PATENT JOURNAL

INCLUDING TRADE MARKS, DESIGNS AND COPYRIGHT IN CINEMATOGRAPH FILMS

JULY 2019 **VOL 52 • No.07**

Companies and Intellectual Property Commission

a member of the dti group

Part II of II

ISSUED MONTHLY **DATE OF ISSUE: 31 JULY 2019**

ISSN 2223-4837

PATENT JOURNAL

INCLUDING TRADE MARKS, DESIGNS AND COPYRIGHT IN CINEMATOGRAPH FILMS

VOL. 52 No. 07 **Date of Issue: 31 JULY 2019**

PATENTS, TRADE MARKS, DESIGNS AND COPYRIGHT OFFICE

Official notices of proceedings under:

The Patents Act, 1978
The Designs Act, 1993
The Trade Marks Act, 1963
The Trade Marks Act, 1993
The Registration of Copyright in Cinematograph Films Act, 1977

Registrar of Patents, Trade Marks, Designs and Copyright

Note: CIPC acting on behalf of the Government of the Republic of South Africa, cannot guarantee the accuracy of its publications or undertake any responsibility for errors or omissions or their consequences.

2. PATENTS

TABLE OF CONTENTS

2. PATENTS 3
ASSIGNMENTS IN TERMS OF SECTION 60-REGULATIONS 58-60 AND 64 (1) 5
CHANGE OF NAME IN TERMS OF REGULATION 39 21
PATENT LICENSES IN TERMS OF SECTION 53 (7)-REGULATIONS 62 AND 63 22
PATENT APPLICATIONS ABANDONED OR WITHDRAWN 22
APPLICATION FOR RESTORATION OF A LAPSED PATENT 23
APPLICATION FOR VOLUNTARY SURRENDER OF PATENTS UNDER SECTION 64 (1), REGULATION 67 OF THE ACT ... 24
APPLICATIONS TO AMEND SPECIFICATION 24
APPLICATIONS FOR PATENTS 29
INSPECTION OF SPECIFICATIONS 106
HYPOTHECATIONS 500
JUDGMENTS 500
OFFICE PRACTISE NOTICES 500
3. DESIGNS 501
APPLICATIONS FOR REGISTRATION OF DESIGNS IN TERMS OF ACT No. 195 OF 1993 502
ASSIGNMENTS IN TERMS OF SECTIONS 30, 29-REGULATIONS 37, 38 AND 40 509
CHANGE OF NAME IN TERMS OF REGULATION 41 509
CHANGE OF ADDRESS FOR SERVICE REGISTERED 509
CHANGE OF ADDRESS FOR PROPRIETOR REGISTERED 509
APPLICATION FOR THE RESTORATION OF A LAPSED DESIGN UNDER SECTION 23 OF THE ACT 509
APPLICATION TO CORRECT AND/OR AMEND DESIGNS APPLICATION OR REGISTRATION 509
NOTICE OF REGISTRATION OF DESIGNS 510
HYPOTHECATIONS 611
JUDGMENTS 611
OFFICE PRACTISE NOTICES 611
4. COPYRIGHT 612
NOTICES OF ACCEPTANCE 613
HYPOTHECATIONS 614
JUDGMENTS 614
OFFICE PRACTISE NOTICES 614
5. CORRECTION NOTICES 615
TRADE MARK CORRECTION NOTICES 616
PATENT CORRECTION NOTICES 616
DESIGNS CORRECTION NOTICES 616
COPYRIGHT CORRECTION NOTICES 616
PATENTS 617
DESIGNS 666

ASSIGNMENTS IN TERMS OF SECTION 60-REGULATIONS 58-60 AND 64 (1)

Application Number	Assignor	Assignee
2017/04972	RECKITT BENCKISER (BRANDS) LIMITED	RECKITT BENCKISER HEALTH LIMITED
2017/03593	RECKITT BENCKISER (BRANDS) LIMITED	RECKITT BENCKISER HEALTH LIMITED
2010/07969	HY-PERFORMANCE FLUID POWER PTY LTD	PROREMAN PTY LTD
2017/00863	RSC EKUSASA MINING (PTY) LTD	RSC MINING (PTY) LTD
2018/02062	ROCK SOLID INDUSTRIES (PTY) LTD	ROCK SOLID INDUSTRIES INTERNATIONAL (PTY) LTD
2017/02712	ROCK SOLID INDUSTRIES (PTY) LTD	ROCK SOLID INDUSTRIES INTERNATIONAL (PTY) LTD
2011/03449	RECKITT & COLMAN (OVERSEAS) LIMITED	RECKITT & COLMAN (OVERSEAS) HEALTH LIMITED
2010/05196	RECKITT & COLMAN (OVERSEAS) LIMITED	RECKITT & COLMAN (OVERSEAS) HEALTH LIMITED
2014/06603	RECKITT & COLMAN (OVERSEAS) LIMITED	RECKITT & COLMAN (OVERSEAS) HEALTH LIMITED
2009/05003	RECKITT & COLMAN (OVERSEAS) LIMITED	RECKITT & COLMAN (OVERSEAS) HEALTH LIMITED
2008/05803	LAFARGE	LAFARGEHOLCIM LTD
2008/05803	LAFARGEHOLCIM LTD	HOLCIM TECHNOLOGY LTD
2002/06473	SOUTH AFRICAN NUCLEAR ENERGY CORPORATION LIMITED	PELCHEM SOC LTD
2002/01441	SOUTH AFRICAN NUCLEAR ENERGY CORPORATION LIMITED (THE)	PELCHEM SOC LTD
2007/02165	LAFARGE	LAFARGEHOLCIM LTD
2007/02165	LAFARGEHOLCIM LTD	HOLCIM TECHNOLOGY LTD
2005/05041	THE SOUTH AFRICAN NUCLEAR ENERGY CORPORATION LIMITED	PELCHEM SOC LTD
2003/01717	LAFARGE	LAFARGEHOLCIM LTD
2003/01717	LAFARGEHOLCIM LTD	HOLCIM TECHNOLOGY LTD
2002/06472	SOUTH AFRICAN NUCLEAR ENERGY CORPORATION LIMITED	PELCHEM SOC LTD
2009/04611	RECKITT & COLMAN (OVERSEAS) LIMITED	RECKITT & COLMAN (OVERSEAS) HEALTH LIMITED
2016/08248	TETHIS, INC.	TETHIS IP HOLDING COMPANY, LLC
2012/08269	RECKITT & COLMAN (OVERSEAS) LIMITED	RECKITT & COLMAN (OVERSEAS) HEALTH LIMITED
2015/05024	RECKITT BENCKISER (BRANDS) LIMITED	RECKITT BENCKISER HEALTH LIMITED
2011/09429	RECKITT & COLMAN (OVERSEAS) LIMITED	RECKITT & COLMAN (OVERSEAS) HEALTH LIMITED
2011/03615	RECKITT & COLMAN	RECKITT & COLMAN (OVERSEAS) HEALTH

Application Number	Assignor	Assignee
	(OVERSEAS) LIMITED	LIMITED
2012/00076	RECKITT & COLMAN (OVERSEAS) LIMITED	RECKITT & COLMAN (OVERSEAS) HEALTH LIMITED
2014/06926	LAFARGE	LAFARGEHOLCIM LTD
2014/06926	LAFARGEHOLCIM LTD	HOLCIM TECHNOLOGY LTD
2012/00647	LAFARGE	LAFARGEHOLCIM LTD
2012/00647	LAFARGEHOLCIM LTD	HOLCIM TECHNOLOGY LTD
2011/03616	RECKITT & COLMAN (OVERSEAS) LIMITED	RECKITT & COLMAN (OVERSEAS) HEALTH LIMITED
2016/07568	LAFARGE	LAFARGEHOLCIM LTD
2016/07568	LAFARGEHOLCIM LTD	HOLCIM TECHNOLOGY LTD
2008/08360	COBEX GmbH (MEITINGEN) and SOFIAN BIDCO GmbH	COBEX GmbH (MEITINGEN)
2008/08360	COBEX GmbH (MEITINGEN)	COBEX GmbH (WIESBADEN)
2016/02276	RECKITT BENCKISER (BRANDS) LIMITED	RECKITT BENCKISER HEALTH LIMITED
2016/05362	ACCELERATIONS SYSTEMS, LLC	SKYCASTERS, LLC
2017/08254	SEATTLE BIOMEDICAL RESEARCH INSTITUTE, d/b/a CENTER FOR INFECTIOUS DISEASE RESEARCH (“CIDR”)	SEATTLE CHILDREN’S HOSPITAL d/b/a SEATTLE CHILDREN’S RESEARCH INSTITUTE (SCRI”)
2007/01949	VALSPAR SOURCING, INC.	ENGINEERED POLYMER SOLUTIONS, INC.
2007/01949	ENGINEERED POLYMER SOLUTIONS, INC.	THE VALSPAR CORPORATION
2007/01949	THE VALSPAR CORPORATION	THE SHERWIN-WILLIAMS COMPANY
2007/01949	THE SHERWIN-WILLIAMS COMPANY	THE SHERWIN-WILLIAMS HEADQUARTERS COMPANY
2007/01949	THE SHERWIN-WILLIAMS HEADQUARTERS COMPANY	SWIMC LLC
2014/02214	OBERTHUR FIDUCIAIRE SAS	SOLVAY SPECIALTY POLYMERS ITALY S.P.A.
2012/09077	THOMSON LICENSING	INTERDIGITAL VC HOLDINGS, INC.
2017/03912	LAFARGE	LAFARGEHOLCIM LTD
2017/03912	LAFARGEHOLCIM LTD	HOLCIM TECHNOLOGY LTD

Application Number	Assignor	Assignee
2009/02668	BAYER INTELLECTUAL PROPERTY GmbH	CLARIANT INTERNATIONAL LTD
2017/02481	CONCENTRIC AGRICULTURE INC.	CONCENTRIC AG CORPORATION
2015/08241	LEINE, SELLO	ALPHA FORENSIC INVESTIGATIONS (PTY) LTD
2012/04335	GB007 MERGER SUB, INC. and ACTIMIS PHARMACEUTICALS, INC.	GB007, INC.
2014/00077	SHL GROUP AB	SHL MEDICAL AG
2004/06083	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2009/04396	SCIENTIFIC INSTITUTE OF PUBLIC HEALTH (IPH)	SCIENSANO
2014/07119	IMO INDUSTRIES INC	CIRCOR PUMPS NORTH AMERICA, LLC
2017/06442	GB007 MERGER SUB, INC. and ACTIMIS PHARMACEUTICALS, INC.	GB007, INC.
2016/01340	REDAG CROP PROTECTION LTD	GLOBACHEM NV
2015/05209	BOEHRINGER INGELHEIM INTERNATIONAL GmbH	AMGEN INC.
2012/08920	ADVANCED BLAST & BALLISTIC SYSTEMS LIMITED	TENCATE ACTIVE PROTECCCTION APS
2016/06172	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2016/01829	INDUSTRO INTERNATIONAL CO., LTD	CAMPMAID LLC
2008/09596	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2004/02467	COOPER TECHNOLOGIES COMPANY	EATON INTELLIGENT POWER LIMITED
2013/03188	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2001/05706	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED

Application Number	Assignor	Assignee
2011/04804	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2017/07673	ARCH CHEMICALS, INC.	INNOVATIVE WATER CARE GLOBAL CORPORATION
2017/07673	INNOVATIVE WATER CARE GLOBAL CORPORATION	INNOVATIVE WATER CARE, LLC
2016/06943	CRISTAL USA INC.	TRONOX LLC
2015/00228	ORBAN BIOTECH, LLC	DMNoMore LIMITED
2009/08464	MEDIMMUNE LLC and BIOWA, INC.	KYOWA HAKKO KIRIN CO., LTD.
2014/02846	SHL GROUP AB	SHL MEDICAL AG
2013/07440	SHL GROUP AB	SHL MEDICAL AG
2014/00076	SHL GROUP AB	SHL MEDICAL AG
2013/05668	SHL GROUP AB	SHL MEDICAL AG
2010/02563	ABB AG	ABB SCHWEIZ AG
2015/00658	LOWTHER COMMUNICATIONS (PTY) LTD	LOWTHER, PAUL, GEORGE
2012/05306	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2014/09152	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2016/08451	THOMSON LICENSING	INTERDIGITAL VC HOLDINGS, INC.
2015/08822	THOMSON LICENSING	INTERDIGITAL VC HOLDINGS, INC.
2007/04141	THOMSON LICENSING	INTERDIGITAL VC HOLDINGS, INC.
2008/05650	THOMSON LICENSING	INTERDIGITAL VC HOLDINGS, INC.
2014/03615	THOMSON LICENSING	INTERDIGITAL VC HOLDINGS, INC.
2017/08522	LAWRENCE, KEITH DENIS	BETAFON (PTY) LIMITED
2014/09219	GILEAD SCIENCES, INC.	GILEAD PHARMASSET LLC
2014/07465	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2014/01166	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED

Application Number	Assignor	Assignee
2014/01165	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2011/08684	KIM, TAE HYUNG	DENTCA, INC.
2010/04100	FLEXYFOOT LTD	CCN INTERNATIONAL LIMITED
2010/04100	CCN INTERNATIONAL LIMITED	LANCASTER HEALTHCARE LIMITED
2015/07607	CELGENE AVILOMICS RESEARCH, INC.	CELGENE CAR LLC
2010/02852	COOPER TECHNOLOGIES COMPANY	EATON INTELLIGENT POWER LIMITED
2009/07489	DIGITALME (PTY) LTD	THISISME (PTY) LTD
2011/09505	L'AIR LIQUIDE SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	SCHULKE & MAYR GmbH
2014/09212	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2012/09465	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2012/04785	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2014/01239	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2011/05080	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2013/04009	CELGENE AVILOMICS RESEARCH, INC.	CELGENE CAR LLC
2012/04807	CELGENE AVILOMICS RESEARCH, INC.	CELGENE CAR LLC
2010/09216	CELGENE AVILOMICS RESEARCH, INC.	CELGENE CAR LLC
2018/06333	HORN, CRAIG MICHAEL	CYBER AUTHENTICATION TECHNOLOGIES (PTY) LTD
2016/05475	RECKITT BENCKISER LLC	RB HEALTH (US) LLC
2016/04879	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2012/05334	EATON INDUSTRIES (NETHERLANDS) B.V.	EATON INTELLIGENT POWER LIMITED

Application Number	Assignor	Assignee
2014/09151	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2011/04957	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2011/00313	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2011/03749	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2011/08827	EATON CORPORATION	EATON INTELLIGENT POWER LIMITED
2018/04222	ARTHUR BITZOUNIS	MOHAMMED ASIF QASIM
2012/09025	COBEX GmbH (MEITINGEN) and SOFIAN BIDCO GmbH	COBEX GmbH (MEITINGEN)
2012/09025	COBEX GmbH (MEITINGEN)	COBEX GmbH (WIESBADEN)
2014/07436	COBEX GmbH (MEITINGEN) and SOFIAN BIDCO GmbH	COBEX GmbH (MEITINGEN)
2014/07436	COBEX GmbH (MEITINGEN)	COBEX GmbH (WIESBADEN)
2008/05460	COBEX GmbH (MEITINGEN) and SOFIAN BIDCO GmbH	COBEX GmbH (MEITINGEN)
2008/05460	COBEX GmbH (MEITINGEN)	COBEX GmbH (WIESBADEN)
2018/01025	BARCLAYS BANK PLC	BARCLAYS SERVICES LIMITED
2014/07119	IMO INDUSTRIES INC	CIRCOR PUMPS NORTH AMERICA, LLC
2013/04192	GB007 MERGER SUB, INC. and ACTIMIS PHARMACEUTICALS, INC.	GB007, INC.
2006/07954	INVESTEC IMPORT SOLUTIONS (PTY) LTD	INVESTEC BANK LIMITED
2015/08662	KURAY CO., LTD and PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY	CORNING INCORPORATED and PUBLIC UNIVERSITY CORPORATION YOKOHAMA CITY UNIVERSITY
2016/05025	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2009/05018	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2005/10151	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2008/07066	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.

Application Number	Assignor	Assignee
2010/04053	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2010/02075	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2010/00043	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2010/00637	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2010/06900	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2010/06900	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/09085	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2009/04918	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2009/02167	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2009/02167	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2009/00389	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2010/04529	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2010/05088	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2010/05084	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2009/07420	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2010/00920	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2009/05830	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2009/09057	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2009/06914	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2009/06915	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2010/01520	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2009/02132	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/05052	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/07480	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/06790	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.

Application Number	Assignor	Assignee
2011/00326	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/05025	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/05285	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/04111	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/01204	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/09708	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/03887	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/06090	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/03717	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/05280	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/09385	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/01805	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/06546	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/00427	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/00690	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/02926	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/09384	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/03049	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/05618	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/03370	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/06664	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/01172	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/05619	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2010/09098	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2010/09091	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.

Application Number	Assignor	Assignee
2011/08160	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2011/09086	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/03591	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/00326	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/05404	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/04390	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/01227	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/01880	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/09258	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/05406	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/04388	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/03166	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2006/06063	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2006/00597	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2008/04097	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/03983	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2007/07434	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/09041	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/04389	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2007/08100	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2005/00583	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2005/05679	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2006/08488	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2008/07763	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2007/00053	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.

Application Number	Assignor	Assignee
2007/07682	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2002/07470	AMALGAMATED ELECTRONIC CORPORATION LTD	CSSAF RADIOWAVE INVESTMENTS PROPRIETARY LIMITED
2013/06950	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/05096	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/01341	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/01340	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/01516	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2015/04616	VTVX HOLDINGS I LLC	VTV THERAPEUTICS LLC
2018/04698	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/01824	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/01344	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/01027	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/00953	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/00952	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/00794	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/00534	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/00199	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/02973	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/03004	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/03040	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/03123	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/03126	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/03263	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2019/03266	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2017/03700	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.

Application Number	Assignor	Assignee
2016/05024	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/09703	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2015/00837	THOMSON LICENSING	INTERDIGITAL CE PATENT HOLDINGS
2016/00594	DERMIS PHARMA SAGLIK VE KOZMETIK URUNLERI SANAYI VE TICARET ANONIM SIRKETI	ABDI IBRAHIM ILAC SANAYI VE TICARET A.S.
2012/09724	DUO PLAST CC	MANKOFIN (PTY) LTD
2016/04772	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2017/08110	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2017/07010	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
201706397	NANJING SINOGEN BIOTECH & PHARMACEUTICAL INC.	GUANGZHOU SINOGEN PHARMACEUTICAL CO., LTD
2017/04522	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2017/04453	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2017/04452	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2017/04451	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2017/08111	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2016/06409	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2016/08810	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/07995	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2014/08877	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2016/01290	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2016/00507	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2015/03889	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2015/03895	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2015/04687	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2015/03899	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.

Application Number	Assignor	Assignee
2015/04548	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2015/03038	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2007/04261	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/07642	MICROTEST MATRICES LIMITED	LUMIRADX UK LIMITED
2007/07132	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2016/04928	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2016/08501	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2016/06408	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2016/05947	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2015/01990	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2016/04678	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2015/04846	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2016/02907	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2016/02162	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2015/06567	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/05696	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/04644	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/05493	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/05494	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/00879	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/05497	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/01641	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2012/06467	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/02271	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/02545	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.

Application Number	Assignor	Assignee
2013/01645	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/03093	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/05075	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/03474	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/01642	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/05486	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/06947	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/06544	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/05081	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/01643	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/05072	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/05500	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/02273	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/04643	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/04242	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/01646	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2013/04565	TELEFONAKTIEBOLAGET LM ERICSSON	ERICSSON LLC
2013/04565	ERICSSON LLC	VELOS MEDIA INTERNATIONAL LIMITED
2014/09087	TEDA INTERNATIONAL CARDIOVASCULAR HOSPITAL	ROCKETHEART TECHNOLOGY CO. LTD
2014/06548	CELGENE AVILOMICS RESEARCH, INC.	CELGENE CAR LLC
2018/04689	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/04691	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/06047	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/06047	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.

Application Number	Assignor	Assignee
2018/08136	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/08135	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/07293	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/07294	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/08134	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/07437	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/06354	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/06355	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/03328	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/04385	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/04386	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/04557	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2016/08809	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2002/07420	SOSEI R&D LTD.	HEPTARES THERAPEUTICS LIMITED
2018/04595	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/05665	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/05666	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/06014	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/04699	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/04697	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2018/04186	IZIBLAST (PTY) LTD	KILLASSY, NATALIE
2017/04781	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2017/06707	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2017/01379	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2016/01733	STEMCENTRX, INC.	ABBVIE STEMCENTRX LLC

Application Number	Assignor	Assignee
2018/08544	ADDENDUM FINANCIAL TECHNOLOGIES (PTY) LTD	ADDENDUM HOLDINGS (PTY) LTD
2009/07940	DEBIOPHARM RESEARCH & MANUFACTURNG SA	DEBIOPHARM INTERNATIONAL SA
2006/02350	THOMSON LICENSING	INTERDIGITAL VC HOLDINGS, INC.
2006/01707	THOMSON LICENSING	INTERDIGITAL VC HOLDINGS, INC.
2011/04748	POWERTECH SYSTEMS INTEGRATORS (PTY) LTD	PENBRO KELNICK (PTY) LTD.
2011/04411	BAYER INTELLECTUAL PROPERTY GMBH	BAYER CROPSCIENCE AKTIENGESELLSCHAFT
2013/09228	SIEMENS AKTIENGESELLSCHAFT	SERVICENOW, INC.
2015/04039	BAYER PHARMA AKTIENGESELLSCHAFT	AMGEN INC.
2009/02360	INFACARE PHARMACEUTICAL CORPORATION	MALLINCKRODT PHARMA IP TRADING D.A.C.
2009/02360	MALLINCKRODT PHARMA IP TRADING D.A.C.	MALLINCKRODT IP UNLIMITED COMPANY
2009/02360	MALLINCKRODT IP UNLIMITED COMPANY	MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED
2009/01977	1ST ORDER PHARMACEUTICALS INC.	XENON PHARMACEUTICALS INC.
2016/08674	VATOSCAN (PTY) LTD	COMMONWEALTH BANK OF AUSTRALIA
2016/08674	COMMONWEALTH BANK OF AUSTRALIA	TYME LIMITED
2010/08563	NUCELIS LLC	CIBUS EUROPE B.V.
2011/06207	SONY CORPORATION	VELOS MEDIA INTERNATIONAL LIMITED
2013/04899	SONY CORPORATION	VELOS MEDIA INTERNATIONAL LIMITED
2015/09196	SAINT-GOBAIN CONSTRUCTION PRODUCTS UK LIMITED	SAINT-GOBAIN PLACO SAS
2018/01926	S21 STREAM SOLUTINS	S21, LLC

Application Number	Assignor	Assignee
	INCORPORATED	
2015/06038	VATOSCAN (PTY) LTD	COMMONWEALTH BANK OF AUSTRALIA
2015/06038	COMMONWEALTH BANK OF AUSTRALIA	TYME LIMITED
2018/02462	SYNCONA INVESTMENT MANAGEMENT LIMITED	SYNCONA IP HOLDCO LIMITED
2017/02482	NESTEC S.A.	SOCIETE DES PRODUITS NESTLE S.A.
2017/07377	KANI SMART WORKS (PTY) LTD	SYNTELL SMART WORKS (PTY) LTD
2018/07280	SCANMIN AFRICA (PTY) LTD.	SCANMIN INTERNATIONAL (PTY) LTD.
2017/03309	INSTITUTO DE INNOVACION EN MINERAL Y METALURGIA S.A.	BIOSIGMA SPA
2015/03034	ARENA PHARMACEUTICALS, INC.	EISAI CO., LTD.
2015/03034	EISAI CO., LTD.	EISAI R & D MANAGEMENT CO., LTD.
2010/04239	BAYER INTELLECTUAL PROPERTY GMBH	PH PHARMA CO. LTD.
2018/01336	ASTRAZENECA PHARMACEUTICALS, LP and MEDIMMUNE LIMITED	ASTRAZENECA UK LIMITED
2018/01336	ASTRAZENECA UK LIMITED and MEDIMMUNE LIMITED	ASTRAZENECA AB
2018/01336	ASTRAZENECA AB and MEDIMMUNE LIMITED	MEDIMMUNE LIMITED
2012/06878	INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC	NAVISTAR DEFENSE, LLC
2014/01443	INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC	NAVISTAR DEFENSE, LLC
2011/04049	INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC	NAVISTAR DEFENSE, LLC

Application Number	Assignor	Assignee
2013/06116	INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC	NAVISTAR DEFENSE, LLC
2013/06275	INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC	NAVISTAR DEFENSE, LLC
2016/07483	KANI SMART WORKS (PTY) LTD	SYNTELL SMART WORKS (PTY) LTD
2013/06317	INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC	NAVISTAR DEFENSE, LLC
2016/04223	KANI SMART WORKS (PTY) LTD	SYNTELL SMART WORKS (PTY) LTD
2016/07482	KANI SMART WORKS (PTY) LTD	SYNTELL SMART WORKS (PTY) LTD
2014/01095	INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY, LLC	NAVISTAR DEFENSE, LLC
2016/06433	HERMAN REDELINGHUYS VERSTER, JAMES PETER	VERSTER, JAMES PETER

CHANGE OF NAME IN TERMS OF REGULATION 39

Application Number	In the name of	New name
2016/08248	TETHIS IP HOLDING COMPANY, LLC	ANAVO TECHNOLOGIES, LLC
2008/08360	SGL CFL CE GmbH	COBEX GmbH (MEITINGEN)
2017/02985	ELEVEN BIOTHERAPEUTICS, INC.	SESEN BIO, INC.
2017/04170	AMESYS	AVANTIX
2014/08800	OTOR	DS SMITH PACKAGING FRANCE
2017/02481	INOCUCOR TECHNOLOGIES, INC.	CONCENTRIC AGRICULTURE INC.
2017/07152	ASILOMAR BIO, INC.	SOUND AGRICULTURE COMPANY
2018/07131	PROMETHEUS DELTA TECH LIMITED	PROMOTHEUS MEDICAL TECHNOLOGIES LIMITED
2002/06047	AUTUMN MOON TRADING (PTY) LTD	DIMINISH WISE (PTY) LTD
2006/07954	BLUE STRATA TRADING (PTY) LTD	INVESTEC IMPORT SOLUTIONS (PTY) LTD
2015/04616	VTV THERAPEUTICS LLC	VTVX HOLDINGS LLC
2016/07396	SCA HYGIENE PRODUCTS AB	ESSITY HYGIENE AND HEALTH

Application Number	In the name of	New name
		AKTIEBOLAG
2019/00961	FLX BIO, INC.	RAPT THERAPEUTICS, INC.
2018/08544	PROPELL FINANCIAL TECHNOLOGIES (PTY) LTD	ADDENDUM FINANCIAL TECHNOLOGIES (PTY) LTD
2019/01268	VITAE PHARMACEUTICALS, INC.	VITAE PHARMACEUTICALS, LLC
2010/08563	NUCELIS INC.	NUCELIS LLC
2017/03309	BIOSIGMA SPA	CODELCOTEC SPA
2005/05853	KSB AKTIENGESELLSCHAFT	KSB SE & CO. KGaA
2014/01888	SANDVIK HYPERION AB	HYPERION MATERIALS & TECHNOLOGIES (SWEDEN) AB
2017/01340	SABMILLER LIMITED	ABI SAB GROUP HOLDING LIMITED
2002/05900	BRISTOL-MYERS SQUIBB HOLDINGS IRELAND	BRISTOL-MYERS HOLDINGS IRELAND UNLIMITED COMPANY
2005/07718	BRISTOL-MYERS SQUIBB HOLDINGS IRELAND	BRISTOL-MYERS HOLDINGS IRELAND UNLIMITED COMPANY
2016/04654	TP THERAPEUTICS, INC.	TURNING POINT THERAPEUTICS, INC.
2004/02184	BRISTOL-MYERS SQUIBB HOLDINGS IRELAND	BRISTOL-MYERS HOLDINGS IRELAND UNLIMITED COMPANY
2014/08967	BRISTOL-MYERS SQUIBB HOLDINGS IRELAND	BRISTOL-MYERS HOLDINGS IRELAND UNLIMITED COMPANY
2006/09084	BRISTOL-MYERS SQUIBB HOLDINGS IRELAND	BRISTOL-MYERS HOLDINGS IRELAND UNLIMITED COMPANY
2004/09162	BRISTOL-MYERS SQUIBB HOLDINGS IRELAND	BRISTOL-MYERS HOLDINGS IRELAND UNLIMITED COMPANY
2008/09548	BRISTOL-MYERS SQUIBB HOLDINGS IRELAND	BRISTOL-MYERS HOLDINGS IRELAND UNLIMITED COMPANY
2010/00843	BRISTOL-MYERS SQUIBB HOLDINGS IRELAND	BRISTOL-MYERS HOLDINGS IRELAND UNLIMITED COMPANY
2001/07204	BRISTOL-MYERS SQUIBB HOLDINGS IRELAND	BRISTOL-MYERS HOLDINGS IRELAND UNLIMITED COMPANY

PATENT LICENSES IN TERMS OF SECTION 53 (7)-REGULATIONS 62 AND 63

Application Number	Licensor	Licensee
2004/01583	H. LUNDBECK A/S	LUNDBECK SOUTH AFRICA (PTY) LIMITED
2008/10017	H. LUNDBECK A/S	LUNDBECK SOUTH AFRICA (PTY) LIMITED
2019/01802	THOMSON LICENSING	INTERDIGITAL VC HOLDINGS, INC.

PATENT APPLICATIONS ABANDONED OR WITHDRAWN

Application Number	Not Open	Date
2018/05535	WITHDRAWN	27/06/2019
2018/06664	WITHDRAWN	19/06/2019

Application Number	Not Open	Date
2018/04236	WITHDRAWN	08/07/2019
2017/07344	WITHDRAWN	15/12/2018

APPLICATION FOR RESTORATION OF A LAPSED PATENT

THE PATENTS ACT, No. 57 OF 1978

APPLICATION FOR THE RESTORATION OF A LAPSED PATENT UNDER SECTION 47 OF THE ACT

Notice is hereby given that **VANCHEM VANADIUM PRODUCTS PTY (LTD) (IN BUSINESS RESCUE) OF ADAMS & ADAMS, 1140 PROSPECT STREET, PRETORIA, 0001,** made application for the restoration of the patent granted to the said **VANCHEM VANADIUM PRODUCTS (PTY) LTD (IN BUSINESS RESCUE)** for an invention **PROCESS FOR THE PREPARATION OF AN ELECTROLYTE** numbered **2008/03487,** dated **21/04/2008** which became void on **24/10/2017,** owing to the non-payment of the prescribed renewal fee.

Any person may give notice on Patent Form No. 19 of opposition to the restoration of the patent within two months of the advertisement hereof.

Notice is hereby given that **CIRC MEDTECH (LTD) OF HAHN & HAHN INC., 222 RICHARD STREET, HATFIELD, PRETORIA, 0001,** made application for the restoration of the patent granted to the said **CIRCMEDTECH LTD** for an invention **CURCUMCISION DEVICE AND METHOD FOR MASS CIRCUMCISION** numbered **2012/01109,** dated **15/02/2012** which became void on **15/07/2019** owing to the non-payment of the prescribed renewal fee.

Any person may give notice on Patent Form No. 19 of opposition to the restoration of the patent within two months of the advertisement hereof.

Notice is hereby given that **TASSOS GEORGIOU OF EDWARDS NATHAN SONNENBERGS, P.O. BOX 783347, SANDTON, 2196. DOCEX 152, RANDBURG, 2125, 0001,** made application for the restoration of the patent granted to the said **TASSOS GEORGIOU** for an invention **USE OF OMEGA FATTY ACIDS FOR TREATING DISEASE** numbered **2014/02318,** dated **28/03/2014** which became void on **12/09/2017** owing to the non-payment of the prescribed renewal fee.

Any person may give notice on Patent Form No. 19 of opposition to the restoration of the patent within two months of the advertisement hereof.

Notice is hereby given that **SKYCASTER LLC OF HAHN & HAHN, 222 RICHARD STREET, HATFIELD, PRETORIA, 0001,** made application for the restoration of the patent granted to the said **SKYCASTER LLC** for an invention **SYSTEMS AND METHODS FOR PROVIDING A MULTIPLE SECURE LINK ARCHITECTURE** numbered **2016/05362,** dated **04/08/2016** which became void on **06/02/2017** owing to the non-payment of the prescribed renewal fee.

Any person may give notice on Patent Form No. 19 of opposition to the restoration of the patent within two months of the advertisement hereof.

Notice is hereby given that **ASH & LACY BUILDINGS SYSTEMS LIMITED OF BRIAN BACON INC., OF DOCEX 7, NEWLANDS, 7700,** made application for the restoration of the patent granted to the said **ASH & LACY BUILDINGS SYSTEM LIMITED** for an invention **WALL AND ROOFING STRUCTURES** numbered **2013/08483,** dated **07/11/2013** which became void on **07/11/2018** owing to the non-payment of the prescribed renewal fee.

Any person may give notice on Patent Form No. 19 of opposition to the restoration of the patent within two months of the advertisement hereof.

Notice is hereby given that **BOURNE-JOHN WESTERN OF 6 ILEX ROAD CLAREMONT, CAPE TOWN, 8000.** made application for the restoration of the patent granted to the said **BOURNE-JOHN WESTERN** for an invention **SOLAR HEATER** numbered **2013/02834,** dated **19/04/2013** which became void on **19/04/2018** owing to the non-payment of the prescribed renewal fee.

Any person may give notice on Patent Form No. 19 of opposition to the restoration of the patent within two months of the advertisement hereof.

Notice is hereby given that **SAHARAN PAWAN OF HAHN AND HAHN, 222 RICHARD STREET, HATFIELD, PRETORIA, 0001.** made application for the restoration of the patent granted to the said **SAHARAN PAWAN** for an invention **MAMMALIAN COLOSTRUM DERIVED NANOPEPTIDES FOR BROADSPECTRUM VIRAL AND RECURRENT INFECTIONS WITH A METHOD OF ISOLATION** numbered **2011/04687,** dated **24/06/2011** which became void on **29/12/2018** owing to the non-payment of the prescribed renewal fee.

Any person may give notice on Patent Form No. 19 of opposition to the restoration of the patent within two months of the advertisement hereof.

THE PATENTS ACT, No. 57 OF 1978

APPLICATION FOR VOLUNTARY SURRENDER OF PATENTS UNDER SECTION 64 (1), REGULATION 67 OF THE ACT

No records available

APPLICATIONS TO AMEND SPECIFICATION

THE PATENTS ACT, 1978

APPLICATIONS TO AMEND SPECIFICATION

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patent

Applicant: VALO THERAPEUTICS OY. CULTIVATOR 1, VIIKINKAARI 6, 00790 HELSNKI,, FINLAND. request permission to amend the specification of letters: **2016/07715** of **18 May 2015** for **COATED ONCOLYTIC ADENOVIRUSES FOR CANCER VACCINES.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: BASF AGROCHEMICAL PRODUCTS, B.V. P. O. BOX 1019, NL-6801 MC ARNHEM, NETHERLANDS. request permission to amend the specification of letters: **2014/05122** of **14 July 2014** for **METHODS AND COMPOSITIONS FOR ANALYZING AHALS GENES IN WHEAT.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: TASLY PHARMACEUTICAL GROUP CO., LTD. TASLY MODERN TCM GARDEN, PU JIHE EAST EAST ROAD NO.2, BEICHEN DISTRICT, TIANJIN, 300410, CHINA. request permission to amend the specification of letters: **2017/04640** of **10 July 2010** for **SILYBIN INJECTION AND PREPARATION METHOD THEREFOR.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: ENERGYNEST AS. OLAV BRUNBORGVEI 6, N-1396 BILLINGSTAD, NORWAY. request permission to amend the specification of letters: **2016/04210** of **22 June 2016** for **ELEMENT FOR A THERMAL ENERGY STORAGE.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: SYNGENTA LIMITED. EUROPEAN REGIONAL CENTRE, PRIESTLEY ROAD, SURREY RESEARCH PARK, GUILDFORD SURREY GU2 7YH, UNITED KINGDOM. request permission to amend the specification of letters: **2013/09220** of **06 December 2013** for **MICELLE-COATED CRYSTALLINE PARTICLES.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: UNIVERSITY OF THE WESTERN CAPE. MODDERDAM ROAD, BELVILLE, CAPE TOWN, 7530, SOUTH AFRICA. request permission to amend the specification of letters: **2015/00253** of **15 July 2013** for **METHOD OF INCREASING BIOACTIVE COMPOUNDS IN A PLANT.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: AMGEN INC. ONE AMGEN CENTER DRIVE, THOUSAND OAKS 91320-1799, CA, USA. request permission to amend the specification of letters: **2017/01763** of **10 March 2017** for **COMPOUNDS THAT INHIBIT MCL-1 PROTEIN.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: 3DBIOPSY, INC. 12635 E MONTVIEW BLVD., AURORA, CO 80045, USA. request permission to amend the specification of letters: **2017/06406** of **22 September 2017** for **BIOPSY SPECIMEN CARRIER.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: DIAL DIRECT INSURANCE (RF). 1 TELESURE LANE, AUTO AND GENERAL PARK, DAINFERN, JOHANNESBURG, 2191, SOUTH AFRICA. request permission to amend the specification of letters: **2016/00004** of **04 January 2016** for **METHOD OF MANAGING INSURANCE RISK.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: REMPEX PHARMACEUTICALS, INC. 11535 SORRENTO VALLEY ROAD, SAN DIEGO, CA 92121-1309, USA. request permission to amend the specification of letters: **2013/01014** of **06 February 2013** for **CYCLIC BORONIC ACID ESTER DERIVATIVES AND THERAPEUTIC USES THEREOF.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: PHILLIPS CLINTON GLEN., PHILLIPS BRENT GRANT. 2511 STONEY BROOK DR., HOUSTON, TX 77063., USA. request permission to amend the specification of letters: **2014/06455** of **03 September 2014** for **CONSULTATIONS WITH SUGGESTED PROFESSIONALS.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: HUAWEI TECHNOLOGIES CO., LTD. HUAWEI ADMINISTRATION BUILDING, BANTIAN, LONGGANG DISTRICT, SHENZHEN 518129, GUANGDONG, CHINA (P.R.C). request permission to amend the specification of letters: **2018/02158** of **03 April 2018** for **METHOD AND DEVICE FOR TRANSMITTING UPLINK CONTROL INFORMATION (UCI) IN CARRIER AGGREGATION.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: CELL THERAPY LIMITED. INSTITUTE OF LIFE SCIENCES, FIRST FLOOR, ROOM 137, SCHOOL OF MEDICINE, SWANSEA UNIVERSITY, SINGLETON PARK SWANSEA SA2 8PP, UNITED KINGDOM. request permission to amend the specification of letters: **2014/00696** of **29 January 2014** for **PROGENITOR CELLS OF MESODERMAL LINEAGE.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: ROTSHTEIN, CHAVA, KAPLAN, PABLO. 60/13 BEN GURION STREET, 4420411 KFAR SAVA, ISRAEL. request permission to amend the specification of letters: **2016/01248** of **24 February 2016** for **WHEELCHAIR.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: PHARMA TWO B LTD. 3 PEKERIS STREET, PARK TAMAR, REHOVOT, 76702, ISRAEL. request permission to amend the specification of letters: **2012/06462** of **03 March 2011** for **EXTENDED RELEASE FORMULATIONS OF RASAGILINE AND USES THEREOF.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

Applicant: FOREST HERBS RESEARCH LIMITED. C/-RWCA, LEVEL 3, WHITBY HOUSE, 7 ALMA STREET, NELSON, 7010, NEW ZEALAND. request permission to amend the specification of letters: **2016/00442** of **20 January 2011** for **ANTI-VIRAL COMPOUND AND COMPOSITION.**

A copy of the original specification on which the proposed amendment is indicated in red, is now available for public inspection at the Patent Office.

Any notice of opposition (on Patent Form 19) must be lodged at the Patent Office within two months from the date hereof.

Registrar of Patents

PATENTS

APPLICATIONS FOR PATENTS

Copies of these specifications cannot be supplied until the applications have been accepted and advertised, or in the case of convention applications, until 18 months from the date of the application in the convention

THE PARTICULARS APPEAR IN THE FOLLOWING SEQUENCE:

Application number ~ Nature ~ 54: Representation of mark ~ 73: Name of applicants ~ 74: Address for service ~ 51: International classification ~ 57: Specification of goods/services ~ 58: Endorsement(s) ~ 33: Country of priority ~ 31: Priority number ~ 32: Priority Date

- APPLIED ON 6/24/2019 -

2019/04105 ~ Complete ~54:FOOD INGREDIENTS FROM STEVIA REBAUDIANA ~71:PureCircle USA Inc., 915 Harger Road, Suite 250, OAK BROOK 60523-1492, IL, USA, United States of America ~72: CHOW, Siew Yin;KOH, Pei Chen;LIAO, Chunlong;MARKOSYAN, Avetik;NIZAM BIN NAWI, Khairul;RAMANDACH, Saravanan~ 33:US ~31:62/427,539 ~32:29/11/2016

2019/04096 ~ Complete ~54:ETHYLENE OLIGOMERIZATION PROCESSES ~71:CHEVRON PHILLIPS CHEMICAL COMPANY LP, 10001 Six Pines Drive, The Woodlands, 77380, Texas, United States of America ~72: BROOKE L SMALL;STEVEN M BISCHOF~ 33:US ~31:15/394,411 ~32:29/12/2016

2019/04097 ~ Complete ~54:ANTI-IL-5 ANTIBODIES ~71:CEPHALON, INC., 1090 Horsham Road North Wales, 19454, Pennsylvania, United States of America ~72: ADAM CLARKE;ANTHONY DOYLE;BRIDGET ANN COOKSEY;DAVID JOSE SIMON LAINE;MARK TERENCE LIDDAMENT~ 33:US ~31:62/438,502 ~32:23/12/2016

2019/04072 ~ Provisional ~54:HOW CAN I CONVENIENTLY BOOK THE NEAREST HOTEL FOR A SHORT STAY? ~71:Black Time Tech, 2342, Strawberry Street, , Villa Lantana, Salie Street, , Amandasig, 0182, South Africa ~72: Mathibela Rakgetsi~

2019/04077 ~ Complete ~54:A METHOD FOR PRODUCING AN INSTANT SOUR PORRIDGE ~71:WILLEM JOHANNES JACOBUS PETRUS STEYN, 1048 TERESA ROAD, South Africa ~72: WILLEM JOHANNES JACOBUS PETRUS STEYN~ 33:ZA ~31:2018/02770 ~32:25/04/2018

2019/04083 ~ Complete ~54:POLYURETHANE FOAM ARTICLE AND METHOD OF FORMING SAME ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: BOWORNPRASIRTKUL, Achara;JANG, Chulhoon;OGONOWSKI, Joseph~ 33:US ~31:62/439,186 ~32:27/12/2016

2019/04086 ~ Complete ~54:FAST-ACTING PLANT-BASED MEDICINAL COMPOUNDS AND NUTRITIONAL SUPPLEMENTS ~71:RECEPTOR HOLDINGS, INC., 1420 5th Ave., Suite 4200, United States of America ~72: LEONE-BAY, Andrea;WESNER, Gregory~ 33:US ~31:62/429,544 ~32:02/12/2016

2019/04090 ~ Complete ~54:USE OF SUBLINGUAL DEXMEDETOMIDINE FOR THE TREATMENT OF AGITATION ~71:BioXcel Therapeutics, Inc., 780 East Main Street, BRANFORD 06405, CT, USA, United States of America ~72: NANDABALAN, Krishnan;SHARMA, Sameer;YOCCA, Frank~ 33:US ~31:62/441,164 ~32:31/12/2016;33:US ~31:62/471,393 ~32:15/03/2017;33:US ~31:62/542,323 ~32:08/08/2017

2019/04092 ~ Complete ~54:EXON SKIPPING OLIGOMER CONJUGATES FOR MUSCULAR DYSTROPHY ~71:Sarepta Therapeutics, Inc., 215 First Street, Suite 415, CAMBRIDGE 02142, MA, USA, United States of America ~72: HANSON, Gunnar J.;PASSINI, Marco A.~ 33:US ~31:62/436,182 ~32:19/12/2016;33:US ~31:62/443,476 ~32:06/01/2017;33:US ~31:62/479,173 ~32:30/03/2017;33:US ~31:62/562,080 ~32:22/09/2017

2019/04093 ~ Complete ~54:GENE THERAPY FOR MUCOPOLYSACCHARIDOSIS, TYPE II ~71:bluebird bio, Inc., 60 Binney Street, CAMBRIDGE 02142, MA, USA, United States of America ~72: GOSS, Kendrick A.;PARSONS, Geoffrey B.~ 33:US ~31:62/430,819 ~32:06/12/2016

2019/04069 ~ Provisional ~54:POWER GENERATION SYSTEM MOMENTUM FLOW AND REGENERATIVE BRAKING ~71:Peter Phillip Jordaan, 28 Marseille Crescent, South Africa ~72: Peter Phillip Jordaan~ 33:ZA ~31:PGSMFRB01 ~32:21/06/2019

2019/04070 ~ Provisional ~54:REDUCING ARTEFACTS IN POSITRON EMISSION TOMOGRAPHY IMAGE RECONSTRUCTION ~71:UNIVERSITY OF JOHANNESBURG, C/O University of Johannesburg, Cnr Kingsway Avenue and University Road, Auckland Park, 2006, SOUTH AFRICA, South Africa ~72: CONNELL, Simon Henry;COOK, Martin Nkululeko Hogan~

2019/04074 ~ Complete ~54:A VACUUM DUST EXTRACTOR ~71:Dust-A-Side International (Pty) Ltd, 160 Witch-Hazel Avenue, Highveld Techno Park, CENTURION 0157, Gauteng Province, SOUTH AFRICA, South Africa ~72: DE KOCK, Werner Rudolph~ 33:ZA ~31:2018/04237 ~32:25/06/2018

2019/04075 ~ Complete ~54:ACTIVATION DEVICE FOR A BATTERY FOR AN ELECTRONIC IGNITION MECHANISM ~71:DIEHL & EAGLE PICHER GMBH, FISCHBACHSTR. 20, 90552 RÖTHENBACH, GERMANY, Germany ~72: HEIN, Roland~ 33:DE ~31:10 2018 005 202.9 ~32:29/06/2018

2019/04079 ~ Complete ~54:METHOD FOR PRODUCING POROUS MOLDED BODY, METHOD FOR PRODUCING CATALYST FOR A-OLEFIN DIMERIZATION, METHOD FOR PRODUCING A-OLEFIN DIMER,

POROUS MOLDED BODY, AND CATALYST FOR A-OLEFIN DIMERIZATION ~71:MITSUI CHEMICALS, INC., 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Japan ~72: MURAKAMI, Masami;NIISHIRO Ryo;TAKAHASHI, Naoya~ 33:JP ~31:2016-249237 ~32:22/12/2016

2019/04081 ~ Complete ~54:DETECTION CASCADES ~71:SPEEDX PTY LTD, Suite G16, National Innovation Centre Australian Technology Park 4 Cornwallis Street Eveleigh, Australia ~72: HASICK, Nicole Jane;TODD, Alison Velyian~ 33:AU ~31:2017901321 ~32:11/04/2017

2019/04088 ~ Complete ~54:METHOD AND APPARATUS FOR IDENTITY AUTHENTICATION IN CONNECTION WITH MOBILE PAYMENT TRANSACTIONS ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: LI, Jing;LI, Liang~ 33:CN ~31:201611070218.X ~32:25/11/2016

2019/04071 ~ Provisional ~54:TYRE ANTI THEFT SYSTEM ~71:Colin van Biljoen, D11 Shanwood Lake , 192 Main Avenue , President Ridge , Randburg , 2194 , Gauteng, South Africa ~72: Colin van Biljoen~

2019/04076 ~ Complete ~54:METHOD FOR CONSTRUCTING IMMORTALIZED PORCINE HEPATIC STELLATE CELL LINE, IMMORTALIZED PORCINE HEPATIC STELLATE CELL LINE, AND USE THEREOF ~71:INSTITUTE OF ANIMAL SCIENCE OF CAAS, NO. 2 YUANMINGYUAN WEST ROAD, BEIJING 100193, P.R. CHINA, People's Republic of China ~72: GU, Xianhong;HAO, Yue~ 33:CN ~31:201910084613.0 ~32:29/01/2019

2019/04080 ~ Complete ~54:TRANSALKYLATION PROCESS AND CATALYST COMPOSITION USED THEREIN ~71:EXXONMOBIL CHEMICAL PATENTS INC., 5200 Bayway Drive, Baytown, United States of America ~72: BAUMRUCKER, Theresa, A.;BEECKMAN, Jean, W.;IDE, Matthew, S.;LOVELESS, Brett, T.;OLIVERI, Christopher, G.;WEIGEL, Scott, J.~ 33:US ~31:62/450,122 ~32:25/01/2017;33:EP ~31:17161741.8 ~32:20/03/2017

2019/04089 ~ Complete ~54:SERVICE PROCESSING METHOD AND DEVICE ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: ZHOU, Yuguo~ 33:CN ~31:201710294841.1 ~32:28/04/2017

2019/04100 ~ Provisional ~54:THE INVENTION OF THE CHISHMAN CYCLO-HYDROELECTRICITY ENGINE ~71:LACUSTRINE PTY LTD (registration number 2019/309669/07), House 2104, Tshikhundini, THOHOYANDOU,, South Africa ~72: Mr Tawananyasha Tinotenda Chishamba (Passport No:DN555105)~

2019/04066 ~ Provisional ~54:FOLDABLE EXERCISE STEPPER ~71:Ryan Alan Barry, 3 Pointsettia, Safari Gardens , Rustenburg, 0300, South Africa ~72: Ryan Alan Barry~

2019/04067 ~ Provisional ~54:TISSUE HELPER TOILET PAPER DISPENSER ~71:Kopano Unity Maripane, 535 Makhulong Section , Tembisa , 1632, South Africa ~72: Kopano Unity Maripane~

2019/04068 ~ Provisional ~54:BATTERY ~71:K2018615252 (SOUTH AFRICA) (PTY) LTD, 5 Cincaut Street, Saxenburg Park 1, South Africa ~72: COLE, Mark;NORTJE, Johannes Cornelius~

2019/04078 ~ Complete ~54:RAILCAR KNUCKLE ~71:TRANSNET SOC LTD, 160 LYNETTE STREET KILNER PARK SILVERTORN, South Africa ~72: GOVENDER, DHURASHA;MALEKA, AUDREY MAKGALAKE;MAMPHEKGO, TEFELO CALYSTUS;MATJEKE, VELAPHI JEFFREY;MUKWEVHO, GOODNESS;PILLAY, KESHINI~ 33:ZA ~31:2018/07380 ~32:05/11/2018

2019/04084 ~ Complete ~54:68GE/68GA GENERATOR ~71:ITM ISOTOPEN TECHNOLOGIEN MÜNCHEN AG, LICHTENBERGSTRASSE 1, 85748 GARCHING, GERMANY, Germany ~72:

HARFENSTELLER, Mark;JERNSTRÖM, Jussi;MECKEL, Marian;TOTSKIY, Yury;ZHERNOSEKOV, Konstantin~ 33:EP ~31:16206969.4 ~32:27/12/2016

2019/04085 ~ Complete ~54:USE OF A MIXTURE OF A COMPLEX ESTER WITH A MONOCARBOXYLIC ACID TO REDUCE FRICTION ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: ZORN, Matthias~ 33:EP ~31:16205271.6 ~32:20/12/2016

2019/04087 ~ Complete ~54:A FAST DISINTEGRATING PHARMACEUTICAL COMPOSITION ~71:Ferring B.V., Polaris Avenue 144, HOOFDDORP 2132 JX, THE NETHERLANDS, Netherlands ~72: AHUJA, Varinder;JAIN, Devendra Kantilal;LOKHANDE, Parag;PLAKSIN, Daniel;SONAVANE, Ganeshchandra~ 33:IN ~31:201711001145 ~32:11/01/2017

2019/04091 ~ Complete ~54:NAME MATCHING METHOD AND APPARATUS ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: SUN, Qingqing~ 33:CN ~31:201611055619.8 ~32:25/11/2016

2019/04104 ~ Complete ~54:SAFETY DEVICE AND METHOD TO PREVENT USE OF THE SAME DEVICE IF FAULTY ~71:Newtrax Holdings Inc., 8th floor - 360 rue St-Jacques, MONTREAL H2Y 1P5, QUÉBEC, CANADA, Canada ~72: CERVINKA, Alexandre~ 33:US ~31:62/430,869 ~32:06/12/2016

2019/04099 ~ Complete ~54:PAPER DISPENSER ~71:ESSITY HYGIENE AND HEALTH AKTIEBOLAG, S-405 03, Sweden ~72: ALLARD, Bryan Fitzgerald;BILLMAN, Craig;DOTSEY, Michael Austin;TEDESCO, Daniele Salvatore~ 33:US ~31:15/415,908 ~32:26/01/2017

2019/04102 ~ Complete ~54:GENE THERAPY FOR MUCOPOLYSACCHARIDOSIS, TYPE I ~71:bluebird bio, Inc., 60 Binney Street, CAMBRIDGE 02142, MA, USA, United States of America ~72: GOSS, Kendrick A.;PARSONS, Geoffrey B.~ 33:US ~31:62/430,795 ~32:06/12/2016

2019/04103 ~ Complete ~54:AEROSOL GENERATING DEVICE AND ARTICLE ~71:British American Tobacco (Investments) Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, GREATER LONDON, UNITED KINGDOM, United Kingdom ~72: YILMAZ, Ugurhan~ 33:GB ~31:1700136.3 ~32:05/01/2017

2019/04082 ~ Complete ~54:ADMINISTRATION OF ANTIBIOTIC COMPOUNDS FOR THE TREATMENT OF STREPTOCOCCAL INFECTIONS FOR THE TREATMENT OF PSORIASIS ~71:THE CENTER FOR DIGESTIVE DISEASES, Level 1, 229 Great North Road Five Dock, Australia ~72: BORODY, Thomas, Julius~ 33:US ~31:62/481,117 ~32:03/04/2017

2019/04127 ~ Complete ~54:METHOD FOR FABRICATION OF A TWO-LAYERED PRODUCT BASED ON ELECTROSPUN FIBRES ~71:AFYX THERAPEUTICS A/S, Lergravsvej 57, 2. tv., 2300, KØbenhavn S, Denmark ~72: JENS HANSEN~ 33:DK ~31:PA 201770042 ~32:23/01/2017

2019/04094 ~ Complete ~54:DATA STORAGE SYSTEM WITH REDUNDANT INTERNAL NETWORKS ~71:AMAZON TECHNOLOGIES, INC., P.O. Box 81226, Washington, United States of America ~72: ARUMUGAM, Nachiappan;BROOKER, Marc John;GUTHRIE, John Luther II;KUSTERS, Norbert P.;RICHARDSON, David R.;WATSON, Christopher Nathan;WEI, Danny~ 33:US ~31:15/392,835 ~32:28/12/2016

2019/04095 ~ Complete ~54:DATA STORAGE SYSTEM WITH MULTIPLE DURABILITY LEVELS ~71:AMAZON TECHNOLOGIES, INC., P.O. Box 81226, Washington, United States of America ~72: ARUMUGAM, Nachiappan;BROOKER, Marc John;GUTHRIE, John Luther II;KUSTERS, Norbert P.;RICHARDSON, David R.;WATSON, Christopher Nathan;WEI, Danny~ 33:US ~31:15/392,857 ~32:28/12/2016

2019/04098 ~ Complete ~54:LYOPHILIZED PHARMACEUTICAL COMPOSITIONS OF DALBAVANCIN ~71:GUFIC BIOSCIENCES LIMITED, N.H.No.8, Near Grid, Kabilpore Navsari, Gujarat, 396424, India ~72: BEENA POURUSASHAP ANKLESARIA;MAFATLAL TRIBHOVANDAS DAVE;MITESH NATAVARLAL PATEL;PRANAVKUMAR JAYESH CHOKSI~ 33:IN ~31:201621039995 ~32:23/11/2016

2019/04073 ~ Complete ~54:METHOD FOR TREATING LIGNOCELLULOSIC BIOMASS ~71:AGRO INDUSTRIES RECHERCHE ET DEVELOPPEMENT, Route de Bazancourt, France;IFP ENERGIES NOUVELLES, 1 & 4 avenue du Bois-Préau, France;INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, 147 rue de l'Université, France ~72: AYMARD, Caroline;KNOSPE, Emilia;PEROTTA, Larissa;ROUSSET, Romain~ 33:FR ~31:18/55.789 ~32:27/06/2018

. - APPLIED ON 6/25/2019 -

2019/04109 ~ Provisional ~54:MOBILE COMMODE ~71:YEATMAN, Rose-Mary Desiré, 42 Klipkoppie, 4A Bontrokkie Turn, Extension 11, South Africa ~72: YEATMAN, Rose-Mary Desiré~

2019/04106 ~ Provisional ~54:A THREE LAYER ELECTRIC POWER GENERATOR ~71:The Trustees for the time being of the KMN FULFILMENT TRUST, 8 Kestrel Street, Ebotse Golf Estate, Rynfield, BENONI 1504, SOUTH AFRICA, South Africa ~72: MAKGERU, Kabu Walter~

2019/04134 ~ Complete ~54:TANGENTIAL FLOW SEPARATION ELEMENT INCORPORATING FLEXUOUS CHANNELS ~71:TECHNOLOGIES AVANCEES ET MEMBRANES INDUSTRIELLES, ZA Les Laurons, 26110, Nyons, France ~72: JÉRÔME ANQUETIL;PHILIPPE LESCOCHE~ 33:FR ~31:16 63058 ~32:21/12/2016

2019/04135 ~ Complete ~54:CONCATENATED POLAR CODE WITH ADAPTIVE ERROR DETECTION ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), , SE-164 83, Stockholm, Sweden ~72: DENNIS HUI;YUFEI BLANKENSHIP~ 33:US ~31:62/455,128 ~32:06/02/2017

2019/04136 ~ Complete ~54:COMPOSITIONS AND RELATED METHODS FOR CONTROLLING VECTOR-BORNE DISEASES ~71:FLAGSHIP PIONEERING INNOVATIONS V, INC., 55 Cambridge Parkway, 8th Floor, Cambridge, 02142, Massachusetts, United States of America ~72: BARRY ANDREW MARTIN;CHRISTINE CEZAR;IGNACIO MARTINEZ;MAIER STEVE AVENDANO AMADO;ZACHARY GARO ARMEN~ 33:US ~31:62/450,057 ~32:24/01/2017;33:US ~31:62/583,912 ~32:09/11/2017

2019/04137 ~ Complete ~54:METHODS AND RELATED COMPOSITIONS FOR MANUFACTURING FOOD AND FEED ~71:FLAGSHIP PIONEERING INNOVATIONS V, INC., 55 Cambridge Parkway, 8th Floor 800E, Cambridge, 02142, Massachusetts, United States of America ~72: BARRY ANDREW MARTIN;CHRISTINE CEZAR;IGNACIO MARTINEZ;MAIER STEVE AVENDANO AMADO;ZACHARY GARO ARMEN~ 33:US ~31:62/450,038 ~32:24/01/2017;33:US ~31:62/584,011 ~32:09/11/2017

2019/04138 ~ Complete ~54:METHOD OF DETECTION AND EXTRACTING METALS FROM ORE-BEARING SLURRY ~71:OUTCOME INTERNATIONAL INC., Suite 302, Building No. 8, Harbour Road, Bridgetown, 11145, Barbados ~72: BERNHARD PETER BUDACH~ 33:CA ~31:2,953,756 ~32:06/01/2017

2019/04139 ~ Complete ~54:METHODS AND APPARATUSES FOR RE-ESTABLISHING A RADIO RESOURCE CONTROL (RRC) CONNECTION ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), , SE-164 83, Stockholm, Sweden ~72: MONICA WIFVESSON;PRAJWOL KUMAR NAKARMI;VESA LEHTOVIRTA~ 33:US ~31:62/451866 ~32:30/01/2017

2019/04115 ~ Complete ~54:A PROCESS FOR RECOVERING SUGAR FROM BIOMASS ~71:DEPARTMENT OF BIOTECHNOLOGY, Ministry of Science And Technology, Block-2, 7th Floor, India;INDIAN OIL CORPORATION LIMITED, G-9, Ali Yavar Jung Marg, Bandra (East), India ~72: GUPTA, Ravi Prakash;KUMAR, Ravindra;PURI, Suresh Kumar;RAMAKUMAR, Sankara Sri Venkata;SATLEWAL, Alok;SEMWAL, Surbhi~ 33:IN ~31:201821024153 ~32:28/06/2018

2019/04114 ~ Complete ~54:LOCKING DEVICE FOR CEILING PANELS OF A SUSPENDED CEILING ~71:FUNDISPOT (PTY) LTD., 07 Woodlands Corner, Woodlands Lifestyle Estate De Ville, MORELETA PARK, PRETORIA 0181, Gauteng, SOUTH AFRICA, South Africa ~72: PHILLIPS, Andrew;VAN ZYL, Deon~ 33:ZA ~31:2018/02053 ~32:28/03/2018

2019/04129 ~ Complete ~54:NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST OVARIAN CANCER AND OTHER CANCERS ~71:Immatics Biotechnologies GmbH, Paul-Ehrlich-Straße 15, TÜBINGEN 72076, GERMANY, Germany ~72: PEPER, Janet;RÖHLE, Kevin;RAMMENSEE, Hans-Georg;SCHUSTER, Heiko;WAGNER, Philipp~ 33:DE ~31:10 2017 101 671.6 ~32:27/01/2017;33:US ~31:62/451,255 ~32:27/01/2017

2019/04143 ~ Complete ~54:METHODS AND ENTITIES FOR ALERTING ABOUT FAILURE OF AN UNMANNED AERIAL VEHICLE ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), , SE-164 83, Stockholm, Sweden ~72: ANDREAS NILSSON;FREDRIK HARRYSSON;JONAS FRIDÉN;LARS MANHOLM~

2019/04147 ~ Provisional ~54:TAKE BACK MANGAUNG ¿ KEEP IT CLEAN, KEEP IT GREEN ~71:Tshegofatso Lekgetho, 2358 Mantsopa Street, South Africa ~72: Tshegofatso Lekgetho~

2019/04117 ~ Complete ~54:WASTE PICKERS TROLLEY ~71:EMID (Pty) Ltd, Sanlam Building, c/o Sanlam and Alkantrant Roads, Lynnwood Manor, South Africa ~72: CLAASSEN, Daniël Gerhardus~ 33:ZA ~31:2018/04510 ~32:06/07/2018

2019/04111 ~ Provisional ~54:IDEA OF CREATING A NIQAB PROTECTIVE TISSUE ~71:Abdel Rahman Al Tayara, Jamil Housami Street ; Concordia Bldg ; Bloc B 4th floor, Lebanon ~72: Abdel Rahman Al Tayara;Rima Helou~

2019/04119 ~ Complete ~54:A COMPOSITION COMPRISING AT LEAST ONE GNRH ANTAGONIST ~71:ANTEV LIMITED, 22 South Molton Street, United Kingdom ~72: Finn LARSEN~ 33:US ~31:62/452,096 ~32:30/01/2017

2019/04128 ~ Complete ~54:METHOD OF MANUFACTURING A FILM COMPRISING MICROFIBRILLATED CELLULOSE ~71:Stora Enso OYJ, P.O. Box 309, HELSINKI 00101, FINLAND, Finland ~72: AULIN, Christian;AXRUP, Lars;HILLERGREN, Magnus;KNÖÖS, Isabel;LINDSTRÖM, Tom;STRÖM, Göran~ 33:SE ~31:1750069-5 ~32:30/01/2017

2019/04124 ~ Complete ~54:LANOSTEROL PRODRUG COMPOUND AND PREPARATION METHOD THEREFOR AND USE THEREOF ~71:Zhongshan Ophthalmic Center, Sun Yat-sen University, No.54 Xianlie South Road, Yuexiu District, GUANGZHOU 510060, GUANGDONG, CHINA (P.R.C.), People's Republic of China ~72: CHEN, Shuhui;HE, Haiying;HOU, Lijuan;LI, Jian;LI, Xiaolin;LIU, Yizhi;LUO, Zhi;SHEN, Liang;WANG, Yandong;WEN, Xinxin~ 33:CN ~31:201710061039.8 ~32:25/01/2017;33:CN ~31:201710868274.6 ~32:22/09/2017

2019/04125 ~ Complete ~54:COMPOSITIONS AND METHODS FOR CONTROLLING PLANT PESTS ~71:Syngenta Participations AG, Schwarzwaldallee 215, BASEL 4058, SWITZERLAND, Switzerland ~72:

BRAMLETT, Matthew Richard;FLEMING, Christopher;JUCOVIC, Milan;ROSE, Mark Scott;SEGUIN, Katherine~ 33:US ~31:62/442,155 ~32:04/01/2017

2019/04116 ~ Complete ~54:SAFETY VALVE ~71:HALOGRAPH (PTY) LTD, 299 Dey Street, South Africa ~72: HECKING, Willi~ 33:DE ~31:20 2018 104 694.2 ~32:15/08/2018

2019/04121 ~ Complete ~54:NOVEL BICYCLIC NUCLEOSIDES AND OLIGOMERS PREPARED THEREFROM ~71:UNIVERSITÄT BERN, VERWALTUNGSDIREKTION HOCHSCHULSTRASSE 4, 3012 BERN, SWITZERLAND, Switzerland ~72: EVÉQUOZ, Damien;LEUMANN, Christian~ 33:EP ~31:16201350.2 ~32:30/11/2016

2019/04122 ~ Complete ~54:METHOD FOR SCRIBING DRIVING TRAJECTORY IN TEST ON STEERING EFFORTS OF AUTOMOBILE ~71:SHANDONG UNIVERSITY OF TECHNOLOGY, ROOM 313, BLOCK A, HIGH-TECH BUSINESS INCUBATOR, NO. 135 ZHENGTONG ROAD, HIGH-TECH INDUSTRIAL DEVELOPMENT ZONE, ZIBO, SHANDONG 255086, CHINA, People's Republic of China ~72: GANG, Xianyue;GE, Wenqing;JIAO, Xuejian;LI, Bo;LI, Di;MIAO, Lidong;TAN, Cao;WU, Xiaohui;XU, Guohui;XU, Jiachuan;XU, Xiyi;ZHANG, Jiangang;ZHANG, Zeng~ 33:CN ~31:201811281199.4 ~32:31/10/2018

2019/04123 ~ Complete ~54:MULTIVALENT VACCINE COMPOSITION ~71:Serum Institute of India Private Limited, 212/2, Off Soli Poonawalla Road, Hadapsar, PUNE 411 028, MAHARASHTRA, INDIA, India;The Centers for Disease Control and Prevention (CDC), The Government of the United States of America, as represented by the Secretary, Department of, Health and Human Services, of National Institutes of Health Office of Technology Transfer, BETHESDA 20892-7660, MD, USA, United States of America ~72: DHERE, Rajeev Mhalasakant;GLASS, Roger;JIANG, Baoming;KADAM, Ravindra Bapurao;KAMBLE, Abhijeet Sanjeev;PISAL, Sambhaji Shankar;SABALE, Rajendra Narayan;ZADE, Jagdish Kamalaji~ 33:IN ~31:201621029037 ~32:26/08/2016

2019/04120 ~ Complete ~54:MICROBIAL COMPOSITIONS AND METHODS ~71:MONSANTO TECHNOLOGY, LLC, 800 North Lindbergh Blvd., United States of America ~72: FERREIRA, Kenneth, L.;LUTFIYYA, Linda, L.;MCCANN, Ryan, T.;SCHAECHER, Scott, R.~ 33:US ~31:62/441,929 ~32:03/01/2017;33:US ~31:62/449,981 ~32:24/01/2017;33:US ~31:62/573,071 ~32:16/10/2017

2019/04108 ~ Provisional ~54:NON-DESTRUCTIVE EXPLOSIVE MAGNETIC PULSE DEVICE ~71:Medium Voltage Technologies (Pty) Ltd., 11 Ceretto, Glendower Avenue, Woodhill Golf Estate, PRETORIA 0081, Gauteng, SOUTH AFRICA, South Africa ~72: PUTTER, Andries Hercules~

2019/04118 ~ Complete ~54:HIGH-EFFICIENCY SELF-VIBRATING AIR-LIFT PUMP ~71:Hunan University of Humanities, Science and Technology, No. 487 Dixing Road, Loudi City, South Africa ~72: HU, Dong;LIU, Heyun;TANG, Chuanlin;WANG, Shu~ 33:ZA ~31:201810672280.9 ~32:26/06/2018

2019/04126 ~ Complete ~54:STEEL PLATE FOR HOT STAMPING ~71:NIPPON STEEL & SUMITOMO METAL CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8071, JAPAN, Japan ~72: ABUKAWA, Genki;HAYASHI, Kunio;HIKIDA, Kazuo;KAWASAKI, Kaoru~

2019/04112 ~ Complete ~54:1, 2, 4-OXADIAZOLE DERIVATIVES AS IMMUNOMODULATORS ~71:AURIGENE DISCOVERY TECHNOLOGIES LIMITED, 39-40 KIADB Industrial area, Electronic City Phase II, Hosur Road, India ~72: NAREMADDEPALLI, Seetharamaiah Setty Sudarshan;RAMACHANDRA, Muralidhara;SASIKUMAR, Pottayil Govindan Nair~ 33:IN ~31:4011/CHE/2013 ~32:06/09/2013

2019/04107 ~ Provisional ~54:A COMPOSITION ~71:BOSMAN, Paul, Unit 9, Fish Eagle Park, South Africa ~72: BOSMAN, Paul~

2019/04110 ~ Provisional ~54:CLOUD DNA SYSTEM ~71:Chwayitisa Benitta Bokuva, 1 Kingsgate, St James Road, Southernwood, South Africa ~72: Chwayitisa Benitta Bokuva~

2019/04130 ~ Complete ~54:GAS-FED FERMENTATION REACTORS, SYSTEMS AND PROCESSES UTILIZING A VERTICAL FLOW ZONE ~71:Calysta, Inc., 1140 O'Brien Drive, Suite B, MENLO PARK 94025, CA, USA, United States of America ~72: NGUYEN, Luan Thanh;SILVERMAN, Joshua A.~ 33:US ~31:62/444,625 ~32:10/01/2017

2019/04131 ~ Complete ~54:T CELL RECEPTORS THAT BIND TO NY-ESO-1 AND METHODS OF USE THEREOF ~71:Agenus Inc., 3 Forbes Road, LEXINGTON 02421, MA, USA, United States of America ~72: EXLEY, Mark Adrian;HURWITZ, Arthur Andrew;LALEVÉE, Sébastien;LEVENTHAL, Daniel;MASAKAYAN, Reed;MUNDT, Cornelia Anne;SEIBERT, Volker;VAN DIJK, Marc;WOLF, Benjamin Jacob~ 33:US ~31:62/446,084 ~32:13/01/2017

2019/04133 ~ Complete ~54:GRAVITY BENDING MOULD FOR BENDING GLASS PANES HAVING A CURVED SUPPORT SURFACE ~71:Saint-Gobain Glass France, 18 Avenue d'Alsace, COURBEVOIE 92400, FRANCE, France ~72: BORDERIOU, Arnaud;PALMANTIER, Arthur;SCHILLINGS, Peter;ZEICHNER, Achim~ 33:EP ~31:17165666.3 ~32:10/04/2017

2019/04144 ~ Provisional ~54:UNIVERSAL SMART (ATM) AUTO TELLER MACHINE ~71:SINDI MZIMKHULU TYIKA, 2057 MANDISA STREET, South Africa ~72: SINDI MZIMKHULU TYIKA~

2019/04132 ~ Complete ~54:ELECTRONIC VAPOUR PROVISION SYSTEM ~71:Nicoventures Holdings Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: LEADLEY, David;OTIABA, Kenny~ 33:GB ~31:1701102.4 ~32:23/01/2017

2019/04140 ~ Complete ~54:HYBRID-SRS COMBINATION SIGNALING ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), , SE-164 83, Stockholm, Sweden ~72: ANDREAS NILSSON;FREDRIK ATHLEY;MATTIAS FRENNE;SEBASTIAN FAXÉR;SVEN PETERSSON;VIRGILE GARCIA~ 33:US ~31:62/444,128 ~32:09/01/2017

2019/04141 ~ Complete ~54:DISPENSER ~71:UNILEVER PLC, Unilever House, 100 Victoria Embankment, London, Greater London, EC4Y 0DY, United Kingdom ~72: JAMES CHI WAI LO;SRINIVASAN KRISHNAN;YONG PAN~ 33:CN ~31:PCT/CN2016/112897 ~32:29/12/2016

2019/04142 ~ Complete ~54:VENTING SYSTEM ~71:UNILEVER PLC, Unilever House, 100 Victoria Embankment, London, Greater London, EC4Y 0DY, United Kingdom ~72: BRENNAL ATIBA DIALLO PIERRE;SRINIVASAN KRISHNAN~ 33:CN ~31:PCT/CN2016/112898 ~32:29/12/2016

2019/04145 ~ Provisional ~54:MULTI RECHARGE ~71:TIMOTHY JABULANI MAHLANGU, 404 MANDELA, KWAMHLANGA, South Africa ~72: TIMOTHY JABULANI MAHLANGU~

2019/04146 ~ Complete ~54:METHODS FOR PRODUCING STABLE THERAPEUTIC GLUCAGON FORMULATIONS IN APROTIC POLAR SOLVENTS ~71:XERIS PHARMACEUTICALS, INC., 180 N. LASALLE STREET, SUITE 1800 CHICAGO, IL 60601, United States of America ~72: DONOVAN, MARTIN;PRESTRELSKI, STEVEN;SANDOVAL, MICHAEL~ 33:US ~31:62/233,032 ~32:25/09/2015;33:US ~31:15/136,650 ~32:22/04/2016

2019/04328 ~ Complete ~54:COMPOSITION, APPLICATION THEREOF AND TREATMENT METHOD ~71:KANGPU BIOPHARMACEUTICALS, LTD., 780 Cailun Road, Suite 818, Zhangjiang Hi-Tech Park, Pudong

New Area, 201203, Shanghai, People's Republic of China ~72: BAISONG LIAO;CHUANSHENG GE;WEN-CHERNG LEE~ 33:CN ~31:201611170723.1 ~32:16/12/2016

2019/04113 ~ Complete ~54:AUTOMATIC FLATTENING APPARATUS, METHOD AND SYSTEM FOR TRANSMIT-RECEIVE RESPONSE OF BROADBAND UNDERWATER ACOUSTIC TRANSDUCER ~71:SHANGHAI OCEAN UNIVERSITY, NO. 999, HUCHENGHUAN RD, NANHUI NEW CITY, SHANGHAI, P.R. CHINA, People's Republic of China ~72: GAO, Chunxia;TIAN, Siquan;TONG, Jianfeng;WANG, Xuefang;ZHANG, Jin~ 33:CN ~31:201810883444.2 ~32:06/08/2018

- APPLIED ON 6/26/2019 -

2019/04167 ~ Complete ~54:SECURING DEVICE ~71:Gripple Limited, The Old West Gun Works, Savile Street East, SHEFFIELD S4 7UQ, SOUTH YORKSHIRE, UNITED KINGDOM, United Kingdom ~72: GIEMZA, Lee~ 33:GB ~31:GB1700691.7 ~32:16/01/2017;33:GB ~31:GB1718938.2 ~32:16/11/2017;33:GB ~31:GB1800555.3 ~32:12/01/2018

2019/04169 ~ Complete ~54:CASTING MOULD FOR CASTING COMPLEXLY SHAPED CAST PARTS AND USE OF SUCH A CASTING MOULD ~71:Nemak, S.A.B. de C.V., Libramiento Arco Vial Km 3.8, GARCÍA 66000, NUEVO LEÓN, MEXICO, Mexico ~72: KLAUS, Gerald;ROSSI, Paulo;SCHÄFER, Carmen;SCHNEIDER, Tim;SCHNUBEL, Dirk;SPIESS, Steffen;TOMCZOK, Christoph~ 33:DE ~31:102017100805.5 ~32:17/01/2017

2019/04149 ~ Provisional ~54:A SYSTEM OPERABLE TO ENABLE THE TRADING OF CARBON DERIVATIVES OR RELATED INSTRUMENTS IN THE RENEWABLES INDUSTRY ~71:THOMAS BERGENTHUIN, 4 CHERRY STREET, South Africa ~72: THOMAS BERGENTHUIN~

2019/04155 ~ Complete ~54:HIGH ELASTICITY HYALURONAN COMPOSITIONS AND METHODS OF USE THEREOF ~71:Matrix Biology Institute, 17 Annett Avenue, EDGEWATER 07020, NJ, USA, United States of America ~72: BELMONTE, Carlos;DENLINGER, Janet L.~ 33:US ~31:62/232,364 ~32:24/09/2015

2019/04164 ~ Complete ~54:PREPARATION METHOD AND APPLICATION OF RECOMBINANT ONCOLYTIC INFLUENZA VIRUS ~71:BEIJING 302 HOSPITAL, No.100 West 4th Ring Road, Fengtai District, People's Republic of China ~72: REN, Tianyu;SUN, Fang;WANG, Xiliang;WANG, Zhaohai;YANG, Penghui;ZHANG, Peirui;ZHANG, Shaogeng~ 33:CN ~31:201611253359.5 ~32:30/12/2016;33:WO ~31:PCT/CN2017/080010 ~32:04/11/2017

2019/04166 ~ Complete ~54:VEHICLE MIRRORS ~71:MILES, Shane Robert, 43 Harrington Street, Arundel, Australia ~72: MILES, Shane Robert~ 33:AU ~31:2016904946 ~32:01/12/2016

2019/04173 ~ Complete ~54:EXON SKIPPING BY PEPTIDE NUCLEIC ACID DERIVATIVES ~71:OliPass Corporation, 20th Floor, Ace Dongbaek Tower, 16 Beon-gil, 16-4 Dongbaek Jungang-ro, Giheung-gu, Yongin-si, GYEONGGI-DO 17105, REPUBLIC OF KOREA, Republic of Korea ~72: CHO, Bongjun;CHUNG, Shin;JANG, Kangwon;JUNG, Daram;YOON, Heungsik~ 33:US ~31:62/440,929 ~32:30/12/2016

2019/04178 ~ Complete ~54:WRAPPER FOR TOBACCO INDUSTRY PRODUCTS ~71:British American Tobacco (Investments) Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: HOLFORD, Steven~ 33:GB ~31:1701096.8 ~32:23/01/2017

2019/04181 ~ Complete ~54:CHEMICALLY-MODIFIED SIRNA ~71:NAPAJEN PHARMA, INC., #527, 533 Airport Boulevard, Burlingame, 94010, California, United States of America ~72: ATSUSHI UNO;HIRONORI ANDO;SADAHARU HIGUCHI~ 33:JP ~31:2016-230640 ~32:28/11/2016

2019/04171 ~ Complete ~54:N-[4-FLUORO-5-[[(2S,4S)-2-METHYL-4-[(5-METHYL-1,2,4-OXADIAZOL-3-YL)METHOXY]-1-PIPERIDYL]METHYL]THIAZOL-2-YL]ACETAMIDE AS OGA INHIBITOR ~71:Eli Lilly and Company, Lilly Corporate Center, INDIANAPOLIS 46285, IN, USA, United States of America ~72: DREYFUS, Nicolas Jacques Francois;LINDSAY-SCOTT, Peter James~ 33:US ~31:62/451,137 ~32:27/01/2017

2019/04172 ~ Complete ~54:HOT STAMPED PART AND MANUFACTURING METHOD THEREOF ~71:NIPPON STEEL & SUMITOMO METAL CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, TOKYO 1008071, JAPAN, Japan ~72: ABUKAWA, Genki;HAYASHI, Kunio;HIKIDA, Kazuo;KAWASAKI, Kaoru~

2019/04148 ~ Provisional ~54:COLLAPSIBLE ENCLOSURE ~71:HLUMBANE, Abel, Zakhele, 44 RONDEBOSCH COMPLEX, MOOIKLOOF RIDGE, PRETORIA, 0059, South Africa ~72: HLUMBANE, Abel, Zakhele~

2019/04150 ~ Provisional ~54:A CONSTRUCTION ELEMENT ~71:CULVERTURE (PTY) LTD, 20A FOURTH AVENUE, South Africa ~72: CHAPMAN, Thomas Patrick;CHEN, Lee Su-Nam;CRONÉ, Danièle;KAPP, Jaclyn Odette;PETROV, Daniel Borislavov~

2019/04151 ~ Complete ~54:METHOD FOR EXTRACTING LIPOXYGENASE FROM SOYBEAN WHEY WASTEWATER BY REVERSE PH GRADIENT ~71:Qilu University of Technology (Shandong Academy of Sciences), No.3501, Daxue Road, Changqing District, 250353, People's Republic of China ~72: Zhang Zhiguo~ 33:CN ~31:201910050784.1 ~32:20/01/2019

2019/04156 ~ Complete ~54:CHIMERIC CYTOKINE RECEPTOR ~71:AUTOLUS LIMITED, Forest House 58 Wood Lane White City, London, W12 7RZ, United Kingdom ~72: JAMES SILLIBOURNE;MARTIN PULÉ;MATTEO RIGHI;SHAUN CORDOBA;SHIMOBI ONUOHA;SIMON THOMAS~ 33:GB ~31:1514875.2 ~32:20/08/2015

2019/04161 ~ Complete ~54:METHODS AND SYSTEMS USING IONOPHORES TO CONTROL CONTAMINATION IN FERMENTATION OF GASEOUS SUBSTRATES ~71:SYNATA BIO, INC., 4575 Weaver Pkwy., Suite 100, United States of America ~72: TERRILL, Jennine B.~ 33:US ~31:62/438,211 ~32:22/12/2016

2019/04163 ~ Complete ~54:COMMUNICATION METHOD, APPARATUS AND SYSTEM ~71:University of KwaZulu-Natal, (IP and Technology Transfer Office), Research Office, Govan Mbeki Centre, University of KwaZulu-Natal Westville Campus, DURBAN 4000, KwaZulu-Natal, SOUTH AFRICA, South Africa ~72: Pillay , Narushan;Xu, HongJun~ 33:GB ~31:1620288.9 ~32:30/11/2016

2019/04165 ~ Complete ~54:METHOD FOR TRANSMITTING DATA, TERMINAL DEVICE AND NETWORK DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road Wusha, Chang'an, People's Republic of China ~72: TANG, Hai~

2019/04191 ~ Complete ~54:IMAGE PROCESSING METHOD AND DEVICE, AND NON-TRANSITORY COMPUTER-READABLE STORAGE MEDIUM ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: JIANBO SUN~ 33:CN ~31:PCT/CN2016/111147 ~32:20/12/2016;33:CN ~31:PCT/CN2016/111149 ~32:20/12/2016

2019/04160 ~ Complete ~54:CALICHEAMICIN DERIVATIVES AND ANTIBODY DRUG CONJUGATES THEREOF ~71:PFIZER INC., 235 East 42nd Street, United States of America ~72: AHMAD, Omar, Khaled;BROWN, Stephen, Paul;DIRICO, Kenneth, John;DUSHIN, Russell;FILZEN, Gary, Frederick;PUTHENVEETIL, Sujiet;STROP, Pavel;SUBRAMANYAM, Chakrapani;TUMEY, Lawrence N.~ 33:US ~31:62/449,839 ~32:24/01/2017

2019/04174 ~ Complete ~54:BISPECIFIC ANTIGEN BINDING MOLECULES COMPRISING ANTI-4-1BB CLONE 20H4.9 ~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72: CLAUS, Christina;FERRARA KOLLER, Claudia;KLEIN, Christian;UMAÑA, Pablo;XU, Wei~ 33:EP ~31:17150150.5 ~32:03/01/2017;33:EP ~31:17164224.2 ~32:31/03/2017

2019/04182 ~ Complete ~54:REAR DOOR OF BODIES OF LORRIES OR LORRY TRAILERS ~71:RAINER KARL SCHUH, Willendorfer Gasse 34, 2700 Wiener Neustadt, Österreich, Austria ~72: RAINER KARL SCHUH~

2019/04185 ~ Complete ~54:TIANEPTINE OXALATE SALTS AND POLYMORPHS ~71:TONIX PHARMA HOLDINGS LIMITED, Canon's Court, 22 Victoria Street, Hamilton, HM 12, Bermuda ~72: ENRICO MODENA;MARK T EDGAR;MICHEL CHIARUCCI;SERENA FABBRONI;STEFANO LUCA GIAFFREDA~ 33:US ~31:62/439,533 ~32:28/12/2016

2019/04186 ~ Complete ~54:SYSTEM AND METHOD FOR REDUCING FRAUD IN TRADE INSURANCE AND FINANCING ~71:VESL PTE. LTD., 50 Raffles Place, #37-00 Singapore Land Tower, Singapore, 048623, Singapore ~72: CHRISTIAN CALABIA;JESSICA JARDELEZA MANIPON;MAUREEN NOVA CHUA LEDESMA;YROEN GUAYA MELGAR~ 33:US ~31:62/430,396 ~32:06/12/2016

2019/04187 ~ Complete ~54:METHOD AND COMPOSITION ~71:CCM TECHNOLOGIES LIMITED, Centre for Innovation and Enterprise, Oxford University, Begbroke Science Park, Woodstock Road, Begbroke, OX5 1PF, Oxfordshire, United Kingdom ~72: PETER HAMMOND~ 33:GB ~31:1700337.7 ~32:09/01/2017

2019/04188 ~ Complete ~54:COMBINATION THERAPY FOR THE TREATMENT OF CANCER ~71:G1 THERAPEUTICS, INC., 79 TW Alexander Drive, 4501 Research Commons, Suite 100, Research Triangle Park, 27709, North Carolina, United States of America;THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, 352 Administration Building 506 South Wright Street, Urbana, 61801, Illinois, United States of America ~72: DEBRA A TONETTI;GREGORY R THATCHER;JAY C STRUM;JIONG ZHAO;RUI XIONG~ 33:US ~31:62/443,588 ~32:06/01/2017

2019/04193 ~ Complete ~54:ETHYLENE OLIGOMERIZATION PROCESSES ~71:CHEVRON PHILLIPS CHEMICAL COMPANY LP, 10001 Six Pines Drive, The Woodlands, 77380, Texas, United States of America ~72: BROOKE L SMALL;BRUCE E KREISCHER;ERIC J NETEMEYER;JAMIE N SUTHERLAND;ORSON L SYDORA;RON D KNUDSEN;RYAN W SNELL;STEVEN M BISCHOF;WILLIAM J FISHER~ 33:US ~31:15/394,317 ~32:29/12/2016

2019/04194 ~ Complete ~54:METHOD FOR REDUCING DATA TRANSFER FROM A SERVER TO A PORTABLE DEVICE ~71:Raja Singh Tuli, TULI, Raja 315 Rue Prince-Arthur O, App 302 Montreal, QC H2X 3R8 Canada, Canada ~72: Raja Singh Tuli~ 33:US ~31:15/366538 ~32:01/12/2016

2019/03483 ~ Complete ~54:DUAL-POLARIZATION BEAMFORMING ~71: ~72: ANDREAS NILSSON;FREDRIK ATHLEY;SVEN PETERSSON~

2019/04179 ~ Complete ~54:PNEUMATICALLY PILOTED RETAINER VALVE FOR RAIL CARS ~71:New York Air Brake, LLC, 748 Starbuck Avenue, United States of America ~72: CONNELL, Jason;WRIGHT, Eric C~ 33:US ~31:15/413,535 ~32:24/01/2017

2019/04183 ~ Complete ~54:QUENCH HARDENED STEEL ~71:SSAB TECHNOLOGY AB, P.O. Box 70, 101 21, Stockholm, Sweden ~72: TOMMI LIIMATAINEN~ 33:EP ~31:17153320.1 ~32:26/01/2017;33:EP ~31:17157301.7 ~32:22/02/2017

2019/04184 ~ Complete ~54:METHOD AND DEVICE FOR ROLLING METAL STRIPS ~71:OUTOKUMPU OYJ, Salmisaarenranta 11, 00180 Helsinki, Finland ~72: ANDREAS ZEIDLER;STEFAN SCHUBERTH;THORSTEN PINIEK~ 33:EP ~31:16207599.8 ~32:30/12/2016

2019/04180 ~ Complete ~54:APPARATUS FOR AUTOMATICALLY REPLACING A TUNGSTEN ELECTRODE FOR TUNGSTEN INERT GAS WELDING OF A ROBOT WELDING SYSTEM AND CORRESPONDING METHOD ~71:SHANGHAI ELECTRIC NUCLEAR POWER EQUIPMENT CO. LTD., No. 77 Cenglin Road, Lingang New Area, Pudong New District, People's Republic of China ~72: LUO, Qing;TANG, Weibao;YANG, Chengdong;ZHANG, Maolong~ 33:CN ~31:201710022485.8 ~32:12/01/2017

2019/04189 ~ Complete ~54:FORCED-CONVECTION, STEAM-HEATING OF NUTS WITH PREHEATING ~71:LAITRAM, L.L.C., Legal Department 200 Laitram Lane, Harahan, 70123, Louisiana, United States of America ~72: III JAMES M LAPEYRE;JOSEPH F KOVACS;MICHAEL V SCLAFINI~ 33:US ~31:15/402,889 ~32:10/01/2017

2019/04190 ~ Complete ~54:NOVEL AMINO-IMIDAZOPYRIDINE DERIVATIVES AS JANUS KINASE INHIBITORS AND PHARMACEUTICAL USE THEREOF ~71:LEO PHARMA A/S, Industriparken 55 2750 Ballerup, Denmark ~72: ANDREAS RITZEN;JENS LARSEN;LARS KYHN RASMUSSEN;MOGENS LARSEN;TINE MARIANNE DUUS~ 33:EP ~31:17151020.9 ~32:11/01/2017

2019/04177 ~ Complete ~54:AMINOTHIAZOLE COMPOUNDS AS C-KIT INHIBITORS ~71:Ariad Pharmaceuticals, Inc., 40 Landsdowne Street, CAMBRIDGE 02139, MA, USA, United States of America ~72: BENCIVENGA, Nicholas E.;DALGARNO, David C.;GOZGIT, Joseph M.;HUANG, Wei-sheng;KOHLMANN, Anna;LI, Feng;QI, Jiwei;SHAKESPEARE, William C.;THOMAS, Ranny M.;WANG, Yihan;ZHU, Xiaotian~ 33:US ~31:62/434,845 ~32:15/12/2016

2019/04197 ~ Provisional ~54:INTIMATE WASH ~71:Sindiswa Sineliseko Xolisile Khoza, 326 PRETORIA ROAD, SILVERTON CASAMIA FLAT, South Africa ~72: SINDISWA SINELISEKO XOLISILE KHOZA~

2019/04152 ~ Complete ~54:GREENING METHOD FOR LONG, LARGE AND STEEP ROCK SLOPE ~71:CHINA RAILWAY 18 BUREAU GROUP CO., LTD., SHUANGGANG, JINNAN DISTRICT, TIANJIN, CHINA, People's Republic of China ~72: ZHANG, Xiangping~

2019/04153 ~ Complete ~54:APPARATUS FOR EXTENDING THE RANGE OF AN ELECTRIC VEHICLE ~71:MAKHWILIRI, Thabiso Oriel, 27 Olivia Road, Eveleigh, South Africa ~72: MAKHWILIRI, Thabiso Oriel~ 33:ZA ~31:2018/02855 ~32:26/03/2018

2019/04154 ~ Complete ~54:IN VITRO PROPAGATION OF CRITICALLY ENDANGERED EUPHORBIA SPECIES ~71:UNIVERSITY OF LIMPOPO, Turfloop Campus, Tzaneen Road, Mankweng, SOVENGA 0727, Limpopo, SOUTH AFRICA, South Africa ~72: MAPHETO, Makgahlela Wilson;MOKWALA, Phatlane William;NIKOLOVA, Roumiana~ 33:ZA ~31:2018/04886 ~32:20/07/2018

2019/04157 ~ Complete ~54:CERTIFICATE VERIFYING METHOD, DEVICE, COMPUTER DEVICE AND STORAGE MEDIUM ~71:PING AN TECHNOLOGY (SHENZHEN) CO., LTD., 23F, Ping'an financial Center, No. 5033 Yitian Road, Fu'an community of Futian Street, Futian district, Shenzhen, Guangdong Province, People's Republic of China ~72: JINLUN HUANG~ 33:CN ~31:2018111061596 ~32:21/09/2018

2019/04158 ~ Complete ~54:USE OF A POLYMER COMPOSITION FOR THE PRODUCTION OF ARTICLES WITH IMPROVED PAINTABILITY AND SURFACE APPEARANCE ~71:BOREALIS AG, IZD Tower, Wagramer Strasse 17¿19, Austria ~72: BOGDANOVIC, Milorad;KAHLEN, Susanne;KNIESEL, Claudia;LUMMERSTORFER, Thomas;MILEVA, Daniela~ 33:EP ~31:17154520.5 ~32:03/02/2017

2019/04159 ~ Complete ~54:METHOD AND TOOL FOR UNINSTALLING A FILTER ELEMENT FROM A PIPELINE ~71:GEDORE¿WERKZEUGFABRIK GMBH & CO. KG, Remscheider Straße 149, Remscheid, Germany ~72: KNAK, Volker;MÜNSTER, Florian~ 33:EP ~31:16206644.3 ~32:23/12/2016

2019/04162 ~ Complete ~54:METHOD FOR REPORTING BOVINE ESTRUS ~71:INSTITUTE OF ANIMAL SCIENCES OF CHINESE ACADEMY OF AGRICULTURAL SCIENCES, NO. 2 YUANMINGYUAN WEST ROAD, HAIDIAN DISTRICT, BEIJING 100193, CHINA, People's Republic of China ~72: CHEN, Xiaoli;LI, Lanqi;WANG, Dong~ 33:CN ~31:201711354611.6 ~32:15/12/2017

2019/04168 ~ Complete ~54:FACILITY FOR PRODUCING AND TREATING A GAS STREAM THROUGH A VOLUME OF LIQUID ~71:Starklab, 28 rue Henri Derain, NOMAIN 59310, FRANCE, France ~72: ZEMMOURI, M. Jaouad~ 33:FR ~31:1663416 ~32:27/12/2016

2019/04170 ~ Complete ~54:1H-PYRROLE-2,5-DIONE COMPOUNDS AND METHODS OF USING THEM TO INDUCE SELF-RENEWAL OF STEM/PROGENITOR SUPPORTING CELLS ~71:Frequency Therapeutics, Inc., 19 Presidential Way, WOBURN 01801, MA, USA, United States of America ~72: LOOSE, Christopher;MANCHANDA, Rajesh;MCLEAN, Will;TAIT, Bradley~ 33:US ~31:62/441,060 ~32:30/12/2016;33:US ~31:62/484,282 ~32:11/04/2017

2019/04175 ~ Complete ~54:WOUND CORE AND MANUFACTURING METHOD THEREOF ~71:NIPPON STEEL CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, TOKYO 1008071, JAPAN, Japan ~72: MINEMATSU, Eisuke;MIZOKAMI, Masato;MIZUMURA, Takahito;TAKAHASHI, Fumiaki;UEMURA, Toshihiko;YABUMOTO , Masao~ 33:JP ~31:2017-001829 ~32:10/01/2017

2019/04176 ~ Complete ~54:T CELL RECEPTORS WITH IMPROVED PAIRING ~71:Immatics Biotechnologies GmbH, Paul-Ehrlich-Straße 15, TÜBINGEN 72076, GERMANY, Germany ~72: ALTEN, Leonie;BUNK, Sebastian;FERBER, Mathias;FRITSCHE, Jens;HOFFGAARD, Franziska;MAURER, Dominik;WAGNER, Claudia~ 33:DE ~31:10 2016 123 893.7 ~32:08/12/2016;33:US ~31:62/497,895 ~32:08/12/2016

2019/04196 ~ Provisional ~54:CREATING BIODIESEL MADE OF COTTON SEEDOIL EXTRACTS ~71:BOIPELO NELLY MOTSHABI, 2910 Unit 9, Ga-Rankuwa, South Africa ~72: BOIPELO NELLY MOTSHABI~

2019/04198 ~ Provisional ~54:T-LICIOUS ~71:ANNALIE CATHERINA MAGRIETHA VAN DER MERWE, 99 De Beers Road, Strand,, South Africa ~72: FRANCOISE STEPHANIE STRYDOM~

. - APPLIED ON 6/27/2019 -

2019/04240 ~ Complete ~54:COMMUNICATION APPARATUS AND COMMUNICATION METHOD ~71:PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, 20000 Mariner Avenue Suite 200, Torrance, 90503, California, United States of America ~72: TAKASHI IWAI;TOMOHUMI TAKATA;YOSHIO URABE~ 33:JP ~31:2017-030217 ~32:21/02/2017

2019/04241 ~ Complete ~54:NOVEL COMPOUND AND PHARMACOLOGICALLY ACCEPTABLE SALT THEREOF ~71:MEIJI SEIKA PHARMA CO., LTD., 4-16, Kyobashi 2-chome Chuo-ku, Tokyo, 1048002, Japan ~72: KEIJI TAMURA;NATSUKI ISHIDA;SATOSHI ISSHIKI;SHOHEI OUCHI;TAKASHI MATSUHIRA;TAKERU YAMAKAWA;YOSHINARI WAKIYAMA;YUJI TABATA~ 33:JP ~31:2016-251577 ~32:26/12/2016;33:JP ~31:2017-089251 ~32:28/04/2017

2019/04242 ~ Complete ~54:COMPOSITIONS AND RELATED METHODS FOR MODULATING ENDOSYMBIONTS ~71:FLAGSHIP PIONEERING INNOVATIONS V, INC., 55 Cambridge Parkway, 8th Floor, Cambridge, 02142, Massachusetts, United States of America ~72: BARRY ANDREW MARTIN;IGNACIO

MARTINEZ;MAIER STEVE AVENDANO AMADO;ZACHARY GARO ARMEN~ 33:US ~31:62/463,451 ~32:24/02/2017;33:US ~31:62/583,990 ~32:09/11/2017

2019/04233 ~ Complete ~54:CURRENCY TYPE SWITCHING METHOD AND DEVICE ~71:ALIBABA GROUP HOLDING LIMITED, Fourth Floor, One Capital Place, P.O. Box 847, George Town, Grand Cayman, Cayman Islands ~72: FEI NI~ 33:CN ~31:201710002177.9 ~32:03/01/2017

2019/04218 ~ Complete ~54:ANTI¿CCR7 ANTIBODY DRUG CONJUGATES ~71:NOVARTIS AG, Lichtstrasse 35, Switzerland ~72: BENDER, Steven;CHARLTON, Tracy;GALKIN, Anna;GEIERSTANGER, Bernhard;GLASER, Scott, Martin;KASIBHATLA, Shailaja;KNUTH, Mark;ROTTMANN, Sabine;RUE, Sarah;SPRAGGON, Glen;UNO, Tetsuo~ 33:US ~31:62/454,476 ~32:03/02/2017

2019/04219 ~ Complete ~54:A METHOD OF PERFORMING A PROCEDURE ON AN ANIMAL INVOLVING STUNNING AND/OR KILLING SAID ANIMAL ~71:KIEZEBRINK, Harm, Tunbyvägen 3b, TOREKOV 26977 , SWEDEN, Sweden ~72: KIEZEBRINK, Harm~ 33:NL ~31:2017948 ~32:07/12/2016

2019/04221 ~ Complete ~54:CONSENSUS VERIFICATION METHOD AND DEVICE ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: TANG, Qiang~ 33:CN ~31:201710292517.6 ~32:28/04/2017

2019/04223 ~ Complete ~54:BLOCKCHAIN-BASED DATA STORAGE AND QUERY METHOD AND DEVICE ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: QIU, Honglin~ 33:CN ~31:201710191771.7 ~32:28/03/2017

2019/04224 ~ Complete ~54:BLOCKCHAIN-BASED CONSENSUS METHOD AND DEVICE ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: TANG, Qiang~ 33:CN ~31:201710190786.1 ~32:28/03/2017

2019/04212 ~ Provisional ~54:AN IDLER FRAME ~71:VINE, Cuan Roland, 19 Wright Street, Factoria, South Africa;VINE, Nicole, 1 Glen Road, Bryanston, South Africa ~72: VINE, Cuan Roland~

2019/04228 ~ Complete ~54:NEEDLESTICK PREVENTION DEVICE ~71:Star Syringe Limited, First Floor, Thavies Inn House, 3-4 Holborn Circus, LONDON EC1N 2HA, UNITED KINGDOM, United Kingdom ~72: KRAMER, Steffen;MADIN, Graham John;RUDOLF, Norbert~ 33:GB ~31:1621266.4 ~32:14/12/2016;33:PK ~31:PK49/2017 ~32:24/01/2017

2019/04232 ~ Complete ~54:BLOCKCHAIN-BASED DATA PROCESSING METHOD AND EQUIPMENT ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: QIU, Honglin~ 33:CN ~31:201710191658.9 ~32:28/03/2017

2019/04237 ~ Complete ~54:METHOD FOR PRODUCING NICKEL CONTAINING INDURATED CHROMITE PELLETS, METHOD FOR PRODUCING FERROCHROME NICKEL ALLOY AND INDURATED CHROMITE PELLET ~71:OUTOTEC (FINLAND) OY, Rauhalanpuisto 9, Espoo, 02230, Finland ~72: JARMO SAARENMAA;LAURI NÄRHI;OLLI PEKKALA;PASI MÄKELÄ;PETRI PALOVAARA~ 33:FI ~31:20166046 ~32:30/12/2016

2019/04238 ~ Complete ~54:MONOCLONAL ANTI-ALPHA-SYNUCLEIN ANTIBODIES FOR PREVENTING TAU AGGREGATION ~71:H. LUNDBECK A/S, Ottiliavej 9, 2500, Valby, Denmark ~72: JEPPE FALSIG

PEDERSEN;KARINA FOG~ 33:DK ~31:PA201600782 ~32:22/12/2016;33:DK ~31:PA201700016 ~32:05/01/2017

2019/04239 ~ Complete ~54:TYROSINE AMIDE DERIVATIVES AS RHO- KINASE INHIBITORS ~71:CHIESI FARMACEUTICI S.P.A., Via Palermo, 26/A, 43122, Parma, Italy ~72: ALESSANDRO ACCETTA;ANNA MARIA CAPELLI;ARNAUD JEAN FRANCOIS AUGUSTE CHEGUILLAUME;CHRISTINE EDWARDS;DAVID EDWARD CLARK;FABIO RANCATI;GURDIP BHALAY;PATRIZIA TISSELLI~ 33:EP ~31:17153785.5 ~32:30/01/2017

2019/04243 ~ Complete ~54:AZIRIDINE SPINOSYN DERIVATIVES AND METHODS OF MAKING ~71:AGRIMETIS, LLC, 10751 Falls Road, Suite 300, Lutherville, 21093, Maryland, United States of America ~72: ANDREW CALABRESE~ 33:US ~31:62/446,177 ~32:13/01/2017

2019/04207 ~ Provisional ~54:SAUTI COMPANY'S COMMUNICATION APPLICATION ~71:RAMODIDI JOHANNES KGAOLE, 32 RUBY STREET MEREDALEX2, South Africa ~72: RAMODIDI JOHANNES KGAOLE~

2019/04211 ~ Provisional ~54:MONEY TRANSFERS USING VOUCHERS ~71:Muzi Xaba, j1088 Gwele Road, South Africa ~72: Muzi Xaba~

2019/04213 ~ Provisional ~54:WATER RECYCLING ARRANGEMENT ~71:LALO, Malube Travis, 777 USA Street, Extension 5, Cosmo City, JOHANNEBURG 2188, Gauteng, SOUTH AFRICA, South Africa ~72: LALO, Malube Travis~

2019/04214 ~ Complete ~54:LIQUID DISPENSER ~71:COOPER, Paul Jacobus, 222 Rondebult Street, South Africa ~72: COOPER, Paul Jacobus~ 33:ZA ~31:2018/04332 ~32:28/06/2018

2019/04215 ~ Complete ~54:DRIFT REDUCTION ADJUVANT COMPOSITIONS AND METHODS OF USING SAME ~71:WINFIELD SOLUTIONS, LLC, 1080 County Road F West, Shoreview, 55126, Minnesota, United States of America ~72: DANIEL C BISSELL;DANNY BROWN~ 33:US ~31:16/023,790 ~32:29/06/2018

2019/04226 ~ Complete ~54:AQUEOUS POLYESTER DISPERSIONS, ARTICLES HAVING A COATING FORMED FROM SUCH AQUEOUS DISPERSIONS, AND METHODS OF COATING ~71:SWIMC LLC, 1101 South Third Street, MINNEAPOLIS 55415, MN, USA, United States of America ~72: O'BRIEN, Robert M.;RIAZZI, Arthur~ 33:US ~31:62/436,112 ~32:19/12/2016

2019/04229 ~ Complete ~54:METHOD OF MANUFACTURING A QUENCHED MEMBER AND QUENCHED MEMBER ~71:NIPPON STEEL CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, TOKYO 1008071, JAPAN, Japan ~72: NAKAZAWA, Yoshiaki;SUZUKI, Toshiya~ 33:JP ~31:2017-049911 ~32:15/03/2017

2019/04230 ~ Complete ~54:SERVICE PROCESSING AND CONSENSUS METHOD AND DEVICE ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: LI, Yi~ 33:CN ~31:201710191462.X ~32:28/03/2017

2019/04220 ~ Complete ~54:METHOD AND DEVICE FOR EXPANDING A METAL ELEMENT ~71:PROTEKTORWERK Florenz Maisch GmbH & Co. KG, Viktoriastraße 58, GAGGENAU 76571, GERMANY, Germany ~72: WEINMANN, Andreas;WILLERSCHEID, Heiner~ 33:DE ~31:10 2017 100 920.5 ~32:18/01/2017

2019/04222 ~ Complete ~54:HETEROARYLPHENOXY BENZAMIDE KAPPA OPIOID LIGANDS ~71:Pfizer Inc., 235 East 42nd Street, NEW YORK 10017, NY, USA, United States of America ~72: ARORA, Kapildev Kashmirilal;BRODNEY, Michael Aaron;DUNN, Matthew Francis;GREEN, Michael Eric;KABLAOUI, Natasha Mariam;KAUFFMAN, Gregory Wayne;MENTE, Scot Richard;MONTGOMERY, Justin Ian;RANKIC, Danica

Antonia;ROGERS, Bruce Nelsen;VERHOEST, Patrick Robert~ 33:US ~31:62/426,980 ~32:28/11/2016;33:US ~31:62/576,435 ~32:24/10/2017;33:US ~31:62/585,016 ~32:13/11/2017

2019/04225 ~ Complete ~54:PYRAZOLOPYRIMIDINE COMPOUNDS AND METHODS OF USE THEREOF ~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72: CHENG, Limin;CHENG, Yun-Xing;GIBBONS, Paul;LI , Wei;ROMERO, F. Anthony;YUEN, Po-wai;ZAK, Mark;ZHAO, Guiling~ 33:IB ~31:2016/112932 ~32:29/12/2016

2019/04217 ~ Complete ~54:ELECTROSURGICAL APPARATUS AND ELECTROSURGICAL INSTRUMENT ~71:CREO MEDICAL LIMITED, Block B, Beaufort Park, United Kingdom ~72: BURN, Patrick;HANCOCK, Christopher Paul;TURNER, Louis;WHITE, Malcolm~ 33:GB ~31:1702252.6 ~32:10/02/2017

2019/04208 ~ Provisional ~54:LABORBIZ DIGITAL MAGAZINE ~71:RAMODIDI JOHANNES KGAOLE, 32 RUBY STREET, MEREDALE X2, South Africa ~72: RAMODIDI JOHANNES KGAOLE~

2019/04227 ~ Complete ~54:PYRIMIDINE TRICYCLIC ENONE DERIVATIVES FOR INHIBITION OF ROR¿ AND OTHER USES ~71:Reata Pharmaceuticals, Inc., 2801 Gateway Drive, Suite 150, IRVING 75063-2648, TX, USA, United States of America ~72: BENDER, Christopher F.;BOLTON, Gary;CAPRATHE, Bradley William;HOTEMA, Martha R.;JIANG, Xin;KORNBERG, Brian;LEE, Chitase;SHELDON, Zachary S.;VISNICK, Melean~ 33:US ~31:62/435,588 ~32:16/12/2016

2019/04231 ~ Complete ~54:BLOCKCHAIN-BASED DATA PROCESSING METHOD AND DEVICE ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: QIU, Honglin~ 33:CN ~31:201710190740.X ~32:28/03/2017

2019/04234 ~ Complete ~54:AMINE-SUBSTITUTED HETEROCYCLIC COMPOUNDS AS EHMT2 INHIBITORS AND METHODS OF USE THEREOF ~71:EPIZYME, INC., 400 Technology Square 4th Floor, Cambridge, 02139, Massachusetts, United States of America ~72: JOHN EMMERSON CAMPBELL;KENNETH WILLIAM DUNCAN~ 33:US ~31:62/436,139 ~32:19/12/2016;33:US ~31:62/517,840 ~32:09/06/2017

2019/04235 ~ Complete ~54:METHODS FOR IMPROVED RAPID ANTIMICROBIAL SUSCEPTIBILITY TESTING ~71:SELUX DIAGNOSTICS, INC., 56 Roland Street, Suite 206, Charlestown, 02129, Massachusetts, United States of America ~72: ALEKSANDAR VACIC;BENJAMIN SPEARS;ERIC STERN;FELICIA GIOK;KELLY FLENTIE~ 33:US ~31:62/438,780 ~32:23/12/2016;33:US ~31:62/488,454 ~32:21/04/2017;33:US ~31:62/535,106 ~32:20/07/2017

2019/04236 ~ Complete ~54:PYRAZOLO[3,4-B]PYRIDINES AND IMIDAZO[1,5-B]PYRIDAZINES AS PDE1 INHIBITORS ~71:H. LUNDBECK A/S, Ottiliavej 9, 2500, Valby, Denmark ~72: JAN KEHLER;KARSTEN JUHL;LARS KYHN RASMUSSEN;MAURO MARIGO;MIKKEL JESSING;MORTEN LANGGÅRD;PAULO JORGE VIEIRA VITAL~ 33:DK ~31:PA201600784 ~32:22/12/2016;33:DK ~31:PA201700404 ~32:06/07/2017

2019/04317 ~ Provisional ~54:T-WASHING MACHINE ~71:MPHO LEKOLOANE, MOHLABI 20, South Africa ~72: MPHO LEKOLOANE;MPHO LEKOLOANE~

2019/04216 ~ Complete ~54:THERMAL COLLECTING FILM FOR SOLAR THERMAL POWER GENERATION AND MANUFACTURING METHOD FOR SAME ~71:NANO FRONTIER TECHNOLOGY CO., LTD., 3-10-6, OSAKI, SHINAGAWA-KU, TOKYO 1410032, JAPAN, Japan ~72: MURAKAMI, Yasushi;TSUDA, Kaoru~ 33:JP ~31:2017-010110 ~32:24/01/2017

2019/04206 ~ Provisional ~54:GOODS DECLARATION APPLICATION ~71:TSIANE ALEC TSOLOANE, 40 CARPENTIER STREET, VANDERBIJL PARK, South Africa ~72: TSIANE ALEC TSOLOANE~

- APPLIED ON 6/28/2019 -

2019/04268 ~ Complete ~54:SYSTEM AND METHOD FOR SOLAR VAPOR EVAPORATION AND CONDENSATION ~71:THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, Technology Transfer, University At Buffalo, UB Commons, 520 Lee Entrance, Suite 109, Buffalo, United States of America ~72: GAN, Qiaoqiang;LI, Chenyu;LIU, Zhejun;SINGER, Matthew;SONG, Haomin;YU, Zongfu~ 33:US ~31:62/428,138 ~32:30/11/2016;33:US ~31:62/517,604 ~32:09/06/2017

2019/04269 ~ Complete ~54:PYRROLOBENZODIAZEPINE-ANTIBODY CONJUGATES ~71:ADC THERAPEUTICS SA, Route de la Corniche 3B, Switzerland;MEDIMMUNE LIMITED, Milstein Building, Granta Park, United Kingdom ~72: VAN BERKEL, Patricius Hendrikus Cornelis~ 33:GB ~31:1702031.4 ~32:08/02/2017;33:GB ~31:1719391.3 ~32:22/11/2017;33:GB ~31:1719393.9 ~32:22/11/2017;33:GB ~31:1719398.8 ~32:22/11/2017

2019/04273 ~ Complete ~54:COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR GENERATING AND EXTRACTING USER RELATED DATA STORED ON A BLOCKCHAIN ~71:nChain Holdings Limited, Fitzgerald House, 44 Church Street, ST. JOHN'S, ANTIGUA & BARBUDA, Antigua and Barbuda ~72: SEWELL, Martin;VSEVOLOZHSKY, Vera~ 33:GB ~31:1701605.6 ~32:31/01/2017;33:GB ~31:1701608.0 ~32:31/01/2017

2019/04276 ~ Complete ~54:DEVICE AND METHOD FOR PRESS-BENDING GLASS SHEETS ~71:Saint-Gobain Glass France, 18 Avenue d'Alsace, COURBEVOIE 92400, FRANCE, France ~72: BORDERIOU, Arnaud;PALMANTIER, Arthur;SCHILLINGS, Peter;ZEICHNER, Achim~ 33:EP ~31:17165667.1 ~32:10/04/2017

2019/04295 ~ Complete ~54:APPARATUSES AND METHODS FOR PRODUCING OPTICAL EFFECT LAYERS ~71:SICPA HOLDING SA, Avenue de Florissant 41, PRILLY 1008, SWITZERLAND, Switzerland ~72: LOGINOV, Evgeny;MUELLER, Edgar;SCHMID, Mathieu~ 33:EP ~31:17153905.9 ~32:31/01/2017

2019/04300 ~ Complete ~54:WEAPONS SYSTEM HAVING AT LEAST TWO HEL EFFECTORS ~71:Rheinmetall Waffe Munition GmbH, Heinrich-Ehrhardt-Str. 2, UNTERLÜß 29345, GERMANY, Germany ~72: JUNG, Markus;LUDEWIGT, Klaus~ 33:DE ~31:10 2017 104 662.3 ~32:06/03/2017

2019/04302 ~ Complete ~54:LAMINATED GLASS FOR IMPLEMENTING HUD FUNCTION ~71:Saint-Gobain Glass France, 18, Avenue d'Alsace, COURBEVOIE 92400, FRANCE, France ~72: GU, Yunxin;SHI, Ce;ZHOU, Chong~ 33:CN ~31:201710207804.2 ~32:31/03/2017

2019/04254 ~ Complete ~54:WOLFRAMITE SORTING METHOD ~71:QINGHAI GEOLOGICAL AND MINERAL TESTING CENTER, GUANGNING ROAD, CHENGNAN INDUSTRIAL PARK, XINING CENTRAL DISTRICT, QINGHAI PROVINCE, CHINA, People's Republic of China ~72: DONG, Hongjun;LIU, Dao;SUN, Xiaohua;WEI, Zhenhong;XIE, Haidong;XIONG, Xin;ZHAO, Yuqing~

2019/04255 ~ Complete ~54:DOUBLE-BUSBAR HIGH VOLTAGE SWITCHGEAR ~71:YIHE ELECTRIC GROUP CO., LTD., NO. 717, HUAIHE WEST ROAD, HUANGDAO DISTRICT, QINGDAO, SHANDONG, 266510 CHINA, People's Republic of China ~72: GAO, Xiang;KONG Xiangchong;PENG Fengjuan;SONG, Dewen;SUI, Binghan;ZHU Jiqin~ 33:CN ~31:2018112914562 ~32:31/10/2018

2019/04256 ~ Complete ~54:GUTTER SYSTEM ~71:HENTINA TRUST, 67 Lakeside Village, Eagle Canyon Golf Estate, Honeydew, South Africa ~72: LANGE, Leslie, William~ 33:ZA ~31:2018/04369 ~32:29/06/2018

2019/04265 ~ Complete ~54:AZOLOPYRIMIDINE FOR THE TREATMENT OF CANCER-RELATED DISORDERS ~71:ARCUS BIOSCIENCES, INC., 3928 Point Eden Way, United States of America ~72: BEATTY, Joel;DEBIEN, Laurent;JEFFREY, Jenna;LELETI, Manmohan Reddy;MANDAL, Debashis;MILES, Dillon;POWERS, Jay;ROSEN, Brandon;SHARIF, Ehesan;THOMAS-TRAN, Rhiannon~ 33:US ~31:62/448,608 ~32:20/01/2017;33:US ~31:62/479,005 ~32:30/03/2017

2019/04267 ~ Complete ~54:OBTAINING HIGH-PERFORMANCE YEAST STRAINS FOR METABOLIZING ARABINOSE ~71:LESAFFRE ET COMPAGNIE, 41 rue Etienne Marcel, France ~72: DESFOUGERES, Thomas;FRITSCH, Emilie;PIGNEDE, Georges;RAVE, Christophe;THOREL, Claire~ 33:FR ~31:1750550 ~32:24/01/2017

2019/04284 ~ Complete ~54:STERILIZING APPARATUS FOR THE STERILIZATION OF POST-CONSUMER ABSORBENT SANITARY PRODUCTS ~71:Fater S.p.A., Via Alessandro Volta 10, PESCARA I-65129, ITALY, Italy ~72: PAGOTTO, Amedeo;SOMMA, Marcello;VACCARO, Giorgio~ 33:IT ~31:102017000012621 ~32:06/02/2017

2019/04286 ~ Complete ~54:ANTI-OX40 ANTIBODIES AND THEIR USES ~71:AbbVie Biotherapeutics Inc., 1500 Seaport Boulevard, REDWOOD CITY 94063, CA, USA, United States of America ~72: HARDING, Fiona A.~ 33:US ~31:62/434,761 ~32:15/12/2016

2019/04293 ~ Complete ~54:ISOFORM-SPECIFIC, CONTEXT-PERMISSIVE TGFß1 INHIBITORS AND USE THEREOF ~71:Scholar Rock, Inc., 620 Memorial Drive, 2nd Floor, CAMBRIDGE 02139, MA, USA, United States of America ~72: BUCKLER, Alan;CARVEN, Gregory J.;DATTA, Abhishek;KALRA, Ashish;LONG, Kimberly;MARTIN, Constance;SCHURPF, Thomas~ 33:US ~31:62/443,615 ~32:06/01/2017;33:US ~31:62/452,866 ~32:31/01/2017;33:US ~31:62/514,417 ~32:02/06/2017;33:US ~31:62/529,616 ~32:07/07/2017;33:US ~31:62/549,767 ~32:24/08/2017;33:US ~31:62/558,311 ~32:13/09/2017;33:US ~31:62/585,227 ~32:13/11/2017;33:US ~31:62/587,964 ~32:17/11/2017;33:US ~31:62/588,626 ~32:20/11/2017

2019/04294 ~ Complete ~54:THIOBENZOIMIDAZOLE AS FUNGICIDES ~71:Redag Crop Protection Ltd, 2nd Floor, Biohub, Mereside, Alderley Park, ALDERLEY EDGE SK10 4TF, CHESHIRE, UNITED KINGDOM, United Kingdom ~72: BOOTH, Rebecca Kathryn;BUTLIN, Roger John;CHRISTOU, Stephania;URCH (Deceased), Christopher John~ 33:GB ~31:1700587.7 ~32:13/01/2017

2019/04307 ~ Complete ~54:POLYPEPTIDE-ANTIGEN CONJUGATES WITH NON-NATURAL AMINO ACIDS ~71:SUTROVAX, INC., 353 Hatch Drive, Foster City, 94404, California, United States of America ~72: JEFFERY FAIRMAN;JON HEINRICHS;WEI CHAN~ 33:US ~31:62/441,115 ~32:30/12/2016;33:US ~31:62/530,803 ~32:10/07/2017;33:US ~31:62/568,201 ~32:04/10/2017;33:US ~31:62/591,160 ~32:27/11/2017

2019/04308 ~ Complete ~54:SIDE FRAME FOR A RAILWAY TRUCK ~71:NEVIS INDUSTRIES LLC, 2711 Centerville Road, Suite 400, Wilmington, 19808, Delaware, United States of America ~72: ERIK L GOTLUND;ROSHAN N MANIBHARATHI~ 33:US ~31:15/378,697 ~32:14/12/2016

2019/04245 ~ Provisional ~54:SMART MED BOX ~71:Yunus Mohammed, 7 Selby Road , Parkwood , Johannesburg , 2193, South Africa ~72: Yunus Mohammed~

2019/04246 ~ Provisional ~54:PLANT GROWTH MEDIUM ~71:SYMONS, Michael Windsor, 16 Luipaard Road, Monument Park, Pretoria 0181, Gauteng Province, SOUTH AFRICA, South Africa ~72: SYMONS, Michael Windsor~

2019/04248 ~ Provisional ~54:DISTRIBUTION BOARD MOUNTING SYSTEM, AND A METHOD OF INSTALLING A DISTRIBUTION BOARD USING SAME ~71:ALLBRO (PTY) LTD, 121, 13th Avenue, Anderbolt Ext 32, Boksburg, Gauteng, South Africa ~72: LOUIS ETIENNE CIERENBERG;QUINTIN LAMPRECHT;RUBEN JOHAN LUUS~

2019/04259 ~ Complete ~54:DEVICE AND METHOD ~71:BATMark Limited, 4 Temple Place, LONDON WC2R 2PG, UNITED KINGDOM, United Kingdom ~72: BUCHBERGER, Helmut~ 33:GB ~31:1414331.7 ~32:13/08/2014

2019/04260 ~ Complete ~54:FRAUD DETECTION SYSTEM IN CASINO ~71:Angel Playing Cards Co., Ltd., 4600, Aono-cho, HIGASHIOMI-SHI 5270232, SHIGA, JAPAN, Japan ~72: SHIGETA, Yasushi~ 33:JP ~31:2015-163213 ~32:03/08/2015;33:JP ~31:2015-206735 ~32:01/10/2015

2019/04266 ~ Complete ~54:SWEETENING COMPOSITIONS ~71:RED BULL GMBH, Am Brunnen 1, Austria ~72: BOEHRINGER, Volker;NACHBAGAUER, Josef;URBAN-KLIK, Manfred~ 33:EP ~31:16207626.9 ~32:30/12/2016;33:US ~31:15/395,432 ~32:30/12/2016

2019/04281 ~ Complete ~54:MONITORING, AUDITING AND/OR DETERMINING DEPTH OF OR IN A BOREHOLE ~71:Globaltech Corporation Pty Ltd, 1st Floor, 883 Abernethy Road, FORRESTFIELD 6058, WA, AUSTRALIA, Australia ~72: HEJLEH, Khaled Mufid Yousef~ 33:AU ~31:2016905333 ~32:22/12/2016

2019/04285 ~ Complete ~54:SUBSTITUTED PYRAZOLE COMPOUNDS AND METHODS OF USING THEM FOR TREATMENT OF HYPERPROLIFERATIVE DISEASES ~71:Bantam Pharmaceutical, LLC, 505 Park Avenue, Suite 401, NEW YORK 10022, NY, USA, United States of America ~72: BRUNEAU-LATOUR, Nicolas;CIBLAT, Stephane;CONSTANTINEUA-FORGET, Lea;COOPER, Alan B.;DERY, Martin;GRAND-MAITRE, Chantal;KOSTURA, Matthew W.;LEVINE, Jedd;LUTHER, Michael;OZA, Vibha;SHIPPS, Gerald W.;SIDDIQUI, Arshad M.~ 33:US ~31:62/428,271 ~32:30/11/2016

2019/04898 ~ Provisional ~54:SOLAR POWERED MOBILE REFRIGIRATOR ~71:SHUPZ - BREEZE, 607 MUNNIK AVE, BENDOR, South Africa ~72: MOSUPULOGO ANNA MOTHOTSE~

2019/04292 ~ Complete ~54:HUMANIZED ANTIBODY FOR TREATING OR PREVENTING COGNITIVE DISORDERS, PROCESS FOR PRODUCING THE SAME, AND AGENT FOR TREATING OR PREVENTING COGNITIVE DISORDERS USING THE SAME ~71:Merck Sharp & Dohme Corp., 126 East Lincoln Avenue, RAHWAY 07065, NJ, USA, United States of America;Teijin Pharma Limited, 2-1, Kasumigaseki 3-chome, CHIYODA-KU 100-0013, TOKYO, JAPAN, Japan ~72: BAKER, Jeanne E.;EGUCHI, Hiroshi;JABLONSKI, Angela Marie;MALASHOCK, Daniel Stephen;MIECZKOWSKI, Carl;MURAKAMI, Takashi;NAMIKI, Naoko;PARMENTIER BATTEUR, Sophie;RAGHUNATHAN, Gopalan (raghu);TANOKURA, Akira~ 33:JP ~31:JP 2017-035594 ~32:27/02/2017

2019/04309 ~ Complete ~54:BOLSTER FOR A RAILWAY TRUCK AND METHOD FOR MANUFACTURING SAME ~71:NEVIS INDUSTRIES LLC, 2711 Centerville Road, Suite 400, Wilmington, 19808, Delaware, United States of America ~72: ERIK L GOTLUND;ROSHAN N MANIBHARATHI~ 33:US ~31:15/378,738 ~32:14/12/2016

2019/04312 ~ Complete ~54:FIBER CEMENT FLOORING PRODUCTS AND METHODS FOR THE PRODUCTION THEREOF ~71:ETERNIT NV, Kuiermansstraat 1, 1880, Kapelle-op-den-Bos, Belgium;ETEX SERVICES NV, Kuiermansstraat 1, 1880, Kapelle-op-den-Bos, Belgium ~72: LUC VAN DER HEYDEN;RUBEN BORDIN~ 33:EP ~31:17153233.6 ~32:26/01/2017;33:EP ~31:17192726.2 ~32:22/09/2017

2019/04314 ~ Complete ~54:METHODS OF TREATING CANCER WITH ANTI-TIM-3 ANTIBODIES ~71:TESARO, INC., 1000 Winter Street North, Suite 3300, United States of America ~72: BOBILEV, Dmitri;FERGUSON, Andrew R.;MCEACHERN, Kristen Anne;WANG, Jing~ 33:US ~31:62/444,354 ~32:09/01/2017;33:US ~31:62/582,272 ~32:06/11/2017

2019/04316 ~ Complete ~54:METHODS OF TREATING CANCER WITH ANTI-PD-1 ANTIBODIES ~71:TESARO, INC., 1000 Winter Street North, Suite 3300, United States of America ~72: DIAZ, Allene;IM, Ellie;JENKINS, David;LAKEN, Haley;LU, Sharon~ 33:US ~31:62/444,336 ~32:09/01/2017;33:US ~31:62/477,423 ~32:27/03/2017;33:US ~31:62/491,220 ~32:27/04/2017;33:US ~31:62/556,386 ~32:09/09/2017

2019/04313 ~ Complete ~54:HETEROCYCLIC DERIVATIVES AS ANTIBACTERIAL COMPOUNDS ~71:WOCKHARDT LIMITED, D-4, MIDC Area, Chikalthana, Aurangabad, 431006, India ~72: ANUSUYA PATEL;MAHESH VITHALBHAI PATEL;PIYUSH AMBALAL PATEL;RAJESH CHAVAN;RAJIB BHUNIYA;RAVIKUMAR TADIPARTHI;SACHIN BHAGWAT;SWAPNA SHRIPAD TAKALKAR;VIJAYKUMAR JAGDISHWAR PATIL;VIPUL RANE~ 33:IN ~31:201721007393 ~32:02/03/2017

2019/04270 ~ Complete ~54:A METHOD FOR THE FRACTIONATION OF A LIPID FRACTION AND A PROTEIN FRACTION FROM A LIPID AND PROTEIN CONTAINING BIOMASS ~71:VITO NV, Boeretang 200, Belgium ~72: BASTIAENS, Leen;D'HONDT, Els;SOETEMANS, Lise;UYTTEBROEK, Maarten~ 33:EP ~31:16207109.6 ~32:28/12/2016

2019/04277 ~ Complete ~54:SOIL CONDITIONER FOR REDUCING THE SODICITY AND DISPERSION TO IMPROVE THE WATER MOBILITY IN VARIOUS SOILS ~71:CHT Germany GmbH, Bismarckstraße 102, TÜBINGEN 72072, GERMANY, Germany ~72: BRÜCKMANN, Ralf;SAAD, John;SUNDEEP, Bhatt;WILL, Peter~ 33:EP ~31:17156108.7 ~32:14/02/2017

2019/04252 ~ Provisional ~54:FOODSTUFF MAKING APPARATUS ~71:MEAT LOVERS MARKET 1 (PTY) LIMITED, 10 EAGLE CREEK, LEITH ROAD, BOKSBURG, South Africa ~72: MEAT LOVERS MARKET 1 (PTY) LIMITED~

2019/04263 ~ Complete ~54:AUTOMATED MATERIAL INVENTORY AND DELIVERY SYSTEM FOR UNDERGROUND MINES ~71:ADMMIT INC., Unit 3, 1040 Lorne Street Sudbury, Canada ~72: BOUDREAU, Marc~ 33:US ~31:62/447,168 ~32:17/01/2017

2019/04310 ~ Complete ~54:PRODUCT FOR IMPROVING THE EXPLOITATION OF FOOD INTAKE FIBERS ~71:AGRO INNOVATION INTERNATIONAL, 18 Avenue, Franklin Roosevelt, 35400, Saint-Malo, France ~72: ANCA L LAZA-KNOERR;BENJAMIN DESPREZ;NICOLAS M ANGLADE;YVES ALIS~ 33:FR ~31:1663352 ~32:23/12/2016

2019/04315 ~ Complete ~54:OPTIMIZED STRATEGY FOR EXON SKIPPING MODIFICATIONS USING CRISPR/CAS9 WITH TRIPLE GUIDE SEQUENCES ~71:THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, 210 West 7th Street, Austin, United States of America ~72: AMOASII, Leonela;OLSON, Eric~ 33:US ~31:62/442,606 ~32:05/01/2017;33:US ~31:62/544,449 ~32:11/08/2017;33:US ~31:62/596,298 ~32:08/12/2017

2019/04247 ~ Provisional ~54:FUGITIVE GAS CAPTURE ~71:SYMONS, Michael Windsor, 16 Luipaard Road, Monument Park, Pretoria 0181, Gauteng Province, SOUTH AFRICA, South Africa ~72: SYMONS, Michael Windsor~

2019/04250 ~ Provisional ~54:A STATOR FOR USE IN A PROGRESSIVE CAVITY PUMP, AND METHOD OF MANUFACTURING SAME ~71:THE CROWN GROUP OF COMPANY (PROPRIETARY) LIMITED, 64 Hanau Street, Wolhuter, Johannesburg, 2094, South Africa ~72: HAROLD CROWN~

2019/04251 ~ Provisional ~54:AN ASSET PROTECTION APPARATUS ~71:ENERCEPTION (PTY) LTD, 8 Umvemve Place, Kloof, Durban 3610, SOUTH AFRICA, South Africa ~72: MCALLISTER, Graham Stuart~

2019/04258 ~ Complete ~54:COMPOSITIONS AND METHODS FOR EPITHELIAL STEM CELL EXPANSION AND CULTURE ~71:Massachusetts Institute of Technology, 77 Massachusetts Avenue, CAMBRIDGE 02139, MA, USA, United States of America;The Brigham and Women's Hospital, Inc., 75 Francis Street, BOSTON 02115, MA, USA, United States of America ~72: KARP, Jeffrey Michael;LANGER, Robert Samuel;SUCCI, Marc David;YIN, Xiaolei~ 33:US ~31:61/783,245 ~32:14/03/2013

2019/04261 ~ Complete ~54:SYSTEMS AND METHODS FOR AUTOMATED CONTROL OF A BEAM STAGELOADER BOOTEND ~71:JOY GLOBAL UNDERGROUND MINING LLC, 40 Pennwood Place, Suite 100, Warrendale, United States of America ~72: LEPRE, Benjamin John Robert~ 33:US ~31:62/792,164 ~32:14/01/2019

2019/04262 ~ Complete ~54:METHOD AND SYSTEM FOR SYNTHESIZING FUEL FROM DILUTE CARBON DIOXIDE SOURCE ~71:CARBON ENGINEERING LTD., 37321 GALBRAITH ROAD, SQUAMISH, BRITISH COLUMBIA V8B 0A2, CANADA, Canada ~72: CORLESS, Adrian;HEIDEL, Kenton;HOLMES, Geoff;MCCAHILL, Jenny;MURPHY, James;NOLD, Kevin;RITCHIE, Jane;STUKAS, Anna~ 33:US ~31:62/438,689 ~32:23/12/2016

2019/04271 ~ Complete ~54:A STRAIN OF YEAST SACCHAROMYCES BAYANUS SUBSP. UVARUM DBVPG36P, ITS USE IN THE FERMENTATIVE PRODUCTION OF FOODS AND A METHOD FOR THE SELECTION OF THE STRAIN ~71:Bioenologia 2.0 S.R.L., Via G. Verdi, 32, ODERZO (TV) 31046 , ITALY, Italy ~72: POLO, Maurizio~ 33:IT ~31:102017000051113 ~32:11/05/2017

2019/04272 ~ Complete ~54:MUNITION AND LOGISTICS CONCEPT FOR, IN PARTICULAR, ARTILLERY PROJECTILES ~71:Rheinmetall Waffe Munition GmbH, Heinrich-Ehrhardt-Str. 2, UNTERLÜß 29345, GERMANY, Germany ~72: AUMUND-KOPP, Ralf;BLACHE, Andreas;GUISCHARD, Frank~ 33:DE ~31:10 2017 105 565.7 ~32:15/03/2017

2019/04275 ~ Complete ~54:PROJECTILE, IN PARTICULAR IN THE MEDIUM CALIBER RANGE ~71:Rheinmetall Waffe Munition GmbH, Heinrich-Ehrhardt-Str. 2, UNTERLÜß 29345, GERMANY, Germany ~72: LITTE, Tobias;STENZEL, Udo;STOPPER, Daniel~ 33:DE ~31:10 2017 106 526.1 ~32:27/03/2017

2019/04279 ~ Complete ~54:SECURING ASSEMBLY ~71:Gripple Limited, The Old West Gun Works, Savile Street East, SHEFFIELD S4 7UQ, SOUTH YORKSHIRE, UNITED KINGDOM, United Kingdom ~72: FISHER, Thomas Edward Francis~ 33:GB ~31:1701736.9 ~32:02/02/2017;33:GB ~31:1801095.9 ~32:23/01/2018

2019/04280 ~ Complete ~54:COMBINATION OF A MCL-1 INHIBITOR AND A TAXANE COMPOUND, USES AND PHARMACEUTICAL COMPOSITIONS THEREOF ~71:Les Laboratoires Servier, 35 rue de Verdun, SURESNES 92284, FRANCE, France;Novartis AG, Lichtstrasse 35, BASEL CH-4056, SWITZERLAND, Switzerland ~72: CHANRION, Maïa;GENESTE, Olivier;HALILOVIC, Ensar;LESSENE, Guillaume;LINDEMAN, Geoffrey;MARAGNO, Ana Leticia;MARANGONI, Elisabetta;MERINO, Delphine;PORTER, Dale;VAILLANT, François;VISVADER, Jane;WHITTLE, James~ 33:US ~31:62/443,082 ~32:06/01/2017;33:EP ~31:17157779.4 ~32:24/02/2017;33:US ~31:62/527,360 ~32:30/06/2017

2019/04290 ~ Complete ~54:NON-PEPTIDE OXYTOCIN RECEPTOR AGONISTS ~71:The University of Sydney, Parramatta Road, The University of Sydney, NEW SOUTH WALES 2006, AUSTRALIA, Australia ~72: BOWEN, Michael;JORGENSEN, William;KASSIOU, Michael;MCGREGOR, Iain;REEKIE, Tristan;WERRY, Eryn~ 33:AU ~31:2016905126 ~32:12/12/2016

2019/04291 ~ Complete ~54:MANAGEMENT SYSTEM FOR GAMING CURRENCY AND STORAGE BOX ~71:Angel Playing Cards Co., Ltd., 4600, Aono-cho, HIGASHIOMI-SHI 5270232, SHIGA, JAPAN, Japan ~72: SHIGETA, Yasushi~ 33:JP ~31:2016-258007 ~32:30/12/2016

2019/04249 ~ Provisional ~54:FLUSH MOUNTED DISTRIBUTION BOARD, AND METHOD OF MOUNTING SAME ~71:ALLBRO (PTY) LTD, 121, 13th Avenue, Anderbolt Ext 32, Boksburg, Gauteng, South Africa ~72: LOUIS ETIENNE CIERENBERG;RUBEN JOHAN LUUS~

2019/04253 ~ Complete ~54:INSERTABLE COUPLING FOR FRAME ELEMENTS OF A SCAFFOLDING ~71:PERI GmbH, Rudolf-Diesel-Str. 19, Germany ~72: GAISER, Andre¿;STECK, Tobias~ 33:DE ~31:20 2018 104 007.3 ~32:12/07/2018

2019/04257 ~ Complete ~54:PUSH-BUTTON SWITCH WITH STATUS INDICATOR ~71:SCHNEIDER ELECTRIC (AUSTRALIA) PTY LIMITED, 78 Waterloo Road, Macquarie Park, Australia ~72: ZHANG, Peter~ 33:AU ~31:2018902334 ~32:28/06/2018

2019/04283 ~ Complete ~54:TIME SYNCHRONIZATION SYSTEM AND TRANSMISSION DEVICE ~71:Enabler Ltd., Shiroyama Trust Tower, 3-1, Toranomon 4-chome, Minato-ku, TOKYO 1056029, JAPAN, Japan ~72: SHINOHARA, Takahiro~ 33:JP ~31:2016-231647 ~32:29/11/2016

2019/04287 ~ Complete ~54:METHOD OF TREATING OR AMELIORATING METABOLIC DISORDERS USING GLP-1 RECEPTOR AGONISTS CONJUGATED TO ANTAGONISTS FOR GASTRIC INHIBITORY PEPTIDE RECEPTOR (GIPR) ~71:Amgen Inc., One Amgen Center Dr., THOUSAND OAKS 91320, CA, USA, United States of America ~72: CHENG, Yuan;FALSEY, James R.;HERBERICH, Bradley J.;HOLDER, Jerry Ryan;LU, Shu-Chen;MIRANDA, Leslie P.;NETIROJJANAKUL, Chawita;SHAM, Kelvin;STANISLAUS, Shanaka;VENIANT-ELLISON, Murielle M.;WU, Bin;XU, Jing;YIE, Junming~ 33:US ~31:62/447,332 ~32:17/01/2017

2019/04288 ~ Complete ~54:COMPOSITION OF MANNURONIC DICARBOXYLIC ACID ~71:Shanghai Green Valley Pharmaceutical Co., Ltd., 421 Niudun Road, Zhang Jiang Hi-Tech Park, Pudong New Area, SHANGHAI 201203, CHINA (P.R.C.), People's Republic of China;Shanghai Institute of Materia Medica, Chinese Academy of Sciences, 555 Zuchongzhi RD., Zhangjiang Hi-Tech Park, Pudong New Area, SHANGHAI 201203, CHINA (P.R.C.), People's Republic of China ~72: DING, Jian;DU, Xiaoguang;GENG, Meiyu;XIAO, Zhongping;XIN, Xianliang;ZHANG, Zhenqing~ 33:IB ~31:2016/113879 ~32:30/12/2016

2019/04244 ~ Provisional ~54:PACKAGED INSURANCE PRODUCT AND SYSTEM FOR IMPLEMENTATION THEREOF ~71:ALPHA DIRECT INSURANCE CO. (PTY) LTD., FIRST FLOOR, BAR1, BOTSWANA INNOVATION HUB, PLOT 69184, BLOCK 8, GABORONE, BOTSWANA, Botswana ~72: IYER, Arun, Parameswaran~

2019/04305 ~ Complete ~54:AQUEOUS PHARMACEUTICAL COMPOSITION OF A RECOMBINANT MONOCLONAL ANTIBODY TO TNF¿ ~71:CLOSED JOINT STOCK COMPANY "BIOCAD", Liter A, bld. 34, Svyazi st., Strelna, Petrodvortsoviy district, Russian Federation ~72: IAKOVLEV, Aleksandr Olegovich;LOMKOVA, Ekaterina Aleksandrovna;MOROZOV, Dmitry Valentinovich;RYAKHOVSKAYA, Anastasiya Mikhajlovna;SHITIKOVA, Viktoriya Olegovna~ 33:RU ~31:2016152691 ~32:30/12/2016;33:RU ~31:2017146821 ~32:29/12/2017

2019/04306 ~ Complete ~54:EMULSION OF NITROGEN ATOM-CONTAINING POLYMER OR SALT THEREOF, PRODUCTION METHOD THEREFOR, AND PRODUCTION METHOD FOR PARTICLES ~71:FUJIFILM CORPORATION, 26-30, Nishiazabu 2-chome Minato-ku, Tokyo, 1068620, Japan ~72: HAYATO YOSHIDA;KATSUHIRO SHIMONO;SHINSUKE TOKUOKA;TAKAYUKI ITO~ 33:JP ~31:2016-255554 ~32:28/12/2016;33:JP ~31:2017-200011 ~32:16/10/2017

2019/04278 ~ Complete ~54:THICK, LONG SEAM WELDING SYSTEM AND METHOD FOR DISTORTION CONTROL AND NON POST WELD HEAT TREATMENT OF PIPELINE HOT TAP FITTINGS ~71:TDW Delaware, Inc., 1100 Market Street, Suite 780, WILMINGTON 19801, DE, USA, United States of America ~72: ARMSTRONG, Mike;MAH-PAULSON, Tran;VROLYK, Chris;WOOD, Paul~ 33:US ~31:62/478,950 ~32:30/03/2017;33:US ~31:62/556,050 ~32:08/09/2017;33:US ~31:15/939,996 ~32:29/03/2018

2019/04311 ~ Complete ~54:CYCLIC DINUCLEOTIDES AS STING (STIMULATOR OF INTERFERON GENES) AGONISTS ~71:TAKEDA PHARMACEUTICAL COMPANY LIMITED, 1-1, Doshomachi 4-Chome Chuo-ku Osaka-shi, Osaka, 541-0045, Japan ~72: AKITO SHIBUYA;ATSUTOSHI OKABE;BRIAN SCOTT FREEZE;KOSUKE HIDAKA;MASAKI SETO;MASANORI OKANIWA;MASATO YOSHIKAWA;MICHIYO MOCHIZUKI;MORIHISA SAITOH;PAUL D GREENSPAN;SHUMPEI MURATA;TAISUKE KATO;TAISUKE TAWARAISHI;TOMOHIRO SEKI;TSUNEO ODA;YASUFUMI WADA;YASUO NAKAGAWA;YAYOI YOSHITOMI;YOSHIHISA NAKADA;YUSUKE SASAKI;YUSUKE TOMINARI;ZENYU SHIOKAWA~ 33:JP ~31:2016-234553 ~32:01/12/2016;33:JP ~31:2017-107216 ~32:30/05/2017;33:US ~31:62/589,300 ~32:21/11/2017

2019/04303 ~ Complete ~54:COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR DETERMINING THE STATE OF A MACHINE EXECUTABLE CONTRACT IMPLEMENTED USING A BLOCKCHAIN ~71:nChain Holdings Limited, Fitzgerald House, 44 Church Street, ST. JOHN'S, ANTIGUA & BARBUDA, Antigua and Barbuda ~72: JIMENEZ-DELGADO, Pedro~ 33:GB ~31:1701589.2 ~32:31/01/2017

2019/04304 ~ Complete ~54:SIGNAL TRANSMISSION METHOD, TERMINAL DEVICE AND NETWORK DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, Dongguan, People's Republic of China ~72: TANG, Hai~

2019/04296 ~ Complete ~54:APPARATUS FOR HEATING SMOKABLE MATERIAL ~71:British American Tobacco (Investments) Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, GREATER LONDON, UNITED KINGDOM, United Kingdom ~72: KAUFMAN, Duane A.;PAPROCKI, Benjamin J.~ 33:US ~31:62/450,197 ~32:25/01/2017

2019/04297 ~ Complete ~54:COMPOUNDS USEFUL FOR TREATING GASTROINTESTINAL TRACT DISORDERS ~71:Ardelyx, Inc., 34175 Ardenwood Boulevard, FREMONT 94555, CA, USA, United States of America ~72: DOTSENKO, Irina;DRAGOLI, Dean;LEWIS, Jason~ 33:US ~31:62/444,335 ~32:09/01/2017;33:US ~31:62/541,097 ~32:04/08/2017

2019/04299 ~ Complete ~54:METHOD AND MOBILE TERMINAL FOR CONTROLLING SCREEN DISPLAY IN CONNECTION WITH MOBILE PAYMENT TRANSACTIONS ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: LIU, Lindong~ 33:CN ~31:201611083914.4 ~32:30/11/2016

2019/04301 ~ Complete ~54:GLYCOL AND REFRIGERANT COOLED COOLING AIR HANDLING UNIT FOR MULTI-STORY DATA CENTERS ~71:Revolver 26 Investment Corporation, c/o Ct Corporation System, 2390 East Camelback Road, PHOENIX 85016, AZ, USA, United States of America ~72: BOUDREAU, Benoit;LECKELT, Lindsey;VETSCH, Ryan~ 33:US ~31:62/475,398 ~32:23/03/2017

2019/04264 ~ Complete ~54:METHOD FOR DEMODULATING SHARED REFERENCE SIGNAL, TERMINAL DEVICE, AND NETWORK DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, Dongguan, People's Republic of China ~72: TANG, Hai~

2019/04274 ~ Complete ~54:IMAGING SYSTEM FOR COUNTING AND SIZING PARTICLES IN FLUID-FILLED VESSELS ~71:Amgen Inc., One Amgen Center Drive, Thousand Oaks, CA 91320-17995, USA, United States of America ~72: FRADKIN, Dmitry;MILNE, Graham F.;PEARSON, Thomas Clark~

2019/04282 ~ Complete ~54:TETRAHYDROQUINOLINE DERIVATIVES AS P2X7 RECEPTOR ANTAGONISTS ~71:Asahi Kasei Pharma Corporation, 1-1-2 Yurakucho, Chiyoda-Ku, TOKYO 1000006, JAPAN, Japan;RaQualia Pharma Inc., 1-21-19 Meieki Minami, Nakamura-ku, NAGOYA-SHI 4500003, AICHI, JAPAN, Japan ~72: ANDO, Kazuo;ARANO, Yoshimasa;MATSUBARA, Koki;NOGUCHI, Hirohide;SONE, Toshihiko;TOYOSHIMA, Kazuki~ 33:JP ~31:2017-047794 ~32:13/03/2017

2019/04289 ~ Complete ~54:PLATED STEEL FOR HOT STAMPING, METHOD OF MANUFACTURING PLATED STEEL SHEET FOR HOT STAMPING, METHOD OF MANUFACTURING HOT-STAMPED COMPONENT, AND METHOD OF MANUFACTURING VEHICLE ~71:NIPPON STEEL CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, TOKYO 1008071, JAPAN, Japan ~72: FUJITA, Soshi;IRIKAWA, Hideaki;KUBO, Masahiro;NAKAZAWA, Yoshiaki;NOMURA, Narihiko;SUZUKI, Toshiya~ 33:JP ~31:2016-256016 ~32:28/12/2016

2019/04298 ~ Complete ~54:VEHICLE SLIDE DETECTION ~71:Modular Mining Systems, Inc., 3289 E. Hemisphere Loop, TUCSON 85706, AZ, USA, United States of America ~72: BRANSCOMBE, Edward A.;CASSON, William M.;UTTER, Christopher J.~ 33:US ~31:62/462,672 ~32:23/02/2017

- APPLIED ON 7/1/2019 -

2019/04330 ~ Complete ~54:TRANSMISSION OF CONTROL INFORMATION ~71:PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, 20000 MARINER AVENUE, SUITE 200, TORRANCE, CA 90503, USA, United States of America ~72: GOLITSCHEK EDLER VON ELBWART, Alexander;HORIUCHI, Ayako;KUANG, Quan;SUZUKI, Hidetoshi;WANG, Lilei~

2019/04331 ~ Complete ~54:FLUID TREATMENT SYSTEMS AND METHODS OF USING THE SAME ~71:ETHONUS, INC, 1922 Lighthouse Lane NE Tacoma, United States of America ~72: FLECKNER, Karen;NEYLON, Michael~ 33:US ~31:62/429,702 ~32:02/12/2016;33:US ~31:62/517,340 ~32:09/06/2017;33:US ~31:62/556,657 ~32:11/09/2017

2019/04332 ~ Complete ~54:WAVEFORM SEPARATOR APPARATUS AND METHOD FOR DETECTING LEAKAGE CURRENT IN HIGH VOLTAGE DIRECT CURRENT POWER SYSTEMS ~71:Quanta Associates, L.P., 2800 Post Oak Boulevard, Suite 2600, HOUSTON 77056, TX, USA, United States of America ~72: BALL, David James;BILIC, Zoran~ 33:CA ~31:2950506 ~32:02/12/2016;33:US ~31:62/429,459 ~32:02/12/2016

2019/04336 ~ Complete ~54:NUCLEOTIDE HEMI-SULFATE SALT FOR THE TREATMENT OF HEPATITIS C VIRUS ~71:ATEA PHARMACEUTICALS, INC., 125 Summer Street, Boston, 02110, Massachusetts, United States of America ~72: ADEL MOUSSA;JEAN-PIERRE SOMMADOSSI~ 33:US ~31:62/453,437 ~32:01/02/2017;33:US ~31:62/469/912 ~32:10/03/2017;33:US ~31:62/488,366 ~32:21/04/2017;33:US ~31:62/575,248 ~32:20/10/2017

2019/04329 ~ Complete ~54:SELF GLOWING MATERIALS, TRACER AMMUNITION, AND ILLUMINATION DEVICES ~71:DEVICES BATTELLE MEMORIAL INSTITUTE, 505 King Avenue, United States of America ~72: CUCKSEY, Chad M.;GOMBARCIK, James D.;LEACH, John R.;LOESER, Ronald L.;PAUGH, Jason

E.;REUTHER, James J.;SHAWCROSS, Paul E.;TACKETT, Emmet Mark~ 33:US ~31:15/366,269 ~32:01/12/2016;33:US ~31:15/366,323 ~32:01/12/2016;33:US ~31:62/428,654 ~32:01/12/2016

2019/04335 ~ Complete ~54:DETERMINING CUSTOMIZED SAFE SPEEDS FOR VEHICLES ~71:CAMBRIDGE MOBILE TELEMATICS, INC., 101 Main Street, 14th Floor, Cambridge, 02142, Massachusetts, United States of America ~72: HARI BALAKRISHNAN;PARESH GOVIND MALALUR;WILLIAM FRANCIS BRADLEY~ 33:US ~31:15/384,730 ~32:20/12/2016

2019/04323 ~ Provisional ~54:METHOD FOR SEPARATING POLYPHENOLIC COMPOUNDS FROM BIOMASS AND RESULTING PRODUCTS ~71:STELLENBOSCH UNIVERSITY, Admin B, Victoria Street, Stellenbosch, South Africa ~72: POTT, Robert William McClelland~

2019/04327 ~ Complete ~54:TREATMENT OF SKIN CONDITIONS ~71:Loock Pharmaceuticals (Pty) Ltd, 39 Eagles Landing, Rockcliff Estate, Rustenburg 0299, NWP, SOUTH AFRICA, South Africa ~72: LOOCK, Izak Jacobus Diederik~ 33:ZA ~31:2018/05221 ~32:03/08/2018

2019/04337 ~ Complete ~54:METHOD FOR COMPREHENSIVELY RECYCLING COPPER-NICKEL SULFIDE ORE AND SYSTEM THEREOF ~71:CENTRAL SOUTH UNIVERSITY, No.932 South Lushan Road, Yuelu District, Changshashi, Hunan, 410083, People's Republic of China ~72: JIANGTAO LI;WANHAI XIAO;XINGYU CHEN;XUHENG LIU;YONGLI LI;ZHONGWEI ZHAO~ 33:CN ~31:201710228509.5 ~32:10/04/2017;33:CN ~31:201710229424.9 ~32:10/04/2017

2019/04338 ~ Complete ~54:SYSTEM AND METHOD FOR COMMUNICATING INFORMATION BETWEEN A MULTIPLICITY OF MEDICAL PUMP DEVICES AND AT LEAST ONE COMMUNICATION DEVICE ~71:FRESENIUS VIAL SAS, Patent Department Medical Devices Division Le Grand Chemin BP 3, 38590, Brézins, France ~72: EMERIC MERMET~ 33:EP ~31:17305146.7 ~32:08/02/2017

2019/04342 ~ Provisional ~54:METHOD OF REDUCING EDDY CURRENTS IN A TRANSFORMER OF INDUCTOR ~71:JACOBUS JOHANNES VAN DER MERWE, 1060 Pierneef Street, Villieria,, South Africa ~72: JACOBUS JOHANNES VAN DER MERWE~

2019/04318 ~ Provisional ~54:MR BIN ~71:Herbert, 488 Boundary Road, unit 73, Vukani Complex, South Africa ~72: Herbert Phogole~ 33:ZA ~31:1 ~32:28/06/2019

2019/04322 ~ Provisional ~54:CLOTH DIAPER POCKET STUFFER ~71:Erika Bezuidenhout, Farm bloemhof, South Africa ~72: Erika Bezuidenhout~

2019/04340 ~ Complete ~54:SECURITY ANCHOR FUNCTION IN 5G SYSTEMS ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), , SE-164 83, Stockholm, Sweden ~72: CHRISTINE JOST;DAVID CASTELLANOS ZAMORA;MONICA WIFVESSON;NOAMEN BEN HENDA;VESA TORVINEN~ 33:US ~31:62/451856 ~32:30/01/2017

2019/04319 ~ Provisional ~54:ZOLUHLE DELIVERY METHODOLOGY ~71:Zoluhle (Pty) Ltd, 20 Gemini Drive, South Africa ~72: Zibuyisile Sbusisiwe Sibiya~

2019/04320 ~ Provisional ~54:TELCELL LINKING APP ~71:Khumbulani Mzukwa, 30 Liesbeek Crescent, Leiden, Delft, South Africa ~72: Khumbulani Mzukwa~

2019/04321 ~ Provisional ~54:COOK KING STAINLESS STEEL DUAL HONEYCOMB PATTERN NONSTICK PAN WITH OVAL HOLE DETACHABLE HANDLE ~71:Han Can Duong, 32 Fraser Street, Australia ~72: Han Can Duong~

2019/04341 ~ Provisional ~54:VIKA NDODA SIDE HANDLE BATON STICK (MULTIFUNCTIONAL) ~71:JOZI UNCLE PRODUCT AND SERVICES (PTY) LTD, 8482B SHEZI STREET ZONE 6, DIEPKLOOF, South Africa ~72: PHILLIP NDLOVU~

2019/04325 ~ Complete ~54:A CARRIER ~71:BURGER, Sebastian Van Niekerk, Tongaat Str 4, Unit 3, Plankenburg, South Africa ~72: BURGER, Sebastian Van Niekerk~

2019/04333 ~ Complete ~54:ADENOSINE A3 RECEPTOR MODULATORS ~71:PALOBIOFARMA, S.L., Tecnocampus Mataró, 3, Avenida Ernest Lluch, 32, Planta 4, oficina 01, E-08302 Mataró, Barcelona, Spain ~72: ABDELAZIZ EL MAATOUGUI;JUAN CAMACHO GÓMEZ;JULIO CASTRO PALOMINO LARIA~ 33:ES ~31:P201730065 ~32:20/01/2017

2019/04334 ~ Complete ~54:METHOD AND FACILITY FOR DETECTING DAMAGE TO A SLEEPER ~71:ECOLE NATIONALE DES PONTS ET CHAUSSEES, 6 avenue Blaise Pascal Cité Descartes Champs-sur-Marne, 77455, Marne-La-Vallee Cédex 2, France;FRANCE-MANCHE, 3 rue La Boétie, 75008, Paris, France ~72: CLOTILDE BOUDON;DENIS DUHAMEL;FRANCIS SABATIER;GILLES FORET;TIEN HOANG~ 33:FR ~31:1750421 ~32:19/01/2017

2019/04339 ~ Complete ~54:GLUCAGON RECEPTOR BINDING PROTEINS AND METHODS OF USE THEREOF ~71:NGM BIOPHARMACEUTICALS, INC., 333 Oyster Point Blvd., South San Francisco, 94080, California, United States of America ~72: HUGO MATERN;WENYAN SHEN;YAN WANG;ZHONGHAO LIU~ 33:US ~31:62/451,603 ~32:27/01/2017

2019/04324 ~ Provisional ~54:APPARATUS FOR DETECTING BRAKE FAILURE OF A VEHICLE ~71:PETSIM HYDRAULIC BRAKING SERVICES (PTY) LTD, 408 THUBELISHA STREET, COOLBREEZE, South Africa ~72: MOGASHOA, Morudi Simon;NHLAPO, Madoda Petros~

2019/04326 ~ Complete ~54:TREATMENT OF JOINT PAIN ~71:Loock Pharmaceuticals (Pty) Ltd, 39 Eagles Landing, Rockcliff Estate, Rustenburg 0299, NWP, SOUTH AFRICA, South Africa ~72: LOOCK, Izak Jacobus Diederik~ 33:ZA ~31:2018/05092 ~32:30/07/2018

- APPLIED ON 7/2/2019 -

2019/04343 ~ Provisional ~54:SMART PARKING SYSTEM ~71:Obakeng Moteme, 75 Adante, South Africa ~72: Obakeng Moteme~

2019/04346 ~ Complete ~54:CELL ENUCLEATION MICROMANIPULATION NEEDLE AND CELL ENUCLEATION METHOD ~71:INSTITUTE OF ANIMAL SCIENCE OF CAAS, NO. 2 YUANMINGYUAN WEST ROAD, BEIJING 100193, P.R. CHINA, People's Republic of China ~72: CUI, Lixin;DU, Weihua~ 33:CN ~31:201810811530.2 ~32:23/07/2018

2019/04347 ~ Complete ~54:AN ON-DEMAND TRANSPORT FACILITATION SYSTEM ~71:MOOWA (PTY) LTD, 61 KREMETART STREET, VAL DE GRACE, 0184, SOUTH AFRICA, South Africa ~72: OLSEN, Dirch, Aleksander~ 33:ZA ~31:2018/04575 ~32:10/07/2018

2019/04349 ~ Complete ~54:DATA TRANSMISSION METHOD AND DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, Dongguan, People's Republic of China ~72: LIN, YaNan~

2019/04344 ~ Provisional ~54:GSG CENTERING DEVICE ~71:Petrus Johannes Janse Van Rensburg Roux, 44 Cobalt Str, Hospitaalpark, South Africa ~72: Petrus Johannes Janse Van Rensburg Roux~

2019/04345 ~ Provisional ~54:CLINKER ~71:Circle Seven Trading 997 CC, 14 Wingen Walk, Shallcross, DURBAN 4093, KwaZulu-Natal, SOUTH AFRICA, South Africa ~72: RASOOL, Zahed~

2019/04355 ~ Provisional ~54:LIVE TRONICS FRIDGE ~71:LANGELIHLE RONNY MABUZA, 148 Vos Street, Pretoria,, South Africa ~72: LANGELIHLE RONNY MABUZA~

2019/04357 ~ Provisional ~54:HOME APPLIANCE APP ~71:LANGELIHLE RONNY MABUZA, 148 Vos Street, Pretoria,, South Africa ~72: LANGELIHLE RONNY MABUZA~

2019/04359 ~ Provisional ~54:OOYEZZ BROADCASTER ~71:EDWARD CARNEY THWAITS, 207 WELTEVRENPARK RD WELTEVREDENPARK, South Africa ~72: EDWARD CARNEY THWAITS~

2019/04358 ~ Provisional ~54:PHONE CONTROLLED AIRCON ~71:LANGELIHLE RONNY MABUZA, 148 Vos Street, Pretoria,, South Africa ~72: LANGELIHLE RONNY MABUZA~

2019/04360 ~ Provisional ~54:CASTING CORES FOR AEROSPACE AND RELATED APPLICATIONS ~71:August Wilhelm LAMOS, 112a,2nd Avenue, Melville,, South Africa;Philip Bruce HAUPT, 7,Gosfam Avenue, Sandhurst Ext.4,, South Africa ~72: August Wilhelm LAMOS;Philip Bruce HAUPT~

2019/04348 ~ Complete ~54:DOUBLE-SIDED BUTTON WITH A TOUCH FUNCTION ~71:KHALED ASEF, Mohammad, Lazarettgasse 8/2b/8, Austria ~72: JILCH, Valentin;KHALED ASEF, Mohammad;STÖTTINGER, Ernst~ 33:EP ~31:17150949.0 ~32:11/01/2017

2019/04354 ~ Provisional ~54:LIVE TRONICS GEYSER ~71:LANGELIHLE RONNY MABUZA, 148 Vos Street, Pretoria, South Africa ~72: LANGELIHLE RONNY MABUZA~

2019/04350 ~ Complete ~54:LOW CHARGE PACKAGED AMMONIA REFRIGERATION SYSTEM WITH EVAPORATIVE CONDENSER ~71:EVAPCO, INC., 5151 Allendale Lane, Maryland, United States of America ~72: DEROSIER, Gregory S.;FERRARI, Sarah L.;HAMILTON, Don;HEGG, Trevor;HESSER, Nicholas;LIEBENDORFER, Kurt L.;WRIGHT, Kenneth~ 33:US ~31:62/432,883 ~32:12/12/2016;33:US ~31:15/839,484 ~32:12/12/2017

2019/04351 ~ Complete ~54:COMPOSITE YIELDABLE ROCK ANCHOR WITH IMPROVED DEFORMATION RANGE ~71:MINOVA INTERNATIONAL LIMITED, Unit 19 Redbrook Business Park, Wilthorpe Road, United Kingdom ~72: HOSP, Michael;UNTERLERCHNER, Markus~

2019/04352 ~ Complete ~54:METHOD AND SYSTEM FOR PRESERVING AND PROCESSING VEHICLE CRASH DATA EVIDENCE ~71:BAYLEY, Jason, 192-1055 Shawnmarr Road, Ontario, Canada ~72: BAYLEY, Jason~

2019/04353 ~ Complete ~54:PYRROLOBENZODIAZEPINE-ANTIBODY CONJUGATES ~71:ADC THERAPEUTICS SA, Biopôle, route de la Corniche 3b, Switzerland;MEDIMMUNE LIMITED, Milstein Building, Granta Park, United States of America ~72: VAN BERKEL, Patricius Hendrikus Cornelis~ 33:GB ~31:1702029.8 ~32:08/02/2017;33:GB ~31:1702031.4 ~32:08/02/2017;33:GB ~31:1719906.8 ~32:30/11/2017

- APPLIED ON 7/3/2019 -

2019/04382 ~ Complete ~54:GUARDRAIL CRASH ABSORBING ASSEMBLY ~71:LINDSAY TRANSPORTATION SOLUTIONS, INC., 180 River Road, Rio Vista, 94571, California, United States of America ~72: DANIEL PAUL DACAYANAN LOYA;GERRIT A DYKE;JEFFREY M THOMPSON;MARCO ANGHILERI;ROBERT BRIVIO COLOMBO;VALERIA DI GIACOMO~ 33:US ~31:15/440,506 ~32:23/02/2017

2019/04383 ~ Complete ~54:AMIDE COMPOUNDS AND USE THEREOF ~71:ALPHALA CO., LTD., No. 83-2, Sec. 2, Chengde Rd., Datong Dist., Taipei City, 103, Taiwan, Province of China ~72: CHENG-HO CHUNG;SHI-LIANG TSENG;YEN-FU CHEN;YUNG-NING YANG~ 33:US ~31:62/449,620 ~32:24/01/2017

2019/04356 ~ Provisional ~54:A SYSTEM AND METHOD FOR ASSET MANAGEMENT ~71:MATTER INDUSTRIES (PTY) LTD, 12 THE PLUM, 14A HURLINGHAM ROAD, DUNKELD, JOHANNESBURG, 2196, SOUTH AFRICA, South Africa ~72: VAN WYK BECKER, Pierre~

2019/04371 ~ Complete ~54:COMPOUNDS AND COMPOSITIONS ~71:ALECTRONA PTE. LTD, Hudson Technocentre, 16 New Industrial Road, #05¿03/04, Singapore ~72: BABIKYAN, Gaik;JIARAVANON, Benjamin~ 33:GB ~31:1700404.5 ~32:10/01/2017

2019/04381 ~ Complete ~54:PHASING CORRECTION ~71:ILLUMINA, INC., 5200 Illumina Way, San Diego, 92122, California, United States of America ~72: PAUL BELITZ;ROBERT LANGLOIS~ 33:US ~31:62/443,294 ~32:06/01/2017

2019/04387 ~ Complete ~54:COMPOSITIONS AND METHODS FOR TREATING, AMELIORATING AND PREVENTING H. PYLORI ~71:CENTRE FOR DIGESTIVE DISEASES, Level 1 229 Great North Road Five Dock, Australia ~72: Thomas Julius Borody~ 33:US ~31:62/572,512 ~32:15/10/2017

2019/04388 ~ Complete ~54:PREHEATING OF MATERIAL IN AN ADDITIVE MANUFACTURING APPARATUS ~71:AEROSUD INNOVATION CENTRE (PTY) LTD, 520 Van Ryneveld Avenue, Pierre van Ryneveld, 0045 Centurion, SOUTH AFRICA, South Africa;CSIR, Scientia, 0002 Pretoria, SOUTH AFRICA, South Africa ~72: PREUSSLER, Dieter Rainer;VERMEULEN, Marius~ 33:ZA ~31:2016/08320 ~32:18/12/2016;33:ZA ~31:2016/08321 ~32:18/12/2016

2019/04364 ~ Provisional ~54:VEHICLE BRAKING SYSTEM FOR MONITORING BRAKE SERVICE PRESSURE ~71:COMPACTION TECHNOLOGY (PROPRIETARY) LIMITED, 59 Second Avenue, Nigel, 1491, Gauteng, South Africa ~72: CHRISTIAAN PETRUS GIEZING~

2019/04374 ~ Complete ~54:A METHOD FOR IMPROVING PERFORMANCE PARAMETERS OF AN ANIMAL ~71:AVECHO BIOTECHNOLOGY LIMITED, Unit A8 2A Westall Road, Clayton, 3168, Victoria, Australia ~72: ROKSAN LIBINAKI~ 33:AU ~31:2016905085 ~32:09/12/2016

2019/04378 ~ Complete ~54:WATER PURIFICATION USING POROUS CARBON ELECTRODE ~71:CALIFORNIA INSTITUTE OF TECHNOLOGY, 1200 East California Boulevard, MC 6-32, Pasadena, 91125, California, United States of America ~72: KAI LIU;MICHAEL R HOFFMANN~ 33:US ~31:62/456,860 ~32:09/02/2017

2019/04379 ~ Complete ~54:PARAMETER CONFIGURATION METHOD AND EQUIPMENT ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: JIANHUA LIU;NING YANG~

2019/04384 ~ Complete ~54:THERAPEUTIC METHOD USING TOLEROGENIC PEPTIDES ~71:APITOPE INTERNATIONAL NV, Campus Diepenbeek Agoralaan, 3590, Diepenbeek, Belgium ~72: DAVID WRAITH;KEITH MARTIN~ 33:GB ~31:1700111.6 ~32:04/01/2017

2019/04385 ~ Complete ~54:COMPOSITION ~71:APITOPE TECHNOLOGY (BRISTOL) LIMITED, Riverside Court, Beaufort Park, Chepstow, Gwent, NP16 5UH, United Kingdom ~72: KEITH MARTIN;LISELOTTA JANSSON~ 33:GB ~31:1700095.1 ~32:04/01/2017

2019/04386 ~ Complete ~54:S-ARRESTIN PEPTIDES AND THERAPEUTIC USES THEREOF ~71:APITOPE INTERNATIONAL NV, Campus Diepenbeek Agoralaan, 3590, Diepenbeek, Belgium ~72: DAVID WRAITH;EVELIEN SCHURGERS;KEITH MARTIN;LISELOTTA JANSSON~ 33:GB ~31:1700104.1 ~32:04/01/2017

2019/04362 ~ Provisional ~54:COOKING APPARATUS ~71:MASHAU, Thiambi Franklin, 31 Monnikaasvoel Street, Elandspoort, South Africa ~72: MASHAU, Thiambi Franklin~

2019/04366 ~ Provisional ~54:DIGITAL ADVERTISING AND MARKETING BY DIGIBIN ~71:Luyanda Edmund Ignatius Flatela, 86 10th Avenue, Library Apartments 42, South Africa ~72: Luyanda Edmund Ignatius Flatela~ 33:ZA ~31:1 ~32:01/07/2019

2019/04368 ~ Complete ~54:A BOLUS FOR USE IN TRACKING ANIMALS AND AN ASSOCIATED SYSTEM AND METHOD ~71:MORRIS, Geoffrey Charles Russell, 112 Tequesta, 1 Paarl Lane, SANDTON, GAUTENG, SOUTH AFRICA, South Africa ~72: MORRIS, Geoffrey Charles Russell~ 33:ZA ~31:2018/02290 ~32:09/04/2018

2019/04369 ~ Complete ~54:METAL WORKING MACHINE ~71:TSHWANE UNIVERSITY OF TECHNOLOGY, Arcadia Campus, 175 Mandela Drive, Arcadia, PRETORIA 0083, Gauteng Province, SOUTH AFRICA, South Africa ~72: MPOFU, Khumbulani;SIBANDA, Vennan~ 33:ZA ~31:2018/04465 ~32:04/07/2018

2019/04375 ~ Complete ~54:THERMOPLASTIC ORTHOPEDIC DEVICES ~71:CASSIT ORTHOPEDICS LTD., 26 Elifelet Street Tel Aviv, 6608026, Israel ~72: TAMAR ISH CASSIT~ 33:IL ~31:249400 ~32:05/12/2016

2019/04380 ~ Complete ~54:A PERSONAL CARE COMPOSITION ~71:UNILEVER PLC, Unilever House, 100 Victoria Embankment, London, Greater London, EC4Y 0DY, United Kingdom ~72: BIJAN HARICHAN;CLIVE RODERICK HARDING;JOSE GUILLERMO ROSA;LUXIAN ZHOU;RICHARD LIVESEY EVANS~ 33:CN ~31:PCT/CN2017/073648 ~32:15/02/2017;33:EP ~31:17162972.8 ~32:27/03/2017

2019/04372 ~ Complete ~54:MODIFIED ADAPTIVE LOOP FILTER TEMPORAL PREDICTION FOR TEMPORAL SCALABILITY SUPPORT ~71:QUALCOMM Incorporated, ATTN: International IP Administration, 5775 Morehouse Drive, SAN DIEGO 92121-1714, CA, USA, United States of America ~72: CHIEN, Wei-Jung;KARCZEWICZ, Marta;WANG, Ye-Kui;ZHANG , Li~ 33:US ~31:62/442,322 ~32:04/01/2017;33:US ~31:62/445,174 ~32:11/01/2017;33:US ~31:15/861,165 ~32:03/01/2018

2019/04376 ~ Complete ~54:SWELLABLE SILICA MICROPARTICLES ~71:UNILEVER PLC, Unilever House, 100 Victoria Embankment, London, Greater London, EC4Y 0DY, United Kingdom ~72: CRAIG WARREN JONES;IRENE ACOUAVIE AMOUSSOU;JAMES MERRINGTON;JANE ELIZABETH MUNRO-BROWN~ 33:EP ~31:17150854.2 ~32:10/01/2017

2019/04377 ~ Complete ~54:BIOFILM TARGETING MICROCAPSULE CARRYING A NON-VOLATILE FUNCTIONAL MATERIAL ~71:UNILEVER PLC, Unilever House, 100 Victoria Embankment, London, Greater London, EC4Y 0DY, United Kingdom ~72: KATHERINE MARY THOMPSON;STUART CAMPBELL-LEE~ 33:EP ~31:17150834.4 ~32:10/01/2017

2019/04361 ~ Provisional ~54:A HANDHELD EDUCATIONAL GAME SERVER AND CONTROLLER ~71:FACEBOARD (PTY) LTD, 8 Binnekring rd, Dalsig, South Africa ~72: FACEBOARD (PTY) LTD;HANSJURIE ZIETSMAN~

2019/04363 ~ Provisional ~54:VEHICLE BRAKING SYSTEM INCLUDING RELAY VALVE ~71:COMPACTION TECHNOLOGY (PROPRIETARY) LIMITED, 59 Second Avenue, Nigel, 1491, Gauteng, South Africa ~72: CHRISTIAAN PETRUS GIEZING;LANCE EDER~

2019/04365 ~ Provisional ~54:TRANSPORT OF EXPLOSIVES ~71:AEL MINING SERVICES LIMITED, AECI Place, 23/24 The Woodlands, Woodlands Drive, Woodmead, SANDTON 2191, Gauteng Province, SOUTH AFRICA, South Africa ~72: MTIMKULU, Mlandeli Alfred;ROYCE, Catherine Paule Marie~

2019/04367 ~ Complete ~54:METHOD FOR CONSTRUCTING NITROGEN NUTRITION DIAGNOSIS MODEL FOR DRIP-IRRIGATION COTTON, AND APPLICATION THEREOF ~71:SHIHEZI UNIVERSITY, NORTH 4 ROAD, SHIHEZI CITY, XINJIANG, CHINA, People's Republic of China ~72: HONG, Shuai;HOU, Tongyu;LIN, Jiao;LV, Xin;MA, Lulu;SU, Wei;YIN, Caixia;ZHANG, Qiang;ZHANG, Ze~ 33:CN ~31:201910110201.X ~32:11/02/2019

2019/04370 ~ Complete ~54:EQUIPMENT USAGE IN MINES ~71:HYDRO POWER EQUIPMENT (PTY) LTD, 19 Precision Street, Kyasands,, South Africa ~72: SWART, Andre Renier~ 33:ZA ~31:2018/02358 ~32:11/04/2018

2019/04373 ~ Complete ~54:MOTION VECTOR RECONSTRUCTIONS FOR BI-DIRECTIONAL OPTICAL FLOW (BIO) ~71:QUALCOMM Incorporated, ATTN: International IP Administration, 5775 Morehouse Drive, SAN DIEGO 92121-1714, CA, USA, United States of America ~72: CHEN, Jianle;CHEN, Yi-Wen;CHIEN, Wei-Jung;CHUANG, Hsiao-Chiang;KARCZEWICZ, Marta;LI, Xiang;ZHANG , Li~ 33:US ~31:62/442,357 ~32:04/01/2017;33:US ~31:62/445,152 ~32:11/01/2017;33:US ~31:15/861,515 ~32:03/01/2018

- APPLIED ON 7/4/2019 -

2019/04409 ~ Complete ~54:A HAIR CONDITIONING COMPOSITION ~71:UNILEVER PLC, Unilever House, 100 Victoria Embankment, London, Greater London, EC4Y 0DY, United Kingdom ~72: QUNHUA CAO;RAGHUPATHI SUBRAMANIAN;XUEMENG WU~ 33:CN ~31:PCT/CN2017/073177 ~32:09/02/2017;33:EP ~31:17166779.3 ~32:18/04/2017

2019/04410 ~ Complete ~54:METHOD AND PLANT FOR PRODUCING AN OLEFIN ~71:LINDE AKTIENGESELLSCHAFT, Klosterhofstraße 1, Germany ~72: MEISWINKEL, Andreas;SCHUBERT, Martin;WINKLER, Florian;ZELLHUBER, Mathieu~ 33:EP ~31:16206447.1 ~32:22/12/2016

2019/04389 ~ Provisional ~54:A SYSTEM AND METHOD FOR ASSET MANAGEMENT ~71:MATTER INDUSTRIES (PTY) LTD, 12 THE PLUM, 14A HURLINGHAM ROAD, DUNKELD, JOHANNESBURG, 2196, SOUTH AFRICA, South Africa ~72: VAN WYK BECKER, Pierre~

2019/04391 ~ Provisional ~54:HELICAL ANTENNA ~71:POYNTING ANTENNAS (PTY) LIMITED, Unit 4, N1 Industrial Park, Landmarks Avenue, Samrand, South Africa ~72: FOURIE, Andries Petrus Cronje;NITCH, Derek, Colin~

2019/04390 ~ Provisional ~54:BATTERY GENERATOR SOLAR MOTOR - BGSM ~71:Donovan, 3 Merriman, South Africa ~72: Battery GenSolarMotors International(Pty)Ltd~

2019/04392 ~ Provisional ~54:SECURITY DEVICE AND SYSTEM ~71:PAUL DANIEL FARINHA, 129 Queen St, Kensington, South Africa ~72: PAUL DANIEL FARINHA~

2019/04394 ~ Complete ~54:EXPLOSIVES BLASTING ~71:AEL MINING SERVICES LIMITED, AECI Place, 23/24 The Woodlands, Woodlands Drive, Woodmead, SANDTON 2191, Gauteng Province, SOUTH AFRICA, South Africa ~72: BEZUIDENHOUT, Hendrik Cornelius;KELLY, Cheryl Lynn;PELTZ, Christo~ 33:ZA ~31:2018/04717 ~32:16/07/2018

2019/04395 ~ Complete ~54:TREATMENT FLUID PREPARATION SYSTEM ~71:ELLEN MEDICAL DEVICES PTY LTD, Level 5, 1 King Street, Newtown, 2042, New South Wales, Australia ~72: VINCENT JOSEPH GARVEY~ 33:AU ~31:2015905395 ~32:24/12/2015

2019/04399 ~ Complete ~54:ANTIBIOTIC COMPOSITIONS COMPRISING SILVER AND SELENIUM ~71:HOLMGREN, Arne, Flisbacken 55, SOLLENTUNA 19251, SWEDEN, Sweden ~72: HOLMGREN, Arne;LU, Jun;ZOU, Lili~ 33:US ~31:62/430,101 ~32:05/12/2016

2019/04407 ~ Complete ~54:SYSTEM AND METHOD FOR THE TREATMENT OF WATER BY REVERSE OSMOSIS OR NANOFILTRATION ~71:VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, Immeuble L'Aquarene, 1 place Montgolfier, 94417, Saint-Maurice, France ~72: BERNARD ROY MACK;DALE WYNKOOP~ 33:US ~31:62/444,061 ~32:09/01/2017

2019/04393 ~ Provisional ~54:EMERGENCY LIGHTING DRONE AND SYSTEM ~71:Thabo Amos Ramokonopi, 1252 Selimfe Street, South Africa ~72: Thabo Amos Ramokonopi~

2019/04400 ~ Complete ~54:BONE REGENERATION MATERIAL ~71:WISHBONE, Rue de l'Expansion 1, Belgium ~72: DORY, Emilie;LAMBERT, France;LECLOUX, Geoffrey;ROMPEN, Eric~ 33:BE ~31:BE2017/5025 ~32:16/01/2017;33:EP ~31:PCT/EP2017/050779 ~32:16/01/2017

2019/04396 ~ Complete ~54:CAPPED CONTAINER MOUNTING SYSTEM WITH ENHANCED CONNECTION STRENGTH AND STABILITY ~71:KLEIN, Steven, 177 Tweed Drive, California, United States of America ~72: KLEIN, Steven~ 33:US ~31:62/450,354 ~32:25/01/2017;33:US ~31:15/874,084 ~32:18/01/2018

2019/04398 ~ Complete ~54:ELECTRONIC DEVICE AND METHOD FOR WIRELESS COMMUNICATION SYSTEM, AND STORAGE MEDIUM ~71:Sony Corporation, 1-7-1 Konan, MINATO-KU 108-0075, TOKYO, JAPAN, Japan ~72: CAO, Jianfei~ 33:CN ~31:201710470653.X ~32:20/06/2017

2019/04402 ~ Complete ~54:BICYCLO[1.1.1]PENTANE INHIBITORS OF DUAL LEUCINE ZIPPER (DLK) KINASE FOR THE TREATMENT OF DISEASE ~71:BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, 210 W. 7th Street, Austin, 78701, Texas, United States of America ~72: GANG LIU;JASON CROSS;KANG LE;MICHAEL J SOTH;PHILIP JONES~ 33:US ~31:62/431,504 ~32:08/12/2016

2019/04403 ~ Complete ~54:A STABLE, SELF-DISPERSIBLE, LOW FOAMING SOLID PESTICIDE FORMULATION ~71:ADAMA MAKHTESHIM LTD., P.O Box 60, Beer Sheva, 84100, Israel ~72: MICHAEL BERKOVITCH;SHLOMO LEVY;VIACHESLAV FIRER~ 33:US ~31:62/431,342 ~32:07/12/2016

2019/04408 ~ Complete ~54:METHODS AND COMPOSITIONS FOR IMPROVING PLANT TRAITS ~71:PIVOT BIO, INC., 2929 7th Street Suite 120, Berkeley, 94710, California, United States of America ~72: ALVIN TAMSIR;AUSTIN DAVIS-RICHARDSON;DOUGLAS HIGGINS;EMILY TUNG;KARSTEN TEMME;KEVIN HAMMILL;ROSEMARY CLARK;SARAH BLOCH~ 33:US ~31:62/445,557 ~32:12/01/2017;33:US ~31:62/445,570 ~32:12/01/2017;33:US ~31:62/447,889 ~32:18/01/2017;33:US ~31:62/467,032 ~32:03/03/2017;33:US ~31:62/566,199 ~32:29/09/2017;33:US ~31:62/577,147 ~32:25/10/2017

2019/04401 ~ Complete ~54:SERVICE PROCESSING METHOD AND APPARATUS ~71:ALIBABA GROUP HOLDING LIMITED, Fourth Floor, One Capital Place, P.O. Box 847, George Town, Grand Cayman, Cayman Islands ~72: HONGLIN QIU~ 33:CN ~31:201710057243.2 ~32:26/01/2017

2019/04406 ~ Complete ~54:PERIODIC TIMER SYNCHRONIZATION LOGIC FOR RRC INACTIVE STATE ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), , SE-164 83, Stockholm, Sweden ~72: JOSEFIN KARLSSON;PAUL SCHLIWA-BERTLING;PETER RAMLE;QIAN CHEN~ 33:US ~31:62/476,016 ~32:24/03/2017

2019/04404 ~ Complete ~54:DATA TRANSMISSION METHOD AND DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: JIANHUA LIU;NING YANG~

2019/04405 ~ Complete ~54:CHEMICAL COMPOUNDS FOR COATING OF NANOSTRUCTURES ~71:SPAGO NANOMEDICAL AB, Scheelevägen 22, 223 63, Lund, Sweden ~72: ANGELO SANZONE;OSKAR AXELSSON~ 33:EP ~31:17151653.7 ~32:16/01/2017

2019/04397 ~ Complete ~54:ADJUSTING DEVICE AND METHOD FOR VIBRATION ISOLATOR OF LOCOMOTIVE DIESEL GENERATOR SET ~71:CRRC Dalian Co., Ltd., JIA Xiaoyong, No.51, Zhongchang Street, Shahekou District, DALIAN 116022, LIAONING, CHINA (P.R.C.), People's Republic of China ~72: GAO, Guangyu;JIANG, Xulong;JIN, Jiandong;MA, Yue;WANG, Peng;ZHANG, Yongyi~ 33:CN ~31:201710479485.0 ~32:22/06/2017

- APPLIED ON 7/5/2019 -

2019/04423 ~ Complete ~54:IMPROVED SCARIFIER BOARD FOR MOTOR GRADERS ~71:CATERPILLAR INC., 100 N.E. Adams Street Peoria, United States of America ~72: CONGDON, Thomas, Marshall;PARZYNSKI, David, Bruno~ 33:US ~31:15/380,402 ~32:15/12/2016

2019/04424 ~ Complete ~54:ASSET TRACKING AND WORK TOOL IDENTIFICATION ~71:CATERPILLAR INC., 100 N.e. Adams Street Peoria, United States of America ~72: BERGERHOUSE, Bradley, F.;REED, Joshua, D.~ 33:US ~31:15/380,794 ~32:15/12/2016

2019/04443 ~ Complete ~54:PROCESS TO CONVERT SYNTHESIS GAS TO OLEFINS USING A BIFUNCTIONAL CHROMIUM / ~71:DOW GLOBAL TECHNOLOGIES LLC, 2040 Dow Center Midland, United States of America ~72: GROENENDIJK, Peter E.;MALEK, Andrzej;NIESKENS, Davy L.S.;SANDIKCI, Aysegul Ciftci~ 33:US ~31:62/438,035 ~32:22/12/2016

2019/04420 ~ Complete ~54:SECURITY SYSTEM WITH CLOUD¿BASED CONTROLLER ~71:FIDELITY ADT (PTY) LTD, 505, 15th Road, Randjespark, Midrand, South Africa ~72: JOUBERT, Johannes Willem Jakobus;WESSELS, Carel Lourens~ 33:ZA ~31:2017/08671 ~32:20/12/2017

2019/04432 ~ Complete ~54:TREATMENT OF CANCER WITH A SEMAPHORIN-4D ANTIBODY IN COMBINATION WITH AN EPIGENETIC MODULATING AGENT ~71:VACCINEX, INC., 1895 Mt. Hope Avenue, Rochester , 14620, New York, United States of America ~72: ELIZABETH EVANS;ERNEST S SMITH;MAURICE ZAUDERER~ 33:US ~31:62/473,731 ~32:20/03/2017

2019/04433 ~ Complete ~54:COMPOSITIONS AND METHODS FOR PROMOTING HAIR GROWTH WITH MPC1 INHIBITORS ~71:THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, 1111 Franklin Street 12th Floor, Oakland, 94607-5200, California, United States of America ~72: HEATHER CHRISTOFK;WILLIAM E LOWRY~ 33:US ~31:62/463,232 ~32:24/02/2017

2019/04440 ~ Complete ~54:IMPLEMENT TIP ASSEMBLY HAVING TIP WITH SUPPORT RIB ~71:CATERPILLAR INC., 100 N.E. Adams Street Peoria, United States of America ~72: BALAN, Mihai, Mircea;JURA, Jason;SERRURIER, Douglas;SINN, Eric~ 33:US ~31:62/434,641 ~32:15/12/2016;33:US ~31:15/782,878 ~32:13/10/2017

2019/04441 ~ Complete ~54:IMPLEMENT GROUND ENGAGING TIP ASSEMBLY HAVING TIP WITH TAPERED RETENTION CHANNEL ~71:CATERPILLAR INC., 100 N.E. Adams Street Peoria, United States of

America ~72: BALAN, Mihai Mircea;JURA, Jason;SERRURIER, Douglas;SINN, Eric~ 33:US ~31:62/434,795 ~32:15/12/2016;33:US ~31:15/782,889 ~32:13/10/2017

2019/04418 ~ Complete ~54:PESTICIDAL TOXIN PROTEINS ACTIVE AGAINST LEPIDOPTERAN INSECTS ~71:MONSANTO TECHNOLOGY LLC, 800 North Lindbergh Boulevard, St. Louis, United States of America ~72: BAUM, James, A.;BOWEN, David, J.;CHAY, Catherine A.;CHI, David, J.;CLINTON, William, P.;DART, Crystal, L.;ENGLISH, Leigh;FLASINSKI, Stanislaw;GUZOV, Victor, M.;JARRELL, Kevin, A.;KESANAPALLI, Uma, R.;MALVAR, Thomas, M.;MCCARROLL, Robert, M.;MILLIGAN, Jason, S.;MORGENSTERN, Jay, P.;RUCKER, Deborah, G.;SALVADOR, Sara, A.;SMITH, Temple, F.;SOTO, Carlos, E.;STULTZ, Collin, M.;TURCZYK, Brian, M.;VAUGHN, Ty, T.;VON RECHENBERG, Moritz, W., F., F.~ 33:US ~31:62/445,313 ~32:12/01/2017

2019/04411 ~ Provisional ~54:BEE-HIVE REGULATOR ~71:Roedolf De Waal, 206 Hadeda Street, Montana Park, South Africa ~72: DE WAAL, Roedolf~

2019/04439 ~ Complete ~54:IMPLEMENT TIP ASSEMBLY HAVING TIP WITH WEAR INDICATOR ~71:CATERPILLAR INC., 100 N.E. Adams Street Peoria, United States of America ~72: BALAN, Mihai, Mircea;JURA, Jason;SERRURIER, Douglas;SINN, Eric~ 33:US ~31:62/434,625 ~32:15/12/2016;33:US ~31:15/782,877 ~32:13/10/2017

2019/04444 ~ Complete ~54:PROCESS FOR START-UP OF A MULTIZONE CIRCULATING REACTOR ~71:BASELL POLYOLEFINE GMBH, Brühler Straße 60 50389, Germany ~72: BAITA, Pietro;BALESTRA, Enrico;COVEZZI, Massimo;MARTURANO, Lorella;MAZZUCCO, Antonio;MEI, Gabriele;MEIER, Gerhardus;SCHUELLER, Ulf~ 33:EP ~31:16206297.0 ~32:22/12/2016

2019/04473 ~ Provisional ~54:VULTURE AIRFLOW POWER FACTORY (MINING) ~71:Jacobus Van Der Merwe, 1009 Limberg Street, Faerie Glen,, South Africa ~72: Jacobus Van Der Merwe~

2019/04534 ~ Provisional ~54:LEAKMON ~71:Phumo Kenneth Maduna, 7722/52 Calomel Street,, South Africa ~72: Phumo Kenneth Maduna~

2019/04431 ~ Complete ~54:EARLY DETECTION OF GLIAL CELL ACTIVATION IN NEURODEGENERATIVE OR NEUROINFLAMMATORY DISEASES ~71:VACCINEX, INC., 1895 Mt. Hope Avenue, Rochester , 14620, New York, United States of America ~72: MAURICE ZAUDERER~ 33:US ~31:62/461,945 ~32:22/02/2017

2019/04414 ~ Provisional ~54:LIQUID-DISPENSING CLEANING UTENSIL ~71:Roedolf De Waal, 206 Hadeda Street, Montana Park, South Africa ~72: DE WAAL, Roedolf~

2019/04416 ~ Complete ~54:AGRICULTURAL SPRAYER CONTROL SYSTEM AND METHOD ~71:ROVIC INTERNATIONAL (PTY) LTD, Saxenburg Road, Blackheath, South Africa ~72: RAS, Marthinus Christoffel David~ 33:ZA ~31:2018/04367 ~32:29/06/2018

2019/04419 ~ Complete ~54:HINGE FOR A SWITCHGEAR CABINET HOUSING AND CORRESPONDING SWITCHGEAR CABINET HOUSING AND MOUNTING METHOD ~71:RITTAL GMBH & CO. KG, Auf dem Stützelberg, Germany ~72: BLOH, Achim;GEORG, Frank-Mike;NEUHOF, Markus;RAMDOHR, Martin~ 33:DE ~31:10 2017 108 586.6 ~32:21/04/2017

2019/04428 ~ Complete ~54:PRECODING A TRANSMISSION FROM A MULTI-PANEL ANTENNA ARRAY ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), , SE-164 83, Stockholm, Sweden ~72: MATTIAS FRENNE;SEBASTIAN FAXÉR~ 33:US ~31:62/443,453 ~32:06/01/2017

2019/04429 ~ Complete ~54:PROCESS FOR THE PREPARATION OF A SHAPED SAVOURY CONCENTRATE ~71:UNILEVER PLC, Unilever House, 100 Victoria Embankment, London, Greater London, EC4Y 0DY, United

Kingdom ~72: ARINUS FREDERIKUS LEERINK;GERARD VAN DALEN;JEOFFREY NIKOLAI JANSEN;KEES FREDERIK VAN MALSSEN;THEODORUS BEREND JAN BLIJDENSTEIN~ 33:EP ~31:17156601.1 ~32:17/02/2017

2019/04474 ~ Provisional ~54:BELT EXTENDER MACHINE (MINING ETC) CONVEYER BELT ~71:Jacobus Van Der Merwe, 1009 Limberg Street, Faerie Glen,, South Africa ~72: Jacobus Van Der Merwe~

2019/04476 ~ Provisional ~54:REFLECTIVE/VISSEBLE EARTAGS FOR ANIMALS ~71:Jacobus Van Der Merwe, 1009 Limberg Street, Faerie Glen,, South Africa ~72: Jacobus Van Der Merwe~

2019/04425 ~ Complete ~54:IMPROVED SERRATED CUTTING EDGE WITH CERAMIC INSERT ~71:CATERPILLAR INC., 100 N.E. Adams Street Peoria, United States of America ~72: CONGDON, Thomas, Marshall;PARZYNSKI, David, Bruno~ 33:US ~31:15/380,607 ~32:15/12/2016

2019/04426 ~ Complete ~54:PNEUMATICALLY OPERATED VALVE FOR CARBONATION MACHINE ~71:SODASTREAM INDUSTRIES LTD., Gilboa Street Air Port City, 1914500, Lod, Israel ~72: ALON WAISMAN~ 33:US ~31:15/407,327 ~32:17/01/2017

2019/04427 ~ Complete ~54:COMBINATION THERAPY INVOLVING DIARYL MACROCYCLIC COMPOUNDS ~71:TURNING POINT THERAPEUTICS, INC., 10628 Science Center Drive, Ste. 225, San Diego, 92121, California, United States of America ~72: DAYONG ZHAI;JINGRONG JEAN CUI~ 33:US ~31:62/450,455 ~32:25/01/2017;33:US ~31:62/619,165 ~32:19/01/2018

2019/04430 ~ Complete ~54:ISOLATED POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH PLANTS RESISTANCE TO PATHOGENIC FUNGI ~71:EVOGENE LTD., P.O. Box 2100, Rehovot, 7612002, Israel ~72: ADA VITERBO FAINZILBER;EYAL EMMANUEL;TIDHAR TURGEMAN~ 33:US ~31:62/446,546 ~32:16/01/2017

2019/04436 ~ Complete ~54:RELEASING IMPURITIES FROM A CALCIUM-BASED MINERAL ~71:Carbon Cycle Limited, 248 Sutton Common Road, SURREY SM3 9PW, SUTTON, UNITED KINGDOM, United Kingdom ~72: FLORENCE, Stephen;MIRZA, Waqas;SEVIER, David;THAXTER, Ian~ 33:GB ~31:1621017.1 ~32:09/12/2016;33:GB ~31:1714927.9 ~32:15/09/2017

2019/04437 ~ Complete ~54:CARRIAGE FOR DIFFERENT ELEMENTS OF A CRANE TO BE LOADED IN A CONTAINER ~71:Konecranes Global Corporation, Koneenkatu 8, HYVINKÄÄ 05830, FINLAND, Finland ~72: JUSSILA, Raine;KEKKONEN, Joonas;LAAKKONEN, Henrik;LEHIKOINEN, Eetu;NUMMELA, Visa;REINVALL, Jaakko~ 33:FI ~31:U20174013 ~32:19/01/2017

2019/04438 ~ Complete ~54:HEATING ELEMENT AND METHOD OF ANALYSING ~71:Nicoventures Holdings Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: ROTHWELL, Howard~ 33:GB ~31:1701634.6 ~32:01/02/2017

2019/04475 ~ Provisional ~54:PEANUT AND HAY COLLECTER MACHINE (AGRICULTURE) ~71:Jacobus Van Der Merwe, 1009 Limberg Street, Faerie Glen,, South Africa ~72: Jacobus Van Der Merwe~

2019/04477 ~ Provisional ~54:EASY MOVING BED TIP TRAILERS FOR MOBILE CAR AND TRUCK TRAILERS (MINING AND AGRICULTURE ETC) ~71:Jacobus Van Der Merwe, 1009 Limberg Street, Faerie Glen,, South Africa ~72: Jacobus Van Der Merwe~

2019/04413 ~ Provisional ~54:HOME BASED CARE ~71:Jimmy Makoni, 7 Penny Lane, Parklands, South Africa ~72: Jimmy Makoni~

2019/04415 ~ Complete ~54:METHOD AND DEVICE FOR DETECTING DEFECTS IN THE CLOSURE OF ENCAPSULATED VIALS ~71:GRIFOLS WORLDWIDE OPERATIONS LIMITED, Grange Castle Business Park, Grange Castle, Clondalkin, Ireland ~72: BOIRA BONHORA, Jordi;COCA GARROTE, Jose;ROURA SALIETTI, Carlos~ 33:EP ~31:18382571.0 ~32:30/07/2018

2019/04417 ~ Complete ~54:METHOD AND APPARATUS FOR FILLING SYRINGES WITH RETRACTABLE NEEDLE ~71:IINJEC TECHNOLOGIES INC. / LES TECHNOLOGIES IINJEC INC., Suite 100, 1255 Peel Street, Montréal, Canada ~72: REISENBURG MOLSON, Catherine~ 33:US ~31:62/430,679 ~32:06/12/2016

2019/04442 ~ Complete ~54:CUTTER FOR DOZING BLADE ASSEMBLY AND BODY SECTION FOR SAME ~71:CATERPILLAR INC., 100 N.E. Adams Street Peoria, United States of America ~72: BJERKE, Nathan;CONGDON, Thomas~ 33:US ~31:62/438,242 ~32:22/12/2016;33:US ~31:15/787,810 ~32:19/10/2017

2019/04412 ~ Provisional ~54:VEHICLE DATA RECORD KEEPING SYSTEM ~71:ROETZ, Ronelle, 39 FAIR ACRES, MOOIKLOOF RIDGE, GARSFONTEIN ROAD, PRETORIA, SOUTH AFRICA, South Africa;SETECKI, Petronella, 39 FAIR ACRES, MOOIKLOOF RIDGE, GARSFONTEIN ROAD, PRETORIA, SOUTH AFRICA, South Africa ~72: ROETZ, Ronelle;SETECKI, Petronella~

2019/04421 ~ Complete ~54:SECURITY SYSTEM WITH LOCAL CONTROLLER AND LOT COMMUNICATION PATH ~71:FIDELITY ADT (PTY) LTD, 505, 15th Road, Randjespark, Midrand, South Africa ~72: JOUBERT, Johannes Willem Jakobus;WESSELS, Carel Lourens~ 33:ZA ~31:2017/08670 ~32:20/12/2017

2019/04422 ~ Complete ~54:TRACK SUPPORT RAIL FOR SUPPORTING TRACK ASSEMBLY OF MACHINE, TRACK SUPPORT ~71:CATERPILLAR INC., 100 N.E. Adams Street Peoria, United States of America ~72: ABELLO, Benoit;DUMITRU, Mircea;PULLEY, Ben~ 33:US ~31:15/380,731 ~32:15/12/2016

2019/04434 ~ Complete ~54:USE OF AT LEAST ONE GLYCYRRHIZA PLANT-BASED PREPARATION, AN ANTIDOTE MADE FROM SAME, AND THE USE OF SAID ANTIDOTE ~71:ERBER AKTIENGESELLSCHAFT, Erber Campus 1, Austria ~72: HOFSTÄTTER-SCHAEHS, Ursula;MAYER, Elisabeth;NOVAK, Barbara;SCHATZMAYR, Gerd;SCHWAB-ANDICS, Christina~ 33:EP ~31:16450032.4 ~32:28/12/2016

2019/04435 ~ Complete ~54:REINFORCING ELEMENT ~71:Kirchdorfer Fertigteilholding GmbH, Kirchdorfer Platz 1, WÖLLERSDORF 2752, AUSTRIA, Austria ~72: EDL, Thomas;SPITZER, Franz~ 33:AT ~31:A 51118/2016 ~32:07/12/2016

- APPLIED ON 7/8/2019 -

2019/04469 ~ Complete ~54:HIGH-CONCENTRATION FLUENSULFONE FORMULATIONS, THEIR USES AND PROCESSES OF PREPARATION ~71:ADAMA MAKHTESHIM LTD., P.O Box 60, Beer Sheva, 84100, Israel ~72: GILAD SILBERT;MICHAEL BERKOVITCH~ 33:IB ~31:PCT/IB2016/001863 ~32:09/12/2016;33:US ~31:62/517,391 ~32:09/06/2017

2019/04472 ~ Complete ~54:FORMING A TEXTURE IN A CAN SURFACE DECORATION ~71:CROWN PACKAGING TECHNOLOGY, INC., 11535 South Central Avenue, United States of America ~72: HUGHES, Grahame John;ROGERSON, Martin~ 33:GB ~31:1620917.3 ~32:08/12/2016;33:GB ~31:1714339.7 ~32:06/09/2017

2019/04445 ~ Provisional ~54:DISPLAY DIGITAL INTELLIGENCE SYSTEM ~71:Thabo Edwin Letopa, 43 Homestead Road , Edenburgh , Rivonia , Sandton, South Africa ~72: Thabo Edwin Letopa~

2019/04451 ~ Provisional ~54:COMMEX CONCEPT PATENT ~71:Patricia de Beer, 25 Cuthbert Street, , Dundee , Kwa Zulu Natal, , 3000, South Africa ~72: Commex Minerals (Pty) Ltd~

2019/04454 ~ Complete ~54:GENETICALLY ENGINEERED BACTERIUM COMPRISING ENERGY-GENERATING FERMENTATION PATHWAY ~71:LANZATECH NEW ZEALAND LIMITED, c/o TMF Group Level 12 55 Shortland Street, Auckland, 1010, New Zealand ~72: ALEXANDER PAUL MUELLER;DARMAWI JUMINAGA;JAMES BRUCE YARNTON HAYCOCK BEHRENDORFF;MICHAEL KOEPKE;RASMUS OVERGAARD JENSEN;RYAN EDWARD HILL~ 33:US ~31:62/240,850 ~32:13/10/2015

2019/04455 ~ Complete ~54:GENETICALLY ENGINEERED BACTERIUM COMPRISING ENERGY-GENERATING FERMENTATION PATHWAY ~71:LANZATECH NEW ZEALAND LIMITED, c/o TMF Group Level 12 55 Shortland Street, Auckland, 1010, New Zealand ~72: ALEXANDER PAUL MUELLER;DARMAWI JUMINAGA;JAMES BRUCE YARNTON HAYCOCK BEHRENDORFF;MICHAEL KOEPKE;RASMUS OVERGAARD JENSEN;RYAN EDWARD HILL~ 33:US ~31:62/240,850 ~32:13/10/2015

2019/04457 ~ Complete ~54:WAVE POWER DEVICE ~71:Wavepiston A/S, Kronborg 10, HELSINGØR 3000, DENMARK, Denmark ~72: GLEJBØL, Kristian;MØLLER, Claus Schmidt;VON BÜLOW, Martin~ 33:DK ~31:PA 2016 00763 ~32:13/12/2016

2019/04463 ~ Complete ~54:INJECTABLE COMPOSITION FOR PREVENTING HAIR LOSS OR STIMULATING HAIR GROWTH ~71:KERAMEDIX INC., #801, 68 Digital-ro, 9-gil, Republic of Korea ~72: HWANG, Yu-Shik;KIM, So Yeon;KWON, Il-Keun;VAN, Se Young~ 33:KR ~31:10-2017-0014047 ~32:31/01/2017;33:KR ~31:10-2017-0142726 ~32:30/10/2017

2019/04459 ~ Complete ~54:BICYCLIC INHIBITORS OF HISTONE DEACETYLASE ~71:Rodin Therapeutics, Inc., 300 Technology Square, 8th Floor, CAMBRIDGE 02139, MA, USA, United States of America ~72: FULLER, Nathan Oliver;LOWE, John A., III~ 33:US ~31:62/445,022 ~32:11/01/2017;33:US ~31:62/555,298 ~32:07/09/2017

2019/04460 ~ Complete ~54:INHIBITORS OF NHE-MEDIATED ANTIPORT ~71:Ardelyx, Inc., 34175 Ardenwood Boulevard, FREMONT 94555, CA, USA, United States of America ~72: DOTSENKO, Irina;DRAGOLI, Dean;LEWIS, Jason~ 33:US ~31:62/444,338 ~32:09/01/2017

2019/04461 ~ Complete ~54:GENES AND SNP MARKERS ASSOCIATED WITH LINT PERCENTAGE TRAIT IN COTTON, AND USE THEREOF ~71:Institute of Cotton Research of the Chinese Academy of Agricultural Sciences, No. 38, Huanghe Dadao, Wenfeng District, Anyang City, People's Republic of China ~72: HE, Kunlun;LI,Wei;LIU, Yangai;MA, Xiongfeng;PEI, Xiaoyu;REN, Zhongying;SONG, Chengxiang;SUN, Kuan;WANG, Zhenyu;YANG, Daigang;ZHANG, Fei;ZHANG, Wensheng;ZHOU, Xiaojian~ 33:CN ~31:2018109670083 ~32:23/08/2018;33:CN ~31:2018115637307 ~32:20/12/2018

2019/04468 ~ Complete ~54:CONTROL SYSTEM FOR AUTOMATIC PARKING BRAKE OF RAIL VEHICLE ~71:New York Air Brake, LLC, 748 Starbuck Avenue, United States of America ~72: CALL, Derick~ 33:US ~31:15/426,619 ~32:07/02/2017

2019/04470 ~ Complete ~54:OPTICAL TERMINATION BOX ~71:FURUKAWA INDUSTRIAL S.A. PRODUTOS ELÉTRICOS, Hasdrubal Bellegard 820, Cidade Industrial, Curitiba, 81450140, Brazil ~72: ANDERSON MARCELO STANCYK;GABRIEL TANNER PASETTI;WILHERM TOSHIO KINOSHITA YOSHIZAWA~ 33:BR ~31:BR 10 2016 029000 7 ~32:09/12/2016

2019/04471 ~ Complete ~54:COMPOSITIONS AND METHODS FOR THE DEPLETION OF CD137+ CELLS ~71:MAGENTA THERAPEUTICS, INC., 100 Technology Square, 5th Floor, Cambridge, 02139, Massachusetts, United States of America ~72: ADAM HARTIGAN;ANTHONY BOITANO;MEGAN D HOBAN;MICHAEL COOKE;RAHUL PALCHAUDHURI~ 33:US ~31:62/448,741 ~32:20/01/2017;33:US ~31:62/595,977 ~32:07/12/2017

2019/04450 ~ Provisional ~54:TRAILER LIFT ~71:Marthinus Johannes Basson, 29 Glen Ivy complex Jan Smuts str , Meerhof Hartebeespoort, South Africa ~72: Marthinus Johannes Basson~

2019/04456 ~ Complete ~54:PHARMACEUTICAL PREPARATION AND METHOD FOR ITS MANUFACTURE ~71:Bayer Animal Health GmbH, Kaiser-Wilhelm-Allee 10, LEVERKUSEN 51373, GERMANY, Germany ~72: BILLIAN, Patrick;KANIKANTI, Venkata - Rangarao~ 33:EP ~31:16203308.8 ~32:09/12/2016

2019/04458 ~ Complete ~54:POTASSIUM CHANNEL MODULATORS ~71:Cadent Therapeutics, Inc., 60 Hamilton Street, CAMBRIDGE 02139, MA, USA, United States of America ~72: AMRUTKAR, Dipak Vasantrao;FOSTER, Kelly;JACOBSEN, Thomas Amos;JEFSON, Martin R.;KEANEY, Gregg F.;LARSEN, Janus Schreiber;NIELSEN, Karin Sandager~ 33:US ~31:62/449,270 ~32:23/01/2017

2019/04465 ~ Complete ~54:AUTOMOBILE GROUP ~71:YU, Youhua, Green Les Loges Du Park Hotel Moon District No.51 Chinese Weishanzhuang, Daxing District Beijing 102611, People's Republic of China ~72: YU, Youhua~ 33:CN ~31:201611119428.3 ~32:08/12/2016

2019/04464 ~ Complete ~54:SERVICE JACK SYSTEM ~71:JOY GLOBAL UNDERGROUND MINING LLC, 40 Pennwood Place, Suite 100, Warrendale, United States of America ~72: HAN, Jianjun;NORTJE, Francois~ 33:US ~31:62/441,009 ~32:03/12/2016

2019/04466 ~ Complete ~54:LONG ROOT HYDROPONICS SYSTEM ~71:EDEN GREEN HYDROPONICS INTERNATIONAL (PTY) LTD, 291 Sunderlandridge, Kwambi Crescent, South Africa ~72: EHLERS, Jan Gerhardus;VAN BUUREN, Eugene;VAN BUUREN, Jacques~ 33:ZA ~31:2016/08857 ~32:22/12/2016

2019/04462 ~ Complete ~54:DETERGENT COMPOSITION ~71:HYPRED, 55 Boulevard, Jules Verger, France ~72: BAILLEUL, Anthony~ 33:FR ~31:16 63328 ~32:23/12/2016

2019/04446 ~ Provisional ~54:DIGITAL ADVERTISING AND MARKETING BY DIGIBIN ~71:Luyanda Edmund Ignatius Flatela, 86 10th Avenue, Library Apartments 42, Edenvale, South Africa ~72: Luyanda Edmund Ignatius Flatela~ 33:ZA ~31:2019/04366 ~32:04/07/2019

2019/04447 ~ Provisional ~54:WETBROOM ~71:Lourens Nicolaas Jacobus Engelbrecht, 29 Carla Road, Pringle Bay, South Africa ~72: Lourens Nicolaas Jacobus Engelbrecht;Lourens Nicolaas Jacobus Engelbrecht~

2019/04448 ~ Provisional ~54:A FUELLING AUTHORIZATION SYSTEM ~71:CapScan (Pty) Ltd, 6 WAENHUISKRANS COMPLEX, South Africa ~72: Grabow, Stephan Heinrich;VAN DER VYVER, ANDRE;Van Schalkwyk,Tertius Lendert~

2019/04449 ~ Provisional ~54:A DOCUMENT REPOSITORY AND SYSTEM FOR SERVING DOCUMENTS ~71:ABC2 WEALTH & INVESTMENTS (PTY) LTD, 11 WESTRIDGE, WEDDERWILL COUNTRY ESTATE, SOMERSET WEST, WESTERN CAPE, 7130, SOUTH AFRICA, South Africa ~72: DU PLOOY, Jan Johannes Abraham~

2019/04452 ~ Provisional ~54:ROTARY VANE DEVICE ~71:AZAMOUR INVESTMENT CORPORATION INCORPORATED, C/o OCRA Arabia FZC, P.O Box 330086, RAK Free Trade Zone, Ras Al Khaimah, United Arab Emirates ~72: PHILIP REUBEN NICHOLSON;STEPHEN REUBEN NICHOLSON~

2019/04453 ~ Complete ~54:SYSTEM AND METHOD FOR TENSIONING A CONVEYOR IN A MINING SYSTEM ~71:JOY GLOBAL UNDERGROUND MINING LLC, 40 Pennwood Place, Suite 100, Warrendale, United States of America ~72: ASHLEY, Bryan K.;GREGORY, Keith L.;NEIL, Paul A. Jr.~ 33:US ~31:16/039,992 ~32:19/07/2018

2019/04467 ~ Complete ~54:FATALITY LEARNING SYSTEM AND METHOD ~71:PINNACLE RISK SOLUTIONS PTY LTD, PO Box 1250, Australia ~72: Stephen MARK WOOD~ 33:AU ~31:2016905377 ~32:23/12/2016

2019/04478 ~ Provisional ~54:BUBBLE PAD-SR ~71:MARTHINUS JORDAAN NORTJÉ, 76 Hamilton Road, Claremont, South Africa ~72: MARTHINUS JORDAAN NORTJÉ~

2019/04479 ~ Provisional ~54:ZIP TOP RECLOSABLE ENVELOPE ~71:Ahmed Waseef Saib, 24 Park Avenue, Desainager, South Africa ~72: Ahmed Waseef Saib~

- APPLIED ON 7/9/2019 -

2019/04509 ~ Complete ~54:METHODS AND SYSTEMS FOR TREATMENT OF ETHYLENE OXIDE ~71:Novomer, Inc., 1 Bowdoin Square, Suite 300, BOSTON 02114, MA, USA, United States of America ~72: POKROVSKI, Konstantin A.;RUHL, John B.;SHERRY, Kyle;TSEITLIN, Alexander~ 33:US ~31:62/448,337 ~32:19/01/2017

2019/04482 ~ Provisional ~54:DIGITAL BUSINESS CARDS: OFFICIAL BUSINESS CONTACTS EXCHANGE PLATFORM FOR CONNECTION AND NETWORKING ~71:Mlamli Mjambana, 77 3rd Street, Unit 18 Urban Ridge South, Halfway Gardens, South Africa ~72: Mlamli Mjambana~

2019/04493 ~ Complete ~54:LOW TEMPERATURE IGNITION OF RHODIUM POWDER ~71:Impala Platinum Limited, 2 Fricker Road, ILLOVO, Johannesburg 2196, Gauteng, SOUTH AFRICA, South Africa ~72: ORELLANA CANALES, Eduardo Ariel;PRETORIUS, Johannes Marthinus~

2019/04497 ~ Complete ~54:BUILDING MATERIAL MIXTURE FOR SHIELDING AGAINST ELECTROMAGNETIC RADIATION ~71:HEKA GRAPHIT. TECHNOLOGY GMBH, SCHWERINER STRASSE 27A, 19288 LUDWIGSLUST, GERMANY, Germany ~72: DÜWEL, Jens~ 33:DE ~31:10 2017 000 236.3 ~32:14/01/2017

2019/04498 ~ Complete ~54:TUBELESS WHEEL RIM WITH A DETACHABLE FLANGE, AND TUBELESS WHEEL ~71:ZHENGXING WHEEL GROUP CO., LTD., 73km to the right, State Road 319 North Ring City, Xiangcheng District, Zhangzhou City, People's Republic of China ~72: LAI, Jianhui;LIN, Ziyuan;LU, Longfei;NING, Yuncheng~ 33:CN ~31:201810372798.0 ~32:24/04/2018

2019/04499 ~ Complete ~54:CAM GROOVING MACHINE WITH CAM STOP SURFACES ~71:VICTAULIC COMPANY, 4901 Kesslersville Road, United States of America ~72: DOLE, Douglas R.~ 33:US ~31:15/585,457 ~32:03/05/2017

2019/04501 ~ Complete ~54:METHODS FOR THE TREATMENT OF NEUROLOGICAL DISORDERS ~71:YUMANITY THERAPEUTICS, INC., 790 Memorial Drive, Suite 2C, Cambridge, 02139, Massachusetts, United States of America ~72: BENJAMIN VINCENT;BERTRAND LE BOURDONNEC;CHEE-YEUN CHUNG;DANIEL TARDIFF;ERIC SOLIS;JEFF PIOTROWSKI;KENNETH RHODES;MATTHEW LUCAS;REBECCA ARON;ROBERT SCANNEVIN~ 33:US ~31:62/443,066 ~32:06/01/2017

2019/04502 ~ Complete ~54:THERAPEUTIC COMPOSITION DERIVED FROM ANTHOSTEMA SENEGALENSE ~71:Laboratoire Michel Iderne, Parc d'Activités du Rosenmeer, ROSHEIM 67560, FRANCE, France ~72: BALDE, Aliou Mamadou~ 33:FR ~31:16 60230 ~32:21/10/2016;33:FR ~31:17 50080 ~32:05/01/2017

2019/04485 ~ Provisional ~54:KING BEE ORAL CONDOM ~71:Wild eye suppliers, Kwadabeka sub5 T777, South Africa ~72: Wild eye suppliers~

2019/04496 ~ Complete ~54:PESTICIDAL COMPOUNDS ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: ADISECHAN, Ashokkumar;CHAUDHURI, Rupsha;DATTA, Gopal, Krishna;NARINE, Arun;SAMBASIVAN, Sunderraman;VALLINAYAGAM, Ramakrishnan;VYAS, Devendra~ 33:EP ~31:16204569.4 ~32:16/12/2016

2019/04491 ~ Complete ~54:ANTI-TL1A/ANTI-TNF-ALPHA BISPECIFIC ANTIGEN BINDING PROTEINS AND USES THEREOF ~71:Amgen Inc., One Amgen Center Drive, THOUSAND OAKS 91320-1799, CA, USA, United States of America ~72: BELOUSKI, Edward J.;HORTTER, Michelle;HSU, Hailing;KANNAN, Gunasekaran;WALKER, Kenneth W.~ 33:US ~31:62/268,432 ~32:16/12/2015;33:US ~31:62/333,063 ~32:06/05/2016;33:IB ~31:2016/052006 ~32:15/09/2016

2019/04492 ~ Complete ~54:TOILET AND SINK ARRANGEMENT ~71:BASHOMI TRADING AND PROJECTS CC., 472 LILIAN NGOYI STREET, PRETORIA CENTRAL, South Africa ~72: BASHOMI TRADING AND PROJECTS CC.;MENGOAI, Alphonce, Laurent~ 33:ZA ~31:ZA20190006970 ~32:14/02/2019

2019/04494 ~ Complete ~54:ANTI¿TGF¿BETA ANTIBODIES AND THEIR USE ~71:SANOFI, 54 rue La Boétie, France ~72: BROWEN, Kevin;FINN, Patrick;GREGORY, Richard, C.;KODURI, Rao;LIU, Feng;MALKOVA, Natalia;MANKOO, Parminder;POLLARD, Jack, R.;QIU, Huawei;SHAPIRO, Gary;THEILHABER, Joachim;WINTER, Christopher;YU, Marcella~ 33:EP ~31:1730561.8 ~32:20/01/2017;33:US ~31:62/448,800 ~32:20/01/2017

2019/04500 ~ Complete ~54:SEPARATE CONFIGURATION OF NUMEROLOGY-ASSOCIATED RESOURCES ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: HUA XU;JIA SHEN~ 33:US ~31:62/448,676 ~32:20/01/2017

2019/04506 ~ Complete ~54:GAMING CURRENCY MANAGEMENT SYSTEM AND STORAGE BOX ~71:Angel Playing Cards Co., Ltd., 4600, Aono-cho, HIGASHIOMI-SHI 5270232, SHIGA, JAPAN, Japan ~72: SHIGETA, Yasushi~ 33:JP ~31:2016-258007 ~32:30/12/2016

2019/04507 ~ Complete ~54:HETEROCYCLIC SPIRO COMPOUNDS AS MAGL INHIBITORS ~71:Pfizer Inc., 235 East 42nd Street, NEW YORK 10017, NY, USA, United States of America ~72: BRODNEY, Michael Aaron;BUTLER, Christopher Ryan;HELAL, Christopher John;MCALLISTER, Laura Ann;O'NEIL, Steven Victor;VERHOEST, Patrick Robert~ 33:US ~31:62/449,242 ~32:23/01/2017

2019/04508 ~ Complete ~54:HEATING ELEMENT SELECTION METHOD ~71:Nicoventures Holdings Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: ROTHWELL, Howard~ 33:GB ~31:1701633.8 ~32:01/02/2017

2019/04495 ~ Complete ~54:STEEPING APPARATUS AND METHODS FOR BREWING A BEVERAGE ~71:PATEL, Abdul, Ebrahim, 42 GASCOIGNE GARDENS, WOODFORD GREEN, ESSEX ESSEX, IG8 9NU, GB, United Kingdom ~72: PATEL, Abdul, Ebrahim~ 33:GB ~31:1621221.9 ~32:14/12/2016

2019/04510 ~ Complete ~54:SUPPORT FOR A MOBILE ELECTRONIC DEVICE ~71:YUAN, Chen-Kee, 304-2665 Broadway W, Canada ~72: YUAN, Chen-Kee~ 33:CA ~31:2955524 ~32:20/01/2017;33:US ~31:15/799,200 ~32:31/10/2017

2019/04505 ~ Complete ~54:UNIVERSAL INFLUENZA VACCINE COMPOSITIONS ~71:Emergex Vaccines Holding Limited, 4/5 Dunmore Court, Wootton Road, ABINGDON OX13 6BH, OXFORDSHIRE, UNITED KINGDOM, United Kingdom ~72: PHILIP, Ramila~ 33:US ~31:62/441,659 ~32:03/01/2017

2019/04481 ~ Provisional ~54:EXTRACTS OF SACCHARIDES FROM UVARIA BREVISTIPITATA DE WILD ~71:CREPPAT LABORATORIES PROPRIETARY LIMITED, 80 Frere Road, VINCENT, East London 5247, SOUTH AFRICA, South Africa ~72: BASHENGEZI, Constantin Mihigo Ighanz Kulimushi~

2019/04483 ~ Provisional ~54:MESSAGING SYSTEM AND METHOD FOR A DISPLAY SCREEN ~71:BARNARD, Gregory, 3 Wilton Avenue, Bryanston, JOHANNESBURG 2021, Gauteng, SOUTH AFRICA, South Africa ~72: BARNARD, Gregory~

2019/04486 ~ Complete ~54:A TABLE TENNIS TRAINING MACHINE FOR CHILDREN ~71:Zaozhuang University, No. 1 Beian Road, Shizhong Dist., Shandong Province, People's Republic of China ~72: Lei Zhang;Xudong Xie~ 33:CN ~31:201910223472.6 ~32:22/03/2019

2019/04487 ~ Complete ~54:CABLE GAUGE ~71:PRATLEY INVESTMENTS (PTY) LTD, 14 Jackson Street, Factoria, South Africa ~72: BREEDT, Sven Johann;PRATLEY, Charles Montague~ 33:ZA ~31:2018/04572 ~32:09/07/2018

2019/04480 ~ Provisional ~54:EXERCISE DEVICE ~71:Willem Johannes van Straaten, 49 Trafalgar Place street Sandhurst, South Africa ~72: Willem Johannes van Straaten~

2019/04678 ~ Provisional ~54:SAVE MY LEVY/LEVY FOR ME/LEVY PROTECTION ~71:RUTH CRISP, 17 River Road, 8th Road, Midrand, Crescent Wood Country Estate, Sagewood Ext 10,, South Africa ~72: RUTH CRISP~

2019/04484 ~ Provisional ~54:PLANTER UNIT ~71:EQUALIZER AG (PTY) LTD, 11 & 9 Goud Crescent, South Africa ~72: SCHREUDER, Gideon Johannes Rademan~

2019/04490 ~ Complete ~54:HETEROCYCLIC COMPOUNDS AND USES THEREOF ~71:ACEA Biosciences Inc., 6779 Mesa Ridge Rd., Suite 100, SAN DIEGO 92121, CA, USA, United States of America ~72: MAO, Long;WANG, Xiaobo;XI, Biao;XU, Xiao;ZHAO, Li~ 33:US ~31:61/845,342 ~32:11/07/2013;33:US ~31:61/923,179 ~32:02/01/2014

2019/04488 ~ Complete ~54:FOOD STORAGE CONTAINER ~71:ALAN RODNEY VAN DER MERWE, Portion 12, Farm Daniels Rus, South Africa ~72: ALAN RODNEY VAN DER MERWE~ 33:ZA ~31:2018/04546 ~32:09/07/2018

2019/04489 ~ Complete ~54:ANTI-FREEZING URBAN GREEN WALL APPLICABLE TO GROWTH OF GREENHOUSE PLANTS ~71:Shandong Institute of Agricultural Sustainable Development, No. 202 Gongyebei Road, Jinan, People's Republic of China ~72: CUI, Fangmei;JIA, Chunlin;LIU, Tao;LIU, Yang;WANG, Yong;YANG, Jie;YAO, Huimin~ 33:CN ~31:01810759749.2 ~32:13/11/2018

2019/04503 ~ Complete ~54:TRACTION POWER MODULE ~71:CRRC Yongji Electric Co., Ltd, No.18 Dianji Street, YONGJI 044502, SHANXI, CHINA (P.R.C.), People's Republic of China ~72: GAO, Yongjun;LI, Shourong;WANG, Bin;WANG, Lei~ 33:CN ~31:201611132696.9 ~32:09/12/2016

2019/04504 ~ Complete ~54:FOUR-QUADRANT POWER MODULE ~71:CRRC Yongji Electric Co., Ltd, No.18 Dianji Street, YONGJI 044502, SHANXI, CHINA (P.R.C.), People's Republic of China ~72: GAO, Sheng;GAO, Yongjun;LI , Wei;LI, Shourong;WANG, Lei;YANG, Lu~ 33:CN ~31:201611131733.4 ~32:09/12/2016

2019/04511 ~ Provisional ~54:LOUKHAL' ~71:Modise Morata, 14TH ROAD, South Africa ~72: Modise Morata~ 33:ZA ~31:MOLOWA01 ~32:08/07/2019

2019/04539 ~ Provisional ~54:TAGNOLOGY ~71:Lonwabo Justice Ntloko, 565 Tau Street, Phase 2, Diepkloof Extension,, South Africa ~72: Lonwabo Justice Ntloko~

- APPLIED ON 7/10/2019 -

2019/04529 ~ Complete ~54:MIXER ~71:NMBU, Postboks 5003, ÅS 1432, NORWAY, Norway ~72: MILADINOVIC, Dejan;NIKQI, Ismet;SALAS BRINGAS, Carlos Mauricio~ 33:NO ~31:20170127 ~32:27/01/2017

2019/04530 ~ Complete ~54:FOODSTUFF ATMOSPHERE CONTROL PROCESS AND SYSTEM ~71:DPKL, Gardes Piac, SAINT PAUL D¿ESPIS 82400, FRANCE, France ~72: DESPIERRES, Christophe;DUPARC, Benoit;KRZAK, Camille;KRZAK, Léo~ 33:FR ~31:17 50232 ~32:11/01/2017

2019/04531 ~ Complete ~54:MILL LINER INSTALLATION ~71:Russell Mineral Equipment Pty Ltd, 149 Hursley Road, TOOWOOMBA 4350, QUEENSLAND, AUSTRALIA, Australia ~72: CHAPMAN, Andrew Ross;RUBIE, Peter John~ 33:AU ~31:2016905248 ~32:19/12/2016

2019/04533 ~ Complete ~54:ANTIBODIES AGAINST LIF AND USES THEREOF ~71:FUNDACIO PRIVADA INSTITUCIO CATALANA DE RECERCA I ESTUDIS AVANCATS, Passeig Lluis Companys, 23, Spain;FUNDACIO PRIVADA INSTITUT D'INVESTIGACIO ONCOLOGICA DE VALL HEBRON, Natzaret, 115-117, Edifici Cellex, Spain;MOSAIC BIOMEDICALS, S.L.U., Barcelona Science Park, C/Baldiri Reixac, Spain ~72: ANIDO FOLGUEIRA, Judit;FRANSSON, Johan;JULIEN, Jean-Philippe;RAMAN, Swetha;SEOANE SUAREZ, Joan~ 33:EP ~31:16382617.5 ~32:19/12/2016;33:US ~31:62/467,017 ~32:03/03/2017;33:EP ~31:17382683.5 ~32:13/10/2017

2019/04516 ~ Complete ~54:INDUSTRIAL COMPUTER DISPLAY CONTROL DEVICE FOR MINE COMPREHENSIVE PROTECTION SYSTEM DETECTION DEVICE BY PLC ~71:Anhui University of Science and Technology, No. 168 Taifeng Road, Anhui Province, People's Republic of China ~72: CHEN, Wei;DENG, Haishun;HE, Qianjin;HU, Xiangwei;WANG, Yaming~ 33:CN ~31:201811256468.1 ~32:26/10/2018

2019/04512 ~ Provisional ~54:PROCESS FOR PREPARING A PLANT EXTRACT PRODUCT ~71:NIEBUHR, Peter, Dagbreek Plot 12, Vryheid District, South Africa ~72: NIEBUHR, Peter~

2019/04513 ~ Provisional ~54:CONTAINER FOR TRANSPORTING PACKAGES ~71:ENERGIDROP (PTY) LTD, 94 AZALEA ROAD, FLORAPARK, South Africa ~72: BOSHOFF, Darius Roland Kunz;FINCHER, Jeremy Home Carman~

2019/04518 ~ Complete ~54:DISTRIBUTION NETWORK DEFECT IDENTIFICATION METHOD AND SYSTEM ~71:Shandong University, 27 Shanda Nanlu, Jinan, P.R China 250100, People's Republic of China ~72: DU, Hongchao;LIU, Yuanlong;XU, Bingyin;ZHANG, Hengxu~

2019/04519 ~ Complete ~54:BIOMARKERS FOR SYSTEMIC LUPUS ERYTHEMATOSUS DISEASE ACTIVITY, AND INTENSITY AND FLARE ~71:OKLAHOMA MEDICAL RESEARCH FOUNDATION, 825 N.E. Thirteenth Street, Oklahoma City, United States of America ~72: JAMES, Judith, A.;MUNROE, Melissa, E.~ 33:US ~31:62/450,880 ~32:26/01/2017

2019/04528 ~ Complete ~54:APPARATUS FOR HEATING SMOKABLE MATERIAL ~71:British American Tobacco (Investments) Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, GREATER LONDON, UNITED KINGDOM, United Kingdom ~72: AOUN, Walid Abi;HORROD, Martin Daniel;MOLONEY, Patrick;WHITE, Julian Darryn~ 33:GB ~31:1700812.9 ~32:17/01/2017

2019/04523 ~ Complete ~54:TITANIUM MASTER ALLOY FOR TITANIUM-ALUMINUM BASED ALLOYS ~71:UNIVERSAL ACHEMETAL TITANIUM, LLC, 950 N. Kings Highway, Suite 208, Cherry Hill, 08034, New Jersey, United States of America ~72: BENJAMIN A KOHLER;CHANAKA L DE ALWIS;JAMES R COX;JULIANE B KLUCK;MICHAEL G LEWIS~ 33:US ~31:62/446,205 ~32:13/01/2017

2019/04524 ~ Complete ~54:TECHNIQUE FOR MONITORING A RADIO COMMUNICATION ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), , SE-164 83, Stockholm, Sweden ~72: ANDERS JONSSON;GUNNAR BERGQUIST;MIKAEL WITTBERG;SAMIR SHAH~ 33:US ~31:62/458,177 ~32:13/02/2017

2019/04527 ~ Complete ~54:NOVEL NANOEMULSIONS COMPRISING GLYCEROL IN AQUEOUS PHASE ~71:UNILEVER PLC, Unilever House, 100 Victoria Embankment, London, Greater London, EC4Y 0DY, United Kingdom ~72: CONGLING QUAN~ 33:EP ~31:17155138.5 ~32:08/02/2017

2019/04520 ~ Complete ~54:MINE COMPREHENSIVE PROTECTION SYSTEM DETECTION DEVICE BASED ON PLC AND INDUSTRIAL COMPUTER ~71:Anhui University of Science and Technology, No. 168 Taifeng Road, Anhui Province, People's Republic of China ~72: CHEN, Wei;DENG, Haishun;HE, Qianjin;HU, Xiangwei;WANG, Yaming~ 33:CN ~31:201811256474.7 ~32:26/10/2018

2019/04521 ~ Complete ~54:METHOD FOR TRANSMITTING DATA, TERMINAL DEVICE AND NETWORK DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, Dongguan, People's Republic of China ~72: LIN, YaNan~

2019/04525 ~ Complete ~54:CHEMICAL REACTOR WITH CATALYST SUPPORT SYSTEM ~71:HALDOR TOPSØE A/S, Haldor Topsøes Allé 1, 2800 Kgs., Lyngby, Denmark ~72: HELBO ANDERS HANSEN;JOHANNES RUBEN LARSEN;MAGNUS MØLLER JØRGENSEN;THOMAS SANDAHL CHRISTENSEN~ 33:DK ~31:PA 2017 00131 ~32:27/02/2017

2019/04526 ~ Complete ~54:EDIBLE CONCENTRATE COMPRISING MICROFIBRILLATED CELLULOSE ~71:UNILEVER PLC, Unilever House, 100 Victoria Embankment, London, Greater London, EC4Y 0DY, United Kingdom ~72: KRASSIMIR PETKOV VELIKOV;MICHAEL JACOBUS SUIJKER;PANAYIOTIS VOUDOURIS~ 33:EP ~31:17155323.3 ~32:09/02/2017

2019/04517 ~ Complete ~54:CONTROL METHOD FOR THE DETECTION DEVICE OF MINE COMPREHENSIVE PROTECTION SYSTEM BASED ON PLC AND INDUSTRIAL COMPUTER ~71:Anhui University of Science and Technology, No. 168 Taifeng Road, Anhui Province, People's Republic of China ~72: CHEN, Wei;DENG, Haishun;HE, Qianjin;HU, Xiangwei;WANG, Yaming~ 33:CN ~31:201811256472.8 ~32:26/10/2018

2019/04522 ~ Complete ~54:HETEROCYCLIC INHIBITORS OF MCT4 ~71:VETTORE, LLC, 1700 Owens St. Suite 515, San Francisco, 94110, California, United States of America ~72: DONNA ROMERO;JOHN M MCCALL;KENNETH MARK PARNELL~ 33:US ~31:62/433,113 ~32:12/12/2016

2019/04514 ~ Provisional ~54:A TANK BULKHEAD FITTING ~71:SIRAC SOUTHERN AFRICA (PTY) LTD, Unit 3, 22 Bell Close, Westlake, South Africa ~72: DEANE, David Kenrick~

2019/04515 ~ Provisional ~54:CLINKER ~71:Circle Seven Trading 997 CC, 14 Wingen Walk, Shallcross, DURBAN 4093, KwaZulu-Natal, SOUTH AFRICA, South Africa ~72: RASOOL, Zahed~

2019/04532 ~ Complete ~54:REAGENTS FOR TREATMENT OF OCULOPHARYNGEAL MUSCULAR DYSTROPHY (OPMD) AND USE THEREOF ~71:BENITEC BIOPHARMA LIMITED, Suite 1201, 99 Mount Street, Australia ~72: STRINGS-UFOMBAH, Vanessa;SUHY, David~ 33:US ~31:62/434,312 ~32:14/12/2016

- APPLIED ON 7/11/2019 -

2019/04560 ~ Complete ~54:CODING AND DECODING OF A POLAR CODE CONCATENATED WITH INTERLEAVING WITH AN OUTER SYSTEMATIC CODE ~71:TELEFONAKTIEBOLAGET LM ERICSSON

(PUBL), , SE-164 83, Stockholm, Sweden ~72: DENNIS HUI;YUFEI BLANKENSHIP~ 33:US ~31:62/444,560 ~32:10/01/2017

2019/04540 ~ Provisional ~54:A PROSTHETIC FOOT ~71:TSHWANE UNIVERSITY OF TECHNOLOGY, Building 20, Office 133 Staatsartillery Road, Pretoria, 0002, Gauteng, South Africa ~72: ANTONIE SCHUTZE;KYLE GRAHAM BRAND;LINDOKUHLE SIPHESIHLE MDLALOSE~

2019/04543 ~ Complete ~54:LAW ENFORCEMENT MANAGEMENT ~71:MPOTOANE, Abram Modise, 6 Magnolia Street, Esther Park, South Africa ~72: MPOTOANE, Abram Modise~

2019/04547 ~ Complete ~54:IMPROVED ROAD PROTECTION BARRIER ~71:Jose Manuel SANCHEZ DE LA CRUZ, Av. 308,25, Spain ~72: Jose Manuel SANCHEZ DE LA CRUZ~ 33:ES ~31:P201730013 ~32:05/01/2017

2019/04555 ~ Complete ~54:OXIME GROUP-CONTAINING CONDENSED HETEROCYCLIC COMPOUND OR SALT THEREOF, AGRICULTURAL AND HORTICULTURAL INSECTICIDE COMPRISING THE COMPOUND OR THE SALT, AND METHOD FOR USING THE INSECTICIDE ~71:NIHON NOHYAKU CO., LTD., 19-8, Kyobashi 1-chome Chuo-ku, Tokyo, 1048386, Japan ~72: AKIYUKI SUWA;IKKI YONEMURA;RYOSUKE TANAKA;SHUNPEI FUJIE;YUSUKE SANO~ 33:JP ~31:2016-253824 ~32:27/12/2016

2019/04538 ~ Provisional ~54:STRUCTURAL KIT AND METHOD OF ASSEMBLING AND MANUFACTURING COMPONENTS THEREOF ~71:BREGMAN, Larry Dean, No.12 Killarney Hills, 10th street, South Africa;DA CONCEICAO, Janine, No.12 Killarney Hills, 10th street, South Africa ~72: BREGMAN, Larry Dean;DA CONCEICAO, Janine~

2019/04557 ~ Complete ~54:SULFURIC ACID ESTERIFICATION MODIFIED CELLULOSE NANOFIBERS AND METHOD FOR PRODUCING CELLULOSE NANOFIBERS ~71:KRI, INC., 134, Chudoji Minami-machi, Shimogyo-ku, Kyoto-shi, Kyoto, 6008813, Japan ~72: AYAKO MARUTA;LIANZHEN LIN;MASANORI HORI~ 33:JP ~31:2017-005293 ~32:16/01/2017;33:JP ~31:2017-102915 ~32:24/05/2017;33:JP ~31:2017-183063 ~32:22/09/2017

2019/04561 ~ Complete ~54:HANDLING DEVICE FOR A VALUABLE ARTICLE AND METHOD FOR PRODUCING A HANDLING DEVICE ~71:KARATBARS INTERNATIONAL GMBH, Vaihinger Strasse 149 a, 70567, Stuttgart, Germany ~72: HARALD SEIZ~ 33:DE ~31:10 2016 124 301.9 ~32:14/12/2016

2019/04542 ~ Provisional ~54:VEHICLE MONITORING SYSTEM ~71:DIVISION X (PTY) LTD, Ground Floor, Block D, 676 on Gallagher, South Africa ~72: HARINGTON, Joshua Michael;HURDEEN, Rikash Ramrajh;UNSER, Evan James~

2019/04544 ~ Complete ~54:NEW MEDICAL USE OF COMPOUND III ~71:BOEHRINGER INGELHEIM INTERNATIONAL GMBH, Binger Strasse 173, Germany ~72: ADACHI, Masashi;BETZEMEIER, Bodo;BRODMANN, Tobias;GIOVANNINI, Riccardo;ITO, Masanori;KAMATA, Takayuki;KAWABATA, Yohei;MARCKART, Daniel, Jens;NAKATANI, Manabu;ROSENBROCK, Holger;SAND, Michael, Steven;WERTHMANN, Ulrike~ 33:US ~31:62/462,621 ~32:23/02/2017;33:US ~31:62/526,393 ~32:29/06/2017

2019/04545 ~ Complete ~54:OXYGEN SCAVENGING PLASTIC MATERIAL ~71:CLARIANT PLASTICS & COATINGS LTD, Rothausstr. 61, Switzerland ~72: GILLISSEN, Martijn;RODRIGUEZ, Maria, Victoria;SAHL, Mike~ 33:EP ~31:17156041.0 ~32:14/02/2017

2019/04546 ~ Complete ~54:TAILLESS AIRCRAFT ~71:UNIVERSITY OF PRETORIA, Lynnwood Road, Hillcrest,, PRETORIA 0002, SOUTH AFRICA, South Africa ~72: HUYSSEN, Reinhard Joachim~ 33:ZA ~31:2017/00443 ~32:19/01/2017

2019/04548 ~ Complete ~54:BENZISOTHIAZOLE, ISOTHIAZOLO[3,4-B]PYRIDINE, QUINAZOLINE, PHTHALAZINE, PYRIDO[2,3-D]PYRIDAZINE AND PYRIDO[2,3-D]PYRIMIDINE DERIVATIVES AS KRAS G12C INHIBITORS FOR TREATING LUNG, PANCREATIC OR COLORECTAL CANCER ~71:Amgen Inc., One Amgen Center Drive, THOUSAND OAKS 91320-1799, CA, USA, United States of America ~72: ASHTON, Kate;BOOKER, Shon;CEE, Victor J.;KOPECKY, David John;LANMAN, Brian Alan;LOPEZ, Patricia;PICKRELL, Alexander J.;REED, Anthony B.;TEGLEY, Christopher M.;WANG, Hui-Ling;YANG, Kevin C.~ 33:US ~31:62/438,334 ~32:22/12/2016

2019/04562 ~ Complete ~54:PROBIOTIC COMPOSITIONS AND USES THEREOF ~71:PROBI AB, Sölvegatan 41, Sweden ~72: AGARDH, Daniel;LARSSON, Lars Niklas;LAZOU AHRÉN, Irini~ 33:GB ~31:1700542.2 ~32:12/01/2017;33:GB ~31:1709731.2 ~32:19/06/2017

2019/04550 ~ Complete ~54:GEMSTONE SORTING ~71:De Beers UK Limited, 17 Charterhouse Street, LONDON EC1N 6RA, UNITED KINGDOM, United Kingdom ~72: DAVIES, Nicholas Matthew;FISHER, David;MCGUINNESS, Colin;PORTSMOUTH, Andrew John~ 33:GB ~31:1622077.4 ~32:23/12/2016

2019/04551 ~ Complete ~54:USE OF BIOLOGICAL RNA SCAFFOLDS WITH IN VITRO SELECTION TO GENERATE ROBUST SMALL MOLECULE BINDING APTAMERS FOR GENETICALLY ENCODABLE BIOSENSORS ~71:The Regents of the University of Colorado, a body corporate, 1800 Grant Street, 8th Floor, DENVER 80203, CO, USA, United States of America ~72: BATEY, Robert T.;PORTER, Ely B.~ 33:US ~31:62/432,879 ~32:12/12/2016

2019/04553 ~ Complete ~54:IMPROVED EXPLOSIVE COMPOSITION ~71:CMTE DEVELOPMENT LIMITED, Building 101, UQ Pinjarra Hills Campus 2436 Moggill Road Pinjarra Hills, Queensland, 4069, Australia ~72: ITALO ONEDERRA;MIGUEL ULISES ARAOS~ 33:AU ~31:2016905130 ~32:12/12/2016

2019/04537 ~ Provisional ~54:REMOTE SERVICE AUTHENTICATION BY WAY OF AN OFFLINE PASSCODE ENTRY DEVICE ~71:ENTERSEKT (PTY) LTD, 6 Elektron Road, Technopark, Stellenbosch, South Africa ~72: AKOOB, Iftekhar;ALVES, Dino Dominique Rodrigues;BESTER, Daniël Deetlefs;DE WET, Petrus Johannes;JACOBS, Riaan;NEL, Philip Johannes Cornelis;NOLTE, Francois Archibald;OOSTHUIZEN, Gerhard Gysbert;SOLWANDLE, Xolisa;WAGNER, Bernard~

2019/04535 ~ Provisional ~54:THE ENTREPRENEUR GAME (BOARD AND DIGITAL) ~71:Marvin Ansley Domingo, 28 Forel Street, South Africa ~72: Marvin Ansley Domingo~

2019/04536 ~ Provisional ~54:BANNER CAMP ALL PURPOSE HOLDING STRAP ~71:Marvin Ansley Domingo, 28 Forel Street, South Africa ~72: Marvin Ansley Domingo~

2019/04541 ~ Provisional ~54:STRUCTURAL KIT AND METHOD OF ASSEMBLING AND MANUFACTURING COMPONENTS THEREOF ~71:BREGMAN, Larry Dean, No.12 Killarney Hills, 10th street, South Africa;DA CONCEICAO, Janine, No.12 Killarney Hills, 10th street, South Africa ~72: BREGMAN, Larry Dean;DA CONCEICAO, Janine~

2019/04549 ~ Complete ~54:PYRIMIDINE DERIVATIVE ~71:Daiichi Sankyo Company, Limited, 3-5-1, Nihonbashi Honcho, Chuo-ku, TOKYO 103-8426, JAPAN, Japan ~72: INABA, Rie;INOUE, Hidekazu;MUNEOKA, Satoshi;MURAFUJI, Hidenobu;NOJI, Toshiharu;SUZUKI, Yamato;TAKAHASHI, Bitoku;TAKEDA, Yasuyuki~ 33:JP ~31:2016-253857 ~32:27/12/2016

2019/04552 ~ Complete ~54:BIOCARBON REGENERATION AND / OR FERTILIZER SUBSTRATE ~71:ZDROJE ZEME A.S., Strojárenská 1 900 27, Slovakia ~72: KRÁLIK,

Peter;MARYN¿ÁK, Miroslav~ 33:SK ~31:PP 114-2016 ~32:22/12/2016;33:SK ~31:PUV 148-2016 ~32:22/12/2016

2019/04554 ~ Complete ~54:PYRROLOTRIAZINE DERIVATIVES AS KINASE INHIBITOR ~71:DAEWOONG PHARMACEUTICAL CO., LTD., 35-14, Jeyakgongdan 4-gil, Hyangnam-eup, Hwaseong-si, Gyeonggi-do, 18623, Republic of Korea ~72: IN WOO KIM;JA KYUNG YOO;JI DUCK KIM;JUN HEE LEE;SUN AH JUN~ 33:KR ~31:10-2017-0034059 ~32:17/03/2017

2019/04556 ~ Complete ~54:4H-PYRROLOPYRIDINE COMPOUND OR SALT THEREOF, AGRICULTURAL AND HORTICULTURAL INSECTICIDE COMPRISING THE COMPOUND OR THE SALT, AND METHOD FOR USING THE INSECTICIDE ~71:NIHON NOHYAKU CO., LTD., 19-8, Kyobashi 1-chome Chuo-ku, Tokyo, 1048386, Japan ~72: AKIHIRO MIYASAKA;AKIYUKI SUWA;IKKI YONEMURA;NAOTO SHIMIZU;RYOSUKE TANAKA;SHUNPEI FUJIE;YUSUKE SANO~ 33:JP ~31:2016-253629 ~32:27/12/2016

2019/04558 ~ Complete ~54:METHODS AND COMPOSITIONS FOR PREVENTING OR MINIMIZING EPITHELIAL-MESENCHYMAL TRANSITION ~71:PROMETIC PHARMA SMT LIMITED, Horizon Park, Barton Road, Comberton, Cambridge, CB23 7AJ, United Kingdom ~72: LYNE GAGNON;PIERRE LAURIN~ 33:US ~31:62/437,123 ~32:21/12/2016;33:US ~31:62/462,530 ~32:23/02/2017

2019/04559 ~ Complete ~54:BACKWARD-COMPATIBLE INTEGRATION OF HARMONIC TRANSPOSER FOR HIGH FREQUENCY RECONSTRUCTION OF AUDIO SIGNALS ~71:DOLBY INTERNATIONAL AB, Apollo Building, 3E Herikerbergweg 1-35, 1101 CN, Amersterdam Zuidoost, Netherlands ~72: HEIKO PURNHAGEN;LARS VILLEMOES;PER EKSTRAND~ 33:US ~31:62/475,619 ~32:23/03/2017

- APPLIED ON 7/12/2019 -

2019/04577 ~ Complete ~54:VIRULENCE ATTENUATED BACTERIA BASED PROTEIN DELIVERY ~71:UNIVERSITÄT BASEL, PETERSGRABEN 35, 4001 BASEL, SWITZERLAND, Switzerland ~72: AMSTUTZ, Marlise;ITTIG, Simon;KASPER, Christoph~ 33:EP ~31:16205439.9 ~32:20/12/2016

2019/04592 ~ Complete ~54:TWO-DIMENSIONAL BARCODE PROCESSING METHOD, DEVICE, AND SYSTEM ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: CHEN, Ge;JIN, Huifeng;LIU, Yanghui;SHEN, Lingnan~ 33:CN ~31:201611154671.9 ~32:14/12/2016

2019/04564 ~ Provisional ~54:PACKAGING ARRANGEMENT ~71:Vortex Innovation Worx (Pty) Ltd, 4 Paddy Close, South Africa ~72: Chris SHAW~

2019/04567 ~ Complete ~54:METHOD OF AND SYSTEM FOR FACILITATING THE IDENTIFICATION OF BENEFITS ASSOCIATED WITH A DECEASED INDIVIDUAL ~71:THE BRIDGE TECHNOLOGIES (PTY) LTD, 279 Whack Street, South Africa ~72: Sive MPEPANDUKU~

2019/04568 ~ Complete ~54:BENZODIAZEPINE DERIVATIVES AS RSV INHIBITORS ~71:ENANTA PHARMACEUTICALS, INC., 500 ARSENAL STREET, WATERTOWN, MASSACHUSETTS 02472, USA, United States of America ~72: BLAISDELL, Thomas, P.;KIM, In, Jong;OR, Yat, Sun;PANARESE, Joseph;SHOOK, Brian, C.;YU, Jianming~ 33:US ~31:62/195,648 ~32:22/07/2015;33:US ~31:62/335,227 ~32:12/05/2016

2019/04563 ~ Provisional ~54:GOLF ACCESSORY ~71:LIEBENBERG, Etienne, 37 Millstone, Heuwelsig Estate, South Africa;NEETHLING, Henri, Jakarta Mews 15, Flambooyant Street, Northvilla, South Africa;VAN DER WATT, Christo, 5 Maridin Place, Cnr. Camborne & Fore Streets, New Redruth, South Africa ~72: LIEBENBERG, Etienne;NEETHLING, Henri;VAN DER WATT, Christo~

2019/04565 ~ Provisional ~54:SUPPORT BRACKET FOR A ROPE ~71:BERKOWITZ, Isaac Justin, 10 GolF Park, Wassenaar Street, Golfsig, MIDDELBURG 1050, SOUTH AFRICA, South Africa;COMBRINK, Jan Rasmus, 5 Kambro Estate, Olympus, PRETORIA 0084, SOUTH AFRICA, South Africa ~72: COMBRINK, Jan Rasmus~

2019/04572 ~ Complete ~54:AUTOMATED BRIEFING SYSTEM ~71:Tanker Services Fuel & Gas A Division Of Imperial Logistics Advance (Pty) Ltd, 250 Barlow Road, Industries West, South Africa ~72: BOERSMA, Wietse~ 33:ZA ~31:2018/02780 ~32:26/04/2018

2019/04573 ~ Complete ~54:COMPOSITION COMPRISING HIGHLY-CONCENTRATED ALPHA-1 PROTEINASE INHIBITOR AND METHOD FOR OBTAINING THEREOF ~71:GRIFOLS WORLDWIDE OPERATIONS LIMITED, Grange Castle Business Park, Grange Castle, Ireland ~72: ALLGAIER, Eric;GLANCY, Kelly;KLOS, Anthony;MILLER, Charles;REBBEOR, James;STPETER, Michelle;WEE, Kevin;ZIMMERMAN, Thomas P~ 33:US ~31:62/713673 ~32:02/08/2018

2019/04576 ~ Complete ~54:SUCTION CUP EKG ELECTRODE ~71:MORANKAR, Anand, 55 Hester Street, 2B, United States of America ~72: MORANKAR, Anand~ 33:US ~31:62/433,851 ~32:14/12/2016

2019/04579 ~ Complete ~54:STANNOUS COMPATIBLE SILICA ~71:EVONIK DEGUSSA GMBH, RELLINGHAUSER STRASSE 1-11, 45128 ESSEN, GERMANY, Germany ~72: DOLAN, Lawrence, Edward;GALLIS, Karl, W.;HAGAR, William, J.;MIDHA, Sanjeev;NASSIVERA, Terry, W.;SCHNEIDERMAN, Eva~ 33:US ~31:62/435,921 ~32:19/12/2016;33:US ~31:62/509,276 ~32:22/05/2017

2019/04582 ~ Complete ~54:DEVICE FOR SUPPLYING ALUMINA TO AN ELECTROLYTIC CELL ~71:RIO TINTO ALCAN INTERNATIONAL LIMITED, 400-1190 Avenue des Canadiens de Montréal, Montreal, Québec, H3B 0E3, Canada ~72: FRÉDÉRIC BRUN;JEAN-PIERRE FIGUE;PATRICE COTE;SÉBASTIEN BECASSE;STEEVE RENAUDIER~ 33:FR ~31:17/00067 ~32:24/01/2017

2019/04583 ~ Complete ~54:METHOD BY WHICH TERMINAL TRANSMITS UPLINK SIGNAL IN WIRELESS COMMUNICATION SYSTEM SUPPORTING UNLICENSED BAND, AND APPARATUS FOR SUPPORTING SAME ~71:LG ELECTRONICS INC., 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 07336, Republic of Korea ~72: CHANGHWAN PARK;JOONKUI AHN;SEONWOOK KIM;SUCKCHEL YANG~ 33:US ~31:62/541,107 ~32:04/08/2017;33:US ~31:62/543,965 ~32:10/08/2017;33:US ~31:62/564,186 ~32:27/09/2017;33:US ~31:62/570,591 ~32:10/10/2017;33:US ~31:62/584,124 ~32:10/11/2017;33:US ~31:62/587,437 ~32:16/11/2017;33:US ~31:62/627,623 ~32:07/02/2018

2019/04589 ~ Complete ~54:LIPOCALIN MUTEINS WITH BINDING AFFINITY FOR LAG-3 ~71:PIERIS PHARMACEUTICALS GMBH, Lise-Meitner-Strasse 30, Germany ~72: ALLERSDORFER, Andrea;BEL AIBA, Rachida Siham;EICHNER, Timo;OLWILL, Shane;PAVLIDOU, Marina;ROTHE, Christine~ 33:EP ~31:17151945.7 ~32:18/01/2017

2019/04595 ~ Complete ~54:METHOD FOR BLEACHING PAPER PULP ~71:CENTRE TECHNIQUE DE L'INDUSTRIE DES PAPIERS, CARTONS ET CELLULOSES, Domaine Universitaire, France;INSTITUT POLYTECHNIQUE DE GRENOBLE, 46, avenue Félix Viallet, France ~72: BURNET, Auphélia;MARCON, Jennifer;MARLIN, Nathalie;MORTHA, Gérard;PETIT-CONIL, Michel~ 33:FR ~31:1750512 ~32:23/01/2017

2019/04566 ~ Provisional ~54:SEAT-BELT AND MOBILE USE TRAFFIC LAW INFRINGEMENT DETECTION THROUGH COMPUTER VISION AND REAL-TIME DIGITAL INFRINGEMENT DATA (PHOTO-EVIDENCE) TRANSFER/DISPATCH SERVICE. ~71:Phendukani Innocent Ngubane, 256 Cooper Street, South Africa ~72: Phendukani Innocent Ngubane~

2019/04571 ~ Complete ~54:BULLET ~71:MENDES, Fernando Ferreira, 12 Essenhout street, Dowerglen ext 4., South Africa ~72: MENDES, Fernando Ferreira~ 33:ZA ~31:2018/04719 ~32:16/07/2018

2019/04578 ~ Complete ~54:PRODUCTION PROCESS OF CHLORINATED PARAFFIN ~71:NINGBO OCEANKING CHEMICAL DEVELOPING CORP., NO. 655 HAITIAN MIDDLE ROAD, NINGBO PETROCHEMICAL ECONOMIC & TECHNOLOGICAL DEVELOPMENT ZONE, NINGBO, ZHEJIANG 315204, CHINA, People's Republic of China ~72: WANG, Shiliang;YE, Yijun;YU, Di;ZHOU, Qiang;ZHOU, Wenbin~ 33:CN ~31:201711323475.4 ~32:12/12/2017

2019/04581 ~ Complete ~54:CHEMICAL COMPOUNDS AS INHIBITORS OF INTERLEUKIN-1 ACTIVITY ~71:GENENTECH, INC., 1 DNA Way, South San Francisco, 94080, California, United States of America ~72: CHRISTOPHER MCBRIDE;JAMES M VEAL;JEFFREY A STAFFORD;LYNNIE LIN TRZOSS~ 33:US ~31:62/449,431 ~32:23/01/2017;33:US ~31:62/492,813 ~32:01/05/2017

2019/04584 ~ Complete ~54:ORAL PREPARATION OF GLUCOKINASE ACTIVATOR AND PREPARATION METHOD THEREFOR ~71:HUA MEDICINE (SHANGHAI) LTD., 275 Ai Di Sheng Road, Pudong, 201203, Shanghai, People's Republic of China ~72: GAOSEN WANG;LI CHEN;YONGGUO LI~ 33:CN ~31:201611162346.7 ~32:15/12/2016

2019/04588 ~ Complete ~54:NEW PRODUCT AND USE THEREOF ~71:HÖGANÄS AB (PUBL), , 26383, Höganäs, Sweden ~72: SENAD DIZDAR~ 33:EP ~31:17153509.9 ~32:27/01/2017

2019/04596 ~ Complete ~54:IL-11RA ANTIBODIES ~71:NATIONAL UNIVERSITY OF SINGAPORE, 21 Lower Kent Ridge Road, Singapore;SINGAPORE HEALTH SERVICES PTE LTD, #03-03, Bowyer Block C, Singapore ~72: COOK, Stuart Alexander;SCHAEFER, Sebastian~ 33:GB ~31:1621439.7 ~32:16/12/2016

2019/04586 ~ Complete ~54:INHIBITION OF PLATELET AGGREGATION USING ANTI-HUMAN GPVI ANTIBODIES ~71:ACTICOR BIOTECH, Bâtiment INSERM U698 HP BICHAT - Secteur, Claude Bernard 46 rue Henri Huchard, 75877, Paris Cedex 18, France;INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE), 101 rue de Tolbiac, 75654, Paris Cedex 13, France;UNIVERSITÉ PARIS DIDEROT - PARIS 7, 5 rue Thomas Mann, 75205, Paris Cedex 13, France;UNIVERSITÉ PARIS-SUD 11, 15 rue Georges, Clémenceau, 91400, Orsay, France;UNIVERSITÉ PARIS-XIII, 99 avenue Jean Baptiste, Clément, 93430, Villetaneuse, France ~72: GILLES AVENARD;MARTINE JANDROT-PERRUS;PHILIPPE BILLIALD~ 33:EP ~31:17154658.3 ~32:03/02/2017

2019/04594 ~ Complete ~54:DATABASE STATE DETERMINING METHOD AND DEVICE, AND CONSISTENCY VERIFYING METHOD AND DEVICE ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: ZHAO, Boran~ 33:CN ~31:201710377721.8 ~32:25/05/2017

2019/04569 ~ Complete ~54:SOCKET PIN WITH TIPPING FINGER ~71:PERI GmbH, Rudolf-Diesel-Str. 9, Germany ~72: GAISER, Andre¿;STECK, Tobias~ 33:DE ~31:20 2018 104 006.5 ~32:12/07/2018

2019/04580 ~ Complete ~54:MACHINE AND METHOD FOR MANUFACTURING A REINFORCED NET AND REINFORCED NET ~71:OFFICINE MACCAFERRI S.P.A., Via Kennedy, 10, Italy ~72: Francesco FERRAIOLO~

2019/04587 ~ Complete ~54:ANTI-HERV-K ENVELOPE ANTIBODY AND USES THEREOF ~71:GENEURO SA, Chemin du Pré-Fleuri 3, 1228, Plan-Les-Ouates, Switzerland;THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH & HUMAN SERVICES, 6011 Executive Boulevard, Suite 325, MSC 7660, Bethesda, 20892-7660, Maryland, United States of America ~72:

AVINDRA NATH;HERVÉ PERRON;JOSEPH PERRY STEINER;JULIE MEDINA;MYOUNG-HWA LEE;WENXUE LI~ 33:EP ~31:17305062.6 ~32:20/01/2017

2019/04590 ~ Complete ~54:METHOD FOR PREPARING CELLULOSE MICROSTRUCTURES-TEMPLATED NANOCOMPOSITES WITH ENHANCED ARSENIC REMOVAL CAPACITY AND A PURIFIER THEREOF ~71:INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IIT MADRAS), The Dean, Industrial Consultancy & Sponsored Research [ICSR], India ~72: ANIL KUMAR, Avula;MUKHERJEE, Sritama;PRADEEP, Thalappil~ 33:IN ~31:201641044817 ~32:29/12/2016

2019/04585 ~ Complete ~54:METHOD AND DEVICE FOR CONTROLLING UPLINK POWER ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: YANAN LIN~ 33:CN ~31:PCT/CN2016/109652 ~32:13/12/2016

2019/04591 ~ Complete ~54:DEXMEDETOMIDINE OR MEDETOMIDINE FOR USE IN TREATING SEPARATION ANXIETY IN DOGS ~71:Orion Corporation, Orionintie 1, ESPOO FI-02200, FINLAND, Finland ~72: KORPIVAARA, Mira;NIINISTÖ, Sauli;ORMIO, Sanna;SARÉN, Nina~ 33:FI ~31:20165960 ~32:13/12/2016

2019/04593 ~ Complete ~54:PLASTER BOARDS AND METHODS FOR MAKING THEM ~71:CertainTeed Gypsum, Inc., 20 Moores Road, MALVERN 19355, PA, USA, United States of America ~72: GLEAN, Aldo;SHI, Zhiqiang~ 33:US ~31:62/434,984 ~32:15/12/2016

2019/04575 ~ Complete ~54:METHOD FOR PREPARING POLYSILOXANE-ACRYLATE/STYRENE COPOLYMER WITH A LARGE PARTICLE SIZE AND A CORE-SHELL STRUCTURE ~71:SOUTH CHINA UNIVERSITY OF TECHNOLOGY, No.381, Wushan Road, Tianhe District, People's Republic of China ~72: LIU, Shumei;SUN, Jiaheng;ZHAO, Jianqing~ 33:CN ~31:201710252485.7 ~32:18/04/2017

2019/04570 ~ Complete ~54:SYSTEM AND METHOD FOR VALIDATION OF POSSESSION-BASED AUTHENTICATION RESPONSE ~71:ENTERSEKT (PTY) LTD, 6 Elektron Road, Technopark, Stellenbosch, South Africa ~72: BESTER, Daniël Deetlefs;DE WET, Petrus Johannes;NOLTE, Francois Archibald;OOSTHUIZEN, Gerhard Gysbert~

2019/04574 ~ Complete ~54:ANTIMONY FREE COMPOSITION FOR LASER MARKING THERMOPLASTIC COMPOUNDS ~71:CLARIANT PLASTICS & COATINGS LTD, Rothausstr. 61, Switzerland ~72: PANG, Chun, Yip;WOLF, Juergen~ 33:EP ~31:17156822.3 ~32:20/02/2017

- APPLIED ON 7/15/2019 -

2019/04603 ~ Complete ~54:QUANTITATIVE TEARING FACIAL CLEANSER ~71:North China University of Science and Technology, 21 Bohai Avenue, Caofeidian District, Tangshan, People's Republic of China ~72: HU, Xu;LIU, Yanan;ZHANG, Duo~ 33:CN ~31:CN2018113467744 ~32:13/11/2018

2019/04604 ~ Complete ~54:SOAP BOX ~71:North China University of Science and Technology, 21 Bohai Avenue, Caofeidian District, Tangshan, People's Republic of China ~72: LI, Shuo;LIU, Yanan;ZHANG, Duo~ 33:CN ~31:CN2018113467602 ~32:13/11/2018

2019/04609 ~ Complete ~54:PLANTS HAVING INCREASED TOLERANCE TO HERBICIDES ~71:BASF AGRO B.V., GRONINGENSINGEL 1, 6835 EA ARNHEM, THE NETHERLANDS, Netherlands ~72: APONTE, Raphael;MASSA, Dario;PAULIK, Jill, Marie;SEISER, Tobias;TRESCH, Stefan;WITSCHEL, Matthias~ 33:EP ~31:16205383.9 ~32:20/12/2016

2019/04613 ~ Complete ~54:METHODS FOR THE USE OF GALECTIN 3 BINDING PROTEIN DETECTED IN THE URINE FOR MONITORING THE SEVERITY AND PROGRESSION OF LUPUS NEPHRITIS ~71:Merck Patent GmbH, Frankfurter Strasse 250, DARMSTADT 64293 , GERMANY, Germany ~72: BASSI, Roberto;DEMARTINO, Julie;LEWIS, Nuruddeen;LIE, Wen-Rong;OKITSU, Lukas Shinji;VLACH, Jaromir~ 33:US ~31:62/435,235 ~32:16/12/2016

2019/04615 ~ Complete ~54:SMALL MOLECULE INHIBITORS OF THE JAK FAMILY OF KINASES ~71:Janssen Pharmaceutica NV, Turnhoutseweg 30, BEERSE 2340, BELGIUM, Belgium ~72: KOUDRIAKOVA, Tatiana;KREUTTER, Kevin D.;LEONARD, Kristi;RIZZOLIO, Michele C.;SMITH, Russell C.;TICHENOR, Mark S.;WANG, Aihua~ 33:US ~31:62/435,609 ~32:16/12/2016;33:US ~31:62/592,680 ~32:30/11/2017;33:US ~31:62/596,607 ~32:08/12/2017

2019/04619 ~ Complete ~54:ANTI¿CD73 ANTIBODIES AND USES THEREOF ~71:I¿MAB, Grand Pavilion, Hibiscus Way, 802 West Bay Road, PO BOX 31119, Cayman Islands ~72: FANG, Lei;GUO, Bingshi;WANG, Zhengyi;ZANG, Jingwu~ 33:CN ~31:PCT/CN2017/072445 ~32:24/01/2017

2019/04621 ~ Complete ~54:SIGNAL TRANSMISSION METHOD, TERMINAL DEVICE AND NETWORK DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: HAI TANG~

2019/04625 ~ Complete ~54:METHOD AND SYSTEM FOR GENERATING A DRILLING PATTERN, AND A ROCK DRILLING RIG ~71:EPIROC ROCK DRILLS AKTIEBOLAG, 701 91 Örebro, Sweden ~72: ANDREAS ANDERSSON;PÄR HÄRSTRÖM;PÄR VÖRDE;PER TURNER~ 33:SE ~31:1750209-7 ~32:27/02/2017

2019/04628 ~ Complete ~54:METHODS OF INCREASING SPECIFIC PLANTS TRAITS BY OVER-EXPRESSING POLYPEPTIDES IN A PLANT ~71:EVOGENE LTD., 13 Gad Finstein Street, Israel ~72: BROG, Yaacov Micha;DANGOOR, Inbal Nurith;DAYAN-GLICK, Cathy;GALON WOLFENSON, Yael;GOREN, Shlomo Zev;KARCHI, Hagai;MATARASSO, Noa;PORATY-GAVRA, Limor;RIMON KNOPF, Ronit;SHORESH, Michal;VAN-OSS PINHASI, Ruth;WEISSHAUS, Oori~ 33:US ~31:62/436,500 ~32:20/12/2016;33:US ~31:62/522,765 ~32:21/06/2017

2019/04744 ~ Provisional ~54:OKPUUZO500 ~71:Okanume Madueke Pius, N04 Bishop Uzodike Road Nnewichi, Nigeria ~72: Okanume Madueke Pius and Ijere Joshua Izuchukwu~

2019/04600 ~ Provisional ~54:THATCH TREATMENT ~71:Robert Crick, 60 bodley Rd., Laezonia AH , 0026 , Pretoria. Gauteng., South Africa ~72: Robert Crick~

2019/04614 ~ Complete ~54:PHARMACEUTICAL COMBINATION COMPRISING A T-TYPE CALCIUM CHANNEL BLOCKER ~71:Idorsia Pharmaceuticals Ltd, Hegenheimermattweg 91, ALLSCHWIL 4123, SWITZERLAND, Switzerland ~72: KESSLER, Melanie;ROCH, Catherine~ 33:IB ~31:2016/081455 ~32:16/12/2016

2019/04810 ~ Provisional ~54:METHOD OF MANUFACTURING ELECTRODES FOR USE IN A BATTERY AND A BATTERY OBTAINED ~71:Neill Human, 18 Clarendon Road, South Africa ~72: Neill Human~

2019/04667 ~ Provisional ~54:MICRO-HEAT ~71:LERATO KHOMPHIRI, 19 Delmas Avenue Klipportjie,, South Africa ~72: LERATO KHOMPHIRI~

2019/04668 ~ Provisional ~54:HAIR GROWTH HEALTH MONITOR ~71:JONATHAN ADRIAN EDMUNDS, 99 Avenue Botha Ave., Riviera,, South Africa ~72: JONATHAN ADRIAAN EDMUNDS~

2019/04669 ~ Provisional ~54:DUAL COSMETICS CONTAINER ~71:SEHLOGO ABRAM ITUMELENG, 1260 BLOCK TT, South Africa ~72: SEHLOGO ABRAM ITUMELENG~

2019/04671 ~ Complete ~54:DISPENSER FOR SHEET PRODUCTS AND OPERATING METHOD ~71:ESSITY HYGIENE AND HEALTH AKTIEBOLAG, S-405 03 Göteborg, Sweden ~72: BILLMAN,Craig;ELFSTRÖM,Boris Allan;MURPHY,Kevin;ZERWECK,Jason;ZHANG,Rui~

2019/04622 ~ Complete ~54:BODY GESTURE CONTROL SYSTEM FOR BUTTON-LESS VAPING ~71:ALTRIA CLIENT SERVICES LLC, 6601 West Broad Street, Richmond, 23230, Virginia, United States of America ~72: ERIC HAWES;NIALL GALLAGHER;RAYMOND LAU;TERRY BACHE~ 33:US ~31:15/390,810 ~32:27/12/2016

2019/04623 ~ Complete ~54:MODULATING EXPRESSION OF POLYPEPTIDES VIA NEW GENE SWITCH EXPRESSION SYSTEMS ~71:INTREXON CORPORATION, 1750 Kraft Drive, Blacksburg, 24060, Virginia, United States of America ~72: CHERYL G BOLINGER;RUTUL R SHAH;THOMAS D REED~ 33:US ~31:62/444,775 ~32:10/01/2017;33:US ~31:62/464,958 ~32:28/02/2017

2019/04626 ~ Complete ~54:CANCER TREATMENT METHOD AND COMPOSITION ~71:BioPharm NZ Limited, 11 Hardley Street, New Zealand ~72: Michael-John Joseph BARRY~ 33:ZA ~31:2016/08789 ~32:21/12/2016

2019/04629 ~ Complete ~54:DRIED FLAKES WITH ACTIVE INGREDIENTS ~71:FLAVORSENSE, 536 Heather Way, United States of America ~72: NORRIS, Leslie~ 33:US ~31:62/435,599 ~32:16/12/2016

2019/04597 ~ Provisional ~54:USING GADGET (APP, SATELITE TRACKING, CAMERA, MICRO CHIP, SIM CARD, ETC DEVICES) INSTALLED IN MOTOR VEHICLES TO MAINTAIN AND ENFORCE TRAFFIC LAWS AND REGULATIONS IN ORDER TO REDUCE ROAD ACCIDENTS AND FATALITIES IN SOUTH AFRICA PROVIDING REAL TIME INFORMATION. ~71:NDIVHUWO MAIWASHE AND KHATHUTSHELO DAGADA, UNIT 30 COLONIAL BOULEVARD, MANIE ROAD, RIETVALLEIRAND, South Africa ~72: Ndivhuwo Maiwashe & Khathutshelo Dagada~

2019/04605 ~ Complete ~54:GAS CLEAN¿UP FOR ALKANE OXIDATIVE DEHYDROGENATION EFFLUENT ~71:SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., Carel van Bylandtlaan 30, HR The Hague, Netherlands ~72: MITKIDIS, Georgios;SAN ROMAN, MACIA, Maria;SCHOONEBEEK, Ronald, Jan;VAN ROSSUM, Guus;VERHAAK, Michael, Johannes, Franciscus, Maria~ 33:EP ~31:17386007.3 ~32:22/02/2017;33:EP ~31:17386008.1 ~32:22/02/2017

2019/04608 ~ Complete ~54:NOVEL CANNABINOID COMPOSITIONS AND METHODS OF TREATING PEDIATRIC EPILEPSY ~71:TILRAY, INC., 2701 EASTLAKE AVE. E., SEATTLE, WA 98102, USA, United States of America ~72: EADES, Caleb, Joshua;JACOBSON, Catherine~ 33:US ~31:62/436,861 ~32:20/12/2016

2019/04612 ~ Complete ~54:METHOD FOR THE CONTROL OF PLANT BACTERIAL DISEASES USING CARBOXAMIDE DERIVATIVES ~71:Bayer CropScience Aktiengesellschaft, Alfred-Nobel-Str. 50, 40789 Monheim am Rhein, GERMANY, Germany ~72: KERZ-MOEHLENDICK, Friedrich;KRIEG, Ulrich;MYERS, Randy;WETCHOLOWSKY, Ingo~ 33:US ~31:62/435,129 ~32:16/12/2016;33:EP ~31:17150429.3 ~32:05/01/2017

2019/04616 ~ Complete ~54:GLP-1 RECEPTOR AGONISTS AND USES THEREOF ~71:Pfizer Inc., 235 East 42nd Street, NEW YORK 10017, NY, USA, United States of America ~72: ASPNES, Gary Erik;BAGLEY, Scott W.;CURTO, John M.;DOWLING, Matthew S.;EDMONDS, David James;FLANAGAN, Mark E.;FUTATSUGI, Kentaro;GRIFFITH, David A.;HUARD, Kim;INGLE, Gajendra;JIAO, Wenhua;LIMBERAKIS, Chris;MATHIOWETZ, Alan M.;PIOTROWSKI, David W.;RUGGERI, Roger B.~ 33:US ~31:62/435,533 ~32:16/12/2016

2019/04670 ~ Complete ~54:DISPENSER FOR SHEET PRODUCTS AND OPERATING METHOD ~71:ESSITY HYGIENCE AND HEALTH AKTIEBOLAG, S-405 03 Göteborg, Sweden ~72: ELFSTRÖM, Boris Allan;MURPHY,Kevin;ZERWECK,Jason~

2019/04598 ~ Provisional ~54:SPIKE WAVE ~71:Thabani Vundla, 17 SouthWay Street, Kelvin Manor, South Africa;Thabani Vundla, 17 SouthWay Street, Kelvin Manor, South Africa ~72: Thabani Vundla~

2019/04599 ~ Provisional ~54:A CANOPY FOR A VEHICLE ~71:Riaan Ludik, 110 Graskop Road, Waterkloof Heights, South Africa ~72: Riaan Ludik~

2019/04606 ~ Complete ~54:DISCONTINUOUS RECEPTION METHOD AND DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, Dongguan, People's Republic of China ~72: YANG, Ning~

2019/04607 ~ Complete ~54:PHOSPHORUS REMOVAL CARRIER FOR SEWAGE TREATMENT DEVICE AND METHOD ~71:JIANGSU CRRC ENVIRONMENT CO., LTD, ZHENGWEN ROAD, YUSHAN HIGH TECH INDUSTRIAL PARK, CHANGSHU, JIANGSU, 215500, CHINA, People's Republic of China ~72: LI, Min;LIU, Houwen;PAN, San;QU, Kai;REN, Liang;YAN, Jinkan~ 33:CN ~31:2016111780415 ~32:19/12/2016;33:CN ~31:2016213959622 ~32:19/12/2016

2019/04601 ~ Provisional ~54:METHOD OF MANUFACTURING ELECTRODES FOR USE IN A BATTERY AND A BATTERY OBTAINED ~71:Neill Human, 12 Gerber Boulevard, South Africa ~72: Neill Human~

2019/04602 ~ Complete ~54:RESONANT RETUNABLE ANTENNA ~71:VITALYEVICH, Fedosov Dmitriy, 23, Kharkovskaya Str., ap. 123, OMSK 644041, RUSSIA, Russian Federation ~72: VITALYEVICH, Fedosov Dmitriy~ 33:RU ~31:2018126233 ~32:16/07/2018

2019/04610 ~ Complete ~54:ASSEMBLIES AND METHODS FOR ALIGNING AND LEVELING TILES ~71:DAVINCI ITALIA/USA GROUP, LLC, 100 W. BURLINGTON AVENUE, FAIRFIELD, IA 52556, USA, United States of America ~72: KUFNER, Edward, A.~ 33:US ~31:15/407,725 ~32:17/01/2017

2019/04611 ~ Complete ~54:COOLING PAD ~71:NAKK (BOWRAL) PTY LTD, 114-115/20 DALE STREET, BROOKVALE, NSW 2100, AUSTRALIA, Australia ~72: CALLOW, Kylee;CAMPBELL, Antoinette;WEARNE, Natalie~ 33:AU ~31:2016905244 ~32:19/12/2016;33:AU ~31:2017903387 ~32:22/08/2017

2019/04617 ~ Complete ~54:IMIDAZOPYRROLOPYRIDINE AS INHIBITORS OF THE JAK FAMILY OF KINASES ~71:Janssen Pharmaceutica NV, Turnhoutseweg 30, BEERSE 2340, BELGIUM, Belgium ~72: BACANI, Genesis M.;CHAI, Wenying;KOUDRIAKOVA, Tatiana;KRAWCZUK, Paul J.;KREUTTER, Kevin D.;LEONARD, Kristi;RIZZOLIO, Michele C.;SEIERSTAD, Mark;SMITH, Russel C.;TICHENOR, Mark S.;VENABLE, Jennifer D.;WANG, Aihua~ 33:US ~31:62/435,639 ~32:16/12/2016;33:US ~31:62/592,747 ~32:30/11/2017;33:US ~31:62/596,636 ~32:08/12/2017

2019/04618 ~ Complete ~54:STORAGE-STABLE SOLUTIONS CONTAINING CYANAMIDE ~71:ALZCHEM TROSTBERG GMBH, Dr.-Albert-Frank-Strasse 32, Germany ~72: Jürgen BEZLER;Jürgen SANS;José MARTINEZ;Martin EBERL;Thomas GÜTHNER~ 33:DE ~31:10 2017 003 691.8 ~32:15/04/2017

2019/04620 ~ Complete ~54:RANDOM ACCESS METHOD AND APPARATUS ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: HAI TANG~

2019/04624 ~ Complete ~54:ZWITTERIONICALLY MODIFIED POLYMERS AND HYDROGELS ~71:CORNELL UNIVERSITY, Center for Technology Licensing at Cornell University ('ctl') 395 Pine Tree Road, Suite 310, Ithaca, 14850, New York, United States of America ~72: MINGLIN MA;QINGSHENG LIU~ 33:US ~31:62/451,629 ~32:27/01/2017

2019/04627 ~ Complete ~54:PROCESS AND PLANT FOR PRODUCING AN OLEFIN ~71:LINDE AKTIENGESELLSCHAFT, Klosterhofstraße 1, Germany ~72: FRITZ, Helmut;OBERMEIER, Andreas;PESCHEL, Andreas;ZELLHUBER, Mathieu~ 33:EP ~31:16206476.0 ~32:22/12/2016

- APPLIED ON 7/16/2019 -

2019/04630 ~ Provisional ~54:RELIEVE ~71:Lionel Neo Mashishi, 11994 Mamelodi East, South Africa ~72: Lionel Neo Mashishi~

2019/04639 ~ Complete ~54:SANITARY SHOWER DEVICE ~71:HANSGROHE AG, Auestrasse 5 - 9, Germany ~72: BLATTNER, Joachim;GROß, Jürgen~ 33:DE ~31:10 2018 2124 08.6 ~32:25/07/2018

2019/04643 ~ Complete ~54:COMPOSITIONS COMPRISING 15-HEPE AND METHODS OF USING THE SAME ~71:AFIMMUNE LIMITED, Trintech Building, South County Business Park, Leopardstown, Dublin, 18, Ireland ~72: DAVID COUGHLAN;JOHN CLIMAX~ 33:US ~31:62/269,280 ~32:18/12/2015

2019/04650 ~ Complete ~54:ELITE EVENT EE-GM5 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES ~71:BASF AGRICULTURAL SOLUTIONS SEED US LLC, 100 PARK AVENUE, FLORHAM PARK, NJ 07932, USA, United States of America ~72: AARTSEN, Wendy;BEILINSON, Vadim;BUYSE, Maxim;DAUM, Julia;HABEX, Veerle;KLEVEN, Thomas, W.;MCCARVILLE, Michael;MOSER, Hal, S.;SLABBINCK, Filip~ 33:US ~31:62/437,874 ~32:22/12/2016;33:US ~31:62/481,292 ~32:04/04/2017

2019/04660 ~ Complete ~54:TREATMENT OF AQUEOUS COMPOSITIONS INCLUDING FINES ~71:EXTRAKT PROCESS SOLUTIONS, LLC, 140 Turner Ct. , Bowing Green, 42101, Kentucky, United States of America ~72: ARON LUPINSKY;BRUCE G MILLER;PAUL C PAINTER~ 33:US ~31:62/452,784 ~32:31/01/2017;33:US ~31:62/535,398 ~32:21/07/2017;33:US ~31:62/554,220 ~32:05/09/2017;33:US ~31:62/583,360 ~32:08/11/2017

2019/04665 ~ Complete ~54:A HEAT TRANSFER SHEET ASSEMBLY WITH AN INTERMEDIATE SPACING FEATURE ~71:ARVOS LJUNGSTROM LLC, 3020 Truax Road, Wellsville, United States of America ~72: MATTISON, Glenn D.;O'BOYLE, Jeffrey M.;YAN, Huo;YOWELL, Jeffery E.~ 33:WO ~31:PCT/US2016/069186 ~32:29/12/2016

2019/04647 ~ Complete ~54:METHOD FOR OBTAINING PURE BUTYL ACRYLATE FROM RAW BUTYL ACRYLATE BY DISTILLATION, WHEREIN BUTYL STANDS FOR N-BUTYL OR ISOBUTYL ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: HECHLER, Claus;LANG, Ortmund;METZEN, Bernd~ 33:EP ~31:16205953.9 ~32:21/12/2016

2019/04649 ~ Complete ~54:ELITE EVENT EE-GM4 AND METHODS AND KITS FOR IDENTIFYING SUCH EVENT IN BIOLOGICAL SAMPLES ~71:BASF AGRICULTURAL SOLUTIONS SEED US LLC, 100 PARK AVENUE, FLORHAM PARK, NJ 07932, USA, United States of America ~72: AARTSEN, Wendy;BEILINSON, Vadim;BUYSE, Maxim;DAUM, Julia;HABEX, Veerle;KLEVEN, Thomas, W.;MCCARVILLE, Michael;MOSER, Hal, S.;SLABBINCK, Filip~ 33:US ~31:62/437,862 ~32:22/12/2016;33:US ~31:62/481,284 ~32:04/04/2017;33:US ~31:62/487,707 ~32:20/04/2017

2019/04666 ~ Complete ~54:VALVE FOR FILLING AND EMPTYING A PRESSURISED PET CONTAINER ~71:SABEV OU, Pronksi 5-3 10124, Estonia ~72: BRKICH, Branislav~ 33:IT ~31:102017000003618 ~32:13/01/2017;33:IT ~31:102017000058340 ~32:29/05/2017

2019/04632 ~ Provisional ~54:CYCLONE SEPARATOR FEED ARRANGEMENT AND METHOD ~71:MULTOTEC PROCESS EQUIPMENT (PTY) LIMITED, 28 Forge Road, Spartan, Kempton Park, South Africa ~72: FOUCHE, Kyle;LOUW, Xander;PONTUTI, Andrew~

2019/04640 ~ Complete ~54:VACUUM FORMED WALL STRUCTURE ~71:ATLAS PLASTICS (PTY) LIMITED, 31 Neutron Road, Uraniaville, South Africa ~72: JACQUES GEORGE TRUTER;RENE LATEGAN~ 33:ZA ~31:2018/04857 ~32:19/07/2018

2019/04646 ~ Complete ~54:USE OF CRY14 FOR THE CONTROL OF NEMATODE PESTS ~71:BASF AGRICULTURAL SOLUTIONS SEED US LLC, 100 PARK AVENUE, FLORHAM PARK, NJ 07932, USA, United States of America ~72: DAUM, Julia;ELLING, Axel~ 33:US ~31:62/438,420 ~32:22/12/2016

2019/04651 ~ Complete ~54:ARTICLE TRACKING SYSTEM AND METHOD ~71:SITA INFORMATION NETWORKING COMPUTING USA, INC., 3100 Cumberland Boulevard, United States of America ~72: MALINOFSKY, Andrew, E.~ 33:US ~31:15/481,714 ~32:07/04/2017

2019/04663 ~ Complete ~54:PLASTERBOARD PARTITION ~71:ETEX BUILDING PERFORMANCE INTERNATIONAL SAS, 500 rue Marcel Demonque, Zone du Pôle Technologique Agroparc, 84915, Avignon, France ~72: CLAUDE LECLERCQ;JIMMY CHAOUCHE;PAULINE LOPEZ;PIERRE PEYRON~ 33:EP ~31:17290032.6 ~32:03/03/2017;33:EP ~31:17184404.6 ~32:02/08/2017

2019/04664 ~ Complete ~54:RECTANGULAR FILTERS, ASSEMBLY AND METHOD FOR FILTRATION ~71:FILTRATION TECHNOLOGY CORPORATION, 11883 Cutten Road, United States of America ~72: HARRIS, James D.;JOHNSON, Tyler J.;WALLACE, Christopher D.~ 33:US ~31:62/462,327 ~32:22/02/2017

2019/04672 ~ Provisional ~54:THE ADVANCED METHOD OF BUYING ELECTRICITY ~71:GERALD LUNGANI NGOZI, 6 SPRIGG ST, South Africa ~72: GERALD LUNGANI NGOZI~

2019/04673 ~ Provisional ~54:EAZYFARE SYSTEM ~71:MPHO LEBONA, 36 Moshoeshoe, Madosela Street,, South Africa ~72: MPHO LEBONA~

2019/04654 ~ Complete ~54:BENZIMIDAZOLE DERIVATIVES, PREPARATION METHODS AND USES THEREOF ~71:Betta Pharmaceuticals Co., Ltd., 355 Xingzhong Road, Yuhang, HANGZHOU 311100, ZHEJIANG, CHINA (P.R.C.), People's Republic of China ~72: DING, Lieming;WANG, Jiabing;WANG, Yiqian~ 33:IB ~31:2016/111457 ~32:22/12/2016;33:IB ~31:2017/080661 ~32:14/04/2017

2019/04657 ~ Complete ~54:ANTI-GPR20 ANTIBODY AND ANTI-GPR20 ANTIBODY-DRUG CONJUGATE ~71:Daiichi Sankyo Company, Limited, 3-5-1, Nihonbashi Honcho, Chuo-ku, TOKYO 103-8426, JAPAN, Japan ~72: HIRAI, Takehiro;IIDA, Kenji;NAKAMURA, Kensuke;TERAUCHI, Tomoko~ 33:JP ~31:2017-006004 ~32:17/01/2017

2019/04674 ~ Provisional ~54:DRIP IRRIGATED RAISED MULCHED BED IMPLEMENTATION ~71:HELMUTH HERMANN ROHRER, 120 Russel Street, Wilkoppies, South Africa ~72: HELHUTH HERMANN ROHRER~

2019/04675 ~ Complete ~54:ANTI-TIGIT ANTIGEN-BINDING PROTEINS AND METHODS OF USE THEREOF ~71:POTENZA THERAPEUTICS,INC., 1030 Massachusetts Avenue Suite 210, Cambridge,Massachusetts 02138, United States of America ~72: HICKLIN,Daniel;NIELSON,Nels P.;SEIDEL-DUGAN,Cynthia;WINSTON,William~ 33:US ~31:62/235,990 ~32:01/10/2015

2019/04676 ~ Complete ~54:ENABLING A SOFTWARE APPLICATION TO BE EXECUTED ON A HARDWARE DEVICE ~71:IRETO B.V., 105 Taurus Avenue 2132 LS Hoofddorp, Netherlands ~72: DOUMEN,Jeroen Mathias~ 33:EP ~31:11160420.3 ~32:30/03/2011

2019/04677 ~ Complete ~54:ENABLING A SOFTWARE APPLICATION TO BE EXECUTED ON A MOBILE STATION ~71:IRDETO B.V., 105 Taurus Avenue 2132 LS Hoofddorp, Netherlands ~72: DOUMEN,Jeroen Mathias~ 33:EP ~31:11160423.7 ~32:30/03/2011

2019/04631 ~ Provisional ~54:CONFIDENCE PERIOD PANTIES ~71:Danielle Flax, 94 11th Street, South Africa ~72: Danielle Flax~

2019/04638 ~ Complete ~54:METHOD AND MEANS FOR PROCESSING VEGETABLE PLANT MATERIAL ~71:Paul Bertus HAYES, 39 Bosman Street, South Africa;Timothy John BOND, 103 Warwick Avenue, United Kingdom ~72: Johan VAN DEN HEEVER;Paul Bertus HAYES;Timothy John BOND~ 33:ZA ~31:2018/02468 ~32:16/04/2018

2019/04648 ~ Complete ~54:METHOD FOR OBTAINING PURE 2-ETHYLHEXYL ACRYLATE OR PURE 2-PROPYLHEPTYL ACRYLATE FROM THE CORRESPONDING RAW ALKYL ACRYLATE BY DISTILLATION ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: HECHLER, Claus;LANG, Ortmund;METZEN, Bernd~ 33:EP ~31:16205968.7 ~32:21/12/2016

2019/04662 ~ Complete ~54:METHOD AND SYSTEM FOR GENERATING A DRILLING PATTERN, AND A ROCK DRILLING RIG ~71:EPIROC ROCK DRILLS AKTIEBOLAG, 701 91 Örebro, Sweden ~72: ANDREAS ANDERSSON;PÄR HÄRSTRÖM;PÄR VÖRDE;PER TURNER~ 33:SE ~31:1750208-9 ~32:27/02/2017

2019/04634 ~ Provisional ~54:ACCOMMODATION ARRANGEMENT ~71:NIEMANN, Jeffrey, 10 Russell Ridge, South Africa ~72: NIEMANN, Jeffrey~

2019/04635 ~ Provisional ~54:SYSTEM FOR PERFORMING A FINANCIAL TRANSACTION ~71:ICE CASH INTERNATIONAL LIMITED, 2nd Floor, Block B, Medine Mews, Chaussee Street, Port Louis, Mauritius ~72: NEIL ANDREW ATKINSON~

2019/04641 ~ Complete ~54:COUPLING FOR FORMING AN OPTICAL PLUG CONNECTION ~71:Neutrik AG, Im alten Riet 143, SCHAAN 9494, LIECHTENSTEIN, Liechtenstein ~72: DOBLER, Oliver~ 33:DE ~31:10 2018 117 223.0 ~32:17/07/2018

2019/04644 ~ Complete ~54:METHOD AND SYSTEM FOR PERFORMANCE EVALUATION OF TERNARY OPTICAL COMPUTER BASED ON VACATION QUEUE ~71:Fuyang Normal University, No. 100, Qinghe West Road, Fuyang City, People's Republic of China ~72: GAO, Shan;LI, Linguo;SUN, Gang;WANG, Xianchao;WANG, Xianchuan;ZHANG, Jie;ZHANG, Mian;ZHAO, Jia~ 33:CN ~31:201910378982.0 ~32:08/05/2019

2019/04653 ~ Complete ~54:COMPOSITIONS AND METHODS FOR THE TREATMENT OF CHRONIC PAIN ~71:CELLIX BIO PRIVATE LIMITED, Plot No. 1177 B, Road No. 56 Jubilee Hills, India ~72: KANDULA, Mahesh~ 33:IN ~31:201641044329 ~32:26/12/2016

2019/04658 ~ Complete ~54:RESISTANCE SPOT WELDING METHOD FOR JOINING ZINC COATED STEEL SHEETS ~71:ARCELORMITTAL, 24-26, Boulevard d'Avranches, Luxembourg, L-1160,, Luxembourg;UNIVERSITE DE NANTES, 1 Quai de Tourville, BP 13522, France ~72: Astrid PERLADE;Céline MUSIK;Didier HUIN;Jean-Michel MATAIGNE;Kangying ZHU;Renaud FRAPPIER~ 33:IB ~31:PCT/IB2017/000218 ~32:07/03/2017

2019/04636 ~ Provisional ~54:MOTORCYCLE UPRIGHT STABILIZING UNIT ~71:Jacobus Stephanus van Schalkwyk, 8 Cricket ave, South Africa ~72: Jacobus Stephanus van Schalkwyk~

2019/04642 ~ Complete ~54:ETHANOL-FREE GEL FORMULATION CARTRIDGE FOR E-VAPING DEVICE ~71:ALTRIA CLIENT SERVICES LLC, 6601 West Broad Street, Richmond, 23230, Virginia, United States of America ~72: CHRISTOPHER S TUCKER;GEOFFREY BRANDON JORDAN;MUNMAYA K MISHRA;PAULINE MARCQ;RAYMOND LAU;SHAOYONG YU~ 33:US ~31:62/072,076 ~32:29/10/2014

2019/04645 ~ Complete ~54:SYSTEM AND METHOD FOR INDUSTRIAL ENCAPSULATION OF THERMOLABILE SUBSTANCES ~71:BIOINICIA, S.L., C/ Algepser, 65 - Nave 3, Pol. Ind. Tactica, Spain;CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS (CSIC), C/ Serrano, 117, Spain ~72: CASTRO REINA, Sergio;GALAN NEVADO, David;LAGARON CABELLO, José María;VALLE, José Manuel~ 33:ES ~31:P 201631725 ~32:30/12/2016

2019/04652 ~ Complete ~54:COMBINATIONS OF CABOZANTINIB AND ATEZOLIZUMAB TO TREAT CANCER ~71:EXELIXIS, INC., 1851 Harbor Bay Parkway, Alameda, CA, United States of America ~72: HESSEL, Colin;SCHEFFOLD, Christian;SCHWAB, Gisela~ 33:US ~31:62/448,869 ~32:20/01/2017;33:US ~31:62/458,447 ~32:13/02/2017

2019/04656 ~ Complete ~54:KEY ESTABLISHMENT AND DATA SENDING METHOD AND APPARATUS ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: LI, Yi~ 33:CN ~31:201710102824.3 ~32:24/02/2017

2019/04659 ~ Complete ~54:CAPSULE FOR THE PREPARATION OF BEVERAGES ~71:CAFFITALY SYSTEM S.P.A., Via Panigali 38, 40041, Gaggio Montano (BO), Italy ~72: GIOVANNI ACCURSI;ROBERTO FINI~ 33:IT ~31:102017000029991 ~32:17/03/2017;33:IT ~31:102017000077507 ~32:10/07/2017

2019/04633 ~ Provisional ~54:METHOD FOR THE ARRANGEMENT OF USER-GENERATED FLORAL BOUQUETS ~71:Julia Kennedy, 105 Avis, 43 St Andrews Street, Birdhaven, South Africa ~72: Julia Kennedy~

2019/04637 ~ Provisional ~54:METHOD OF AND SYSTEM FOR CONTROLLING SWITCHABLE GLASS ~71:Brand Tech SA (Pty) Ltd., 15 Tana Road, Duxbury House, Sunninghill, JOHANNESBURG 2157, Gauteng, SOUTH AFRICA, South Africa ~72: STUART, Dylan;WALKER, Grant Robert James~

2019/04655 ~ Complete ~54:TREATMENT COMPRISING ORAL OR GASTRIC ADMINISTRATION OF EDARAVONE ~71:Treeway TW001 B.V., Sevillaweg 142, ROTTERDAM 3047 AL, THE NETHERLANDS, Netherlands ~72: MOOLENAAR, Sytske Hyke;VAN DER GEEST, Ronald~ 33:EP ~31:17151741.0 ~32:17/01/2017;33:EP ~31:17180087.3 ~32:06/07/2017;33:IB ~31:2017/067005 ~32:06/07/2017

2019/04661 ~ Complete ~54:XANTHAN STRUCTURED HIGH POLYOL LIQUID CLEANSERS ~71:UNILEVER PLC, Unilever House, 100 Victoria Embankment, London, Greater London, EC4Y 0DY, United Kingdom ~72: LIN YANG;SHENG LIANG TSAUR~ 33:EP ~31:17155142.7 ~32:08/02/2017

- APPLIED ON 7/17/2019 -

2019/04790 ~ Provisional ~54:SILISQUEEZE ~71:LINDOKUHLE MAHLANGU, STAND 404, KWAMHLANGA, South Africa ~72: LINDOKUHLE MAHLANGU~

2019/04679 ~ Provisional ~54:MOULD ~71:PATTERSON, Roy, 15 Drakensberg Avenue, Gauteng, South Africa ~72: PATTERSON, Roy~

2019/04680 ~ Provisional ~54:A COOKING APPARATUS INCLUDING A REGULATOR ~71:NU-WAY CLEAN ENERGY (PTY) LTD, 367 SURREY AVENUE, FERNDALE, RANDBURG, 2194, SOUTH AFRICA, South Africa ~72: HALL, Kenneth Michael~

2019/04686 ~ Complete ~54:ROCK BREAKING DEVICE ~71:Sandvik Mining and Construction Oy, Pihtisulunkatu 9, TAMPERE FI-33330, FINLAND, Finland ~72: HÄMÄLÄINEN, Pasi~ 33:EP ~31:18192024.0 ~32:31/08/2018

2019/04696 ~ Complete ~54:ESTROGEN RECEPTOR MODULATORS ~71:AstraZeneca AB, SÖDERTÄLJE S-151 85, SWEDEN, Sweden ~72: BARLAAM, Bernard Christophe;HUGHES, Samantha Jayne;MOSS, Thomas Andrew;NISSINK, Johannes Wilhelmus Maria;SCOTT, James Stewart;YANG, Bin~ 33:US ~31:62/451,971 ~32:30/01/2017;33:US ~31:62/523,695 ~32:22/06/2017;33:US ~31:62/560,304 ~32:19/09/2017;33:US ~31:62/592,485 ~32:30/11/2017

2019/04701 ~ Complete ~54:RLC LAYER STATUS REPORT CONTROL PDU TRANSMITTING METHOD AND RELATED DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: HAI TANG~

2019/04707 ~ Provisional ~54:L.C.G INGENUITY ~71:RAMOTHLOBANE PHILLIP MORAKE, 11 ASBES, 558 SCHOEMAN STR, South Africa ~72: RAMOTHLOBANE PHILLIP MORAKE~

2019/04682 ~ Provisional ~54:A METHOD OF HANDLING DATA ~71:DUNCAN, Douglas Malcolm, 1344 Spyker Crescent, South Africa;DUNCAN, Grant Malcolm, 1344 Spyker Crescent, South Africa;DUNCAN, Malcolm, 1344 Spyker Crescent, South Africa ~72: DUNCAN, Douglas Malcolm;DUNCAN, Grant Malcolm;DUNCAN, Malcolm~

2019/04691 ~ Complete ~54:COAL PYROLYSIS PROCESS DEVICE ~71:HENAN LONGCHENG COAL HIGH EFFICIENCY TECHNOLOGY APPLICATION CO., LTD., INDUSTRY CLUSTER DISTRICT, HONGSHIQIAO VILLAGE, HUICHE TOWN, XIXIA COUNTY, NANYANG, HENAN 474500, CHINA, People's Republic of China ~72: CAO, Guochao;LI, Fang;LI, Jinfeng;LI, Mingde;LV, Yanwu;WANG, Xibin;ZHU, Shucheng~ 33:CN ~31:201710396454.9 ~32:31/05/2017

2019/04694 ~ Complete ~54:MEDICAL DEVICE FOR THE TREATMENT OF HPV CUTANEOUS INFECTIONS ~71:Poli Md S.R.L., Piazza di Spagna, 31, ROMA 00187, ITALY, Italy ~72: POLI, Elena~ 33:IT ~31:102017000090344 ~32:04/08/2017;33:IT ~31:102018000006535 ~32:21/06/2018

2019/04698 ~ Complete ~54:MOBILE COILED TUBING DRILLING APPARATUS ~71:MINEX CRC LTD, 26 Dick Perry Avenue, Australia ~72: SØE, Søren Pham;ZWAR, Trevor James~ 33:AU ~31:2017900143 ~32:18/01/2017

2019/04702 ~ Complete ~54:METHOD AND NETWORK NODES TO MANAGE QOE MEASUREMENT COLLECTION DURING RELOCATION OR HANDOVER ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), , SE-164 83, Stockholm, Sweden ~72: CECILIA EKLÖF;NIANSHAN SHI~ 33:US ~31:62/459,883 ~32:16/02/2017

2019/04705 ~ Complete ~54:RECOMBINANT BCG OVEREXPRESSING PHOP-PHOR ~71:CHENGDU YONGAN PHARMACEUTICAL CO., LTD., East No. 2 Road, Heshan Town, Pujiang County Chengdu, People's Republic of China;LIU, Jun, 2435 Parkglen Avenue, Oakville, Canada ~72: LIU, Jun~

2019/04697 ~ Complete ~54:COMPOSITIONS AND METHODS FOR TREATING IRON OVERLOAD ~71:La Jolla Pharmaceutical Company, 4550 Towne Centre Court, SAN DIEGO 92121, CA, USA, United States of America

~72: CHAWLA, Lakhmir;TIDMARSH, George~ 33:US ~31:62/447,710 ~32:18/01/2017;33:US ~31:62/454,322 ~32:03/02/2017;33:US ~31:62/554,115 ~32:05/09/2017

2019/04704 ~ Complete ~54:TOPICAL CYCLOSPORINE-CONTAINING FORMULATIONS AND USES THEREOF ~71:SUN PHARMA GLOBAL FZE, #43, Block Y, SAIF Zone, P.O. Box #122304, Sharjah, United Arab Emirates ~72: ASHIM K MITRA;EUGENE J MCNALLY;SIDNEY L WEISS~ 33:US ~31:62/301,576 ~32:29/02/2016;33:US ~31:62/302,058 ~32:01/03/2016;33:US ~31:62/302,730 ~32:02/03/2016;33:US ~31:62/311,177 ~32:21/03/2016

2019/04681 ~ Provisional ~54:METHOD OF STAYING A BRACKET ~71:ME & E McWADE ENGINEERED PRODUCTS (PTY) LTD, 38 Derrick Road, Spartan, South Africa ~72: TO BE ADVISED~

2019/04684 ~ Provisional ~54:GRAB ~71:Clarke's Crane and Grab Sales cc, 347-56 Takbok Street, Highbury, Randvaal, MEYERTON 1873, Gauteng, SOUTH AFRICA, South Africa ~72: CLARKE, Walter William~

2019/04689 ~ Complete ~54:MACHINE FOR DEPOSITING AND DISPENSING COINS ~71:CIMA S.P.A., Via di Mezzo, 2/4 -, 41037, Mirandola (MO), Italy ~72: NICOLETTA RAZZABONI;VITTORIO RAZZABONI~ 33:IT ~31:102018000007620 ~32:30/07/2018;33:IT ~31:102018000010640 ~32:28/11/2018

2019/04700 ~ Complete ~54:SIGNAL TRANSMISSION METHOD, TERMINAL DEVICE AND NETWORK DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: HUA XU;YANAN LIN~

2019/04683 ~ Provisional ~54:TWO-PHASE AC ALTERNATOR AND SYNCHRONOUS MOTOR ~71:IGNJATOVIC, Dragan, 4A Leentjiesklip Crescent, Waterfront, LANGEBAAN 7357, Western Cape, SOUTH AFRICA, South Africa ~72: IGNJATOVIC, Dragan~

2019/04685 ~ Complete ~54:PHARMACEUTICAL COMPOSITION COMPRISING AN ATYPICAL ANTIPSYCHOTIC DRUG AND METHOD FOR THE PREPARATION THEREOF ~71:PHARMATHEN S.A., 6 DERVENAKION STREET, 15351 PALLINI ATTIKIS, GREECE, Greece ~72: KARAVAS, Evangelos~

2019/04688 ~ Complete ~54:SHROUD COLLAR FOR EDGE PROTECTION OF A WORK TOOL ~71:CATERPILLAR INC., 100 N.E. Adams St., Peoria, 61629, Illinois, United States of America ~72: PHILLIP J KUNZ~ 33:US ~31:62/208,942 ~32:24/08/2015;33:US ~31:15/176,391 ~32:08/06/2016

2019/04693 ~ Complete ~54:SWITCHING METHOD, BASE STATION AND TERMINAL ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, Dongguan, People's Republic of China ~72: CHEN, Wenhong;YANG, Ning;ZHANG, Zhi~ 33:WO ~31:PCT/CN2017/070481 ~32:06/01/2017

2019/04706 ~ Complete ~54:METHOD OF MAKING A PUFFED, DEHYDRATED FOOD PRODUCT ~71:ENWAVE CORPORATION, 1668 Derwent Way Delta, Canada ~72: DURANCE, Timothy D.;NOORBAKHSH, Reihaneh;SÁENZ GARZA, Natalia E.;ZHANG, Guopeng~

2019/04687 ~ Complete ~54:ROCK DRILLING DEVICE ~71:Sandvik Mining and Construction Oy, Pihtisulunkatu 9, TAMPERE 33330, FINLAND, Finland ~72: HÄMÄLÄINEN, Pasi;PURSIMO, Juha;SETÄLÄ, Timo~ 33:EP ~31:18192037.2 ~32:31/08/2018

2019/04690 ~ Complete ~54:COMPOSITION ~71:UNILEVER PLC, Unilever House 100 Victoria Embankment, London, EC4Y 0DY, United Kingdom ~72: MATTHEW RHYS THOMAS~ 33:EP ~31:18189064.1 ~32:14/08/2018

2019/04692 ~ Complete ~54:PLANT REGULATORY ELEMENTS AND USES THEREOF ~71:MONSANTO TECHNOLOGY LLC, 800 North Lindbergh Boulevard, St. Louis, United States of America ~72: DAVIS, Ian, W.;SHARIFF, Aabid~ 33:US ~31:62/448,019 ~32:19/01/2017

2019/04695 ~ Complete ~54:AMINO-TRIAZOLOPYRIDINE COMPOUNDS AND THEIR USE IN TREATING CANCER ~71:AstraZeneca AB, SÖDERTÄLJE S-151 85, SWEDEN, Sweden;Cancer Research Technology Limited, Angel Building, 407 St. John Street, LONDON EC1V 4AD, GREATER LONDON, UNITED KINGDOM, United Kingdom ~72: FINLAY, Maurice Raymond Verschoyle;GOLDBERG , Frederick Woolf;TING , Attilla Kuan Tsuei~ 33:US ~31:62/436,619 ~32:20/12/2016

2019/04699 ~ Complete ~54:COATING MATERIAL COMPOSITION, COATINGS PRODUCED THEREFROM AND THE USE THEREOF AS EROSION PROTECTION ~71:MANKIEWICZ GEBR. & CO. (GMBH & CO. KG), Georg-Wilhelm-Strasse 189, Germany ~72: Alexander WEINHOLD;Antje-Sybille FREY;Jochen WEHNER;Philipp COSTA~ 33:DE ~31:10 2017 003 034.0 ~32:19/03/2017

2019/04703 ~ Complete ~54:AN ASSEMBLY COMPRISING A NOISE EMITTING ELEMENT ~71:CARDLAB APS, Hørkær 14, 1, 2730, Herlev, Denmark ~72: ROBERT BERNT GIEDENBACHER~ 33:DK ~31:PA201671067 ~32:30/12/2016

- APPLIED ON 7/18/2019 -

2019/04722 ~ Complete ~54:PEPTIDE VACCINES ~71:TREOS BIO ZRT, Viola utca 2, Hungary ~72: CSISZOVSZKI, Zsolt;LISZIEWICZ, Julianna;LORINCZ, Orsolya;MEGYESI, Mónika;MOLNÁR, Levente;PÁNTYA, Katalin;SOMOGYI, Eszter;TOTH, József;T¿KE, Enik¿~ 33:EP ~31:17159242.1 ~32:03/03/2017;33:EP ~31:17159243.9 ~32:03/03/2017;33:GB ~31:1703809.2 ~32:09/03/2017

2019/04734 ~ Complete ~54:METHOD AND DEVICE FOR INFORMATION TRANSMISSION ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, Dongguan, People's Republic of China ~72: LIN, Yanan~

2019/04736 ~ Complete ~54:TARGETED DOXORUBICIN-GOLD NANOCONJUGATES FOR TUMOR THERAPY ~71:THE CURATORS OF THE UNIVERSITY OF MISSOURI, 316 University Hall, Columbia, 65211, Missouri, United States of America ~72: AJIT ZAMBRE;ANANDHI UPENDRAN;RAGHURAMAN KANNAN~ 33:US ~31:62/444,114 ~32:09/01/2017

2019/04712 ~ Provisional ~54:ROTARY VANE DEVICE ~71:AZAMOUR INVESTMENT CORPORATION INCORPORATED, C/o OCRA Arabia FZC, P.O Box 330086, RAK Free Trade Zone, Ras Al Khaimah, United Arab Emirates ~72: PHILIP REUBEN NICHOLSON;STEPHEN REUBEN NICHOLSON~

2019/04717 ~ Complete ~54:THERAPEUTIC HPV18 VACCINES ~71:Janssen Vaccines & Prevention B.V., Archimedesweg 4, LEIDEN 2333 CN, THE NETHERLANDS, Netherlands ~72: BUNNIK, Evelien Margaretha;CUSTERS, Jerôme H.H.V.;KHAN, Selina;OOSTERHUIS, Koen;SCHEPER, Gerrit Ch.;UIL, Taco Gilles~ 33:EP ~31:15181791.3 ~32:20/08/2015;33:EP ~31:16156334.1 ~32:18/02/2016

2019/04719 ~ Complete ~54:PROCESS FOR INGOT CASTING, MELTING, AND CRYSTALLIZATION OF POLYSILICON SEED CRYSTAL IN BUFFERED FASHION ~71:NANTONG UNIVERSITY, No. 9, Qiangyuan Road, Jiangsu, People's Republic of China ~72: CHEN, Yun;DENG, Jie;LIN, Fan;WANG, Qiang;ZHANG, Guoan;ZHU, Haifeng~ 33:CN ~31:201710019711.7 ~32:12/01/2017

2019/04725 ~ Complete ~54:PERSONALISED IMMUNOGENIC PEPTIDE IDENTIFICATION PLATFORM ~71:TREOS BIO ZRT, Viola utca 2, Hungary ~72: CSISZOVSZKI, Zsolt;LISZIEWICZ, Julianna;LORINCZ,

Orsolya;MEGYESI, Mónika;MOLNÁR, Levente;PÁNTYA, Katalin;SOMOGYI, Eszter;TOTH, József;T¿KE, Enik¿ R.~ 33:EP ~31:17159242.1 ~32:03/03/2017;33:EP ~31:17159243.9 ~32:03/03/2017;33:EP ~31:1703809.2 ~32:09/03/2017

2019/04731 ~ Complete ~54:ELECTRONIC DELAY DETONATOR LOGGING CONTROL DEVICE AND METHOD THEREFOR ~71:Hanwha Corporation, (Janggyo-dong) 86, Cheonggyecheon-ro, Jung-Gu, 04541, SEOUL, REPUBLIC OF KOREA, Republic of Korea ~72: CHOI, Jeong Ho~

2019/04739 ~ Complete ~54:SERVICE TRANSMISSION METHOD, BASE STATION, AND TERMINAL ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: HUA XU;NING YANG~

2019/04727 ~ Complete ~54:SECURE OFFLINE RESOURCE OPERATIONS ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: CHEN, Ge;CHEN, Xing;SHEN, Lingnan;WANG, Lei~ 33:CN ~31:201611175289.6 ~32:19/12/2016;33:US ~31:15/845,422 ~32:18/12/2017

2019/04729 ~ Complete ~54:MOISTURE BARRIER PACKAGE ~71:UPL LTD, Agrochemical Plant, Durgachak, Midnapore Dist., HALDIA 721 602, WEST BENGAL, INDIA, India ~72: SHROFF, Jaidev Rajnikant;SHROFF, Vikram Rajnikant~ 33:IN ~31:201631043367 ~32:19/12/2016

2019/04741 ~ Complete ~54:PHENYLDIFLUOROMETHYL-SUBSTITUTED PROLINAMIDE COMPOUND ~71:ASTELLAS PHARMA INC., 5-1, Nihonbashi-Honcho 2-chome Chuo-ku, Tokyo, 103-8411, Japan ~72: ERIKO YAMAMOTO;KAZUYUKI TSUCHIYA;SHUNICHIRO MATSUMOTO;SUNAO IMADA;YU HARAYAMA;YUTAKA NAKAJIMA~ 33:JP ~31:2017-010321 ~32:24/01/2017

2019/04742 ~ Complete ~54:USER MOBILITY METHOD AND DEVICE ~71:FG INNOVATION COMPANY LIMITED, Flat 2623, 26/F Tuen Mun Central Square, 22 Hoi Wing Road, Tuen Mun, New Territories, Hong Kong;SHARP KABUSHIKI KAISHA, 1 Takumi-cho, Sakai-ku, Sakai City, Osaka, 590-8522, Japan ~72: NINGJUAN CHANG;SHOHEI YAMADA~ 33:CN ~31:201611213899.0 ~32:23/12/2016

2019/04715 ~ Complete ~54:A UTILIZATION METHOD OF SOYBEAN WHEY WASTEWATER ~71:Qilu University of Technology (Shandong Academy of Sciences), No.3501, Daxue Road, Changqing District, 250353, People's Republic of China ~72: Zhang Zhiguo~ 33:CN ~31:201910050792.6 ~32:20/01/2019

2019/04718 ~ Complete ~54:WIRE MESH AND METHOD FOR PRODUCING A COIL FOR A WIRE MESH ~71:Geobrugg AG, Aachstrasse 11, Switzerland ~72: Dr. Corinna WENDELER-GÖGGELMANN~ 33:DE ~31:10 2017 101 754.2 ~32:30/01/2017

2019/04726 ~ Complete ~54:SYSTEM AND METHOD FOR EVALUATING WIRELESS DEVICE AND/OR WIRELESS NETWORK PERFORMANCE ~71:TUTELA TECHNOLOGIES LTD., 1124 Vancouver St., Canada ~72: CHOW, Brennen Stephen;DARCIE, Thomas E.;KROEKER, Anthony Sean;MACDONALD, Hunter Banford Bulmer;NEVILLE, Stephen William;YARISH, David Daniel~ 33:US ~31:62/447,225 ~32:17/01/2017

2019/04730 ~ Complete ~54:BENZODIAZEPINE DERIVATIVES, COMPOSITIONS, AND METHODS FOR TREATING COGNITIVE IMPAIRMENT ~71:AgeneBio, Inc., 1101 E. 33rd Street, Suite C310, BALTIMORE 21218, MD, USA, United States of America ~72: BUTERA, John A.;HUANG, Jianxing;MEKONNEN, Belew~ 33:US ~31:62/436,272 ~32:19/12/2016;33:IB ~31:2017/001763 ~32:20/12/2017

2019/04740 ~ Complete ~54:METHOD AND DEVICE FOR CONFIGURING COMMUNICATION PARAMETER ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: HAI TANG~

2019/04743 ~ Complete ~54:SHEET-FED PRINTING PRESS FOR SIMULTANEOUS RECTO-VERSO PRINTING OF SHEETS, IN PARTICULAR FOR THE PRODUCTION OF SECURITY DOCUMENTS ~71:KBA-NOTASYS SA, Avenue du Grey 55, 1018, Lausanne, Switzerland ~72: JOHANNES SCHAEDE~ 33:EP ~31:17160749.2 ~32:14/03/2017

2019/04713 ~ Provisional ~54:TDGLOBALMART SERVICE PORTAL ~71:Thulani Dube, 45 Madsion Palms East, 112 North Road, South Africa ~72: Thulani Dube~

2019/04714 ~ Complete ~54:METHOD FOR UNLOADING BULK MATERIALS & ASSOCIATED METHOD FOR TRANSPORTING SUCH MATERIALS ~71:MONTEAGLE TRUCKING (PTY) LIMITED, Of Marshall House, 11 Sunbury Park, La Lucia Ridge Office Estate,, South Africa ~72: LIDSTON, Derek John~ 33:ZA ~31:2018/05219 ~32:03/08/2018

2019/04723 ~ Complete ~54:POPULATION-BASED IMMUNOGENIC PEPTIDE IDENTIFICATION PLATFORM ~71:TREOS BIO ZRT, Viola utca 2, Hungary ~72: CSISZOVSZKI, Zsolt;LISZIEWICZ, Julianna;LORINCZ, Orsolya;MEGYESI, Mónika;MOLNÁR, Levente;PÁNTYA, Katalin;SOMOGYI, Eszter;TOTH, József;T¿KE, Enik¿ R.~ 33:EP ~31:17159242.1 ~32:03/03/2017;33:EP ~31:17159243.9 ~32:03/03/2017;33:GB ~31:1703809.2 ~32:09/03/2017

2019/04733 ~ Complete ~54:APOC-II MIMETIC PEPTIDES ~71:Corvidia Therapeutics, Inc., 35 Gatehouse Drive, WALTHAM 02451, MA, USA, United States of America;The United States of America, as Represented by the Secretary, Department of Health & Human Services, Office Of Technology Transfer, 6011 Executive Boulevard, Suite 325, ROCKVILLE 20852, MD, USA, United States of America ~72: DEVALARAJA, Madhav N.;GHOSH, Soumitra Shanker;LO, Chih-Hung;REMALEY, Alan Thomas;SVIRIDOV, Denis O.;WOLSKA, Anna~ 33:US ~31:62/448,358 ~32:19/01/2017;33:US ~31:62/476,531 ~32:24/03/2017;33:US ~31:62/476,535 ~32:24/03/2017

2019/04737 ~ Complete ~54:PYRIDINE DERIVATIVE AS ASK1 INHIBITOR AND PREPARATION METHOD AND USE THEREOF ~71:FUJIAN COSUNTER PHARMACEUTICAL CO., LTD., Fuyuan Industrial Zone, Dongyuan Town, Zherong County Ningde, Fujian, 355300, People's Republic of China ~72: CHENGDE WU;NING LI;SHUHUI CHEN;TAO YU~ 33:CN ~31:201710054224.4 ~32:22/01/2017

2019/04728 ~ Complete ~54:POST-HARVEST TREATMENT METHOD USING CLONOSTACHYS ROSEA ~71:Danstar Ferment AG, Post-Strasse 30, ZUG 6300, SWITZERLAND, Switzerland ~72: COR, Olivier;DELAUNOIS, Bertrand;MOREL, Matthieu;ROGALSKA, Selma;SANCHEZ, Jean-Marc~ 33:EP ~31:17152236.0 ~32:19/01/2017

2019/04708 ~ Complete ~54:METHOD AND APPARATUS FOR NON-DESTRUCTIVE INSPECTION OF FRUITS HAVING AN AXIS OF ROTATIONAL SYMMETRY ~71:MICROTEC S.R.L., Via Julius Durst 98, 39042, Bressanone (BZ), Italy ~72: ENRICO URSELLA;GIANCARLO ZANE;MARCO BOSCHETTI;SIMONE FACCINI~ 33:IT ~31:102018000002420 ~32:05/02/2018

2019/04721 ~ Complete ~54:SEAT AND UTILITY VEHICLE ~71:RHEINMETALL MAN MILITARY VEHICLES ÖSTERREICH GESMBH, Brunner Strasse 44-50, Austria ~72: ALLMANN, Christian~

2019/04735 ~ Complete ~54:DATA PROCESSING METHOD AND DEVICE ~71:ALIBABA GROUP HOLDING LIMITED, Fourth Floor, One Capital Place, P.O. Box 847, George Town, Grand Cayman, Cayman Islands ~72: HONGLIN QIU~ 33:CN ~31:201710085752.6 ~32:17/02/2017

2019/04710 ~ Provisional ~54:HAIR EXTENSION FASTENING SYSTEM ~71:RESTORATION HAIR EXTENSIONS, 790 STELLENBERG ROAD , 33 PETER'S PLACE COMPLEX , EQUESTRIA , 0184, South Africa ~72: STEPHAN JOHAN STRYDOM~

2019/04711 ~ Provisional ~54:THE INSTRUMENT AND METHOD FOR DIGITIZING USING PORTABLE DEVICES ~71:MBUSO NGCONGO, 6 RAYLEIGH HOUSE, 214 CHE GUEVARA ROAD, South Africa ~72: MBUSO DENNIS NGCONGO~

2019/04709 ~ Provisional ~54:PORTABLE SAFE ~71:Gerald Kuisis, 45 Eva Road, Fairleads, South Africa ~72: Gerald Kuisis~

2019/04716 ~ Complete ~54:BELT CONVEYOR MAINTENANCE PROCESS AND DEVICE, CORRESPONDING ASSEMBLY ~71:BRUNONE, René, 46, rue du Général Leclerc, France ~72: BRUNONE, René~

2019/04720 ~ Complete ~54:PROCESS FOR INGOT CASTING, MELTING, AND CRYSTALLIZATION OF MONO-LIKE SEED CRYSTAL IN CONCAVE FASHION ~71:NANTONG UNIVERSITY, No. 9, Qiangyuan Road, Jiangsu, People's Republic of China ~72: CHEN, Yun;DENG, Jie;WANG, Qiang;YOU, Min;ZHANG, Guoan;ZHU, Haifeng~ 33:CN ~31:2017100196792 ~32:12/01/2017

2019/04724 ~ Complete ~54:ROTARY DRILL HEAD FOR COILED TUBING DRILLING APPARATUS ~71:MINEX CRC LTD, 26 Dick Perry Avenue, Australia ~72: FOX, Shane Lee;SØE, Søren Pham~ 33:AU ~31:2017900143 ~32:18/01/2017;33:WO ~31:PCT/AU2017/050508 ~32:30/05/2017

2019/04732 ~ Complete ~54:EXTERNALLY MOUNTED TIRE INFLATION SYSTEM ~71:Equalaire Systems, Inc., 1414 Valero Way, CORPUS CHRISTI 78409, TX, USA, United States of America ~72: GRAVELL, Jonathan;HENNIG, Mark Kevin~ 33:US ~31:62/448,280 ~32:19/01/2017

2019/04738 ~ Complete ~54:MEASUREMENT METHOD, BASE STATION AND TERMINAL ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: HUA XU;NING YANG~

- APPLIED ON 7/19/2019 -

2019/04751 ~ Complete ~54:MOBILE AIR CONDITIONER ~71:CHUNG, Yong-Quan, No. 2, Lane 8, Panshi Road, North District, Taiwan, Province of China ~72: CHUNG, Yong-Quan~

2019/04754 ~ Complete ~54:COATED NANOPARTICLES FOR USE FOR MODULATING ELECTRICAL POLARIZATION OF NEURONS ~71:NANOBIOTIX, 60 RUE DE WATTIGNIES, 75012 PARIS, FRANCE, France ~72: LEVY, Laurent;MEYRE, Marie-Edith;POTTIER, Agnès~ 33:EP ~31:16306753.1 ~32:21/12/2016

2019/04765 ~ Complete ~54:PUF BASED COMPOSITE SECURITY MARKING FOR ANTI-COUNTERFEITING ~71:Merck Patent GmbH, Frankfurter Strasse 250, DARMSTADT 64293 , GERMANY, Germany ~72: ENDRESS, Thomas;SZABO, Daniel;WAHL, Fabian~ 33:EP ~31:16205928.1 ~32:21/12/2016

2019/04766 ~ Complete ~54:PUF BASED COMPOSITE SECURITY MARKING FOR ANTI-COUNTERFEITING ~71:Merck Patent GmbH, Frankfurter Strasse 250, DARMSTADT 64293 , GERMANY, Germany ~72: ENDRESS, Thomas;SZABO, Daniel;WAHL, Fabian~ 33:EP ~31:16205920.8 ~32:21/12/2016

2019/04768 ~ Complete ~54:ALLOYED Al PLATED STEEL SHEET FOR HOT STAMPING AND HOT STAMPED STEEL MEMBER ~71:NIPPON STEEL CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, TOKYO 1008071, JAPAN, Japan ~72: FUDA, Masahiro;FUJITA, Soshi;KUSUMI, Kazuhisa;MAKI, Jun;TABATA, Shinichiro~

2019/04769 ~ Complete ~54:METHOD ~71:University of Kentucky Research Foundation, 144 ASTeCC Building, LEXINGTON 40506-0286, KY, USA, United States of America ~72: MAHAYLOVA-KROUMOVA, Antoaneta Borissova;TANG, Guiliang;WAGNER, George;WANG, Erming~ 33:US ~31:62/455,850 ~32:07/02/2017

2019/04771 ~ Complete ~54:ARYL HYDROCARBON RECEPTOR (AHR) MODULATOR COMPOUNDS ~71:Phenex Pharmaceuticals AG, Donnersbergweg 1, LUDWIGSHAFEN 67059, GERMANY, Germany ~72: ALBERS, Michael;DEUSCHLE, Ulrich;HOFFMANN, Thomas;STEENECK, Christoph~ 33:EP ~31:17000158.0 ~32:01/02/2017

2019/04788 ~ Provisional ~54:THE ALTERNATIVE SANITARY SYSTEM ~71:PUSELETSO TIRON MOENG, 34 MOKOENA CRESCENT, South Africa ~72: MOSA SESEANE~ 33:ZA ~31:0000 ~32:18/07/2019

2019/04749 ~ Complete ~54:MINE COMPREHENSIVE PROTECTION SYSTEM DETECTION DEVICE BASED ON PLC AND INDUSTRIAL COMPUTER ~71:Anhui University of Science and Technology, No. 168 Taifeng Road, Anhui Province, People's Republic of China ~72: CHEN, Wei;DENG, Haishun;HE, Qianjin;HU, Xiangwei;WANG, Yaming~ 33:CN ~31:201811256474.7 ~32:26/10/2018

2019/04756 ~ Complete ~54:NANOPARTICLES FOR USE FOR ENHANCING BRAIN PERFORMANCES OR FOR TREATING STRESS ~71:NANOBIOTIX, 60 RUE DE WATTIGNIES, 75012 PARIS, FRANCE, France ~72: LEVY, Laurent;MEYRE, Marie-Edith;POTTIER, Agnès~ 33:EP ~31:16306752.3 ~32:21/12/2016

2019/04759 ~ Complete ~54:ENCLOSURE ASSEMBLY AND METERING APPARATUS COMPRISING SAME ~71:LANDIS+GYR AG, Theilerstrasse 1, 6301, Zug, Switzerland ~72: ANDREW CAKEBREAD~ 33:CH ~31:00039/17 ~32:12/01/2017

2019/04774 ~ Complete ~54:HISTONE DEACETYLASE INHIBITORS ~71:BioMarin Pharmaceutical, Inc., 105 Digital Drive, NOVATO 94949, CA, USA, United States of America ~72: BHAGWAT, Shripad;LUEDTKE, Gregory~ 33:US ~31:62/437,767 ~32:22/12/2016

2019/04791 ~ Provisional ~54:KEYARONA EXPRESS SHUTTLE ~71:MODJADJI KATLEGO MOJAPELO, 39 TWIN PALMS STREET, South Africa ~72: MODJADJI KATLEGO MOJAPELO~

2019/04798 ~ Complete ~54:MICROBIAL COMPOSITIONS AND METHODS ~71:MONSANTO TECHNOLOGY LLC, 800 North Lindbergh Boulevard, St. Louis, United States of America ~72: ARIAS, Maria, Mercedes, Diaz;FERREIRA, Kenneth, L.;GRANDLIC, Christopher, J;LUTFIYYA, Linda, L.;MCCANN, Ryan, T.;SCHAECHER, Scott, R.;STEIN, Jeffrey, M.~ 33:US ~31:62/441,918 ~32:03/01/2017;33:US ~31:62/449,974 ~32:24/01/2017

2019/04763 ~ Complete ~54:FUNGAL ENDOPHYTES FOR IMPROVED CROP YIELDS AND PROTECTION FROM PESTS ~71:THE TEXAS A&M UNIVERSITY SYSTEM, 3369 Tamu College Station, 77843-3369, Texas, United States of America ~72: GREGORY A SWORD~ 33:US ~31:62/438,966 ~32:23/12/2016;33:US ~31:62/546,959 ~32:17/08/2017;33:US ~31:62/567,113 ~32:02/10/2017

2019/04760 ~ Complete ~54:PRODUCTION OF NOVEL BETA-LACTOGLOBULIN PREPARATIONS AND RELATED METHODS, USES, AND FOOD PRODUCTS ~71:ARLA FOODS AMBA, Sønderhøj 14,

8260, Viby J, Denmark ~72: HANS BERTELSEN;KASPER BØGELUND LAURIDSEN~ 33:EP ~31:16206861.3 ~32:23/12/2016

2019/04764 ~ Complete ~54:A MULTI-EPITOPE DNA VACCINE FOR HEARTWATER ~71:AGRICULTURAL RESEARCH COUNCIL, 1134 Park Street Hatfield, Pretoria, 0083, South Africa ~72: ALRI PRETORIUS;FREDERIKA ELIZABETH FABER;HELENA CORNELIA STEYN;JUNITA LIEBENBERG;MIRINDA VAN KLEEF;NONTOBEKO THEMA;SELAELO IVY TSHILWANE~

2019/04770 ~ Complete ~54:LOW REACTIVITY CALCIUM HYPOCHLORITE SHAPED ARTICLE ~71:Innovative Water Care, LLC, 1400 Bluegrass Lakes Parkway, ALPHARETTA 30004, GA, USA, United States of America ~72: BARTON, Karllee;LEI, Deqing;RAWAT, Nidhi~ 33:US ~31:62/448,553 ~32:20/01/2017

2019/04755 ~ Complete ~54:NANOPARTICLES FOR USE FOR TREATING A NEURONAL DISORDER ~71:NANOBIOTIX, 60 RUE DE WATTIGNIES, 75012 PARIS, FRANCE, France ~72: LEVY, Laurent;MEYRE, Marie-Edith;POTTIER, Agnès~ 33:EP ~31:16306750.7 ~32:21/12/2016

2019/04747 ~ Complete ~54:LONG ACTING INJECTABLE PHARMACEUTICAL COMPOSITION COMPRISING PALIPERIDONE PALMITATE AND METHOD OF PREPARATION THEREOF ~71:PHARMATHEN S.A., 6 DERVENAKION STREET, 15351 PALLINI ATTIKIS, GREECE, Greece ~72: KARAVAS, Evangelos~

2019/04753 ~ Complete ~54:DETERMINING PARTICULARS OF AN ITEM IN AN ONLINE MARKETPLACE ~71:GETWORTH (PTY) LTD, 21 Spilhaus Avenue, South Africa ~72: MORGAN, Colin Bruce;RIDGWAY, Mark Eden;SURKONT, Jamie Kazimierz~ 33:ZA ~31:2016/08711 ~32:19/12/2016

2019/04783 ~ Complete ~54:COMPUTER CONTROLLED BRAKE PARKING BRAKE CONTROL SYSTEM ~71:New York Air Brake, LLC, 748 Starbuck Avenue, United States of America ~72: WRIGHT, Eric C~ 33:US ~31:15/438,055 ~32:21/02/2017

2019/04761 ~ Complete ~54:RECOMBINANT VACCINE AGAINST HELMINTHS IN PICHIA PASTORIS AND METHODS FOR PRODUCING AND PURIFYING PROTEINS FOR USE AS VACCINES AGAINST HELMINTHS ~71:FUNDAÇAO OSWALDO CRUZ, Avenida Brasil 4365, Manguinhos CEP, 21045-900, Rio de Janeiro, Brazil ~72: ANDREW J G SIMPSON;CELSO RAUL ROMERO RAMOS;MIRIAM TENDLER~ 33:BR ~31:BR102017001309-0 ~32:23/01/2017

2019/04750 ~ Complete ~54:SOLAR POWER SUPPLY SYSTEM AND METHOD ~71:NELSON MANDELA UNIVERSITY, university Way, Summerstrand, Port Elizabeth, South Africa ~72: EDWIN TEBOGO RISIBI;PETER ANDREW FREERE~ 33:ZA ~31:2018/05821 ~32:30/08/2018

2019/04752 ~ Complete ~54:IMPROVED USE OF BOTULINUM NEUROTOXIN IN THE TREATMENT OF SIALORRHEA ~71:MERZ PHARMA GMBH & CO. KGAA, Eckenheimer Landstr. 100, Germany ~72: ALTHAUS, Michael;CSIKOS, Janos;KRÜER, Markus;PULTE, Irena;WEGENER, Nico~ 33:EP ~31:17162719.3 ~32:24/03/2017

2019/04757 ~ Complete ~54:NOVEL ADENYLOSUCCINATE SYNTHETASE AND METHOD FOR PRODUCING PURINE NUCLEOTIDES USING THE SAME ~71:CJ CHEILJEDANG CORPORATION, 330, DONGHO-RO, JUNG-GU, SEOUL 04560, REP OF KOREA, Republic of Korea ~72: BAE, Jee Yeon;BAEK, Min Ji;LEE, Ji Hye;PARK, So-jung~ 33:KR ~31:10-2018-0089855 ~32:01/08/2018

2019/04758 ~ Complete ~54:INTERMEDIATE FILM FOR LAMINATED GLASSES, AND LAMINATED GLASS ~71:SEKISUI CHEMICAL CO., LTD., 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka, 5308565, Japan ~72: HIROMITSU NISHINO;KOJI KIDO;YUUSUKE OOTA~ 33:JP ~31:2017-050268 ~32:15/03/2017

2019/04773 ~ Complete ~54:NON-INVASIVE BRAIN INJURY DIAGNOSTIC DEVICE ~71:Medicortex Finland Oy, Pharma City, Itäinen Pitkäkatu 4 B, 4th floor, TURKU 20520, FINLAND, Finland ~72: HAREL, Adrian;VÄLIMAA, Lasse~ 33:US ~31:62/461,277 ~32:21/02/2017

2019/04745 ~ Provisional ~54:MOBILE RECYCLING STATION ~71:WORKHORSE RECYCLING (PTY) LTD., 3767 Tsoella Street, Bethlehem, 9701, Free State, South Africa ~72: TUMELO MOTAUNG~

2019/04746 ~ Provisional ~54:EXPLOSIVE MATRIX LANCE ~71:IZIBLAST (PTY) LTD, 1 Nursery Road, Westerndeep Levels, South Africa ~72: FOURIE, Hans Jurgens~

2019/04748 ~ Complete ~54:A TROLLEY ~71:Sharon Gail Painting, Unit 17, Manyways, 77 Doordrift Road, South Africa ~72: Sharon Gail Painting~

2019/04762 ~ Complete ~54:ONE-WAY VALVE FOR FOOD PACKAGES ~71:MICVAC AB, Flöjelbergsgatan 10, 431 37, Mölndal, Sweden ~72: FREDRIK LARSSON;JOHAN ZETTERBERG~ 33:EP ~31:17161606.3 ~32:17/03/2017

2019/04767 ~ Complete ~54:PHARMACEUTICAL DOSAGE FORMS CONTAINING TASK-1 AND TASK-3 CHANNEL INHIBITORS, AND THE USE OF SAME IN BREATHING DISORDER THERAPY ~71:Bayer Pharma Aktiengesellschaft, Müllerstr. 178, BERLIN 13353, GERMANY, Germany ~72: ALBUS, Udo;ANLAHR, Johanna;BECK-BROICHSITTER, Moritz;DELBECK, Martina;GEHRING, Doris;HAHN, Michael;NICOLAI, Janine;ROSENSTEIN, Björn~ 33:EP ~31:16205688.1 ~32:21/12/2016;33:EP ~31:17157805.7 ~32:24/02/2017

2019/04784 ~ Complete ~54:COMPUTER CONTROLLED BRAKE RETAINER VALVE CONTROL SYSTEM ~71:New York Air Brake, LLC, 748 Starbuck Avenue, United States of America ~72: WRIGHT, Eric C~ 33:US ~31:15/438,137 ~32:21/02/2017

2019/04785 ~ Complete ~54:MULTIPLE FRAGRANCE CANDLE ~71:MULLER, Gordon Ernest, 418 Sussex Avenue, Lynnwood, South Africa ~72: MULLER, Gordon Ernest~ 33:ZA ~31:2016/08792 ~32:21/12/2016

2019/04789 ~ Provisional ~54:BOPHELO MATLOU SATURATED LIQUID-VAPOUR POWER-CYCLE ~71:Mmasefakwane Essinah Bokaba, M.E Bokaba, 1 downly Street, P.O Box 106,, South Africa ~72: Mmasefakwane Essinah Bokaba~

2019/04778 ~ Complete ~54:SUBSTITUTED HETEROARYL PYRROLONES AND SALTS THEREOF AND USE THEREOF AS HERBICIDAL ACTIVE SUBSTANCES ~71:Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 1, LEVERKUSEN 51373, GERMANY, Germany;Bayer CropScience Aktiengesellschaft, Alfred-Nobel-Str. 50, MONHEIM AM RHEIN 40789, GERMANY, Germany ~72: DIETRICH, Hansjörg;FRACKENPOHL, Jens;FRANKE, Jana;GATZWEILER, Elmar;HELMKE, Hendrik;LÜMMEN, Peter;MACHETTIRA, Anu Bheemaiah;REINGRUBER, Anna Maria;ROSINGER, Christopher Hugh;SCHMUTZLER, Dirk~ 33:EP ~31:16206185.7 ~32:22/12/2016

2019/04780 ~ Complete ~54:SYSTEM FOR TARGETED APPLICATION OF TOPICAL AGENTS TO AN ISOLATED BODY PART ~71:Johnson & Johnson Consumer Inc., 199 Grandview Road, SKILLMAN 08558, NJ, USA, United States of America ~72: ALARY, Marc;HOPSON, Peyton;LIU, Jan-Joo;LUNDE, Erik;MORANO, Emanuel;PATEL, Bharat~ 33:US ~31:62/437,815 ~32:22/12/2016

2019/04782 ~ Complete ~54:ANTIBODY DRUG CONJUGATES (ADCS) HAVING ENZYMATICALLY CLEAVABLE GROUPS ~71:Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 1, LEVERKUSEN 51373, GERMANY, Germany;Bayer Pharma Aktiengesellschaft, Müllerstr. 178, BERLIN 13353, GERMANY,

Germany ~72: BERNDT, Sandra;DIETZ, Lisa;GREVEN, Simone;HAMMER, Stefanie;KIRCHHOFF, Dennis;LERCHEN, Hans-Georg;MÄRSCH, Stephan;MAHLERT, Christoph;REBSTOCK, Anne-Sophie;SOMMER, Anette;STELTE-LUDWIG, Beatrix~ 33:EP ~31:16205868.9 ~32:21/12/2016

2019/04786 ~ Complete ~54:METHOD AND SYSTEM FOR DETERMINING CORE ORIENTATION ~71:REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD, 216 Balcatta Road, Australia ~72: BROWN, Kelvin;JABBAL, Gurtej Singh;MCLEOD, Gavin Thomas;TAPSON, Jonathan Craig~ 33:AU ~31:2016905363 ~32:23/12/2016

2019/04787 ~ Complete ~54:TEMPORARILY SUPPRESSING PROCESSING OF A RESTRAINED STORAGE OPERAND REQUEST ~71:INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road, United States of America ~72: GIAMEI, Bruce Conrad;JACOBI, Christian;ROSA, Daniel;SAPORITO, Anthony;SCHMIDT, Donald William;SHUM, Chung-Lung~ 33:US ~31:15/404,254 ~32:12/01/2017

2019/04772 ~ Complete ~54:ARYL HYDROCARBON RECEPTOR (AHR) MODULATOR COMPOUNDS ~71:Phenex Pharmaceuticals AG, Donnersbergweg 1, LUDWIGSHAFEN 67059, GERMANY, Germany ~72: ALBERS, Michael;DEUSCHLE, Ulrich;HOFFMANN, Thomas;STEENECK, Christoph~ 33:EP ~31:17000157.2 ~32:01/02/2017

2019/04775 ~ Complete ~54:PHARMACEUTICAL DOSAGE FORMS CONTAINING TASK-1 AND TASK-3 CHANNEL INHIBITORS, AND THE USE OF SAME IN BREATHING DISORDER THERAPY ~71:Bayer Pharma Aktiengesellschaft, Müllerstrasse 178, BERLIN 13353, GERMANY, Germany ~72: ALBUS, Udo;ANLAHR, Johanna;BECK-BROICHSITTER, Moritz;DELBECK, Martina;GEHRING, Doris;HAHN, Michael;NICOLAI, Janine;ROSENSTEIN, Björn~ 33:EP ~31:16205686.5 ~32:21/12/2016;33:EP ~31:17157800.8 ~32:24/02/2017

2019/04776 ~ Complete ~54:PYRAN DERVATIVES AS CYP11A1 (CYTOCHROME P450 MONOOXYGENASE 11A1) INHIBITORS ~71:Orion Corporation, Orionintie 1, ESPOO FI-02200, FINLAND, Finland ~72: DIN BELLE, David;MÄKELÄ, Mikko;PASSINIEMI, Mikko;PIETIKÄINEN, Pekka;RUMMAKKO, Petteri;TIAINEN, Eija;VAISMAA, Matti;WOHLFAHRT, Gerd~ 33:FI ~31:20166024 ~32:22/12/2016

2019/04777 ~ Complete ~54:PYRAZOLE DERIVATIVES AS MALT1 INHIBITORS ~71:Janssen Pharmaceutica NV, Turnhoutseweg 30, BEERSE B-2340, BELGIUM, Belgium ~72: ALLISON, Brett Douglas;BARBAY, Joseph Kent;BERTHELOT, Didier Jean-Claude;CONNOLLY, Peter J.;CUMMINGS, Maxwell David;DIELS, Gaston;EDWARDS, James Patrick;KREUTTER, Kevin D.;LU, Tianbao;PHILIPPAR, Ulrike;SHEN, Fang;THURING, Johannes Wilhelmus John Fitzgerald;WU, Tongfei~ 33:US ~31:62/437,384 ~32:21/12/2016

2019/04779 ~ Complete ~54:MICRONEEDLE ARRAYS AND METHODS FOR MAKING AND USING ~71:Johnson & Johnson Consumer Inc., 199 Grandview Road, SKILLMAN 08558, NJ, USA, United States of America ~72: ALARY, Marc;HOPSON, Peyton;LIU, Jan-Joo;LUNDE, Erik;MORANO, Emanuel;PATEL, Bharat~ 33:US ~31:62/437,800 ~32:22/12/2016

2019/04781 ~ Complete ~54:COMPOSITIONS AND METHODS FOR INHIBITING ARGINASE ACTIVITY ~71:Calithera Biosciences, Inc., 343 Oyster Point Boulevard, Suite 200, SOUTH SAN FRANCISCO 94080, CA, USA, United States of America ~72: BILLEDEAU, Roland J.;CHEN, Lijing;GROSS, Matthew I.;JAGDMANN, Gunnar E. Jr.;LI, Jim;PARLATI, Francesco;PETERSEN, Lene Raunkjær;SJOGREN, Eric B.;STANTON, Timothy F.;VAN ZANDT, Michael;WHITEHOUSE, Darren~ 33:US ~31:62/438,092 ~32:22/12/2016;33:US ~31:62/439,614 ~32:28/12/2016

- APPLIED ON 7/22/2019 -

2019/04801 ~ Complete ~54:CELLULASE SUITABLE FOR USE IN DETERGENT COMPOSITIONS ~71:CLARIANT INTERNATIONAL LTD, Rothausstrasse 61, Switzerland ~72: BEST, Jonathan;COOK, Andrew, Thomas;EISELE, Thomas;HOESL, Michael;JAKOB, Claudia;JOCHENS, Helge;KOHL, Andreas;KOTSAKIS, Panagiotis;LANG, Dietmar;O'CONNELL, Timothy;PARRY, Neil, James;SAMBI, Ilaria;WALLRAPP, Frank~ 33:EP ~31:17162731.8 ~32:24/03/2017

2019/04793 ~ Provisional ~54:A FOOD DEHYDRATION SYSTEM ~71:PRELLER, Elmore, William, 97 MOERBEI AVENUE, WONDERBOOM, 0182, SOUTH AFRICA, South Africa ~72: PRELLER, Elmore, William~

2019/04803 ~ Complete ~54:A CONNECTOR ASSEMBLY FOR A DRILLING APPARATUS ~71:GOUWS, Petrus Christiaan (deceased), 533 Dawn Street, Meadows Estate, Ridge Road, Hazeldean, Pretoria East 1401, SOUTH AFRICA, South Africa ~72: GOUWS, Petrus Christiaan (deceased)~ 33:ZA ~31:2017/00929 ~32:07/02/2017

2019/04805 ~ Complete ~54:CARBOXYLIC ACID AROMATIC AMIDES AS ANTAGONISTS OF BRADYKININ B1 RECEPTOR ~71:Bayer Pharma Aktiengesellschaft, Müllerstr. 178, BERLIN 13353, GERMANY, Germany ~72: BÄURLE, Stefan;DAVENPORT, Adam James;DYRKS, Thomas;GRÖTICKE, Ina;KLAR, Jürgen;NAGEL, Jens;RAUSCH, Alexandra;ROTGERI, Andrea;SCHMIDT, Nicole;STIMSON, Christopher~ 33:EP ~31:16206750.8 ~32:23/12/2016

2019/04792 ~ Provisional ~54:INNOVATION OF THE CURRENT SMART METER ~71:Osca Bonile Mqokozo, 73 King Edward Rd, South Africa ~72: Osca Bonile Mqokozo~

2019/04797 ~ Complete ~54:SPARE-WHEEL SECURITY MECHANISM ~71:DEON ANDRÉ PIATER, 13 Korundum Avenue, Wilro Park, Roodepoort, 1724, South Africa ~72: DEON ANDRÉ PIATER~

2019/04806 ~ Complete ~54:GLOVE STRUCTURE ~71:Shanghai Jin Feng Yu Glove Co., Ltd., RM 2F-B2, No. 8 Building, Jinqiao Office Park No. 27, Xinjinqiao Road, Pudong, SHANGHAI 201206, CHINA (P.R.C.), People's Republic of China ~72: CAI, Wenlan;LI, Jinfeng;LI, Zhibin~ 33:CN ~31:201710020727.X ~32:12/01/2017

2019/04796 ~ Complete ~54:ANAEROBIC DIGESTER SYSTEM ~71:Global Energy Biogas (Pty) Ltd, Sustainability Institute, Lynedoch Road, Lynedoch, STELLENBOSCH 6703, SOUTH AFRICA, South Africa ~72: SUNDGREN, Terence Richard~ 33:ZA ~31:2018/05268 ~32:10/08/2018

2019/04802 ~ Complete ~54:SOLID PHOSPHORIC ACID CATALYSTS ~71:CLARIANT CORPORATION, IP Department, 1600 West Hill Street, Louisville, United States of America ~72: BORN, Marc;DUEKER, Axel;HOGUE, Peter;KORYNTA, Greg;SEVERANCE, Michael;SHEN, Wenqin;TOLLE, David;TURBEVILLE, Wayne~ 33:US ~31:62/470,313 ~32:12/03/2017

2019/04834 ~ Provisional ~54:BUM BIKE ~71:SOPHIA ANNIE HILL, 338 6TH AVE. LOTUS RIVER, South Africa;WESSEL CHRISTIAAN TONKIN, 338 6TH AVE. LOTUS RIVER, South Africa ~72: SOPHIA ANNIE HILL;WESSEL CHRISTIAAN TONKIN~

2019/04835 ~ Provisional ~54:TECHNO E-MOUSE ~71:GIDEON MPHIKELELI MADUNA, 14 PRETORIUS STR, LTX, South Africa ~72: GIDEON MPHIKELELI MADUNA~

2019/04809 ~ Complete ~54:DILATATION DEVICE ~71:TEVAR (PTY) LTD, 313 Chris Barnard Building, Anzio Road, Observatory, South Africa ~72: BEZUIDENHOUT, Deon;MUDGE, Edward Charles Teddy;ZILLA, Peter Paul~ 33:ZA ~31:2017/01122 ~32:15/02/2017

2019/04808 ~ Complete ~54:INNER FRAME BLANK FOR A PACK OF TOBACCO INDUSTRY PRODUCTS ~71:British American Tobacco (Investments) Limited, Globe House, 1 Water Street, LONDON WC2R 3LA,

UNITED KINGDOM, United Kingdom ~72: BRAY, Andrew;HOLFORD, Steven~ 33:GB ~31:1701073.7 ~32:23/01/2017

2019/04794 ~ Provisional ~54:FLASH HOOD WITH INTEGRATED FILTER ~71:A J CHARNAUD & CO (PTY) LTD., 1 Pink Street, Ezakheni Industrial Estate, Ladysmith, 3381, Kwazulu Natal, South Africa ~72: ROBIN JOHN CHARNAUD~

2019/04807 ~ Complete ~54:ANTI-INFLAMMATORY COMPOSITIONS COMPRISING IRAK AND JAK INHIBITORS ~71:Galapagos NV, Generaal De Wittelaan L11/A3, MECHELEN 2800, BELGIUM, Belgium ~72: AMANTINI, David;BRYS, Reginald Christophe Xavier;CLÉMENT-LACROIX, Philippe;DE VOS, Steve Irma Joel;GALIEN, René Alexandre~ 33:GB ~31:1702603.0 ~32:17/02/2017

2019/04795 ~ Complete ~54:PROCESS FOR OLIGOMERIZATION OF BUTENE WITH DETERMINATION OF THE PROPORTION OF ACIDIC CATALYSIS ~71:EVONIK DEGUSSA GMBH, RELLINGHAUSER STRASSE 1-11, 45128 ESSEN, GERMANY, Germany ~72: ALSCHER, Felix;BREITKOPF, Cornelia;FRANKE, Robert;NADOLNY, Fabian;PEITZ, Stephan;RESCHETILOWSKI, Wladimir;STOCHNIOL, Guido~ 33:EP ~31:18185533.9 ~32:25/07/2018

2019/04799 ~ Complete ~54:COMMUNICATION METHOD, TERMINAL DEVICE AND NETWORK DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, People's Republic of China ~72: YANG, Ning~

2019/04804 ~ Complete ~54:SUPPORT OF SEGMENTED STRUCTURAL DESIGN ~71:STAHL CRANESYSTEMS GMBH, Daimlerstr. 6, Germany ~72: GOLDER, Markus~ 33:DE ~31:10 2017 102 372.0 ~32:07/02/2017

2019/04800 ~ Complete ~54:FEEDING ATTACHMENTS, FEEDING CUP AND METHODS OF USE ~71:Gabriel Hendrik ROUX, 21/565 Hume Street Kearneys Spring, Australia ~72: Gabriel Hendrik ROUX~ 33:AU ~31:2017900200 ~32:23/01/2017;33:AU ~31:2017200580 ~32:30/01/2017

2019/04833 ~ Provisional ~54:MPILONTLE TANKS ~71:GIDEON VUYANI MBEBE, 63 TOURMALINE ROAD, SUNDOWNER EXT 7 RANDBURG, South Africa ~72: GIDEON VUYANI MBEBE~

- APPLIED ON 7/23/2019 -

2019/04815 ~ Complete ~54:SYSTEM AND METHOD FOR CONTROLLING A MACHINE THROUGH AN INTERRUPTED OPERATION ~71:Caterpillar Inc., 510 Lake Cook Road, Suite 100, United States of America ~72: WEI, Mo~ 33:US ~31:16/044832 ~32:25/07/2018

2019/04824 ~ Complete ~54:METHOD FOR PRODUCING A HOT-FORMED COATED STEEL PRODUCT ~71:TATA STEEL IJMUIDEN B.V., Wenckebachstraat 1, 1951, JZ Velsen-Noord, Netherlands ~72: HUGO VAN SCHOONEVELT (DECEASED);PETRUS CORNELIS JOZEF BEENTJES~ 33:EP ~31:17158418.8 ~32:28/02/2017;33:EP ~31:17158419.6 ~32:28/02/2017

2019/04826 ~ Complete ~54:METHOD AND DEVICE FOR RANDOM ACCESS ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: HUA XU;JIANHUA LIU;NING YANG~

2019/04828 ~ Complete ~54:METHOD FOR TRANSMITTING UPLINK CONTROL CHANNEL, NETWORK DEVICE AND TERMINAL DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: HUA XU;YANAN LIN~

2019/04829 ~ Complete ~54:INFORMATION TRANSMISSION METHOD, NETWORK DEVICE AND TERMINAL DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: HAI TANG~

2019/04830 ~ Complete ~54:IN VITRO PROPAGATION OF PRIMARY CANCER CELLS ~71:UNIVERSITY OF CAPE TOWN, Lovers Walk, Rondebosch, 7701 Cape Town, South Africa ~72: KEERTAN UNKHA JAIRAM DHEDA;MICHELE TOMASICCHIO~

2019/04831 ~ Complete ~54:METHOD FOR PRODUCING A STEEL STRIP WITH AN ALUMINIUM ALLOY COATING LAYER ~71:TATA STEEL IJMUIDEN B.V., Wenckebachstraat 1, 1951, JZ Velsen-Noord, Netherlands ~72: GUIDO CORNELIS HENSEN;HUGO VAN SCHOONEVELT (DECEASED)~ 33:EP ~31:17158418.8 ~32:28/02/2017;33:EP ~31:17158419.6 ~32:28/02/2017

2019/04811 ~ Provisional ~54:ANTIMICROBIAL SCHIFF BASES ~71:UNIVERSITY OF JOHANNESBURG, Cnr. Kingsway and University Roads, Auckland Park, Johannesburg, South Africa ~72: FOTSING, Marthe Carine Djuidje;IKHILE, Monisola Itohan;NDINTEH, Derek Tantoh;RAMASAMI, Ponnadurai;RHYMAN, Lydia~

2019/04832 ~ Complete ~54:A DRUG MONITORING TOOL ~71:SHIRE HUMAN GENETIC THERAPIES, INC., 300 Shire Way, Lexington, 02421, Massachusetts, United States of America ~72: GERALD SPOTTS;MICHAEL NELSON;ROMAN PICHLER~ 33:US ~31:62/451,391 ~32:27/01/2017

2019/04816 ~ Complete ~54:ENTERAL FEEDING DEVICES AND RELATED METHODS OF USE ~71:ALCRESTA THERAPEUTICS, INC., One Newton Executive Park, Suite 100, Newton, 02462, Massachusetts, United States of America ~72: DAVID J BROWN;EDWARD S PARK;GRETA L LORING;KENNETH GARY;MICHIEL CHRISTIAN ALEXANDER VAN VLIET;ROBERT GALLOTTO;WILLEM ROBERT KLAAS SCHOEVAART~ 33:US ~31:62/241,608 ~32:14/10/2015;33:US ~31:15/291,530 ~32:12/10/2016

2019/04817 ~ Complete ~54:RESCUE VEHICLE FOR URBAN FLOOD ~71:Taiyuan University of Science and Technology, No.66, Waliu Road, Wanbailin Districta, People's Republic of China ~72: CHEN, Zhaoming;LIAN, Jinyi;YANG, Weijie;ZANG, Xuechen;ZHANG, Xiqing~ 33:CN ~31:201810817299.8 ~32:24/07/2018

2019/04819 ~ Complete ~54:GERMINATION PROMOTERS ~71:Syngenta Participations AG, Schwarzwaldallee 215, BASEL 4058, SWITZERLAND, Switzerland ~72: DE MESMAEKER, Alain;LUMBROSO, Alexandre Franco Jean Camille;SCREPANTI, Claudio~ 33:GB ~31:1702158.5 ~32:09/02/2017

2019/04820 ~ Complete ~54:CONSTRUCTION SYSTEM HAVING CORNER CORE BLOCKS AND DECORATIVE FACE BLOCKS ~71:Hengestone Holdings, Inc., West Mall, Suite 610, TORONTO K6A 1K5, ONTARIO, CANADA, Canada ~72: BAILEY, Aaron;RODENBURGH, Ray~ 33:US ~31:62/449,636 ~32:24/01/2017;33:US ~31:15/597,301 ~32:17/05/2017

2019/04812 ~ Provisional ~54:METHODS AND FACILITIES FOR PROVIDING A SECONDARY AWARD IN A TRANSACTION ~71:TSHABUSE, Anzo, 447 Diepkloof Extention, Camel Crescent, Soweto, South Africa ~72: TSHABUSE, Anzo~

2019/04814 ~ Complete ~54:VIRAL VECTORS ENCODING RECOMBINANT FVIII VARIANTS WITH INCREASED EXPRESSION FOR GENE THERAPY OF HEMOPHILIA A ~71:Baxalta GmbH, Thurgauerstrasse 130, GLATTPARK 8152, (OPFIKON), SWITZERLAND, Switzerland;Baxalta Incorporated, 1200 Lakeside Drive, BANNOCKBURN 60015, IL, USA, United States of America ~72: FALKNER, Falko-Günter;HORLING, Franziska;LENGLER, Johannes;ROTTENSTEINER, Hanspeter;SCHEIFLINGER, Friedrich~ 33:US ~31:62/255,317 ~32:13/11/2015

2019/04818 ~ Complete ~54:SEED FIRMER ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: MCMAHON, Brian;STRNAD, Michael;SWANSON, Todd~ 33:US ~31:62/465,646 ~32:01/03/2017

2019/04821 ~ Complete ~54:DECENTRALISED DATA STORAGE ~71:Schréder S.A., Rue de Lusambo 67, BRUXELLES 1190 , BELGIUM, Belgium ~72: BRAND, Daniel;SCHRÖDER, Helmut~ 33:DE ~31:10 2017 102 712.2 ~32:10/02/2017

2019/04822 ~ Complete ~54:INFORMATION SENDING METHOD, INFORMATION RECEIVING METHOD, APPARATUS AND SYSTEM ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: HUA XU;NING YANG~

2019/04823 ~ Complete ~54:DATA TRANSMISSION METHOD AND APPARATUS ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: NING YANG~

2019/04825 ~ Complete ~54:INFORMATION TRANSMISSION METHOD, TERMINAL DEVICE AND NETWORK DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: NING YANG~

2019/04827 ~ Complete ~54:DATA TRANSMISSION METHOD AND COMMUNICATION DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an Dongguan, 523860, Guangdong, People's Republic of China ~72: HAI TANG;HUA XU~

2019/04813 ~ Provisional ~54:A SYSTEM FOR SECURING CONTENTS IN A SAFE, AND A METHOD OF A ENABLING CONTENTS TO BE SECURED IN A SAFE ~71:DRIEKUS KRUGER, 25 SMUTS STREET RANDGATE RANDFONTEIN JOHANNESBURG, South Africa ~72: DRIEKUS KRUGER~

- APPLIED ON 7/24/2019 -

2019/04843 ~ Complete ~54:DRAPERY SUSPENSION SYSTEM ~71:JORDAAN, Johannes, Jacobus, HOFSTRA STREET 8, DEL JUDOR EXT 1, WITBANK, MPUMALANGA, SOUTH AFRICA, South Africa ~72: JORDAAN, Jarryd, Kyle;JORDAAN, Johannes, Jacobus~ 33:ZA ~31:2018/03342 ~32:21/05/2018

2019/04852 ~ Complete ~54:LOW-VOLTAGE CIRCUIT BREAKER DEVICE ~71:Eaton Intelligent Power Limited, 30 Pembroke Road, DUBLIN 4, IRELAND, Ireland ~72: ASKAN, Kenan~ 33:DE ~31:10 2017 101 451.9 ~32:25/01/2017

2019/04860 ~ Complete ~54:METHODS FOR ASSESSING RISK OF DEVELOPING A VIRAL DISEASE USING A GENETIC TEST ~71:ASSISTANCE PUBLIQUE HOPITAUX DE PARIS, 149 rue de Sèvres, 75015, Paris, France;INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE), 101, rue de Tolbiac, 75654, Paris Cedex 13, France;POPULATION BIO, INC., 105 Maxess Road, Suite 124-S, Melville, 11747, New York, United States of America;UNIVERSITE PARIS-SUD, 15, rue Georges Clémenceau, 91405, Orsay Cedex, France ~72: ELI HATCHWELL;III EDWARD B SMITH;PEGGY S EIS;YASSINE TAOUFIK~ 33:US ~31:62/454 676 ~32:03/02/2017;33:US ~31:62/524 324 ~32:23/06/2017;33:US ~31:15/639 591 ~32:30/06/2017

2019/04862 ~ Complete ~54:AMMONIA PROCESS USING ADVANCED SHIFT PROCESS ~71:HALDOR TOPSØE A/S, Haldor Topsøes Allé 1, 2800, Kgs. Lyngby, Denmark ~72: ANNETTE E

KRØLL JENSEN;CHRISTIAN HENRIK SPETH;MARCUS SYMRENG;NIELS CHRISTIAN SCHJØDT;PER JUUL DAHL~ 33:DK ~31:PA 2017 00159 ~32:07/03/2017

2019/04848 ~ Complete ~54:ENERGY MACHINED POLYCRYSTALLINE DIAMOND COMPACTS AND RELATED METHODS ~71:US SYNTHETIC CORPORATION, 1260 South 1600 West, United States of America ~72: CARDELL, Jason Clark;CHAPMAN, Mark Pehrson;CHRISTENSEN, Nicholas Edward;JOHNSON, Brandon Alan;WARD, Ronald Wilford~ 33:US ~31:62/456,785 ~32:09/02/2017

2019/04854 ~ Complete ~54:A DEPENDING WAVE PUMP ~71:SWANA, Mpumzi Siphesihle, 56 Morningside Village, Block 103, 80 Fyfe Road, Morningside, DURBAN 4001, SOUTH AFRICA, South Africa ~72: SWANA, Mpumzi Siphesihle~ 33:ZA ~31:2017/01236 ~32:20/02/2017

2019/04864 ~ Provisional ~54:SWIMMING PALMATE ~71:PAUL MALEMA, 7395 MOEKETSI STREET,, South Africa ~72: PAUL MALEMA~

2019/04865 ~ Provisional ~54:CLEAR SIGNAL PROTECTION OF DSTV BOARD UNDER ADVERSE WEATHER CONDITIONS FOR CLEAR AND CONSISTENT VIEWING ~71:Justice Kgosi Matlala, P.O Box 2749,, South Africa;Thabang Gratitude Makgahlela, P.O Box 2749,, South Africa ~72: Justice Kgosi Matlala;Thabang Gratitude Makgahlela~

2019/04836 ~ Provisional ~54:BLENDER BRUSH CLEANER ~71:Lian Bowen Combrinck, 17 Strandloperlaan, South Africa ~72: Lian Bowen Combrinck~

2019/04839 ~ Provisional ~54:MICROPHONE AND SOUND CONTAINMENT DEVICE ~71:Phylis Sarah Makurunje, 605 100 Jorissen Street, Braamfontein, South Africa ~72: Phylis Sarah Makurunje~

2019/04844 ~ Complete ~54:LOW HEADROOM FLEXIBLE VENTILATION DUCTING AND METHOD OF MANUFACTURING SAME ~71:FB MINING AND LIFTING EQUIPMENT (PTY) LTD., Rustenburg Warehouse Park, 54 Beyers Naude Drive, South Africa ~72: PETTITT, Jeremy;STOKES, Paul~ 33:ZA ~31:2018/05126 ~32:31/07/2018

2019/04850 ~ Complete ~54:THERAPEUTIC REGIMEN FOR THE TREATMENT OF FABRY USING STABILIZED ALPHA-GALACTOSIDASE ~71:PROTALIX LTD., 2 Snunit Street, Science Park, Israel ~72: ALMON, Einat;ALON, Sari;CHERTKOFF, Raul;SHAALTIEL, Yoseph~ 33:US ~31:62/442,537 ~32:05/01/2017

2019/04841 ~ Complete ~54:TOILET SEAT ASSEMBLY, TOILET AND LID ~71:AFRILOO (PROPRIETARY) LIMITED, 11 Steenbok Street, Koedoespoort, Pretoria, 0186, SOUTH AFRICA, South Africa ~72: FOURIE, Lukas Pieter~ 33:ZA ~31:2018/05128 ~32:31/07/2018

2019/04853 ~ Complete ~54:DEMULSIFICATION ADDITIVE COMPOSITION, USE THEREOF, AND METHOD OF DEMULSIFICATION ~71:Dorf Ketal Chemicals (India) Private Limited, Dorf Ketal Tower, D'Monte Street, Orlem, Malad (W), MUMBAI 400 064, MAHARASHTRA, INDIA, India ~72: SUBRAMANIYAM, Mahesh~ 33:IN ~31:201721002955 ~32:25/01/2017

2019/04851 ~ Complete ~54:LOW-VOLTAGE CIRCUIT BREAKER DEVICE ~71:Eaton Intelligent Power Limited, Eaton House, 30 Pembroke Road, DUBLIN 4, IRELAND, Ireland ~72: ASKAN, Kenan~ 33:DE ~31:10 2017 101 452.7 ~32:25/01/2017

2019/04837 ~ Provisional ~54:DOTSCARE TB TREATMENT AND MANAGEMENT SYSTEM ~71:ARLENTECH, 13 Chelsea Complex, Chelsea Crescent, Parklands, South Africa ~72: Timothy Sabwelera~

2019/04840 ~ Complete ~54:A HOLLOW BIOLOGICAL CARBON BALL-BASED NICKEL SULFIDE NANO-ROD SUPER CAPACITOR AND A PREPARATION METHOD OF THE SAME ~71:Qilu University of Technology (Shandong Academy of Sciences), No.3501, Daxue Road, Changqing District, 250353, People's Republic of China ~72: Guo Enyan;Lu Qifang;Ma Chaoqun;Wei Mingzhi;Zhang Xuetao~ 33:CN ~31:201910308283.9 ~32:17/04/2019

2019/04845 ~ Complete ~54:SCREW TRANSPORT APPARATUS FOR BOTTLES AND BOTTLING SYSTEM PROVIDED WITH SUCH AN APPARATUS ~71:MBF S.p.A., Via Nuova Padovana, 3A, I-37040 Veronella, Italy ~72: BOSCARO, Giuliano;TICINELLI, Alessandro~ 33:IT ~31:102018000007725 ~32:01/08/2018

2019/04858 ~ Complete ~54:CATALYST COMPOSITION COMPRISING COLLOIDAL PLATINUM GROUP METAL NANOPARTICLES ~71:BASF CORPORATION, 100 Park Avenue, Florham Park, 07932, New Jersey, United States of America ~72: EMI LEUNG;MICHEL DEEBA;STEPHAN DEUERLEIN;TIAN LUO;YUNLONG GU~ 33:US ~31:62/451,130 ~32:27/01/2017

2019/04859 ~ Complete ~54:STEEL FOR MANUFACTURING A COMPONENT BY HOT FORMING AND USE OF THE COMPONENT ~71:OUTOKUMPU OYJ, Salmisaarenranta 11, 00180 Helsinki, Finland ~72: JASMINKO SKRLEC;STEFAN LINDNER~ 33:EP ~31:17155557.6 ~32:10/02/2017

2019/04842 ~ Complete ~54:TOILET ASSEMBLY ~71:AFRILOO (PROPRIETARY) LIMITED, 11 Steenbok Street, Koedoespoort, Pretoria, 0186, SOUTH AFRICA, South Africa ~72: FOURIE, Lukas Pieter~ 33:ZA ~31:2018/05129 ~32:31/07/2018

2019/04847 ~ Complete ~54:A WATER FUEL ~71:POCOZEST (PTY) LTD T/A CARZEL TECHNOLOGY RESEARCH AND DEVELOPMENT, 4 La Paradise Great Dane Street Garsfontein, Pretoria, 0001, Gauteng, South Africa ~72: CAREL KIRSTEIN;CAREL KIRSTEIN SNR (DECEASED)~ 33:ZA ~31:2018/04992 ~32:25/07/2018

2019/04861 ~ Complete ~54:METHOD FOR MODULATING INFLAMMASOME ACTIVITY AND INFLAMMATION IN THE LUNG ~71:UNIVERSITY OF MIAMI, 1951 NW 7th Avenue Suite 300, Miami, 33136, Florida, United States of America ~72: DALTON DIETRICH;JUAN PABLO DE RIVERO VACCARI;NADINE KERR;ROBERT KEANE;SHU WU~ 33:US ~31:62/440,180 ~32:29/12/2016

2019/04863 ~ Complete ~54:FACILITY FOR EXTENDING EXCLUSIVE HOLD OF A CACHE LINE IN PRIVATE CACHE ~71:INTERNATIONAL BUSINESS MACHINES CORPORATION, New Orchard Road, United States of America ~72: GIAMEI, Bruce Conrad;JACOBI, Christian;ROSA, Daniel;SAPORITO, Anthony;SCHMIDT, Donald William;SHUM, Chung-Lung~ 33:US ~31:15/404,247 ~32:12/01/2017

2019/04838 ~ Provisional ~54:APP-BASED FIELD WORKER MANAGEMENT BIOMETRIC SYSTEM ~71:Legal, Environmental, and Associated Development CC, 596b Musgrave Road, South Africa ~72: STEAD, Wayne Rowlands;TREBBLE, Grant William~

2019/04846 ~ Complete ~54:A FUEL ADDITIVE ~71:POCOZEST (PTY) LTD T/A CARZEL TECHNOLOGY RESEARCH AND DEVELOPMENT, 4 La Paradise Great Dane Street Garsfontein, Pretoria, 0001, Gauteng, South Africa ~72: CAREL KIRSTEIN;CAREL KIRSTEIN SNR (DECEASED)~ 33:ZA ~31:2018/04991 ~32:25/07/2018

2019/04849 ~ Complete ~54:VIDEO LARYNGOSCOPE ACCESSORY FOR A MOBILE COMMUNICATION DEVICE ~71:NEVIN, Nicholas Pearse, P.O. Box 50387, South Africa ~72: CORBETT, Caroline Beth;NEVIN, Nicholas Pearse~ 33:ZA ~31:2017/00001 ~32:03/01/2017;33:ZA ~31:2017/06207 ~32:13/09/2017

2019/04855 ~ Complete ~54:CONTENT STREAMING SYSTEM AND METHOD ~71:LABS.FM (PTY) LTD, 1301 Quayside, 34 Prestwich Street, De Waterkant, South Africa ~72: OAKLEY, Richard John~ 33:ZA ~31:2017/00356 ~32:17/01/2017

2019/04856 ~ Complete ~54:DEFLECTING BEND ~71:GEBERIT INTERNATIONAL AG, Schachenstrasse 77, Switzerland ~72: MEIER, Tobias;WEISS, Rolf~ 33:EP ~31:17154661.7 ~32:03/02/2017

2019/04857 ~ Complete ~54:METHOD AND SYSTEM FOR TRANSPORTING ROCK MATERIAL ~71:EPIROC ROCK DRILLS AKTIEBOLAG, SE-701 91, Örebro, Sweden ~72: JONAS KÖHLSTRÖM;NIKLAS FORS;SVERKER HARTWIG;THORSTEN MICHELFELDER~ 33:SE ~31:1750423-4 ~32:07/04/2017

- APPLIED ON 7/25/2019 -

2019/04888 ~ Complete ~54:BLOCKCHAIN SYSTEM AND DATA STORAGE METHOD AND APPARATUS ~71:ALIBABA GROUP HOLDING LIMITED, Fourth Floor, One Capital Place, P.O. Box 847, George Town, Grand Cayman, Cayman Islands ~72: NING LI~ 33:CN ~31:201710086153.6 ~32:17/02/2017

2019/04891 ~ Complete ~54:NOVEL METHODS FOR PROCESSING LIGNOCELLULOSIC MATERIAL ~71:CMBLU PROJEKT AG, Industriestrasse 19, 63755, Alzenau, Germany ~72: JAN HARTWIG;PETER GEIGLE~ 33:EP ~31:PCT/EP2017/000198 ~32:13/02/2017;33:EP ~31:PCT/EP2017/000463 ~32:07/04/2017;33:EP ~31:PCT/EP2017/001177 ~32:05/10/2017;33:EP ~31:PCT/EP2017/075987 ~32:11/10/2017

2019/04893 ~ Complete ~54:GAS DIFFUSION LAYER ~71:NV BEKAERT SA, Bekaertstraat 2, West Vlaanderen, 8550, Zwevegem, Belgium ~72: DAVY GOOSSENS;JÉRÉMIE DE BAERDEMAEKER;KRIS SYNHAEVE;RUBEN DE BRUYCKER~ 33:EP ~31:17166552.4 ~32:13/04/2017

2019/04894 ~ Complete ~54:BROADCAST CHANNEL ENCODING AND DECODING ~71:QUALCOMM Incorporated, ATTN: International IP Administration, 5775 Morehouse Drive, SAN DIEGO 92121-1714, CA, USA, United States of America ~72: HOU, Jilei;LI, Jian;WEI, Chao;XU, Changlong~ 33:IB ~31:2017/072721 ~32:26/01/2017

2019/04895 ~ Complete ~54:ETHANE-SULFONATE SALT OF QUINOLINE DERIVATIVE ~71:Ono Pharmaceutical Co., Ltd., 1-5, Doshomachi 2-chome, Chuo-ku, OSAKA-SHI 541-8526, OSAKA, JAPAN, Japan ~72: KIJIMA, Hideomi;NEKADO, Takahiro;NISHIYAMA, Toshihiko;ONO, Shizuka~ 33:JP ~31:2017-011835 ~32:26/01/2017

2019/04896 ~ Complete ~54:ACTIVE SUSPENSION CONTROL SYSTEM AND METHOD FOR NO-ROAD VEHICLES ~71:Kelso Technologies Inc., 13966 - 18B Avenue, SURREY V4A 8J1, BRITISH COLUMBIA, CANADA, Canada ~72: WAGER, Gebhard Charles~ 33:CA ~31:2,956,933 ~32:03/02/2017;33:US ~31:62/454,422 ~32:03/02/2017

2019/04875 ~ Provisional ~54:A SATELLITE TELEVISION ANTENNA ~71:Beyond Platinum (Pty) Ltd, Suite 11, Memorial Pavillion, Bidvest Wanderers Stadium, Corlett Drive, Illovo, South Africa ~72: BICK, Anthony Aaron;CONFAIT, Jean-Pierre Julius~

2019/04872 ~ Provisional ~54:ASSET FINANCING SYSTEM AND METHOD ~71:MVELASE, Sibusiso Kenneth, No. 2 Tezula Lifestyle Estate, Uranium Street, Witkoppen, FOURWAYS 2191, Gauteng, SOUTH AFRICA, South Africa ~72: MVELASE, Sibusiso Kenneth~

2019/04877 ~ Complete ~54:HETEROCYCLYLAMINES AS PI3K INHIBITORS ~71:Incyte Holdings Corporation, 1801 Augustine Cut-Off, WILMINGTON 19803, DE, USA, United States of America ~72: COMBS, Andrew

P.;DOUTY, Brent;GLENN, Joseph;HE, Chunhong;LI, Yun-Long;MADUSKUIE Jr, Thomas P.;MEI, Song;SPARKS, Richard B.;YAO, Wenqing;YUE, Eddy W.;ZHU, Wenyu~ 33:US ~31:61/530,866 ~32:02/09/2011;33:US ~31:61/594,882 ~32:03/02/2012;33:US ~31:61/677,445 ~32:30/07/2012

2019/04897 ~ Complete ~54:3-BETA-HYDROXY-5-ALPHA-PREGNAN-20-ONE FOR USE IN MEDICAL TREATMENT ~71:Asarina Pharma AB, Fogdevreten 2, SOLNA 171 65 , SWEDEN, Sweden ~72: BÄCKSTRÖM, Torbjörn~ 33:SE ~31:1750125-5 ~32:10/02/2017;33:SE ~31:1751222-9 ~32:03/10/2017

2019/04878 ~ Complete ~54:METHOD OF CONTROLLING THE POSITION OF A SUBMERGED INJECTOR ~71:TENOVA SOUTH AFRICA (PTY) LTD, 96 Loper Avenue, Aeroport Spartan, Johannesburg, 1643, Gauteng, South Africa ~72: BRETT JOHN FRANCIS;HUGO JOUBERT;MARTIN LLUIS BAKKER;SEAN STRYDOM;STANKO NIKOLIC;STEPHEN GWYNN-JONES~ 33:ZA ~31:2018/04264 ~32:26/06/2018

2019/04886 ~ Complete ~54:ACHIEVING CONSENSUS AMONG NETWORK NODES IN A DISTRIBUTED SYSTEM ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: LIN, Peng~

2019/04866 ~ Provisional ~54:AUTOMATIC POOL CLEANER COVERAGE ENHANCING ACCESSORY ~71:KENNETH LEWIS HAWKSWORTH, 24 Houtkapper Street, Birchleigh, South Africa ~72: KENNETH LEWIS HAWKSWORTH~

2019/04869 ~ Provisional ~54:WATER TREATMENT ~71:Oxidane (Pty) Ltd., Fisantezicht, Francis Albert Avenue, DURBANVILLE, Cape Town 7550, Western Cape, SOUTH AFRICA, South Africa ~72: DAVIS, Grant Nicolas~

2019/04871 ~ Provisional ~54:MEDICAL HISTORY PROCESSING SYSTEM AND METHOD FOR INSURANCE UNDERWRITING PURPOSES ~71:TERBLANCHE, Kurt, 11A Blackenfen Crescent, Bryanston, JOHANNESBURG 2191, Gauteng, SOUTH AFRICA, South Africa ~72: TERBLANCHE, Kurt~

2019/04879 ~ Complete ~54:MOBILE DEVICE INTERACTION SECURITY ~71:MASTERCARD ASIA/PACIFIC PTE. LTD., 3 Fraser Street, #17-21/28, DUO Tower, Singapore ~72: PAUL SELIBAS~ 33:GB ~31:1812672.2 ~32:03/08/2018

2019/04881 ~ Complete ~54:CATALYST COMPOSITIONS AND THEIR USE IN AROMATIC ALKYLATION PROCESSES ~71:EXXONMOBIL CHEMICAL PATENTS INC., 5200 Bayway Drive, Baytown, United States of America ~72: IDE, Matthew, S.;JOHNSON, Ivy, D.;LAI, Wenyih, F.;LEVIN, Doron;LOVELESS, Brett, T.;WEIGEL, Scott, J.~ 33:US ~31:62/464,713 ~32:28/02/2017;33:EP ~31:17169516.6 ~32:04/05/2017

2019/04887 ~ Complete ~54:VISUAL BLOCKCHAIN BROWSER ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: LI, Yanpeng~

2019/04889 ~ Complete ~54:HERPES ZOSTER VACCINE COMPOSITION ~71:INFECTIOUS DISEASE RESEARCH INSTITUTE (IDRI), 1616 Eastlake Ave. E., Suite 400, Seattle, 98102, Washington, United States of America;MOGAM INSTITUTE FOR BIOMEDICAL RESEARCH, 93, Ihyeon-ro 30beon-gil, Giheung-gu, Yongin-si, Gyeonggi-do, 16924, Republic of Korea ~72: DUCK HYANG SHIN;EUN MI KIM;HYO JUNG NAM;KANG IL YOO;STEVEN G REED;SUNG JUN HONG~ 33:KR ~31:10-2016-0178793 ~32:26/12/2016;33:KR ~31:10-2017-0176122 ~32:20/12/2017

2019/04867 ~ Provisional ~54:AN ADAPTOR ASSEMBLY FOR A MANHOLE-TYPE ACCESS SYSTEM, AND SUCH AN ACCESS SYSTEM ~71:SMART LOCKING LOGIC (PTY) LTD, 87 Regency Drive, Route 21 Corporate

Park, IRENE, CENTURION 0157, Gauteng, SOUTH AFRICA, South Africa ~72: DEARLING, Fabio;OLIVIER, Johan;SCOTT, Andrew Ernest~

2019/04868 ~ Provisional ~54:MAKE-UP PROTECTOR ~71:JANSEN, Britt, CNR TRICHARDTS AND WATERMEYER STREET, UNIT 5, FAIRVIEW PLACE, PARKRAND, BOKSBURG, South Africa ~72: JANSEN, Britt~

2019/04873 ~ Provisional ~54:WATER AND SEWERAGE TOILET MISTER SYSTEM ~71:Andile Sityata, 42 Uitenhage, South Africa ~72: Andile~

2019/04876 ~ Complete ~54:COMBINATIONS OF A H3 ANTAGONIST AND A NORADRENALINE REUPTAKE INHIBITOR, AND THE THERAPEUTICAL USES THEREOF ~71:BIOPROJET, 30, rue des Francs Bourgeois, France ~72: LANDAIS, Laurent;LECOMTE, Jeanne;LIGNEAU, Xavier;PERRIN, David;SCHWARTZ, Jean Charles~ 33:EP ~31:18306017.7 ~32:27/07/2018

2019/04870 ~ Provisional ~54:SOCCER BOARD GAME ~71:World Table Sport (Pty) Ltd., 6 Mackenzie Road, Simmerfield, GERMISTON 1417, Gauteng, SOUTH AFRICA, South Africa ~72: GRIGGS, Terrance Edward~

2019/04874 ~ Provisional ~54:CANOPY LIFT SYSTEM AND TENT ~71:Luke Croker, Unit 11 The Meat Factory , Mowbray Road , Maitland , Cape Town 7405, South Africa ~72: Luke Markham Croker~

2019/04880 ~ Complete ~54:AN ELECTRIC TELEHANDLER ~71:MANITOU ITALIA S.R.L., Via Cristoforo Colombo, 2 - Località Cavazzona, 41013, Castelfranco Emilia (Modena), Italy ~72: MARCO IOTTI~ 33:IT ~31:102018000007590 ~32:27/07/2018;33:IT ~31:102019000004917 ~32:02/04/2019

2019/04882 ~ Complete ~54:MAGNETIC SEPARATOR ~71:LOESCHE GMBH, Hansaallee 243, Germany ~72: André BÄTZ;Andreas SCHIFFERS;Carsten GEROLD~

2019/04883 ~ Complete ~54:NOVEL VEGFR-2 TARGETING IMMUNOTHERAPY APPROACH ~71:VAXIMM AG, Hochbergerstrasse 60c, Switzerland ~72: LUBENAU, Heinz~ 33:EP ~31:17156718.3 ~32:17/02/2017

2019/04884 ~ Complete ~54:PROCESSES FOR PREPARING AG-10, ITS INTERMEDIATES, AND SALTS THEREOF ~71:EIDOS THERAPEUTICS, INC., 101 Montgomery Street, 25th Floor, United States of America ~72: ALHAMADSHEH, Mamoun;CHAND, Pooran;GUPTA, Yogesh Kumar;KUMAWAT, Rakesh Kumar;ZAMBONI, Robert~ 33:US ~31:62/460,576 ~32:17/02/2017

2019/04890 ~ Complete ~54:CONE CRUSHING MACHINE AND CRUSHING METHOD USING SUCH A MACHINE ~71:FIVES FCB, 50 Rue de Ticleni, 59650, Villeneuve D'ascq, France;FIVES SOLIOS, Parc les Erables Bât. 4 66 route de Sartrouville, 78230, Le Pecq, France ~72: JÉRÔME PORTAL~ 33:FR ~31:17 51554 ~32:27/02/2017

2019/04892 ~ Complete ~54:ACCESS CONTROL RELATED METHOD, BASE STATION AND USER EQUIPMENT ~71:FG INNOVATION COMPANY LIMITED, Flat 2623, 26/F Tuen Mun Central Square, 22 Hoi Wing Road, Tuen Mun, New Territories, Hong Kong;SHARP KABUSHIKI KAISHA, 1, Takumi-cho Sakai-ku Sakai City, Osaka, 5908522, Japan ~72: CHONGMING ZHANG;FANGYING XIAO;NINGJUAN CHANG;RENMAO LIU~ 33:CN ~31:201710012256.8 ~32:06/01/2017

2019/04885 ~ Complete ~54:METHOD FOR INCREASING CONTENT OF MOGROSIDE V IN SIRAITIA GROSVENORII SUSPENDED CELLS ~71:GUILIN LAYN NATURAL INGREDIENTS CORP, No. 19 Renmin South Road, Lin'gui District, People's Republic of China ~72: GUO, Meijin;LI, Jiarui;LI, Yuanyuan;SONG, Yunfei;WANG, Zejian;YANG, Wenguo;ZHUANG, Yingping~

- APPLIED ON 7/26/2019 -

2019/04914 ~ Complete ~54:APPLICATION OF DRY HYDROGEN PEROXIDE (DHP) GAS TO METHODS OF POULTRY PRODUCTION ~71:SYNEXIS LLC, 8837 Lenexa Drive, Overland Park, Kansas, United States of America ~72: LEE, James D.;STEPHENS, James, Russell~ 33:US ~31:62/444,180 ~32:09/01/2017

2019/04916 ~ Complete ~54:METHOD AND APPARATUS FOR WRITING SERVICE DATA INTO BLOCK CHAIN AND METHOD FOR DETERMINING SERVICE SUBSET ~71:ALIBABA GROUP HOLDING LIMITED, Fourth Floor, One Capital Place, P.O. Box 847, George Town, Grand Cayman, Cayman Islands ~72: HONGLIN QIU~ 33:CN ~31:201710116539.7 ~32:28/02/2017

2019/04917 ~ Complete ~54:COMPOSITION COMPRISING IMMEDIATE RELEASE AND EXTENDED RELEASE CAPECITABINE ~71:INTAS PHARMACEUTICALS LTD., Corporate House, Near Sola Bridge S. G. Highway, Thaltej, Ahmedabad - 380054, Gujarat, India., Ahmedabad, 380054, India ~72: ASHISH SEHGAL;KASHYAP GANDHI;MANISHKUMAR CHAUHAN;MANISHKUMAR PATEL;PIYUSH PATEL~ 33:IN ~31:201721004194 ~32:06/02/2017

2019/04920 ~ Complete ~54:QUINAZOLINE COMPOUND ~71:ASTELLAS PHARMA INC., 5-1, Nihonbashi-Honcho 2-chome Chuo-ku, Tokyo, 103-8411, Japan ~72: ITSURO SHIMADA;KAZUSHI WATANABE;KAZUYUKI KURAMOTO;KEISUKE ARAKAWA;MASASHI SHIMAZAKI;MICHINORI AKAIWA;SHIGEKI KUNIKAWA;SUSUMU YAMAKI;TAKAHIRO NIGAWARA;TAKANOBU ARAKI;TAKANORI KOIKE;TOMOAKI ABE;TOMOYOSHI IMAIZUMI;YOSHIKI SATAKE~ 33:JP ~31:2017-017266 ~32:02/02/2017;33:JP ~31:2017-143607 ~32:25/07/2017

2019/04913 ~ Complete ~54:AEROSOL¿GENERATING SYSTEM WITH OVERHEATING PREVENTION ~71:PHILIP MORRIS PRODUCTS S.A., Quai Jeanrenaud 3, Switzerland ~72: BILAT, Stephane;COLOTTE, Guillaume~ 33:EP ~31:17166852.8 ~32:18/04/2017

2019/04922 ~ Complete ~54:UREA PROCESS WITH CONTROLLED EXCESS OF CO2 AND/OR NH3 ~71:HALDOR TOPSØE A/S, Haldor Topsøes Allé 1, 2800, Kgs. Lyngby, Denmark ~72: ANNETTE E KRØLL JENSEN;CHRISTIAN HENRIK SPETH;MARCUS SYMRENG;NIELS CHRISTIAN SCHJØDT;PER JUUL DAHL~ 33:DK ~31:PA 2017 00159 ~32:07/03/2017

2019/04932 ~ Complete ~54:TECHNIQUES AND APPARATUSES FOR CHANNEL INTERFERENCE REDUCTION ~71:QUALCOMM Incorporated, ATTN: International IP Administration, 5775 Morehouse Drive, SAN DIEGO 92121-1714, CA, USA, United States of America ~72: BHATTAD, Kapil;CHEN, Wanshi;GAAL, Peter;MONTOJO, Juan;RICO ALVARINO, Alberto;WANG, Xiao Feng~ 33:IN ~31:201741003102 ~32:27/01/2017;33:US ~31:62/458,353 ~32:13/02/2017;33:US ~31:62/459,409 ~32:15/02/2017;33:US ~31:15/661,860 ~32:27/07/2017

2019/04935 ~ Complete ~54:NRF2 ACTIVATOR ~71:Biogen MA Inc., 225 Binney Street, CAMBRIDGE 02142, MA, USA, United States of America ~72: CAPACCI, Andrew George;CHEN, TeYu;ENYEDY, Istvan;JONES, John H.;LIN, Edward Yin-Shiang;LUCAS, Brian Stuart;VAN VLOTEN, Kurt D.;XIN, Zhili~ 33:US ~31:62/439,289 ~32:27/12/2016

2019/04907 ~ Provisional ~54:UNO APP ~71:LANGA NDLOVU, 206 VON WILLICH AVENUE, South Africa ~72: LANGA NDLOVU~

2019/04919 ~ Complete ~54:DYNAMIC INDICATION FOR CHANNEL STATE INFORMATION FEEDBACK ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), , SE-164 83, Stockholm, Sweden ~72: MATTIAS

FRENNE;ROBERT MARK HARRISON;SHIWEI GAO;SIVA MURUGANATHAN;STEPHEN GRANT~ 33:US ~31:62/455,350 ~32:06/02/2017;33:US ~31:62/455,524 ~32:06/02/2017

2019/04926 ~ Complete ~54:DATA TRANSMISSION METHOD AND APPARATUS ~71:Huawei Technologies Co., Ltd., Huawei Administration Building, Bantian, Longgang District, SHENZHEN 518129, GUANGDONG, CHINA (P.R.C.), People's Republic of China ~72: GUAN, Lei;MA, Sha~ 33:CN ~31:201710014619.1 ~32:07/01/2017;33:CN ~31:201710170033.4 ~32:21/03/2017

2019/04931 ~ Complete ~54:GEL COMPRISING A LIQUID COPRODUCT FROM AGRO-INDUSTRY AND USE THEREOF FOR REARING INSECTS ~71:Ynsect, 1 Rue Pierre Fontaine, EVRY CEDEX 91058, FRANCE, France ~72: BEREZINA, Nathalie;BERRO, Fabrice;BOUZIANE, Myriem;CLESSE, Loïc;COMPARAT, Solene;DU JONCHAY, Thibault;LEFEBVRE, Thomas;LORRETTE, Benedicte;PEYRICHOU, Fanny~ 33:FR ~31:1663523 ~32:29/12/2016

2019/04933 ~ Complete ~54:APPARATUS, METHOD, AND SYSTEM FOR ALIGNMENT OF 3D DATASETS ~71:UCL Business PLC, The Network Building, 97 Tottenham Court Road, LONDON W1T 4TP , GREATER LONDON, UNITED KINGDOM, United Kingdom ~72: SELVIAH, David R.;WILLMAN, Eero~ 33:GB ~31:1701383.0 ~32:27/01/2017

2019/04937 ~ Complete ~54:SELECTORS FOR NOZZLES AND MEMORY ELEMENTS ~71:Hewlett-Packard Development Company, L.P., 10300 Energy Drive, SPRING 77389, TX, USA, United States of America ~72: HALL, Brendan;NG, Boon Bing;PAN, Rui;SUDHAKAR, Mohan Kumar~

2019/04938 ~ Provisional ~54:AMBIDEXTEROUS VARIABLE ANGLES GOLF CLUB ~71:JOSEPH NTHIKENG LETSOALO, 7 MILFORD ROAD, UNIT 11, DOUGLASDALE,, South Africa ~72: JOSEPH NTHIKENG LETSOALO~

2019/04909 ~ Complete ~54:ALKYLATED CYCLODEXTRIN COMPOSITIONS AND PROCESSES FOR PREPARING AND USING THE SAME ~71:CYDEX PHARMACEUTICALS, INC., 11119 North Torrey Pines Road, LA JOLLA 92037, CARLIFONIA, USA, United States of America ~72: ANTLE, Vincent D.;LOPES, Álvaro;MONTEIRO, Daniel~ 33:US ~31:61/716,819 ~32:22/10/2012;33:US ~31:61/871,234 ~32:28/08/2013

2019/04900 ~ Provisional ~54:CYCLING NUMBER BOARD BRACKET ~71:Hendrik Steytler, 11 Silvermist, , 1130 Libertas Avenue , Equestria , Pretoria , 0184, South Africa ~72: Dieter Zermatten~

2019/04906 ~ Provisional ~54:EXE ~71:Li8erti3, 3850 Ratsuru Road , Braamfischerville Phase 1 , Soweto , 1875, South Africa ~72: Nkululeko Mthembu~

2019/04911 ~ Complete ~54:A WALNUT PEELING METHOD ~71:Qilu University of Technology (Shandong Academy of Sciences), No.3501, Daxue Road, Changqing District, 250353, People's Republic of China;Shandong Agriculture and Engineering University, No.866, Nongganyuan Road, Licheng District, 250100, People's Republic of China ~72: Chen Qingmin;Fu Maorun;Jiang Haihui;Sun Fei;Yu Mei~ 33:CN ~31:201811159450.X ~32:30/09/2018

2019/04915 ~ Complete ~54:SYSTEMS AND METHODS FOR DAMAGE DETECTION ~71:BELRON INTERNATIONAL LIMITED, Milton Park, Stroude Road, Egham, United Kingdom ~72: DAVIES, Christopher;FRANCIS, Kelly~ 33:GB ~31:1701924.1 ~32:06/02/2017

2019/04925 ~ Complete ~54:PERFORMING A RECOVERY PROCESS FOR A NETWORK NODE IN A DISTRIBUTED SYSTEM ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: LIN, Peng~

2019/04927 ~ Complete ~54:NOVEL PLANT CELLS, PLANTS, AND SEEDS ~71:Inari Agriculture, Inc., One Kendall Square, Building 600/700, Suite 7-501, CAMBRIDGE 02139, MA, USA, United States of America ~72: CASEY Jr., John P.;KOCK, Michael Andreas;NIU, Yajie;SHULTZ, Randall William;UNSON, Maria Margarita D.~ 33:US ~31:62/451,708 ~32:28/01/2017;33:US ~31:62/451,710 ~32:28/01/2017;33:US ~31:62/452,610 ~32:31/01/2017;33:US ~31:62/477,244 ~32:27/03/2017;33:US ~31:62/480,989 ~32:03/04/2017;33:US ~31:62/510,645 ~32:24/05/2017;33:US ~31:62/523,675 ~32:22/06/2017;33:US ~31:62/530,495 ~32:10/07/2017;33:US ~31:62/530,839 ~32:10/07/2017;33:US ~31:62/531,305 ~32:11/07/2017

2019/04930 ~ Complete ~54:METHOD FOR SUPPPLYING WATER IN THE REARING OF LIVESTOCK AND DEVICE FOR PRODUCING BLOCKS OF AN AQUEOUS GEL ~71:Ynsect, 1 Rue Pierre Fontaine, EVRY CEDEX 91058, FRANCE, France ~72: BEREZINA, Nathalie;BERRO, Fabrice;CLESSE, Loïc;COMPARAT, Solene;DU JONCHAY, Thibault;LEFEBVRE, Thomas~ 33:FR ~31:1663522 ~32:29/12/2016

2019/04934 ~ Complete ~54:OFF-CHAIN SMART CONTRACT SERVICE BASED ON TRUSTED EXECUTION ENVIRONMENT ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: LIN, Li;QIU, Honglin;SONG, Xuyang;YAN, Ying;ZHAO, Boran~

2019/04936 ~ Complete ~54:BLOCKCHAIN DATA PROTECTION BASED ON GENERIC ACCOUNT MODEL AND HOMOMORPHIC ENCRYPTION ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: MA, Baoli;MA, Huanyu;ZHANG, Wenbin~

2019/04918 ~ Complete ~54:IMPROVED ANTIBODY-COUPLED T CELL RECEPTOR CONSTRUCTS AND THERAPEUTIC USES THEREOF ~71:UNUM THERAPEUTICS INC., 200 Cambridge Park Drive, Suite 3100, Cambridge, 02140, Massachusetts, United States of America ~72: BIRGIT SCHULTES;GREGORY MOTZ;JAMES HEMPHILL;JAMES KIM;KATHLEEN MCGINNESS;MICHAEL FRAY;TAYLOR HICKMAN;TOOBA CHEEMA~ 33:US ~31:62/451,992 ~32:30/01/2017;33:US ~31:62/578,429 ~32:28/10/2017

2019/04923 ~ Complete ~54:FUND REQUIREMENT HANDLING SERVICE PROVIDING SYSTEM, METHOD FOR SAME, OPERATOR SERVER, AND PROGRAM ~71:FTS Kabushiki Kaisha, 8-2, Tomigaya 2-chome, Shibuya-ku, TOKYO 1510063, JAPAN, Japan ~72: Matsuda, Yutaro~ 33:JP ~31:2016-254858 ~32:28/12/2016

2019/04924 ~ Complete ~54:IMMUNOMODULATORY THERAPEUTIC MRNA COMPOSITIONS ENCODING ACTIVATING ONCOGENE MUTATION PEPTIDES ~71:ModernaTX, Inc., 200 Technology Square, CAMBRIDGE 02139, MA, USA, United States of America ~72: HUANG, Eric Yi-Chun;IACOVELLI, Jared;MCKINNEY, Kristine;TSE, Sze-Wah;VALIANTE, Nicholas~ 33:US ~31:62/453,465 ~32:01/02/2017;33:US ~31:62/467,063 ~32:03/03/2017;33:US ~31:62/490,523 ~32:26/04/2017;33:US ~31:62/541,571 ~32:04/08/2017

2019/04928 ~ Complete ~54:DATA ISOLATION IN A BLOCKCHAIN NETWORK ~71:Alibaba Group Holding Limited, Fourth Floor, One Capital Place, P.O. Box 847, GEORGE TOWN KY1-1103, GRAND CAYMAN, CAYMAN ISLANDS, Cayman Islands ~72: SHEN, Chao;ZHANG, Wenbin~

2019/04929 ~ Complete ~54:METALLOENZYME INHIBITOR COMPOUNDS ~71:Selenity Therapeutics (Bermuda), Ltd., Clarendon House, 2 Church Street, HAMILTON HM 11, BERMUDA, Bermuda ~72: HOEKSTRA, William J.;SHAVER, Sammy R.;SPARKS, Steven;YATES, Christopher M.~ 33:US ~31:62/440,181 ~32:29/12/2016

2019/04899 ~ Provisional ~54:TDGLOBALMART SERVICE DIRECTORY ~71:Thulani Dube, 45 Madison Palms East, 112 North Road, South Africa ~72: Thulani Dube~

2019/04901 ~ Provisional ~54:FOCUSED ANALYTICS & DYNAMIC SENSORY THERMAL MONITORING SYSTEM FOR ELECTRO WINNING TANK HOUSES ~71:Allan Maskew, 6 Delphi St , Eastgate Ext 11 , Sandton , Johannesburg, South Africa ~72: Allan Maskew~

2019/04902 ~ Provisional ~54:MINE PLUG ~71:NORTJE, Frank Wilberforce, Rietspruit Smallholding No. 3, South Africa ~72: NORTJE, Frank Wilberforce~

2019/04905 ~ Provisional ~54:VENTILATION DUCT ~71:TERRAVENT (PTY) LTD, 965 Duncan Street, Brooklyn, South Africa ~72: VAN SCHOOR, Martin John~

2019/04912 ~ Complete ~54:PROCESS FOR SPINNING AND/OR TWISTING YARNS, MACHINE FOR SPINNING AND/OR TWISTING YARNS AND METHOD TO TRANSFORM A MACHINE FOR SPINNING AND/OR TWISTING YARNS ~71:CASUMCONI, S.L., C/.de Dalt nº 20, Spain;TWISTPERFECT, S.L., C/. Ramón Llull nº 61, Spain ~72: GALAN LLONGUERAS, Albert;GALAN LLONGUERAS, Jordi~ 33:ES ~31:P201631732 ~32:30/12/2016;33:ES ~31:P201730352 ~32:16/03/2017

2019/04903 ~ Provisional ~54:SEBENZA ZA MOBILE APPLICATION ~71:Tshepo E K Mofokeng, 1420 Legwale Street, South Africa ~72: Tshepo E K Mofokeng~

2019/04908 ~ Complete ~54:FACILITATING THE RECORDING AND MONITORING OF SECURITY GUARD ACTIVITY ~71:FEUKEU, Etienne Alain, 307 Lampropoulos Heights, 232 Esselen Street, SUNNYSIDE, PRETORIA 0002, Gauteng, SOUTH AFRICA, South Africa ~72: FEUKEU, Etienne Alain~ 33:ZA ~31:2018/03501 ~32:28/05/2018

2019/04921 ~ Complete ~54:FITTING ELEMENT FOR USE IN REHABILITATION OF PIPELINES AND METHOD FOR PRODUCING THE SAME ~71:MOCS BEHEER B.V., Molengraaffsingel 12, 2629, JD Delft, Netherlands ~72: ANANDE BERGMAN;DEAN BAGGEN;PETER MADLENER;WOUTER ALBERT ARIE RIEDIJK~ 33:NL ~31:2018224 ~32:24/01/2017

2019/04904 ~ Provisional ~54:A LIFTING APPARATUS ~71:REFUTECH (PTY) LTD., UNIT NO 3, 10 AXLE DRIVE, CLAYVILLE X 4, OLIFANTSFONTEIN 1666, South Africa ~72: MEINTJIES, van der Merwe, Willem, Schalk;SCHULENBURG, Heinrich, Dietrich, Wilhelm~

2019/04910 ~ Complete ~54:A KIND OF LOW-SUGAR NON-FRIED FLAVOR WALNUT KERNEL AND A PREPARATION METHOD THEREOF ~71:Qilu University of Technology (Shandong Academy of Sciences), No.3501, Daxue Road, Changqing District, 250353, People's Republic of China;Shandong Agriculture and Engineering University, No.866, Nongganyuan Road, Licheng District, 250100, People's Republic of China ~72: Chen Qingmin;Fu Maorun;Jiang Haihui;Sun Fei;Yu Mei~ 33:CN ~31:201810999039.7 ~32:30/08/2018

INSPECTION OF SPECIFICATIONS

A complete specification may, after acceptance is advertised, be inspected during office hours at the Patent Office, Pretoria, at a charge of **R4, 00.** Please note, that in terms of section 43 (3) if the acceptance of an application which claims priority in terms of section 31 (1) (c) is not published in terms of section 42 within 18 months from the earliest priority claimed from the relevant application in a convention country, it shall be opened to public inspection after the expiration of 18 months from the earliest priority so claimed.

COPIES OF DOCUMENTS

The Patent Office, Private Bag X400, Pretoria, supplies copies of all patent and trade mark documents at the following rate:
Photocopies: **R1, 00 per page**
(Payment to be affected by means of revenue stamps only.)

COMPLETE SPECIFICATIONS ACCEPTED AND ABRIDGEMENTS OR ABSTRACTS THEREOF

Complete specifications in respect of the under mentioned applications for letters Patent have been accepted by the Registrar of Patents.

THE PATENTS ACT, 1978 (ACT NO. 57 OF 1978)

In terms of section 42 (b) of the Patents Act, 1978, a patent shall be deemed to have been sealed and granted as from the date of publication of the acceptance.
The numerical references denote the following: **(21)** Number of application. **(22)** Date of application. **(DA)** Date of acceptance. **(51)** Class. **(71)** Name of applicant(s). **(72)** Name of all inventors. **(33)** Country. **(31)** Number and **(32)** Date of convention application. **(54)** Title of invention. **(00)** Number of sheets.

Registrar of Patents

21: 2010/08602. 22: 2010/11/30. 43: 2019/05/09
51: F04B; F04D
71: Weir Minerals Australia Ltd
72: SMITH, Glenn Raymond, FOREMAN, Michael Christopher
33: AU 31: 2008903030 32: 2008-06-13
54: A PUMP HOUSING SUPPORT
00: -
A pump housing support for use in a pump assembly, the pump assembly including a plurality of component parts which include a seal housing, a drive shaft having a rotation axis, an impeller and a pump housing, the pump housing which includes a main liner. The pump housing support comprises: a base and a mounting member which includes a body portion to which a part of the pump housing can be mounted and a locating flange extending therefrom, the locating flange having first and second locating surfaces on opposing sides thereof, wherein the main liner is located on the first locating surface and the seal housing is located on the second locating surface.

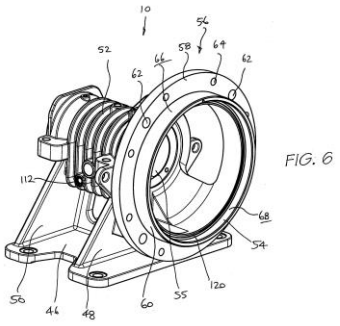


FIG. 6

21: 2011/07634. 22: 2011/10/18. 43: 2019/05/02
51: B02C
71: WOZNY, Scott Anthony
72: WOZNY, Scott Anthony
33: US 31: 61/180,841 32: 2009-05-23
54: HARD DRIVE DESTRUCTION SYSTEM
00: -
A system for destroying a memory device (e.g., a hard drive) having data stored thereon. The system has a grind chamber with a rotatable grind wheel positioned therein. A pressure arm presses the memory device against the grind wheel as the grind wheel rotates. The rotating grind wheel grinds the memory device into particles from which the data stored on the memory device cannot be recovered. The particles are collected in a receptacle adjacent the grind wheel. The system may include a plurality of guides configured to maintain the memory device in a substantially stationary position relative to the pressure arm as the grind wheel grinds the memory device into particles.

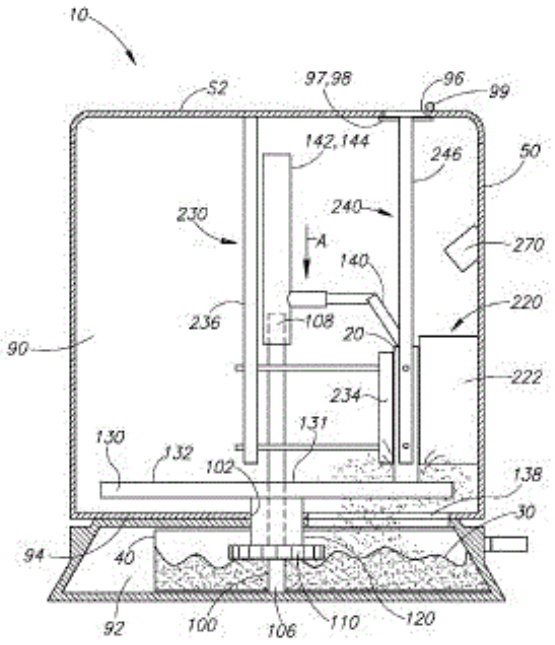


FIG.9

21: 2011/08341. 22: 2011/11/14. 43: 2019/05/07
51: A61K; A61P
71: BIOTEST AG, IMMUNOGEN, INC.
72: BRUECHER, Christoph, DAELKEN, Benjamin, OSTERROTH, Frank, UHEREK, Christoph, AIGNER, Silke, ENGLING, André, HAEDER, Thomas, WARTENBERG-DEMAND, Andrea, NIEMANN, Gabriele, ZUBER, Chantal, CZELOTH, Niklas, ZENG, Steffen, SCHULZ, Gregor
33: US 31: 61/259,430 32: 2009-11-09
33: US 31: 61/176,069 32: 2009-05-06
54: USES OF IMMUNOCONJUGATES TARGETING CD138
00: -
Disclosed are methods and treatment regimes that include the administration of immunconjugates targeting CD138 to combat diseases. The immunoconjugate is either used as the sole active ingredient, as part of a treatment regime or as part of an anticancer combination.

21: 2012/00370. 22: 2012/01/17. 43: 2019/05/14
51: A61K; C07K
71: Bionor Immuno AS
72: GRØNVOLD, Maja Sommerfelt, DALGLEISH, Angus, LANGE, Einar Tønnes, HOLMBERG, Jens Olof, BENGTSSON, Per, SØRENSEN, Birger
33: EP(NO) 31: 09164565.5 32: 2009-07-03
54: HIV RELATED PEPTIDES COMBINATION OR FUSION FOR USE IN HIV VACCINE COMPOSITION OR AS DIAGNOSTIC MEANS
00: -
Disclosed is a method for treatment of HIV related diseases comprising targeting complexes between on the one hand the C5 domain of gpl20 and on the other hand gp41 or the C2 domain of gpl20. The complexes may be stabilised by administering compounds, such as antibodies, capable of directly interacting with and stabilising the complex, or by immunizing with C5 and gp41/C2 derived material so as to induce antibodies that bind to and stabilise the complex.

21: 2012/01721. 22: 2012/03/08. 43: 2019/05/16
51: G06Q; G06F
71: Mimecast Services Ltd.
72: SCOTT-COWLEY ORLANDO, BORENSTEIN NATHANIEL S
33: US 31: 13/044,842 32: 2011-03-10
54: ENHANCING COMMUNICATION
00: -
Among other things, from content of a communication composed by a user, a strategy is inferred for selecting target information related to the content. The strategy is used to select target information from a body of target information. And information about the selected target information is reported to the user.

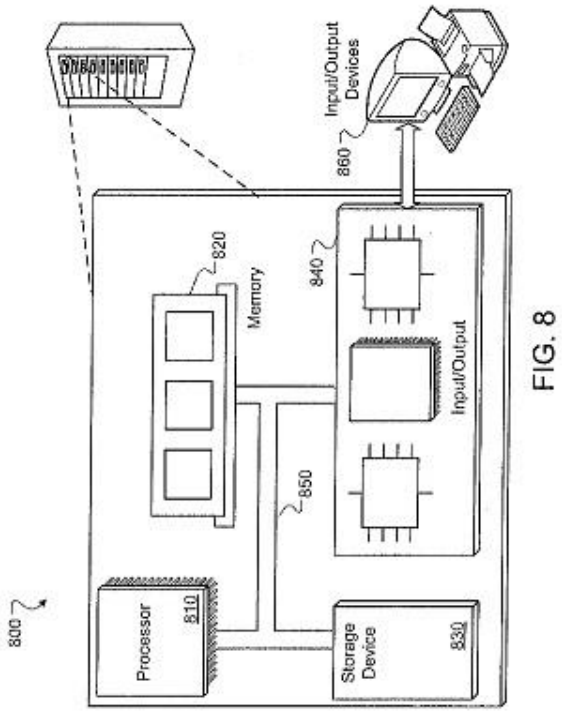
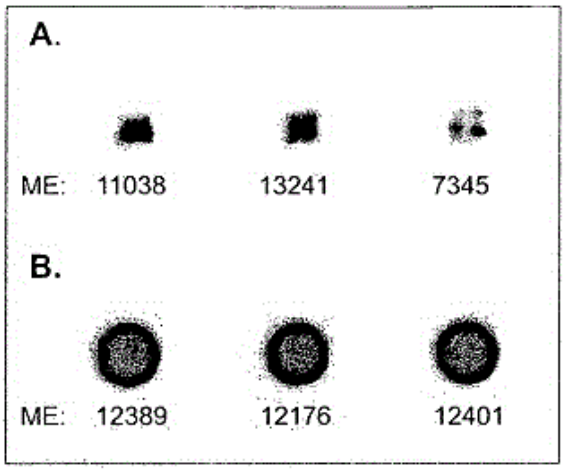


FIG. 8

21: 2012/07935. 22: 2011/04/13. 43: 2019/05/14
51: G01N
71: M-LAB GMBH
72: GRUS, FRANZ, BOEHM, NILS, PFEIFFER, NORBERT, BELL, KATHARINA
33: US 31: 61/342,363 32: 2010-04-13
54: DIAGNOSTIC METHODS FOR GLAUCOMA
00: -
The invention concerns a first diagnostic method for glaucoma based on an analysis of autoimmune reactivity in body fluids against at least one sample of at least partially purified ocular antigens, wherein the autoimmune reactivity against individual antigens is measured and transformed into a glaucoma score to determine the diagnostic result. Further aspects of the invention include antigen carrying elements carrying at least one sample of the at least partially purified ocular antigens and kits for diagnosis of glaucoma. Further aspects include methods of collecting a body fluid such as tears for the use in the diagnostic method for glaucoma. Yet further aspects include ocular antigens serving as diagnostic markers and/or for preparing pharmaceutical compositions for treatment of glaucoma. The invention further concerns a second diagnostic method for glaucoma comprising the steps of a) providing an in vitro culture of cells; b) incubating a body fluid from a test individual with the in vitro culture of cells or incubating components, which are fractionated from the body fluid or from a body specimen of the test individual with the in vitro culture of cells; c) analyzing protein expression of the cells and/or analyzing the viability of the cells after treatment according to step b); and d) comparing the results of the analysis in step c) with standard data to determine a diagnostic result.

Figure 1:



21: 2013/00193. 22: 2013/01/08. 43: 2019/05/17
51: C07D
71: Salix Pharmaceuticals, Ltd.
72: SELBO, Jon, TENG, Jing, KABIR, Mohammed A., GOLDEN, Pam
33: US 31: 61/363,609 32: 2010-07-12
54: FORMULATIONS OF RIFAXIMIN AND USES THEREOF
00: -
The present invention relates to new rifaximin forms comprising solid dispersions of rifaximin, methods of making same and to their use in medicinal preparations and therapeutic methods.

Chemical structure of Rifaximin

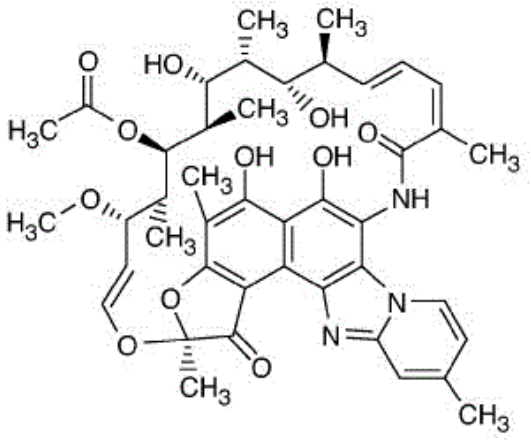


Fig. 1

21: 2013/01463. 22: 2013/02/26. 43: 2019/05/24
51: A61K
71: Craun Research Sdn Bhd
72: PHANG, Nyie Lin, ABDULLAH, Zaliha Christine
33: MY 31: PI 2010004411 32: 2010-09-22
54: PHARMACEUTICAL COMPOSITIONS FOR CALANOLIDES, THEIR DERIVATIVES AND ANALOGUES, AND PROCESS FOR PRODUCING THE SAME
00: -
The present invention relates to pharmaceutical compositions of calanolides, their derivatives and analogues, and process for producing the same having enhanced solubility and bioavailability for oral or parenteral administration. The invention further provides for a method of using the disclosed compositions for the treatment and prevention of retroviral diseases such as human immunodeficiency, specifically HTV-1 and mycobacterial diseases especially tuberculosis infections in mammals, particularly humans.

21: 2013/04858. 22: 2013/06/28. 43: 2019/05/24
51: A01N; A01P
71: Bayer Cropscience Aktiengesellschaft
72: HUNGENBERG, Heike, RIECK, Heiko, MASTERS, Robert
33: EP(DE) 31: 10193335.6 32: 2010-12-01
54: ACTIVE INGREDIENT COMBINATIONS COMPRISING PYRIDYLETHYLBENZAMIDES AND OTHER ACTIVE INGREDIENTS
00: -
The present invention relates to novel active ingredient combinations which consist of fluopyram and other known active ingredients and are very well suited for the control of animal pests, such as insects and/or unwanted acarids and/or nematodes, in foliar and soil application and/or in the treatment of seeds, and are also suitable for increasing yields.

21: 2013/06427. 22: 2013/08/26. 43: 2019/05/22
51: A24D
71: British American Tobacco (Investments) Limited, British American Tobacco Japan, Ltd.
72: KALJURA, Karl, BLICK, Kevin, SIMPSON, Michael, PATON, David
33: GB 31: 1104232.2 32: 2011-03-14
54: SMOKING ARTICLE AND METHOD OF MANUFACTURING A SMOKING ARTICLE
00: -
A smoking article comprises a first part and a second part movable relative to the first part. A control mechanism comprises a first control surface on one of the first part or second part; and a second control surface on the other of the first and second parts. The second control surface is configured to engage with the first control surface to control relative rotation between the first part and second part.

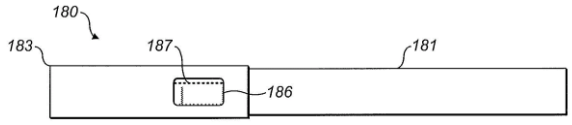


FIG. 1

21: 2013/07297. 22: 2013/09/30. 43: 2019/05/06
51: A61K; A61P; C07K
71: F. Hoffmann-La Roche AG
72: BRINKMANN, Ulrich, GRIEP, Remko Albert, KALUZA, Klaus, KAVLIE, Anita, KLEIN, Christian, REGULA, Joerg Thomas, SCHEUER, Werner
33: EP(CH) 31: 08021835.7 32: 2008-12-16
54: ANTIBODIES AGAINST HUMAN ANGIOPOIETIN 2
00: -
The present invention relates to antibodies against human Angiopoietin 2 (anti- ANG-2 antibodies), methods for their production, pharmaceutical

compositions containing said antibodies, and uses thereof.

21: 2013/07407. 22: 2013/10/04. 43: 2019/05/16
51: A61F
71: SWANEPOEL, Jacobus, Stephanus
72: SWANEPOEL, Jacobus, Stephanus
33: ZA 31: 2012/07476 32: 2012-10-05
54: A PROSTHESIS
00: -
The invention provides a prosthetic limb which permits adjustment of the prosthesis according to a patients new requirements or replacing a socket as part of the normal reduction of residual limbs in rehabilitation without having to replace the entire prosthesis. The prosthesis includes a receiving sleeve configured to secure a tube and a tube with an attachment means capable of being releasably secured to the receiving sleeve.

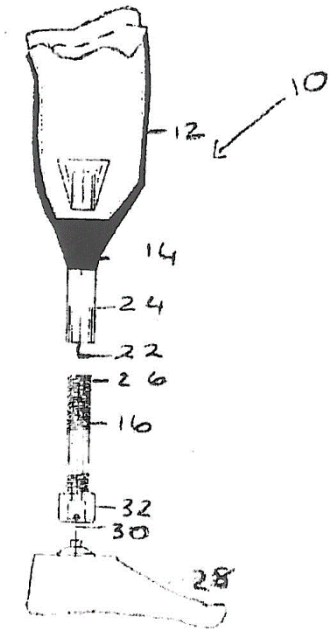
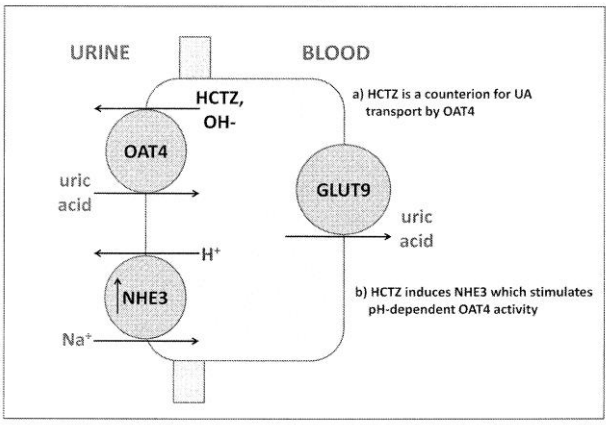


FIGURE 1

21: 2013/07931. 22: 2013/10/23. 43: 2019/05/10
51: C11D
71: Colgate-Palmolive Company
72: SHI, Manying, CHANG, David
54: LIQUID SOAPS WITH TRICLOCARBAN
00: -
An aqueous and liquid cleansing composition comprises a fatty acid soap, a salt of a lauryl ether sulfate surfactant that is present in an amount that is at least 50% of the weight of the fatty acid soap, a betaine surfactant that is present in an amount that is at least 23% of the weight of the fatty acid soap, and at least 0.05% by weight of the composition of triclocarban. The lauryl ether sulfate and betaine surfactant in the specified amount in relation to the fatty acid soap amount keep the triclocarban from precipitating out of the composition.

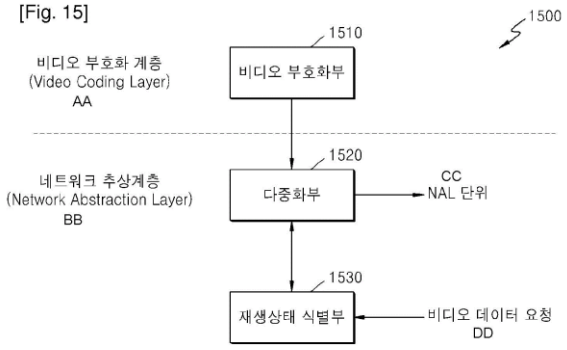
21: 2013/08807. 22: 2013/11/22. 43: 2019/06/12
51: A01N; C07D
71: ARDEA BIOSCIENCES, INC.
72: MINER, Jeffrey
33: US 31: 61/489,597 32: 2011-05-24
54: HYPERTENSION AND HYPERURICEMIA
00: -
A method for treating hypertension in a subject in need thereof (e.g., wherein said treatment does not result in an increase in serum uric acid levels, abnormally elevated serum uric acid levels, hyperuricemia, serum uric acid levels of above 6 mg/dL, or in the development of gout in the subject), the method comprising administering to the subject: a. a thiazide diuretic; and b. an organic anion transporter 4 (OAT4) inhibitor. The thiazide diuretic is selected from hydrochlorothiazide, bendroflumethiazide, benzothiadiazine, hydroflumethiazide, clorothiazide, methyclothiazide, polythiazide, chlorthalidone, metolazone, indapamide, bumetanide, ethacrynic acid, furosemide or torsemide. The OAT4 inhibitor is 2-(5-bromo-4-(4-cyclopropylnaphthalen-1-yl)- 4H-1,2,4-triazol-3-ylthio)acetic acid or a pharmaceutically acceptable salt thereof.

FIG. 1



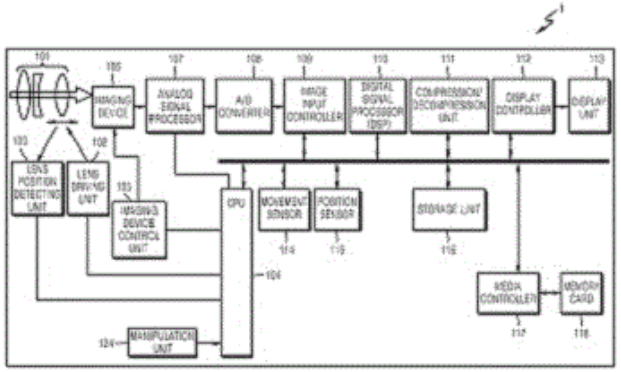
21: 2014/00764. 22: 2014/01/31. 43: 2019/05/23
51: H04N
71: Samsung Electronics Co., Ltd.
72: PARK, Young-o, CHOI, Kwang-pyo, KIM, Chan-yul, YANG, Hee-Chul
33: US 31: 61/504,178 32: 2011-07-02
54: METHOD AND APPARATUS FOR MULTIPLEXING AND DEMULTIPLEXING VIDEO DATA TO IDENTIFY REPRODUCING STATE OF VIDEO DATA.
00: -
Disclosed are a method and an apparatus for multiplexing/demultiplexing video data. According to the present invention, the method for multiplexing the video data comprises the step of adding a reproducing state of a CRA picture, that is, a predetermined syntax for indicating whether or not there is general reproduction and reproduction using a random access, to a header of a transmission unit data which multiplexes the CPA picture used for the random access.

[Fig. 15]



AA ... Video Coding Layer
BB ... Network Abstraction Layer
CC ... NAL unit
DD ... Video data request
1510 ... Video coding unit
1520 ... Multiplexing unit
1530 ... Reproducing state identification unit

21: 2014/01010. 22: 2012/11/15. 43: 2019/05/14
51: H04N
71: SAMSUNG ELECTRONICS CO., LTD.
72: SONG, WON-SEOK
33: KR 31: 10-2011-0120320 32: 2011-11-17
54: DIGITAL PHOTOGRAPHING APPARATUS AND METHOD OF CONTROLLING THE SAME
00: -
The digital photographing apparatus includes: an imaging device that generates an image signal by capturing image light; a storage unit that stores a template including a background area and a composite area that indicates at least a part of an image according to the image signal; an image changing unit that changes orientations of the template and the image; an image composing unit that composes the image and the template of which orientations are changed; and a display unit that displays the composed image, wherein the image changing unit determines orientations to be changed of the template and the image according to a rotation amount of the imaging device with respect to an optical axis of the image light and an orientation in which an imaging surface of the imaging device faces. Accordingly, a user may naturally perform a self-photography function using a template.



21: 2014/01779. 22: 2012/10/30. 43: 2019/05/22
51: C07K
71: GENENTECH, INC.
72: DESHMUKH, AJAY, ZEID, JOUMANA, SCHERER, THOMAS M
33: US 31: 61/553,916 32: 2011-10-31
54: ANTIBODY FORMULATIONS
00: -
Formulations comprising an anti-IL-13 antibody are provided, including pharmaceutical formulations and methods of using such formulations.

21: 2014/02867. 22: 2014/04/22. 43: 2019/05/27
51: A61B
71: DIROS TECHNOLOGY INC.
72: ORGAN, LESLIE, WILLIAM, DARMOS, PETER, GEORGE, ALTMEJD, MOSHE MORRIE, DARMOS, GEORGE, PETER, GAVRILOV, ILYA, IRONSTONE, JOEL
33: US 31: 61/547,713 32: 2011-10-15
54: METHOD AND APPARATUS FOR PRECISELY CONTROLLING THE SIZE AND SHAPE OF RADIOFREQUENCY ABLATIONS
00: -
Various embodiments of multielectrode radiofrequency (RF) ablation probes are described herein that disclose methods and apparatus for improved control and predictability of the size and shape of RF thermal electrocoagulations. The features of the invention include the ability to make irregularly shaped ablations in order to conform to irregularly shaped target tissue volumes, and to make very large ablations without the requirement for electrode cooling.

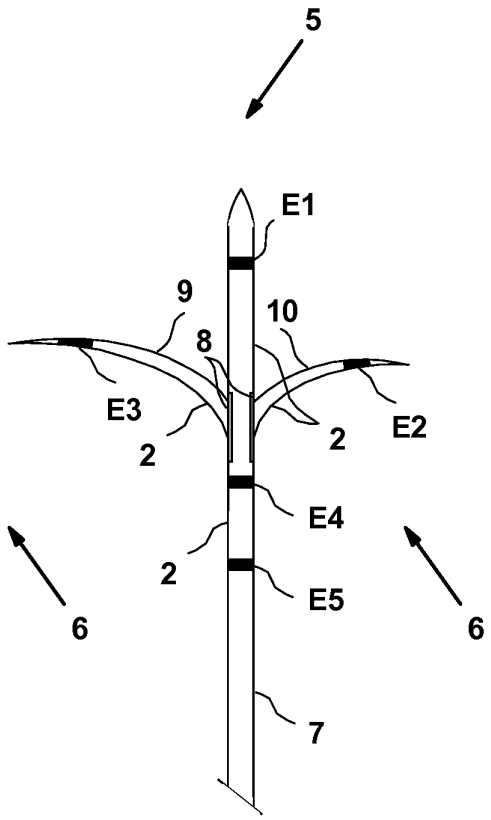


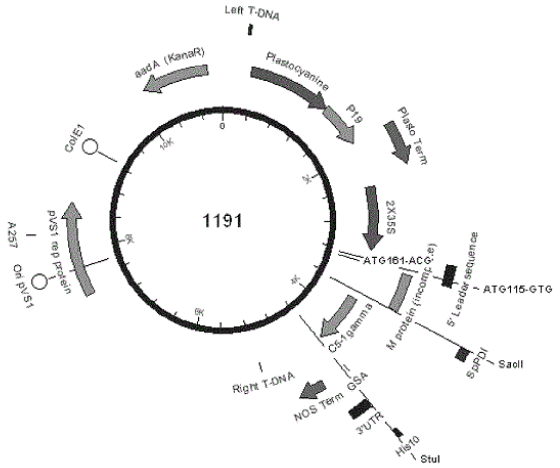
FIG. 4B

21: 2014/03059. 22: 2014/04/29. 43: 2019/05/02
51: C07K A01H A23K A23L A61K A61P C12N
71: MEDICAGO INC.
72: D'AOUST, Marc-Andre, COUTURE, Manon, VEZINA, Louis-Philippe
33: US 31: 61/541,780 32: 2011-09-30
54: INCREASING VIRUS-LIKE PARTICLE YIELD IN PLANTS
00: -
A method of producing a virus like particle (VLP) in a plant is provided. The method comprises introducing a first nucleic acid and a second nucleic acid into the plant, or portion of the plant. The first nucleic acid comprises a first regulatory region active in the plant and operatively linked to a nucleotide sequence encoding a structural virus protein. The second nucleic acid comprises a second regulatory region active in the plant and operatively linked to a nucleotide sequence encoding a channel protein, for example but not limited to a proton channel protein. The plant or portion of the plant is incubated under

conditions that permit the expression of the nucleic acids, thereby producing the VLP.

Figure 1C

Schematic representation of construct 1191. SacII and StuI restriction enzyme sites used for plasmid linearization are annotated on the representation.



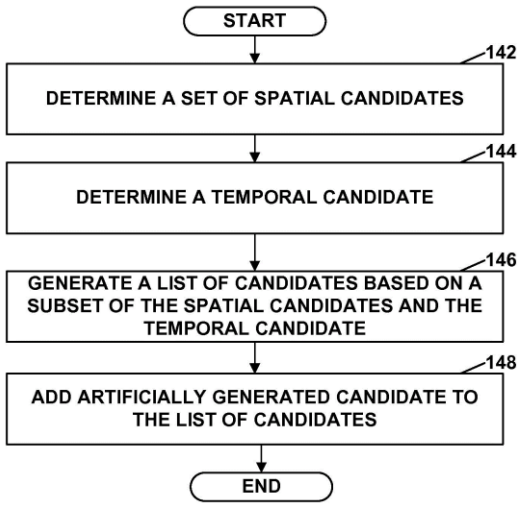


FIG. 14

21: 2014/04178. 22: 2014/06/06. 43: 2019/05/21
51: H04N
71: QUALCOMM Incorporated
72: ZHENG, Yunfei, WANG, Xianglin, KARCZEWICZ, Marta
33: US 31: 61/556,746 32: 2011-11-07

54: GENERATING ADDITIONAL MERGE CANDIDATES

00: -

In generating a candidate list for inter prediction video coding, a video coder can perform pruning operations when adding spatial candidates and temporal candidates to a candidate list while not performing pruning operations when adding an artificially generated candidate to the candidate list. The artificially generated candidate can have motion information that is the same as motion information of a spatial candidate or temporal candidate already in the candidate list.

21: 2014/08359. 22: 2014/11/14. 43: 2019/05/15
51: C12N; C22B
71: BIOHEAP LIMITED
72: FITZMAURICE, Craig Geoffrey, FEWINGS, Jason Alexander, SEET, Shawn Ginn Ming
33: AU 31: 2012901968 32: 2012-05-14
33: AU 31: 2013204372 32: 2013-04-12

54: A METHOD OF ADAPTATION OF A BACTERIAL CULTURE AND LEACHING PROCESS

00: -

A method of adaptation of a bacterial culture, the method comprising the method steps of: Exposing the bacterial culture to increasing levels of pH over a period of time. A leaching process is also described.

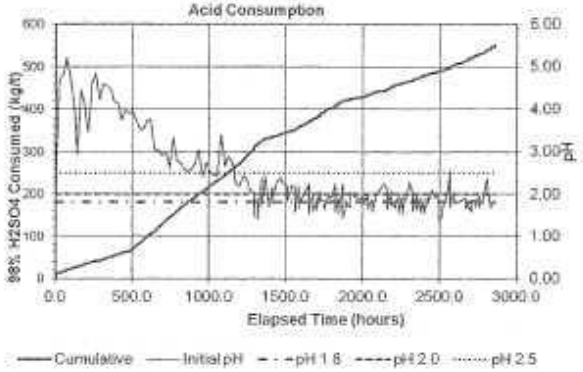


Figure 1

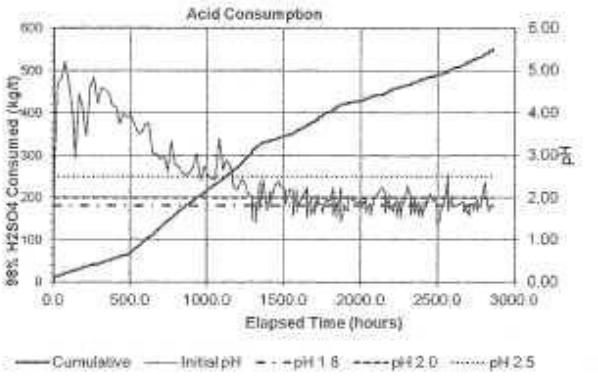
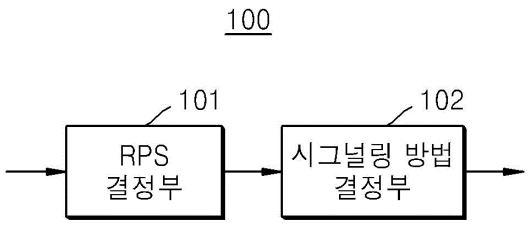


Figure 1

21: 2014/08390. 22: 2014/11/13. 43: 2019/05/07
51: H04N
71: Samsung Electronics Co., Ltd.
72: KIM, Il-Koo, PARK, Young-o
33: US 31: 61/624,468 32: 2012-04-16
54: METHOD AND APPARATUS FOR DETERMINING REFERENCE PICTURE SET OF IMAGE
00: -
The present invention relates to a method for determining an RPS. The method for determining an RPS which is a set of reference pictures used for prediction decoding a current picture includes: determining whether to determine the RPS on the basis of a delta RPS, which is the difference value between the POC value of a reference picture belonging to a reference RPS (which is one of the pre-defined RPSs and capable of being referenced to determine the RPS) and the POC value of a reference picture belonging to the RPS; and determining the RPS on the basis of the determined result.



101 ... RPS determining unit
102 ... Signaling scheme determining unit

21: 2014/08585. 22: 2014/11/21. 43: 2019/05/16
51: A61K; A61P; G01N
71: Qu Biologics Inc.
72: GUNN, Harold David, DHANJI, Salim
33: US 31: 12/843,296 32: 2010-07-26
54: IMMUNOGENIC ANTI-INFLAMMATORY COMPOSITIONS
00: -
The invention provides methods of formulating an anti-inflammatory composition for treating inflammatory conditions in a specific organ or tissue. The method involves selecting at least one pathogen that is pathogenic in the specific organ or tissue; producing an antigenic composition comprising antigenic determinants that together are specific for the pathogen; and formulating the antigenic composition for administration as an anti-inflammatory composition capable of eliciting an anti-inflammatory response in the specific organ or tissue, wherein the condition characterized by inflammation is not a cancer. In embodiments of the invention, a cancer is situated in the specific organ or tissue.

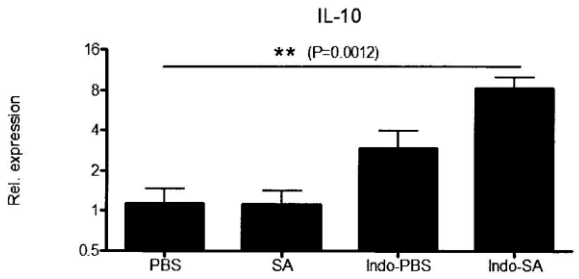


Figure 48

21: 2015/00348. 22: 2015/01/16. 43: 2019/05/22
51: A61K; A61P; C12Q
71: F. Hoffmann-La Roche AG
72: BRAY, Gordon, CHAN, Iris T.
33: US 31: 61/684,673 32: 2012-08-17
54: COMBINATION THERAPIES FOR MELANOMA COMPRISING ADMINISTERING COBIMETINIB AND VEMURAFINIB
00: -
The present invention relates generally to the fields of molecular biology and growth factor regulation. More specifically, the invention relates to therapies for the treatment of pathological conditions, such as cancer. Even more specifically, the invention relates to compositions comprising cobimetinib and vemurafenib and their use in the treatment of BRAF-

V600 mutation-positive unresectable or metastatic melanoma.

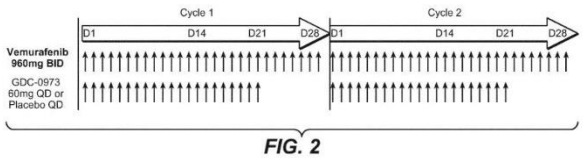
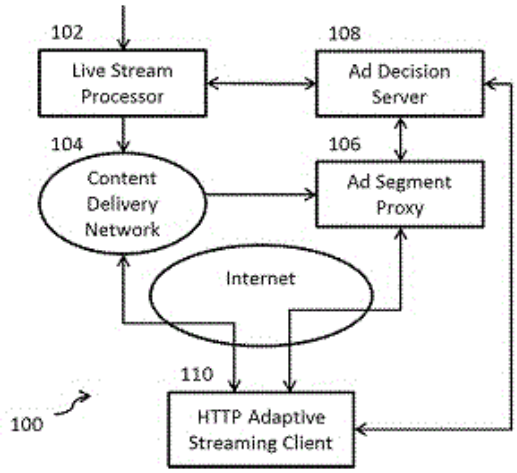


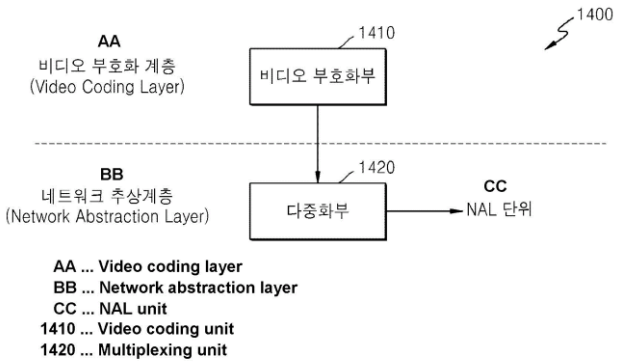
FIG. 2

21: 2015/00604. 22: 2013/06/28. 43: 2019/05/14
51: H04N
71: ERICSSON AB
72: MA, KEVIN J, HICKEY, ROBERT, NAIR, RAJ, TWEEDALE, PAUL, BIAGINI, DANIEL, XU, JIANGUO, NAVALI, PRABHUDEV
33: US 31: 61/665,373 32: 2012-06-28
54: METHOD AND SYSTEM FOR AD INSERTION IN OVER-THE-TOP LIVE MEDIA DELIVERY
00: -
A method is provided for performing targeted ad insertion in over-the-top delivery of content by detecting ad replacement opportunities in a live content stream and preparing the content for seamless replacement with segmented HTTP adaptive streaming delivery. The method includes provisions for multi-stage proxy-based segment replacement for targeted ad delivery. The method provided works transparently with standard HTTP adaptive streaming clients. A system is also specified for implementing a client and server content delivery infrastructure in accordance with the provisions of the method.

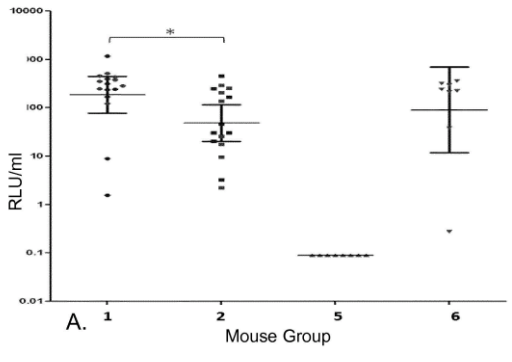
FIG. 1



21: 2015/00760. 22: 2015/02/02. 43: 2019/05/24
51: H04N
71: Samsung Electronics Co., Ltd.
72: CHOI, Byeong-Doo, PARK, Young-o, KIM, Il-Koo, KIM, Jae-hyun, PARK, Jeong-hoon
33: US 31: 61/667,654 32: 2012-07-03
54: METHOD AND APPARATUS FOR CODING VIDEO HAVING TEMPORAL SCALABILITY, AND METHOD AND APPARATUS FOR DECODING VIDEO HAVING TEMPORAL SCALABILITY
00: -
Disclosed are a method and an apparatus for coding a video having temporal scalability, and a method and an apparatus for decoding a video having temporal scalability. The method for coding the video comprises: dividing pictures included in a picture sequence into temporal sub-layers; categorizing temporal layer access pictures into a first temporal layer access picture and a second temporal layer access picture, on the basis of whether a picture, which is coded after the temporal layer access pictures and is included in the same or higher temporal sub-layer than the temporal layer access pictures, can reference a picture which is coded before the temporal layer access pictures; and adding to transmission unit data, which includes the temporal layer access pictures, type syntax information for identifying the first temporal layer access picture and the second temporal layer access picture.

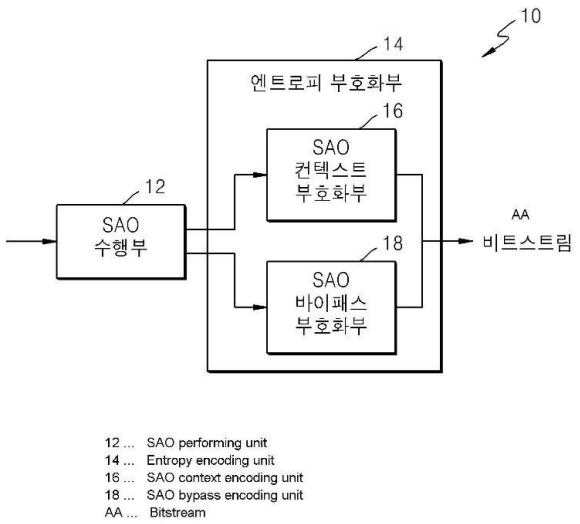


21: 2015/00986. 22: 2015/02/11. 43: 2019/05/24
51: A61K
71: Glaxosmithkline Biologicals S.A.
72: CONTORNI, Mario, GRANDI, Guido, MAIONE, Domenico, MARGARIT Y ROS, Immaculada
33: US 31: 61/744,880 32: 2012-10-03
54: IMMUNOGENIC COMPOSITIONS
00: -
The invention provides an immunogenic composition comprising one or more GBS conjugates and one or more antigens selected from: a) cellular or acellular pertussis antigen, b) a tetanus toxoid, c) a diphtheria toxoid and d) an inactivated polio virus antigen, wherein each GBS conjugate is a group B streptococcus capsular saccharide conjugated to a carrier protein. The invention also provides a method for raising an immune response in a patient, comprising the step of administering to the patient a compositionof the invention.



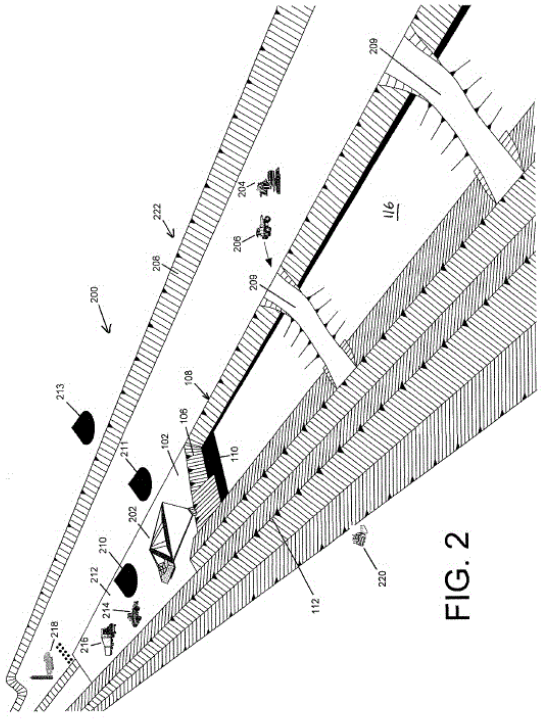
21: 2015/01018. 22: 2015/02/12. 43: 2019/05/24
51: A61K; C07C; C07D
71: Alios BioPharma, Inc.
72: WANG, Guangyi, BEIGELMAN, Leonid, TRUONG, Anh, NAPOLITANO, Carmela, ANDREOTTI, Daniele, HE, Haiying
33: US 31: 61/692,595 32: 2012-08-23
54: COMPOUNDS FOR THE TREATMENT OF PARAMOXYVIRUS VIRAL INFECTIONS
00: -
Disclosed herein are new antiviral compounds, together with pharmaceutical compositions that include one or more antiviral compounds, and methods of synthesizing the same. Also disclosed herein are methods of ameliorating and/or treating a paramyxovirus viral infection with one or more small molecule compounds. Examples of paramyxovirus infection include an infection caused by human respiratory syncytial virus (RSV).

21: 2015/01039. 22: 2015/02/13. 43: 2019/05/24
51: H04N
71: Samsung Electronics Co., Ltd.
72: ALSHINA, Elena, ALSHIN, Alexander, PARK, Jeong-hoon
33: US 31: 61/672,166 32: 2012-07-16
54: VIDEO ENCODING METHOD AND VIDEO ENCODING APPARATUS AND VIDEO DECODING METHOD AND VIDEO DECODING APPARATUS FOR SIGNALING SAO PARAMETERS
00: -
The present invention relates to the signaling of an SAO parameter determined to minimize an error between an original image and a restored image in a video encoding and decoding operation. Disclosed is an SAO decoding method which acquires left SAO aggregation information and upward SAO aggregation information which are entropy-encoded based on a context from the bitstream of the largest coding unit, acquires SAO on/off information which is entropy-encoded based on a context for each color component from the bitstream, acquires offset absolute value information for each SAO category entropy-encoded in a bypass mode, and acquires either the band location information and edge class information which are entropy-encoded in a bypass mode.



21: 2015/01346. 22: 2013/07/10. 43: 2019/05/17
51: A01N; A01P
71: NO SELF S.R.L.
72: MAZZOLENI, STEFANO
33: IT 31: NA2012A000046 32: 2012-08-02
54: COMPOSITION COMPRISING NUCLEIC ACIDS OF PARASITIC, PATHOGENIC OR WEED BIOLOGICAL SYSTEMS FOR INHIBITING AND/OR CONTROLLING THE GROWTH OF SAID SYSTEMS
00: -
The present invention concerns a DNA fragment mixture for the prevention or for the treatment against at least one pathogenic, parasitic or weed species of the plants or the environment, wherein said total DNA consist of random fragments of the total DNA of said at least one pathogenic, parasitic or weed species, and/or at least one phylogenetically similar species, against which said prevention and treatment are directed. Further, the invention concerns a process and relative system allowing the improvement of the production/growth of microorganisms at high yield in bioreactors or photobioreactors, or of plants in different culture systems, characterized in that the nucleic acids of the same organisms produced by said process are removed from culture medium and said culture medium, deprived of said nucleic acid, is used again in said process.

21: 2015/01466. 22: 2015/03/04. 43: 2019/05/02
51: E21C
71: EMERGENT MINING TECHNOLOGIES PTY LTD
72: MACDONALD, Brian
33: AU 31: 2015200304 32: 2015-01-22
33: AU 31: 2014900733 32: 2014-03-05
54: A SYSTEM FOR THE REDUCTION IN APPLIED ENERGY, IMPROVED EFFICIENCIES AND REDUCED COSTS IN OPEN PIT MINING
00: -
The open pit mining system includes a material lifting machine configured to both: (1) excavate and remove overburden from an open pit of a mine; and (2) excavate and remove valuable material from the open pit. Advantageously, the machine removes the overburden waste material as well as the mined valuable material which would otherwise be conventionally removed by trucks in the pit, out of the pit up the ramps and onto the processing plant. The use of trucks for transporting valuable material both along and up out of the pit is at least to some extent reduced thereby resulting in improved cost and energy efficiency.



21: 2015/02415. 22: 2013/09/13. 43: 2019/05/14
51: E21B
71: BLY IP INC.
72: DRENTH, CHRISTOPHER L, LITTLELY, KEITH WILLIAM
33: US 31: 61/700,401 32: 2012-09-13
54: DRILLS STRING COMPONENTS HAVING MULTIPLE-THREAD JOINTS

00: -
Implementations of the present invention comprise drill string components having at least one thread extending around a body. The leading end of the thread can have a configuration having increased strength and resistance to jamming and cross-threading. In particular, the leading end of the thread can comprise a planar surface normal to the body. The leading end of the thread can provide an abrupt transition to full thread depth that helps reduce or eliminate cross-threading and can be oriented at an angle relative to the axis of the drill string component. The thread can further provide at least one of a variable thread width and a variable thread pitch configured to create an axial progressive fit. The thread can also provide a cylindrical thread root and a thread crest that circumscribes a frusta-cone over at least a portion of the axial length of the threads configured to create a radial progressive fit.

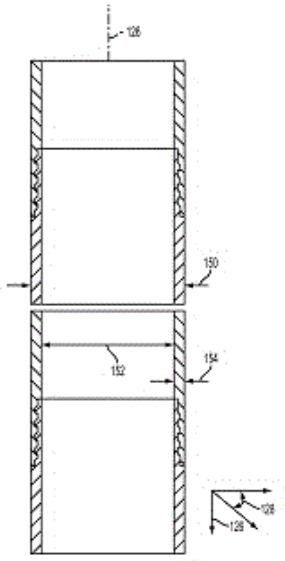


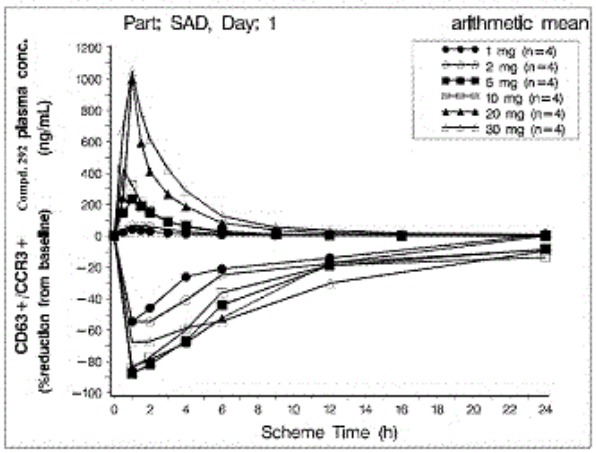
FIG. 1

21: 2015/03134. 22: 2013/11/01. 43: 2019/05/14
51: A61K; A61P; G01N
71: INFINITY PHARMACEUTICALS, INC.
72: STERN, HOWARD M, KUTOK, JEFFERY L
33: US 31: 61/721,432 32: 2012-11-01
33: US 31: 61/767,606 32: 2013-02-21
33: US 31: 61/836,088 32: 2013-06-17
33: US 31: 61/863,365 32: 2013-08-07
33: US 31: 61/829,168 32: 2013-05-30
33: US 31: 61/733,852 32: 2012-12-05
33: US 31: 13/840,822 32: 2013-03-15
33: US 31: 61/888,454 32: 2013-10-08

54: TREATMENT OF CANCERS USING PI3 KINASE ISOFORM MODULATORS

00: -
Provided herein are methods, kits, and pharmaceutical compositions that include a PI3 kinase inhibitor for treating cancers or hematologic disorders.

FIGURE 1



SAD part, single dose QD

21: 2015/03522. 22: 2015/05/19. 43: 2019/05/24
51: A24F; A61M
71: Fontem Holdings 1 B.V.
72: WENSLEY, Martin, HUFFORD, Michael, WILLIAMS, Jeffrey, LLOYD, Peter
33: US 31: 61/730,738 32: 2012-11-28

54: METHODS AND DEVICES FOR COMPOUND DELIVERY

00: -
Provided herein are methods, devices, systems, and computer readable medium for delivering one or more compounds to a subject. Also described herein are methods, devices, systems, and computer readable medium for transitioning a smoker to an electronic nicotine delivery device and for smoking or nicotine cessation.

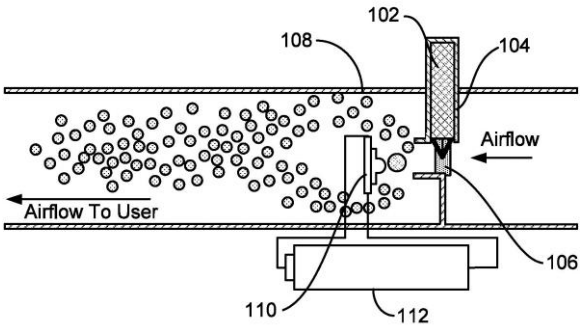
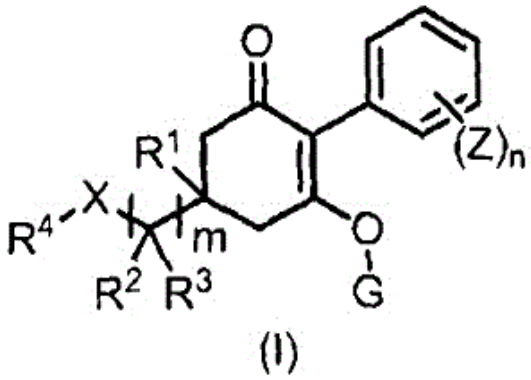


FIG. 1

21: 2015/03755. 22: 2013/10/31. 43: 2019/05/17
51: A01N; A01P
71: SUMITOMO CHEMICAL COMPANY, LIMITED
72: JIN, YOSHINOBU, FUJINO, YOSHIMI
33: JP 31: 2012-246170 32: 2012-11-08
54: HERBICIDE COMPOSITION
00: -
This herbicide composition includes: a cyclohexanone compound represented by formula (I); and at least one compound selected from group A. Group A comprises benoxacor, cloquintocet-mexyl, cyometrinil, dichlormid, fenchlorazole ethyl, fenclorim, flurazole, furilazole, mefenpyr-diethyl, oxabetrinil, isoxadifen-ethyl, cyprosulfamide, fluxofenim, 1,8-naphthalic acid anhydride, and AD-67.



(I)

21: 2015/05104. 22: 2015/07/16. 43: 2019/05/02
51: G06F
71: FLOW LABS, INC.
72: POOL, Jan, DU PLESSIS, Filippus, Lourens, Andries, BOSHOFF, Hendrik, Frans, Verwoerd, VAN ZYL, Johannes Petrus, VAN DER MERWE, Adri, VAN DER WESTHUIZEN, Willem, Morkel
33: ZA 31: 2012/09617 32: 2012-12-19
54: USER CONTROL OF THE TRADE-OFF BETWEEN RATE OF NAVIGATION AND EASE OF ACQUISITION IN A GRAPHICAL USER INTERFACE
00: -
The invention provides a method for dynamic user control over the layout of a graphical user interface. The method includes the steps of receiving a description of the way in which a control region in the interface is allocated to a plurality of virtual objects, without object overlap, receiving the position of a user point, reallocating a fraction of the control region from at least one object to a different object, based on the user point position, allocating a part of a display region in the interface to at least one of the objects, based on the current allocation of the control region to said object, but with control-display decoupling, and repeating the previous three steps fast enough that the user will perceive the changes as substantially continuous.

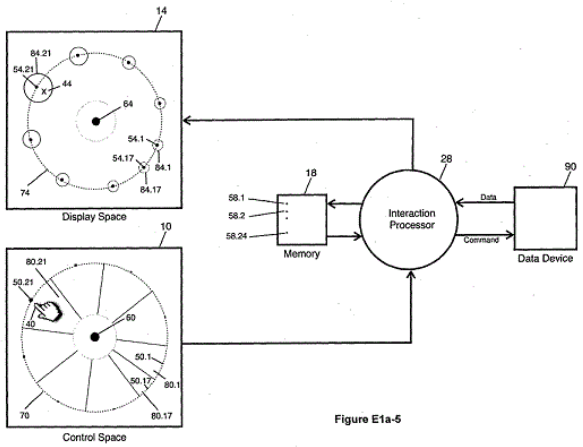
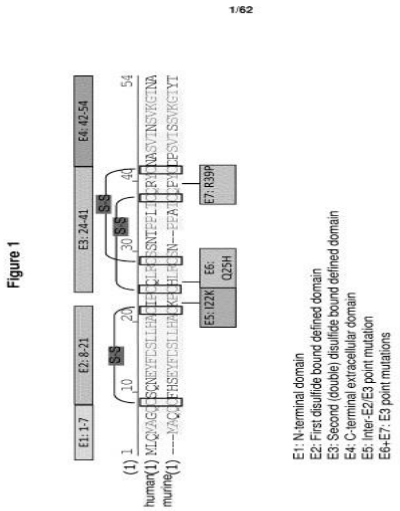


Figure E1a-5

21: 2015/05209. 22: 2015/07/20. 43: 2019/07/02
51: C07K
71: Amgen Research (Munich) GmbH, AMGEN INC.
72: Peter KUFER, Tobias RAUM, Patrick HOFFMANN, Roman KISCHEL, Ralf LUTTERBUESE, Doris RAU, Paul ADAM, Eric BORGES, Barbara HEBEIS, Susanne HIPP
33: US 31: 61/793,235 32: 2013-03-15
54: BINDING MOLECULES FOR BCMA AND CD3
00: -
The present invention relates to a binding molecule comprising a first and a second binding domain, wherein the first binding domain is capable of

binding to epitope clusters of BCMA, and the second binding domain is capable of binding to the T cell CD3 receptor complex. Moreover, the invention provides a nucleic acid sequence encoding the binding molecule, a vector comprising said nucleic acid sequence and a host cell transformed or transfected with said vector. Furthermore, the invention provides a process for the production of the binding molecule of the invention, a medical use of said binding molecule and a kit comprising said binding molecule.



21: 2015/05658. 22: 2015/08/05. 43: 2019/05/28
51: G06F
71: DISCOVERY LIMITED
72: MAYERS, HERSCHEL PHILLIP, RABSON, KENNETH STEVEN, FRIEDLANDER, GARETH
33: ZA 31: 2014/05796 32: 2014-08-06
54: A SYSTEM AND METHOD OF MANAGING AN INSURANCE PLAN
00: -
A system and method for implementing an insurance includes receiving data relating to a business assurance insurance policy, the data including an insured amount, a premium amount, the identity of an insured person, an identity of at least one policy owner that will be paid out on the occurrence of an insured event wherein the insured person and the at least one policy owner are different. The system then calculates an initial amount of a reward fund to be paid out periodically to the insured person if no insured event has occurred. The system receives data including compliance information regarding the insured person's compliance or non-compliance with a wellness programme and adjusts the amount of the reward fund based on the compliance or non-compliance with the wellness programme. Periodically a pay instruction is transmitted to make a payment from the reward fund to the insured person. In addition, if an insured event occurs, a pay instruction is transmitted to make a payment to the at least one policy owner.

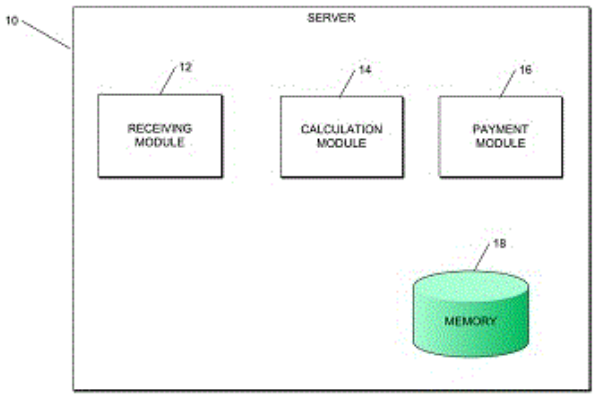
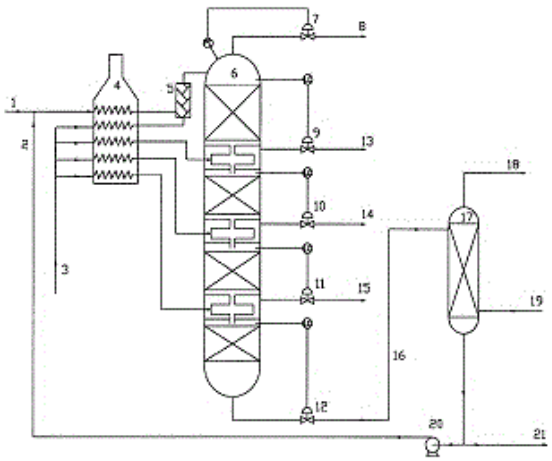


FIGURE 1

21: 2015/06228. 22: 2013/08/01. 43: 2019/05/24
51: C10G
71: PETROCHINA COMPANY LIMITED
72: MA, SHOUTAO, ZHANG, RUIQIN, TIAN, RAN, LIU, YONGGANG, WANG, GANG, ZHANG, CHANGSEN, ZHANG, WENCHENG, GUO, JINTAO, ZHAO, YE, ZHAI, YUNPU, YU, CHUNMEI, XU, XINGMIN, WANG, YAN, MA, BAOLI, DONG, CHUNMING, XU, TIEGANG, WU, XIANJUN, JIN, LILI, ZHU, JINLING
33: CN 31: 201310035274.X 32: 2013-01-30
54: LIQUID-PHASE HYDROGENATION REACTION METHOD WITH MULTI-STAGE HYDROGEN DISSOLUTION
00: -
The present invention relates to a liquid-phase hydrogenation reaction method with multi-stage hydrogen dissolution. A liquid material is circulated and mixed with a feedstock oil, and introduced into a heating furnace to be heated. Hydrogen gas is divided into n routes and introduced into the heating furnace to be heated. One route of hydrogen gas is mixed with a liquid-phase material in a mixer for a first stage hydrogen dissolution. The remaining (n-1) routes of hydrogen gas are introduced into a hydrogen-oil mixing component in the reactor via an

inlet of beds in the reactor to be mixed with a mixture from a reaction in a preceding bed for a second stage hydrogen dissolution. Reaction byproducts, namely hydrogen sulfide and ammonia, are stripped. A reaction pressure control system is arranged on the top of the reactor. An exhaust system is arranged at each section of the reactor. Reaction products are introduced into a stripping tower. The hydrogen-oil mixer is arranged in the stripping tower. The byproducts, namely hydrogen sulfide and ammonia, are stripped. Capacity for hydrogen dissolution is increased. A portion of an oil product that comes out from the stripping tower is introduced into a product tank, while another portion is recirculated. The present method has hydrogen sulfide and ammonia discharged from a reaction system while a hydrogenation reaction is catalyzed, and a solid-phase catalyst comes in contact with a liquid-phase reactant, thus increasing reaction efficiency.



Фиг. 1 / Fig. 1

21: 2015/06276. 22: 2015/08/27. 43: 2019/05/17
51: C08F; C09D
71: Akzo Nobel Coatings International B.V.
72: RADEMACHER, Jude Thomas
33: US 31: 61/776,074 32: 2013-03-11
54: LATEX EMULSIONS AND COATING COMPOSITIONS PREPARED FROM LATEX EMULSIONS
00: -
The present invention includes coating compositions and methods for coating substrates using the coating compositions. In some embodiments of the invention, a coating composition is prepared having a latex emulsion prepared by a method including mixing an ethylenically unsaturated monomer component and a stabilizer in a carrier to form a monomer emulsion, and reacting the monomer emulsion with an initiator to form the latex emulsion, wherein the latex emulsion comprises benzyl (meth)acrylate, cyclohexyl (meth)acrylate, or a mixture thereof.

21: 2015/06293. 22: 2014/01/29. 43: 2019/05/24
51: B02C
71: THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
72: BURCHARDT, EGBERT
33: DE 31: 10 2013 100 997.2 32: 2013-01-31
54: METHOD AND SYSTEM FOR GRINDING FRAGMENTARY STARTING MATERIAL
00: -
The method according to the invention for grinding fragmentary starting material, in particular ores, by means of a dry-grinding system is characterized by the following steps: determining the moisture of starting material over a certain time period, providing at least one screening stage, the cut point of which is selected in dependence on the determined moisture in such a way that the moisture of retained oversized material does not exceed a specified moisture limit when starting material having the determined moisture is supplied to the screening stage, supplying starting material to the screening stage, forwarding retained oversized material arising in the screening stage to the dry-grinding system, and grinding the retained oversized material in the dry-grinding system.

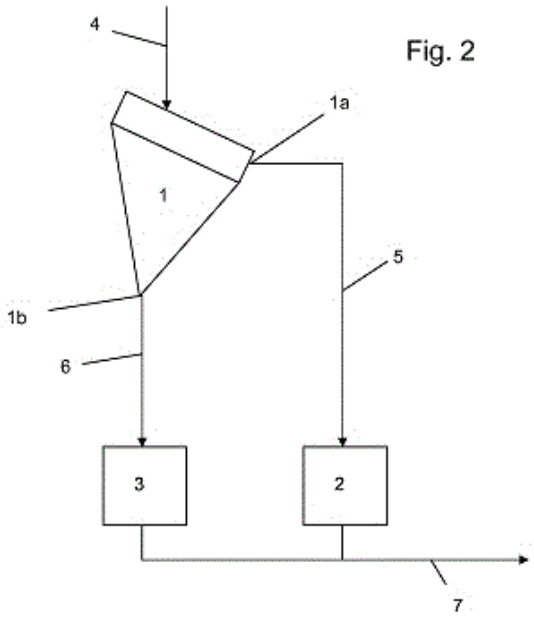
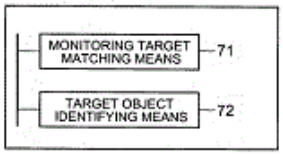


Fig. 2

21: 2015/06437. 22: 2014/01/31. 43: 2019/05/27
51: H04N; G06T; G08B
71: NEC CORPORATION
72: KOYAMA, KAZUYA, ARIKUMA, TAKESHI
33: JP 31: 2013-072178 32: 2013-03-29
54: TARGET OBJECT IDENTIFYING DEVICE, TARGET OBJECT IDENTIFYING METHOD AND TARGET OBJECT IDENTIFYING PROGRAM
00: -
A monitoring target matching means (71) matches monitoring targets appearing in video captured by one or more imaging devices and identifies monitoring targets that are inferred to be the same. An object identifying means (72) uses the imaging times of the identified monitoring targets to identify a desired target object from the identified monitoring targets imaged.

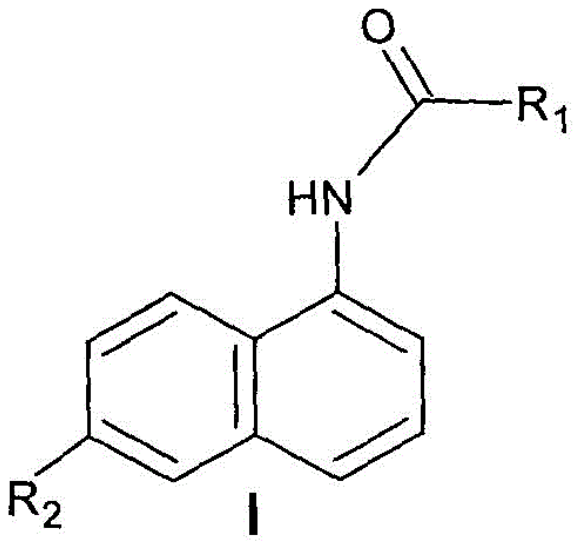
FIG. 10



21: 2015/06441. 22: 2014/03/10. 43: 2019/05/17
51: G01N
71: SOMALOGIC, INC.
72: NIKRAD, MALTI, FIELD, STUART G, WILLIAMS, STEPHEN ALARIC
33: US 31: 61/787,967 32: 2013-03-15
54: NONALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NONALCOHOLIC STEATOHEPATITIS (NASH) BIOMARKERS AND USES THEREOF
00: -
Methods, compositions, and kits for determining whether a subject has non-alcoholic fatty liver disease (NAFLD) are provided. Methods, compositions, and kits for determining whether a subject has non-alcoholic steatosis are also provided. Methods, compositions, and kits for determining whether a subject has non-alcoholic steatohepatitis (NASH) are also provided.

21: 2015/06583. 22: 2015/09/07. 43: 2019/05/13
51: A61K; A61P
71: Centro de Neurociencias de Cuba (Neuronic), Instituto Mexicano de Seguro Social, IMSS
72: SABLON CARRAZANA, Marquiza, RODRIGUEZ-TANTY, Chrislayne, ALTAMIRANO BUSTAMANTE, Myriam Marlene, RIVILLAS ACEVEDO, Lina Andrea, LOPEZ BARROSO, Rosa Maria, LARA MARTINEZ, Reyna, FERNANDEZ GOMEZ, Isaac, RIVERA MARRERO, Suchitil, VEDRENNE GUTIERREZ, Fernand, BENCOMO MARTINEZ, Alberto, DOMINGUEZ MACOUZET, Maria Guadalupe, PEREZ PERERA, Rafaela, JIMENEZ GARCIA, Luis Felipe, DIAZ MIRANDA, Massiel, MORAN, Andrade Julio, PERERA PINTADO, Alejandro, PRATS CAPOTE, Anais, VALDES SOSA, Pedro, ISLAS ANDRADE, Sergio Agustin
33: CU 31: 2013-0027 32: 2013-02-28
54: CHEMICAL CHAPERONINS AS NOVEL MOLECULAR MODULATORS OF BETA PROTEIN AGGREGATION PRESENT IN CONFORMATIONAL DISEASES
00: -

The invention relates to chemistry and biochemistry applied to the field of medicine, and particularly to a novel method for the prevention and therapeutic treatment of conformational diseases (CD), especially diseases of an amyloid origin, by means of the administration of an effective quantity of at least one compound, the salts, prodrugs or solvates thereof, considered in this invention as chemical chaperonins, of formula I wherein: R_1 is -alkylenyl-C(O)NH-alkylenyl-R_3, -alkylenyl-C(O)O-R_4; R_3 is -COOH, -OH, -SH, -NH_2, -NH-alkyl, -NH-alkyl dithiocarbamate, -*N*/-(alkyl)-dithiocarbamate of salts of alkaline earth metals or salts of the previously related groups, that are pharmaceutically acceptable, for the treatment of amyloidogenic diseases; R_4 is a succinimide group; and R_2 is -H, -alkyl.



I

21: 2015/06620. 22: 2014/03/17. 43: 2019/05/24
51: E21B
71: MAERSK DRILLING A/S
72: KANNEGAARD, MICHAEL, MCCOLL, ALLAN, HOLCK, JESPER
33: US 31: 61/787,984 32: 2013-03-15
33: DK 31: PA 2013 00303 32: 2013-05-20
33: DK 31: PA 2013 70604 32: 2013-10-22

54: AN OFFSHORE DRILLING RIG AND A METHOD OF OPERATING THE SAME

00: -

An offshore drilling rig comprising a drill deck (2), at least one work center (3a) arranged in the drill deck; a diverter system (13) operatively connectable at least to a riser (15) extending towards the seafloor; a hoisting system (5a,5b) adapted for raising or lowering tubular equipment (35) through the work center; wherein the offshore drilling rig comprises a first positioning system configured for positioning at least the work center (3a) and/or the diverter system (13) and/or a riser tensioning system (23) selectively at a first horizontal position and a second horizontal position, different from the first horizontal position; and wherein the hoisting system is operable to raise or lower tubular equipment through the work center when said work center is positioned at said first horizontal position.

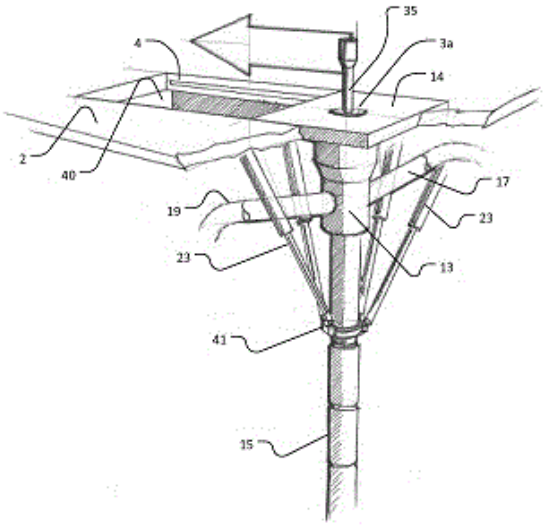


Fig. 8

21: 2015/07795. 22: 2015/10/19. 43: 2019/07/08
51: C12N
71: KATHOLIEKE UNIVERSITEIT LEUVEN
72: DALLMEIER, Kai, NEYTS, Johan
33: GB 31: 1307528.8 32: 2013-04-26

54: BACTERIAL ARTIFICIAL CHROMOSOMES

00: -

The invention relates to the use of a bacterial artificial chromosome (BAC) for the preparation of a vaccine, wherein the BAC comprises: - an inducible bacterial ori sequence for amplification of the BAC to more than 10 copies per bacterial cell, and - a viral expression cassette comprising a cDNA of an attenuated RNA virus genome and comprising cis-regulatory elements for transcription of said viral cDNA in mammalian cells and for processing of the transcribed RNA into infectious viral RNA.

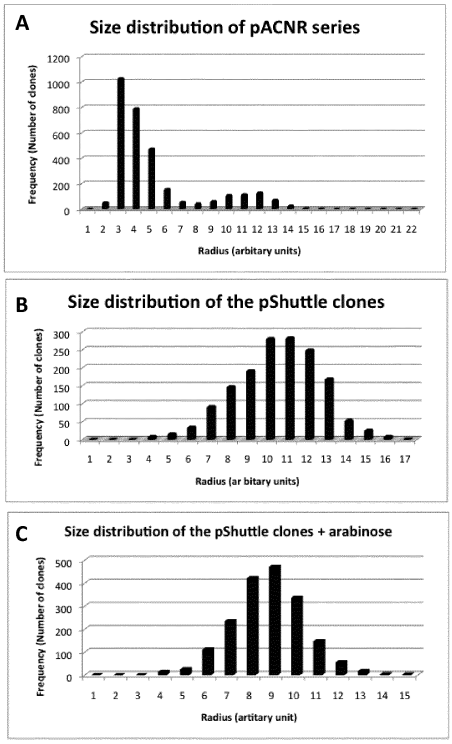


Figure 10

21: 2015/08064. 22: 2015/10/30. 43: 2019/05/06
51: C07K
71: Kiniksa Pharmaceuticals, Ltd.
72: ARNETT, Heather A., ESCOBAR, Sabine S., KING, Chadwick T., LIM, Ai Ching, NARAYANAN, Saravanakumar, WEINREB, Paul Henry, PEDERSON, Nels Eric
33: US 31: 61/829,082 32: 2013-05-30
54: ONCOSTATIN M RECEPTOR ANTIGEN BINDING PROTEINS
00: -
The invention provides anti-oncostatin M receptor-ß (OSMR) antigen binding proteins, e.g., antibodies and functional fragments, derivatives, muteins, and variants thereof. OSMR antigen binding proteins interfere with binding of OSM and/or IL-31 to OSMR. In some embodiments, anti-OSMR antigen binding proteins are useful tools in studying diseases and disorders associated with OSMR and are particularly useful in methods of treating diseases and disorders associated with OSMR and binding of OSM and/or IL-31 to OSMR.

21: 2015/08514. 22: 2014/06/24. 43: 2019/05/24
51: C07D; A61K; A61P
71: MERCK PATENT GMBH
72: YU, HENRY, DONNELLY, MARIANNE, NGUYEN, NGAN, JIANG, XULIANG
33: US 31: 61/898,608 32: 2013-11-01
33: US 31: 61/838,460 32: 2013-06-24
54: PYRAZOLE COMPOUNDS AS MODULATORS OF FSHR AND USES THEREOF
00: -
The present invention relates to pyrazole compounds, and pharmaceutically acceptable compositions thereof, useful as positive allosteric modulators of follicle stimulating hormone receptor (FSHR).

21: 2015/08710. 22: 2014/06/24. 43: 2019/05/14
51: G10L; H04S
71: DOLBY INTERNATIONAL AB
72: KORDON, SVEN, KRUEGER, ALEXANDER
33: EP 31: 13305986.5 32: 2013-07-11
54: METHOD AND APPARATUS FOR GENERATING FROM A COEFFICIENT DOMAIN REPRESENTATION OF HOA SIGNALS A MIXED SPATIAL/COEFFICIENT DOMAIN REPRESENTATION OF SAID HOA SIGNALS
00: -
There are two representations for Higher Order Ambisonics denoted HOA: spatial domain and coefficient domain. The invention generates from a coefficient domain representation a mixed spatial/coefficient domain representation, wherein the number of said HOA signals can be variable. A vector of coefficient domain signals is separated into a vector of coefficient domain signals having a constant number of HOA coefficients and a vector of coefficient domain signals having a variable number of HOA coefficients. The constant-number HOA coefficients vector is transformed to a corresponding spatial domain signal vector. In order to facilitate high- quality coding, without creating signal discontinuities the variable-number HOA coefficients vector of coefficient domain signals is adaptively normalised and multiplexed with the vector of spatial domain signals.

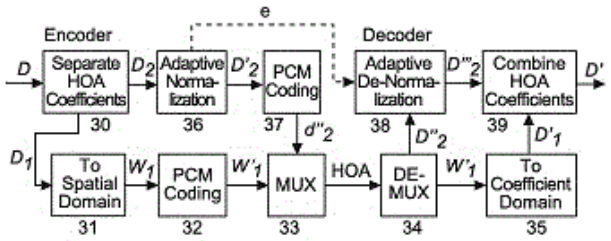


Fig. 3

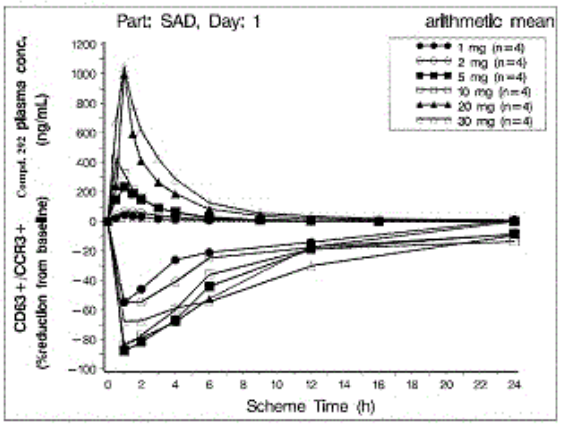
21: 2015/08711. 22: 2014/05/30. 43: 2019/05/06
51: A61K
71: INFINITY PHARMACEUTICALS, INC.
72: STERN, HOWARD M, KUTOK, JEFFERY L
33: US 31: 61/829,168 32: 2013-05-30
33: US 31: 61/888,454 32: 2013-10-08
33: US 31: PCT/US2013/067929 32: 2013-11-01
33: US 31: 61/836,088 32: 2013-06-17
33: US 31: 61/991,414 32: 2014-05-09
33: US 31: 61/863,365 32: 2013-08-07

54: TREATMENT OF CANCERS USING PI3 KINASE ISOFORM MODULATORS

00: -

Provided herein are methods, kits, and pharmaceutical compositions that include a PI3 kinase inhibitor for treating cancers or hematologic disorders. Provided herein are methods, compositions, and kits for treating or preventing cancers or diseases, such as hematologic malignancies, which have a high expression level of one or more isoform (s) of PI3K (e.g., P13K-δ and/or PI3K-γ). In one embodiment, the methods, compositions, and kits provided herein relate to administering an isoform-selective PI3K modulator.

FIG. 1



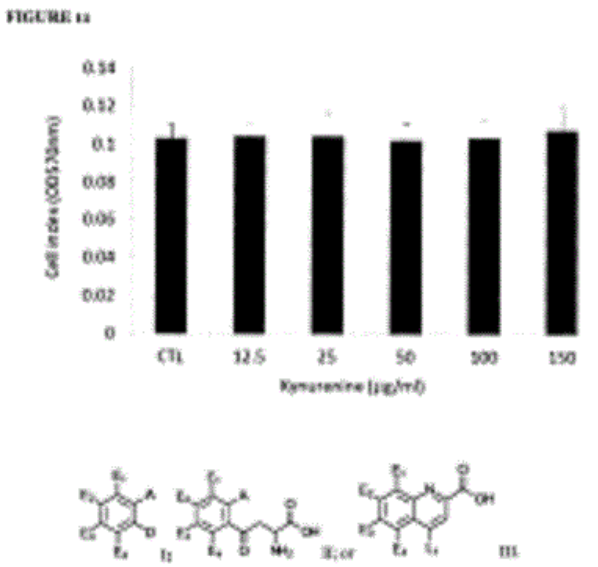
SAD part, single dose QD

21: 2016/00015. 22: 2016/01/04. 43: 2019/05/20
51: A61K A61P
71: THE UNIVERSITY OF BRITISH COLUMBIA
72: GHAHARY, Aziz, LI, Yunyuan, KILANI, Ruhangiz, T., HARTWELL, Ryan
33: US 31: 61/831,404 32: 2013-06-05

54: ANTI-FIBROGENIC COMPOUNDS, METHODS AND USES THEREOF

00: -

Use of kynurenine or related compounds, such as kynurenic acid or xanthurenic acid, in the treatment of conditions or diseases related to fibrosis. The diseases and conditions include keloid, hypertropic scarring, pulmonary or kidney fibrosis, Crohn's disease and scleroderma. The active compounds may be in pharmaceutical compositions for various routes of delivery.



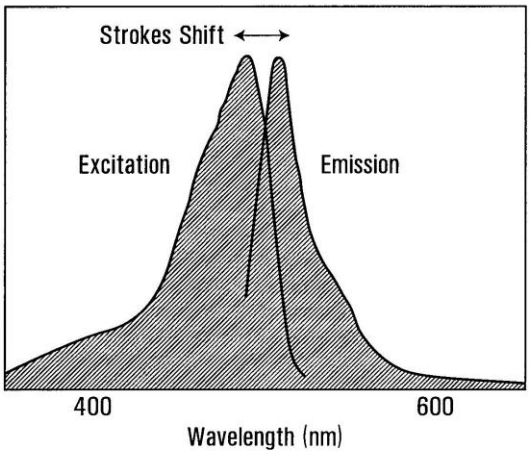


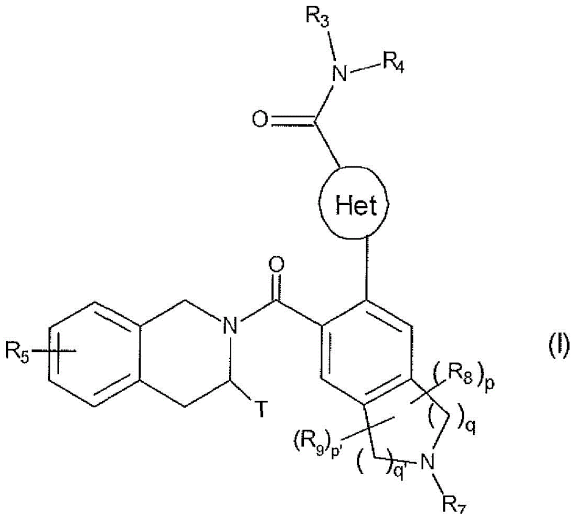
FIG. 1

21: 2016/00120. 22: 2016/01/07. 43: 2019/05/24
51: A61K; A61P; C09K
71: Klox Technologies Inc.
72: LOUPIS, Nikolaos, PIERGALLINI, Remigio, RASTOGI, Shipra
33: US 31: 61/842,433 32: 2013-07-03
54: BIOPHOTONIC COMPOSITIONS COMPRISING A CHROMOPHORE AND A GELLING AGENT FOR TREATING WOUNDS
00: -

The present disclosure provides biophotonic compositions, kits and their uses. In particular, the biophotonic compositions of the present disclosure are substantially resistant to leaching such that low amounts of chromophores present in the biophotonic composition leach out of the composition. The biophotonic compositions and their uses are useful for promoting repair of non-healing wounds.

21: 2016/00198. 22: 2016/01/11. 43: 2019/05/24
51: A61K; A61P; C07D
71: Les Laboratoires Servier, Vernalis (R&D) Limited
72: DAVIDSON, James Edward Paul, MURRAY, James Brooke, CHEN, I-Jen, WALMSLEY, Claire, DODSWORTH, Mark, MEISSNER, Johannes W. G., BROUGH, Paul, FEJES, Imre, TATAI, Janos, NYERGES, Miklos, KOTSCHY, Andras, SZLAVIK, Zoltan, GENESTE, Olivier, LE TIRAN, Arnaud, LE DIGUARHER, Thierry, HENLIN, Jean-Michel, STARCK, Jérôme-Benoît, GUILLOUZIC, Anne-Françoise, DE NANTEUIL, Guillaume
33: FR 31: 13/57276 32: 2013-07-23
54: NEW ISOINDOLINE OR ISOQUINOLINE COMPOUNDS, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
00: -

Compounds of formula (I): (I) wherein Het, R_3, R_4, R_5, R_7, R_8, R_9, T, p, p', q, and q' are as defined in the description are pro-apoptotic agents useful in the treatment of cancers and of auto-immune and immune system diseases.



(I)

21: 2016/00273. 22: 2013/07/12. 43: 2019/05/24
51: E21D
71: MINOVA INTERNATIONAL LIMITED
72: MODLINSKI, DARIUSZ, WOSIK, TADEUSZ, PETRANEK, MARTIN
54: YIELDABLE ROCK ANCHOR
00: -
The invention relates to a yieldable rock anchor (10) comprising an anchor element (12) extending along a longitudinal center axis (A) and having a first end (14), a second end (16) and an outer surface (18). An anchor plate (20) is attached near the first end (14) of the anchor element, and an anchor head (22) is secured to the first end of the anchor element and adapted to clampingly engage the anchor plate (20). On its outer surface, the anchor element (12) is provided along at least substantially its entire length with a plurality of ribs (24). A plurality of sleeves (26), each sleeve having two opposing ends (28, 30), for covering some of the plurality of ribs is fixedly arranged on the outer surface of the anchor element (12) such that each of the opposing ends (28, 30) at least substantially sealingly engages the outer surface (18) of the anchor element (12).

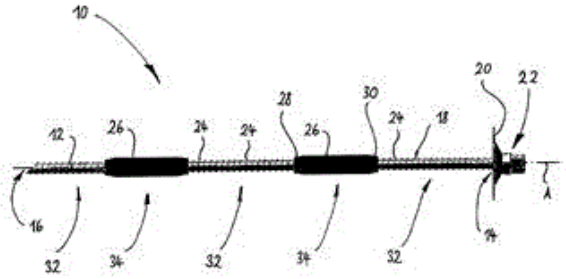


Fig. 1

21: 2016/00607. 22: 2016/01/28. 43: 2019/05/24
51: A42B
71: UVEX ARBEITSSCHUTZ GMBH
72: SCHUSTER, Manfred, HORN, Lars, ABEL, Michael, SCHUSS, Frederic, VIGGIANI, Josef
33: DE 31: 10 2013 215 150.0 32: 2013-08-01
54: PROTECTIVE HEAD CAP
00: -
The invention relates to a head-protecting cap. The head-protecting cap has a shell body (6) which has a forehead region (7) for at least partially covering the forehead of a person wearing the head-protecting cap, also has a back-of-the-head region (8) for at least partially covering the back of the head of the person wearing the head-protecting cap, further has a top-of-the-head region (9), which is arranged between the forehead region (7) and the back-of-the-head region (8) and is intended for at least partially covering the top of the head of the person wearing the head-protecting cap, and bounds a head-accommodating space (18) for accommodating the head of the person wearing the head-protecting cap. The head-protecting cap also has an impact-damping arrangement (14), which comprises at least one impact-damping-spring device (15). The at least one impact-damping-spring device (15) has in each case two spaced-apart connection bodies (16) which adjoin the shell body (6) and project outwards in each case from the shell body (6). This setup comprises, moreover, in each case at least one connecting crosspiece (17), which extends in a bridge-like manner between the connection bodies (16) and, for impact-damping purposes, can be displaced resiliently at least in certain regions. The

shell body (6) and the impact-damping arrangement (14) are of single-piece configuration.

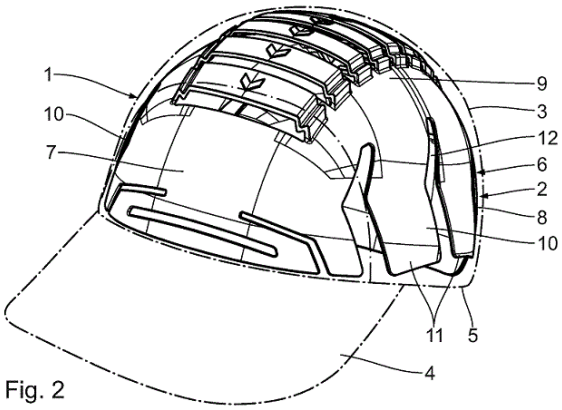
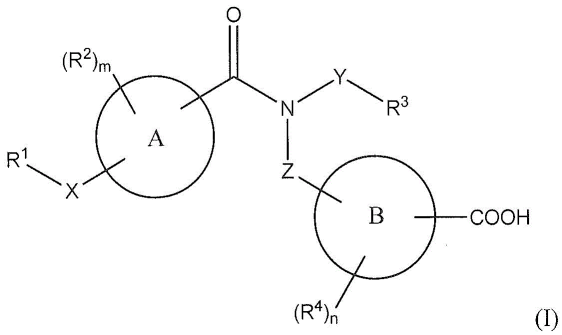


Fig. 2

21: 2016/00753. 22: 2016/02/03. 43: 2019/05/24
51: A61K; A61P; C07C; C07D
71: Takeda Pharmaceutical Company Limited
72: BUFFHAM, William, CANNING, Hannah, DAVENPORT, Richard, FARNABY, William, MACK, Stephen, PARMAR, Alka, WRIGHT, Susanne
33: GB 31: 1314926.5 32: 2013-08-20
54: AMIDE DERIVATIVES AS LYSOPHOSPHATIDIC ACID RECEPTOR ANTAGONISTS
00: -

The present invention provides compounds of formula (I) and pharmaceutically acceptable salts thereof, formula (I) wherein R^1. X, m. R^2, Y, R^3, Z, n, R^4. A and B are as defined in the specification, processes for their preparation, pharmaceutical compositions containing them and their use in therapy.



(I)

21: 2016/01117. 22: 2016/02/18. 43: 2019/05/02
51: B01J C07D
71: BASF SE, DOW GLOBAL TECHNOLOGIES LLC
72: TELES, Joaquim, Henrique, SEELIG, Bianca, RIEDEL, Dominic, KAMPE, Philip, URBANCZYK, Daniel, WEBER, Markus, MÜLLER, Ulrich, PARVULESCU, Andrei-Nicolae, GUMLICH, Kai, BASSLER, Peter, BARTOSCH, Christian, JACUBINAS, Richard, WEIDENBACH, Meinolf, WITZL, Werner
33: EP 31: 13177906.8 32: 2013-07-24
54: A PROCESS FOR PREPARING PROPYLENE OXIDE
00: -

A continuous process for the preparation of propylene oxide, comprising (i) providing a liquid feed stream comprising propene, hydrogen peroxide, acetonitrile, water, optionally propane, and at least one dissolved potassium salt of a phosphorus oxyacid wherein the molar ratio of potassium relative to phosphorus in the at least one potassium salt of a phosphorus oxyacid is in the range of from 0.6 to 1.4; (ii) passing the liquid feed stream provided in (i) into an epoxidation reactor comprising a catalyst comprising a titanium zeolite of structure type MVVW comprising zinc, and subjecting the liquid feed stream to epoxidation reaction conditions in the epoxidation reactor, obtaining a reaction mixture comprising propylene oxide, acetonitrile, water, the at least one dissolved potassium salt of a phosphorus oxyacid, optionally propene, and optionally propane; (iii) removing an effluent stream from the epoxidation reactor, the effluent stream comprising propylene oxide, acetonitrile, water, at least a portion of the at least one dissolved potassium salt of a phosphorus oxyacid, optionally propene, and optionally propane.

21: 2016/01873. 22: 2016/03/15. 43: 2019/06/25
51: G01N
71: UNIVERSITY OF CAPE TOWN
72: BLACKBURN, Jonathan Michael, YOUNG-GQAMANA, Brandy Leah, DHEDA, Keertan Unkha Jairam
33: GB 31: 1314873.9 32: 2013-08-20
54: METHOD FOR DIAGNOSING TUBERCULOSIS IN A URINE SAMPLE
00: -

A method of diagnosing tuberculosis disease or infection from a urine sample of a subject is provided, wherein the urine sample is tested for the presence of at least one Mycobacterium tuberculosis-specific biomarkers selected from Rv1475c, Rv1977, Rv0014c, Rv2748c, Rv1664, Rv1161, Rv2280, Rv2694c, Rv2490c, Rv0578c, Rv1450c, Rv1522c, Rv2737c, Rv2981c, Rv0765c, Rv2126c, Rv1759c, Rv1464, Rv3202c, Rv0668, Rv3345c, Rv3775, Rv3736, Rv2455c, Rv3885c and

Rv1235. The method can distinguish active tuberculosis disease from latent tuberculosis infection. A point-of-care diagnostic device and a kit for use in the method are also provided.

21: 2016/02015. 22: 2014/10/02. 43: 2019/05/21
51: B61H
71: WABTEC HOLDING CORP.
72: KOZIOL, MICHAEL, PLEGGE, RICHARD WAYNE, GREGAR, PETER PAUL
33: US 31: 61/885,599 32: 2013-10-02
33: US 31: 14/503,924 32: 2014-10-01
54: BAIL COMPENSATION JOINT FOR RAIL VEHICLES
00: -
A bail compensating joint may include a threaded push rod, a ratchet in threaded connection with the push rod for rotational motion thereon, and a helical joint including a first bearing and a second bearing mounted on the ratchet for facilitating rotation of the ratchet. The second bearing is supported by an annular composite race member formed by a metal annular inner race member joined with a resiliently deformable annular outer member. In another embodiment of the bail compensating joint, a pair of spherical joints is disposed on opposite sides of the ratchet, the spherical joints supporting the respective first and second bearings.

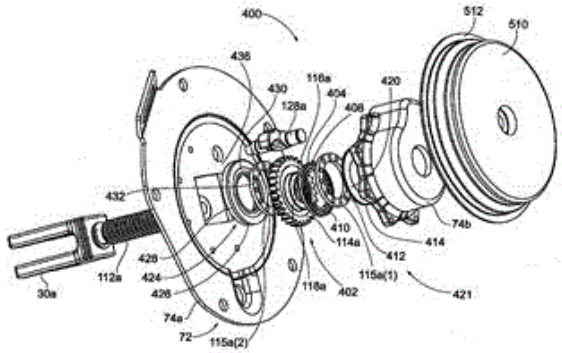


FIG. 13

21: 2016/02111. 22: 2016/03/30. 43: 2019/05/14
51: D21H
71: BASF SE
72: WRIGHT, Matthew, D.
33: US 31: 61/875,490 32: 2013-09-09
54: HIGH MOLECULAR WEIGHT AND HIGH CATIONIC CHARGE GLYOXALATED POLYACRYLAMIDE COPOLYMERS, AND THEIR METHODS OF MANUFACTURE AND USE
00: -
A cellulose reactive glyoxalated copolymer composition and methods of producing and using the glyoxalated copolymer composition to, for instance, strengthen paper or board are discussed. A glyoxalated copolymer composition includes an aqueous medium containing a glyoxalated copolymer, wherein the glyoxalated copolymer is obtained by reaction in an aqueous reaction medium of a dry weight ratio of glyoxalxationic copolymer. The cationic copolymer can have a weight average molecular weight of about 120,000 to about 1 million Daltons, the cationic copolymer can include diallyldimethylammonium halide monomer and acrylamide monomer, and a ratio a ratio of the weight average molecular weight of the cationic copolymer before glyoxalation to weight % of diallyldimethylammonium halide monomer making up the cationic copolymer before glyoxalation can be equal to or greater than 4,000 or range from 4,000 to 40,000 Daltons/weight %.

21: 2016/02259. 22: 2014/09/25. 43: 2019/05/24
51: C08L; A61K; C07H; C12N
71: ENGENE, INC.
72: GAO, JUN, HSU, ERIC, CHEUNG, ANTHONY
33: US 31: 61/882,500 32: 2013-09-25
54: DUALLY DERIVATIZED CHITOSAN NANOPARTICLES AND METHODS OF MAKING AND USING THE SAME FOR GENE TRANSFER IN VIVO
00: -
Provided herein is chitosan-derivative nanoparticle comprising chitosan functionalized with a cationic amino acid and a hydrophilic polyol; and methods of making and using same, e.g., for gene delivery in vivo.

21: 2016/02315. 22: 2014/10/29. 43: 2019/05/17
51: C07H
71: OTSUKA PHARMACEUTICAL CO., LTD.
72: CHOI, HYEONG-WOOK, MATHIEU, STEVEN, FANG, FRANK, LEWIS, BRYAN MATTHEW
33: US 31: 61/896,703 32: 2013-10-29
54: SYNTHETIC ROUTE TO 2'-DEOXY-2',2'-DIFLUOROTETRAHYDROURIDINES
00: -
The present invention relates to methods and intermediates for synthesizing 2'-deoxy-2',2'-difluorotetrahydrouridine compounds.

21: 2016/02441. 22: 2014/09/26. 43: 2019/05/21
51: H01M
71: PRESIDENT AND FELLOWS OF HARVARD COLLEGE
72: HUSKINSON, BRIAN, MARSHAK, MICHAEL, AZIZ, MICHAEL J, GORDON, ROY G, ASPURU-GUZIK, ALAN, ER, SULEYMAN, SUH, CHANGWON, TONG, LIUCHUAN, LIN, KAIXIANG
33: US 31: 61/883,110 32: 2013-09-26
54: QUINONE AND HYDROQUINONE BASED FLOW BATTERY
00: -
The invention provides an electrochemical cell based on a new chemistry for a flow battery for large scale, e.g., gridscale, electrical energy storage. Electrical energy is stored chemically in quinone molecules having multiple oxidation states, e.g., three or more. During charging of the battery, the quinone molecules at one electrode are oxidized by emitting electrons and protons, and the quinone molecules at the other electrode are reduced by accepting electrons and protons. These reactions are reversed to deliver electrical energy. The invention also provides additional high and low potential quinones that are useful in rechargeable batteries.

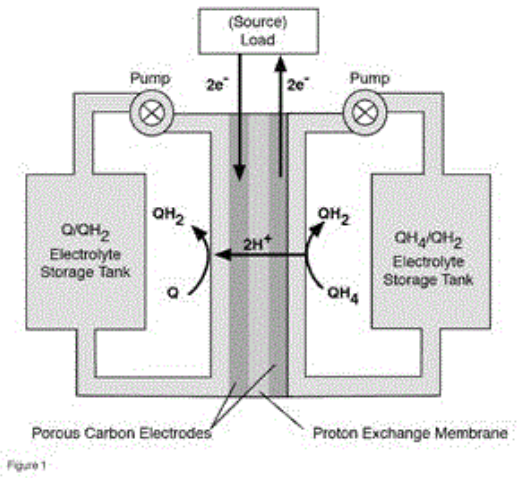


Figure 1

21: 2016/02657. 22: 2016/04/19. 43: 2019/04/25
51: A01N A01P
71: BASF AGROCHEMICAL PRODUCTS, B.V., UNIVERSIDADE ESTADUAL DE MARINGÁ, CENTRO DE CIENCIAS AGRARIAS, DEPATAMENTO DE AGRONOMIA
72: ETCHEVERRY, Mariano, Ignacio, RUNGE, Frank, QUEIROZ, Paulo Cesar, CARDOSO, Lucelena Patricio, CONSTANTIN, Jamil, VELHO, Gilberto, COLLETTE, Lucio de Paula, MARISCAL, Fredy
33: EP 31: 13191335.2 32: 2013-11-04
33: US 31: 61/882,644 32: 2013-09-26
54: METHOD FOR CONTROLLING WEEDS IN SUGAR CANE PLANTATIONS
00: -
Methods for controlling weeds in sugar cane plantations, wherein at least one herbicide (A) is applied as solid agrochemical formulation (B) to the plantation; and solid agrochemical formulations (B), which are dry, ready for use granules, comprising at least one herbicide (A) selected from metribuzin, diuron, bentazone, hexazinone, tebuthiuron, sulfentrazone, imazapic, imazapyr, glyphosate, MSMA, ametryn, clomazone, isoxaflutole, mesotrione, amicarbazone, atrazine, paraquat, 2,4-D, pendimethalin, saflufenacil and 1,5-dimethyl-6-thioxo-3-(2,2,7-trifluoro-3-oxo-4-(prop-2-ynyl)-3,4-dihydro-2H-benzo[b][1,4]oxazin-6-yl) -1,3,5-triazinane-2,4-dione (CAS 1258836-72-4) and at least one carrier (C) selected from the groups (C1) to (C7): (C1) organic based materials (botanicals); (C2) fertilizers; (C3) clays; (C4) carbonates; (C5) sulfates; (C6) synthetic of synthetically modified minerals; (C7) synthetic polymers, polymer dispersions and superabsorbent polymers.

21: 2016/03135. 22: 2016/05/10. 43: 2019/07/01
51: E04G
71: WILHELM LAYHER VERWALTUNGS-GMBH
72: Helmut KRELLER
33: DE 31: 10 2014 100 498.1 32: 2014-01-17
54: SCAFFOLD BAR
00: -
The invention concerns a metal scaffold bar (20.1) with a steel beam profile (21.1) comprising two beam profile ends (32.1, 32.2) that extend away from one another and to which a metal fastening means (33.1) is welded for detachably fastening the scaffold bar (20.1) to other scaffold parts (41). A U-shaped reinforcement profile (22.1) made of sheet steel is welded to the beam profile (21.1) using the fastening ends of the side branches of the U-shaped profile. The height of the U-shaped reinforcement profile is greater than the height of the beam profile and the

width of the U-shaped reinforcement profile is smaller than the width of the beam profile by more than double the thickness of the beam profile (21.1).

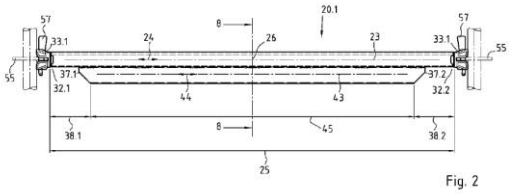


Fig. 2

21: 2016/03352. 22: 2016/05/17. 43: 2019/05/24
51: F42D
71: MASTER BLASTER PROPRIETARY LIMITED
72: DAVIS, Mark, Rodney
33: ZA 31: 2013/07947 32: 2013-10-24
54: MULTI-WAY TUBULAR CHANNEL CONNECTOR BLOCK
00: -

The Invention provides a multi-way tubular connector block including a body having a primary tubular channel of a first diameter, one or more resiliency deformable plug portions having secondary channels of a secondary diameter there through, and a securing mechanism for securing the plug portions to the body, wherein the body has at least two openings or ports in communication with the primary tubular channel, the securing mechanism for securing the resiliency deformable plug portion being provided on at least one of the posts, and wherein the secondary diameters of the secondary channels are sized and dimensioned to permit snug fitting of a shock tube therein so that, In use, a plurality of shook tubes are secured in the plug portions so that at least some open ends of the shock tubes are in communication with the primary tubular channel. The Invention extends to a multi-way composite connector block having a plurality of multi-way tubular connector block portions substantially as described above, wherein one port of each of said tubular connector blocks Is secured in communication with a corresponding port of at least one other of said tubular connector blocks, the composite multi-way connector block including one or more initiation ports Into which one or more detonators and/or igniters are secured, so that In use when the igniters and/or detonators are initiated, a signal is propagated to each of the tubular connector blocks and through said connector block out along shock a plurality of shock tubes.

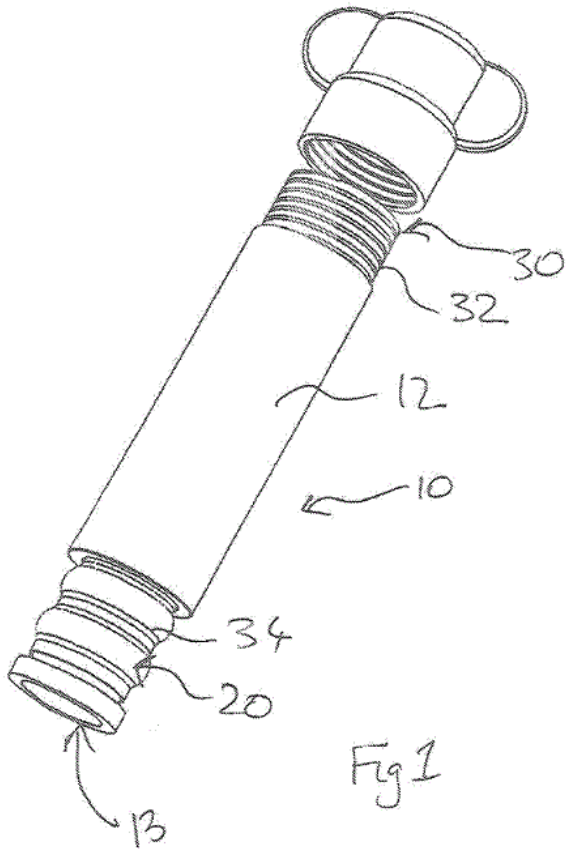


Fig 1

21: 2016/03465. 22: 2016/05/20. 43: 2019/05/24
51: A61K; A61P
71: Bayer Pharma Aktiengesellschaft
72: ALBRECHT-KÜPPER, Barbara, LEINEWEBER, Kirsten, KRETSCHMER, Axel, MEIBOM, Daniel, VAKALOPOULOS, Alexandros, DIEDRICHS, Nicole, ZIMMERMANN, Katja
33: EP(DE) 31: 13196780.4 32: 2013-12-12
54: ADENOSINE A1 AGONISTS AS MEDICAMENTS AGAINST RENAL DISEASES
00: -

The invention relates to selective partial adenosine A1 receptor agonists of formula (I) and to the use thereof for the treatment and/or prevention of diseases and to the use thereof for producing medicaments for treating and/or preventing diseases, preferably acute and/or chronic renal diseases (primary disease and secondary disease) with or without accompanying acute and/or heart diseases.

21: 2016/03502. 22: 2016/05/23. 43: 5019/07/01
51: C08L
71: BOREALIS AG
72: Georg GRESTENBERGER, Claudia KNIESEL, Daniela MILEVA, Dietrich GLOGER
33: EP 31: 13195768.0 32: 2013-12-04
54: POLYPROPYLENE COMPOSITION WITH EXCELLENT PAINT ADHESION
00: -
The present invention is directed to a polypropylene composition, an article comprising the polypropylene composition as well as the use of the polypropylene composition to enhance paint adhesion of a molded article

21: 2016/03695. 22: 2016/05/31. 43: 2019/07/01
51: C08F; C08L
71: ABU DHABI POLYMERS CO. LTD (BOROUGE) L.L.C., BOREALIS AG
72: Janne LAMPELA, Geir JOHNSEN
33: EP 31: 13198670.5 32: 2013-12-19
54: MULTIMODAL POLYPROPYLENE WITH RESPECT TO COMONOMER CONTENT
00: -
Multimodal polypropylene with high melt flow comprising two propylene copolymer fractions with different comonomer content.

21: 2016/03968. 22: 2016/06/10. 43: 2019/05/09
51: A23K
71: DSM IP Assets B.V.
72: IMMIG, Irmgard, STEINBERG, Wolfgang, MC GRATH, Joseph
33: EP(NL) 31: 13197157.4 32: 2013-12-13
54: NOVEL USE OF BIOTIN AND NATURAL ESSENTIAL OILS FOR BOVINE ANIMALS TO IMPROVE BEEF QUALITY
00: -
The present invention is made for the purpose of improving beef quality and upgrading its fat marbling standard (which is called beef marbling standard, or BMS). The fat marbling state is generally called "Shimofuri" in Japanese. This purpose is achieved by feeding to the animal biotin in combination with a mixture of at least two essential oil compounds selected from the group consisting of thymol, eugenol, meta-cresol, vaniline and guajacol. In a preferred embodiment of the invention, biotin is used in an amount sufficient to provide a daily dosage of 0.01 mg to 0.3 mg per kg body weight and the essential oils are administered in amounts (total dosage ranges of essential oils) of 0.5 to 4 mg per kg body weight per day. In terms of the quality of the meat, the combined use of biotin and the essential oils as defined above shows significant differences in the fat marbling (Shimofuri), luster, firmness and texture of the meat compared to the meat of non-treated animals.

21: 2016/04040. 22: 2016/06/14. 43: 2019/05/24
51: G06Q
71: Thales Nederland B.V.
72: HAMMING, Jan-Egbert, KOUDIJS, Frank, COLIJN, Frank, VAN WENSVEEN, Pim
33: EP(NL) 31: 13198152.4 32: 2013-12-18
54: METHOD, SYSTEM AND COMPUTER PROGRAM FOR DECISION SUPPORT
00: -
Embodiments of the invention provide a decision support method for use by an operator surrounded by adverse entities in a battlefield environment, the method comprising generating a layered representation (200) of the physical environment surrounding the operator from sensor information by mapping the spherical physical environment (100) of the operator into a geometrical representation suitable for display on a screen, said representation being segmented into a plurality of layers (201, 202, 203, 204, 205) having respective sizes, each layer being associated with a respective category of tactical actions. The representation further including visual elements (230) representing adverse entities in the surrounding physical environment of the operator, each visual element being represented so as to be superposed with a given layer.

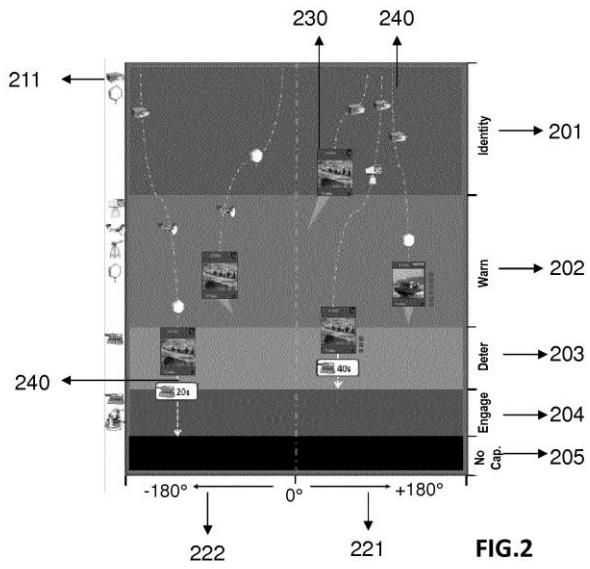
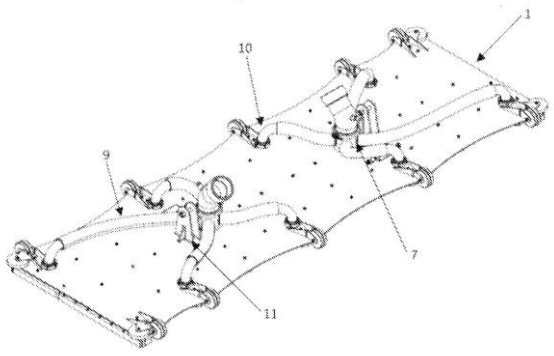


FIG.2

21: 2016/04076. 22: 2016/06/15. 43: 2019/05/21
51: A47L
71: Crystal Lagoons (Curacao) B.V.
72: FISCHMANN TORRES, Fernando Benjamin, PRIETO DOMINGUEZ, Jorge Eduardo
54: SUCTIONING DEVICE FOR LARGE ARTIFICIAL WATER BODIES
00: -

The present invention relates to a flexible suctioning device for suctioning floes from the bottom of large artificial water bodies with surfaces larger than 10,000 m and with bottoms covered with plastic liners that do not have centralized filtration systems, and that is able to clean a bottom surface of large artificial water bodies at a surface cleaning rate of 325,000 ft ² per 24 hours (30,000 m² per 24 hours) or more, where the bottom surface of the large artificial water bodies can be irregular and sloped, and where the suctioning device is reversible and is supported by a plurality of brushes, comprising first brushes, disposed to provide appropriate support to the suction device and minimize the dispersion and re-suspension of settled floes. The suctioning device is designed in order to concentrate the suction power in a series of suction points, where the suctioning device is connected to an external filtration system that may not be attached to the suctioning device.

Figure 01



21: 2016/04329. 22: 2016/06/27. 43: 2019/07/01
51: B01F; C10B
71: Rawya Lotfy MANSOUR
72: Rawya Lotfy MANSOUR
33: FR 31: 13 62090 32: 2013-12-04
54: DEVICE FOR PRODUCING GREEN COAL FOR AGRICULTURAL USE
00: -

The present invention concerns device for producing green coal for agricultural use from organic agricultural materials comprising: a container (5) suitable for receiving the organic materials, an enclosure (1) enclosing the container (5) and delimiting an intermediate space around the container (5), a system for heating the intermediate space and a rotary stirring system configured to stir the organic materials placed in the container (5), characterised by the fact that the rotary stirring system comprises a plurality of blades (15) that are fixed relative to the container (5) and a plurality of blades (14a, 14b) that are mobile in rotation relative to the container (5), the plurality of fixed blades (15) being distributed between at least two stages of fixed blades (15) along the axis (13) of rotation, the plurality of mobile blades (14a, 14b) being distributed between at least two stages of mobile blades along the axis (13) of rotation, the stages of fixed blades and the stages of mobile blades alternating along the axis (13) of rotation.

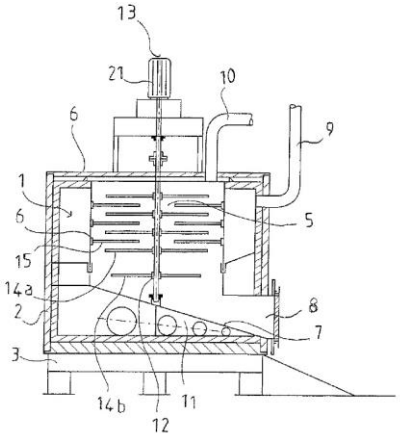


FIG. 1

21: 2016/04451. 22: 2014/10/29. 43: 2019/05/24
51: A61K; A61P
71: CIMA LABS INC.
72: HASWANI, DINESH K, MOE, DEREK V, O'NEILL, VICTORIA A, VEGA ZEPEDA, MANUEL A
33: US 31: 14/477,354 32: 2014-09-04
33: US 31: 61/898,207 32: 2013-10-31
33: US 31: PCT/US2014/054061 32: 2014-09-04

33: US 31: PCT/US2014/047014 32: 2014-07-17
33: US 31: 14/484,793 32: 2014-09-12
33: US 31: 14/333,986 32: 2014-07-17
54: IMMEDIATE RELEASE ABUSE-DETERRENT GRANULATED DOSAGE FORMS
00: -
Described are immediate release oral dosage forms that contain abuse-deterrent features. In particular, the disclosed dosage forms provide deterrence of abuse by ingestion of multiple individual doses. In addition, the disclosed dosage forms provide protection from overdose in the event of accidental or intentional ingestion of multiple individual doses.

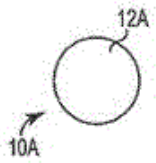


Fig. 1A

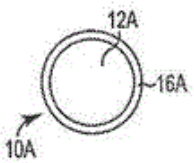


Fig. 1B

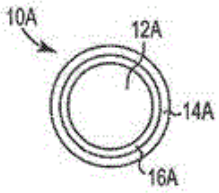
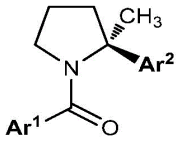


Fig. 1C

21: 2016/04502. 22: 2016/07/01. 43: 2019/05/23
51: A61K; A61P; C07D
71: Idorsia Pharmaceuticals Ltd
72: BOSS, Christoph, ROCH, Catherine, BROTSCHI, Christine, GUDE, Markus, HEIDMANN, Bibia, JENCK, Francois, SIFFERLEN, Thierry, STEINER, Michel, WILLIAMS, Jodi T.
33: PCT/IB(CH) 31: 2013/060630 32: 2013-12-04
54: USE OF BENZIMIDAZOLE-PROLINE DERIVATIVES
00: -

The present invention relates to compounds of the formula (I), wherein Ar^1 and Ar^2 are as described in the description and to their use as pharmaceuticals for the treatment of sundown syndrome. The invention also relates to the preparation of such compounds and of pharmaceutically acceptable salts thereof.



Formula (I)

21: 2016/04909. 22: 2014/12/17. 43: 2019/05/24
51: F42B
71: RUAG AMMOTEC GMBH
72: WINTER, ANDREAS, ULRICH, GEORG
33: DE 31: 10 2013 022 323.7 32: 2013-12-19
54: METHOD FOR PRODUCING ELECTRIC TRIGGER ELEMENTS FOR PYROTECHNIC ARTICLES
00: -
The invention relates to a method for producing electric trigger elements for pyrotechnic articles, such as fuses or igniters, in which in a first stage a) a coating is applied by photolithography to an electrically non-conductive substrate, b) a conductive material having a specific resistance of 0.1 Ω*mm to 5.0 Ω*mm is applied to the coating and substrate by means of a PVD process in a layer thickness of 0.02 µm to 8.0 µm, and c) the coating is removed from the substrate, and optionally in a second stage d) a photolithographic process is again carried out, in which a precisely defined area of the resistor strip is covered with photoresist, e) the entire substrate surface is coated with a layer of a metal having a specific resistance of 0.01 Ω*mm to 0.1 Ω*mm in a thickness of 0.1 µm to 20 µm, wherein the application of the metal is such that no metal adheres in areas which comprise substrate that is bare from the first photolithography process, and f)

the coating from the second photolithography process is again removed.

21: 2016/05464. 22: 2016/08/05. 43: 2019/07/01
51: H03K
71: Roberto AIROLDI
72: Roberto AIROLDI
33: EP 31: 14305028.4 32: 2014-01-09
54: INVISIBLE, CONTACTLESS SWITCH DEVICE
00: -

The invention relates to a switch device for attaching behind an opaque wall (32) such that it is invisible from outside said wall and for controlling the connection of an electrical appliance (44), said device comprising a first module (10) and a second module (12) for carrying out the connection between the electrical appliance and a power supply source. The first module comprises a capacitive detector (16) provided with a capacitor on a printed circuit board which changes value when a user on the outside places their hand (34) close to the wall, at the site where the device is attached. The capacitor is contained within a metal frame, the function of which is to delimit the capacitive field created by the capacitor within the plane of the board and to maximise said field perpendicularly to the plane of the board.

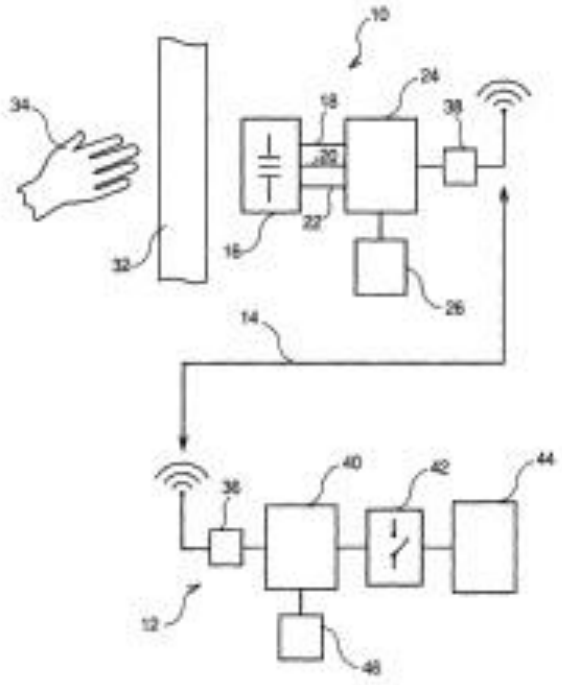
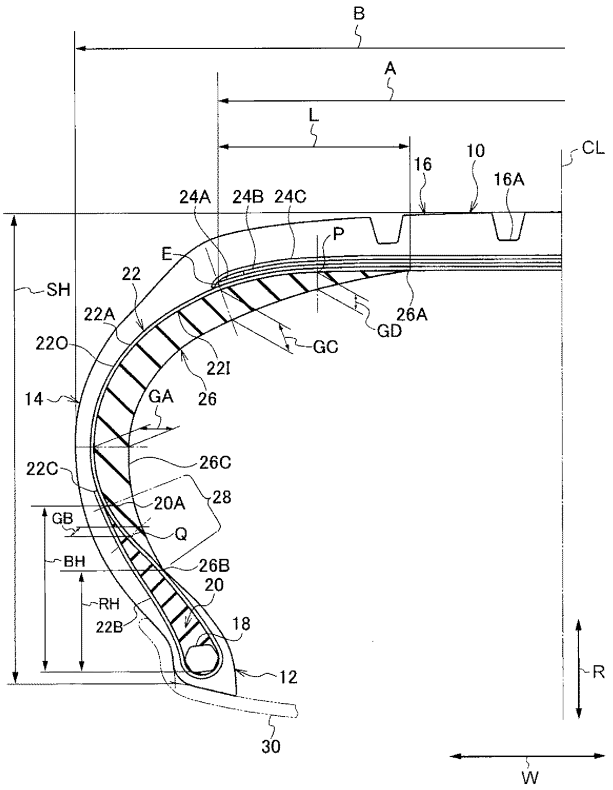


FIG. 1

21: 2016/05555. 22: 2016/08/10. 43: 2017/08/01
51: B60C
71: BRIDGESTONE CORPORATION
72: OGAWA, Gaku
33: JP 31: 2014-018920 32: 2014-02-03
54: RUN-FLAT RADIAL TIRE
00: -

Provided is a run-flat radial tire that has a tire cross-sectional height of 115 mm or more and includes: a carcass extending between a pair of bead parts; a side-reinforcing rubber layer disposed on a tire side part and extending in a tire radial direction along the inner surface of the carcass; and one or more slanting belt layers located outside the carcass in the tire radial direction and having cords extending in a direction slanting with respect to a tire circumferential direction, wherein the width of overlap between the maximum width slanting belt layer, which has the largest width of the one or more slanting belt layers in a tire axis direction, and the side-reinforcing rubber layer in the tire axis direction is equal to or greater than 22.5 % of the tire cross-sectional height at one or both ends of the maximum width slanting belt layer in the tire axis direction.



21: 2016/05894. 22: 2016/08/24. 43: 2019/05/22
51: A61K; A61P; C07K
71: REGENERON PHARMACEUTICALS, INC.
72: THURSTON, Gavin, KIRSHNER, Jessica, R., MACDONALD, Douglas, MARTIN, Joel, H., DELFINO, Frank, NITTOLI, Thomas, KELLY, Marcus
33: US 31: 61/950,963 32: 2014-03-11
54: ANTI-EGFRVIII ANTIBODIES AND USES THEREOF
00: -
The present disclosure provides antibodies that bind to the class III variant of EGFR (EGFRvlll) and methods of using the same. According to certain embodiments, the antibodies of the disclosure bind human EGFRvlll with high affinity. The antibodies of the disclosure may be fully human antibodies. The disclosure includes anti-EGFRvlll antibodies conjugated to a cytotoxic agent, radionuclide, or other moiety detrimental to cell growth or proliferation. The antibodies of the disclosure are useful for the treatment of various cancers.

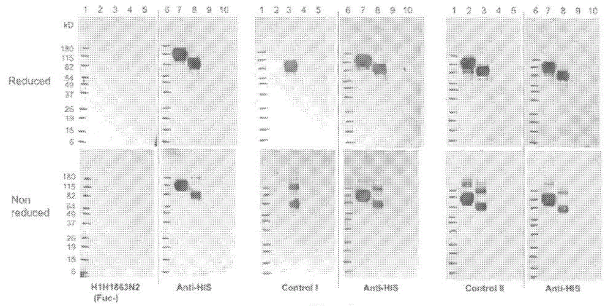
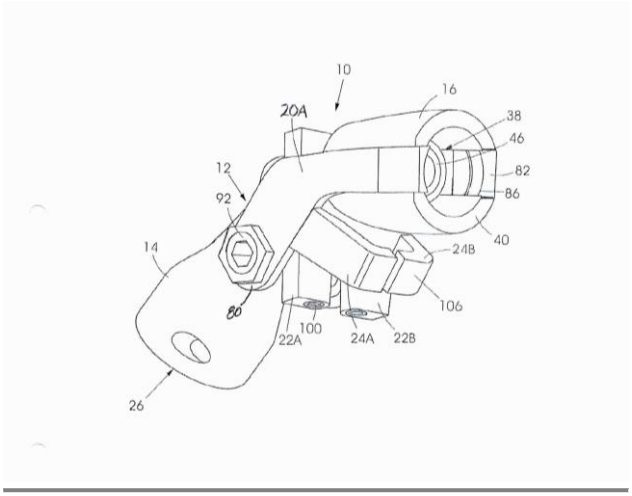


Fig. 1a

21: 2016/06376. 22: 2016/09/15. 43: 2019/07/09
51: F16L
71: NCM INNOVATIONS (PTY) LTD
72: TYRER, David Charles
33: ZA 31: 2015/06947 32: 2015-09-18
54: SELF RELEASE NOZZLE
00: -
The invention provides a filler nozzle for a pressure inflatable device which includes a body with an input end and an output end, a first passage which extends through the body and which opens at the input and the output end and which passage is adapted at the input end and the output end to receive a fluid input hose and a connector button of the inflatable device respectively, a channel conduit formed in the wall of the first passage, a second passage which deviates from the first passage and which terminates at an opening to the body, a third conduit which fluidly communicates the second passage with the channel conduit, a bored nozzle valve in the first passage which is movable towards the output end to abut the connector button in engagement of the inflatable device and which seals the channel conduit to water inflow when a connector formation of the button is of a first predefined thickness but does not seal the recessed conduit when the button is of a second predefined thickness, an actuator cylinder in the second passage which is sealingly engaged within the second passage and which is adapted to be driven outwardly at a predefined force from fluid pressure, at a first value, from the first passage or from fluid pressure, at a second value, from the first passage and the third passage, a clamping arrangement engaged with the body and which is moveable between a biased closed position in which it holds the button within the output end, and an open position in which the button is released to disengage the inflatable device from the filler nozzle, a moving

arrangement engaged with the body that is actuated by contact, with the actuator cylinder at the opening when driven outwardly to move the clamping arrangement from the biased closed position to the open position.



21: 2016/06589. 22: 2016/09/23. 43: 2019/05/16
51: A41D; F41H
71: MED-ENG, LLC
72: LEVINE, Jeff, HEDGE, Clint, JEFTIC-STOJANOVSKI, Gordana, KEOWN, Matthew, REDDIN, Dan, SLOBOZIANU, Magda, BELAND, Rob, NIELSEN, Soeren, DICKE, William, WATSON, Matthew
33: US 31: 14/865,550 32: 2015-09-25
54: BOMB DISPOSAL SUIT WITH BACK PROTECTOR
00: -
A bomb disposal suit includes a jacket, trousers, and a back protector connected between the jacket and the trousers. The back protector includes a body of impact resistant material having a plenum with an intake opening to receive forced air and with outlet openings to direct forced air out of the plenum. A fan forces air into the intake opening. The back protector can transmit load vertically from the jacket to the trousers, for example, via a back plate.

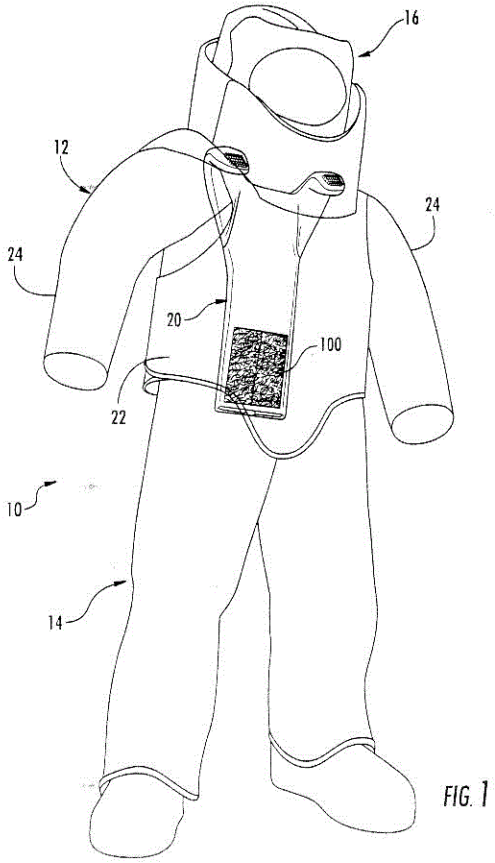
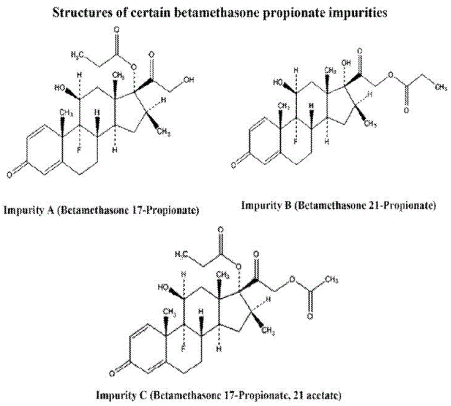


FIG. 1

21: 2016/06704. 22: 2016/09/28. 43: 2019/05/16
51: A61K
71: PROMIUS PHARMA LLC
72: KANDAVALLI, Sateesh, SAHUKAR, Priyadarshani, OKUMU, Franklin
33: US 31: PCT/US2015/020031 32: 2015-03-11
33: US 31: 14/645,338 32: 2015-03-11
54: TOPICAL CORTICOSTEROID COMPOSITIONS
00: -
Compositions for the topical administration of an active agent comprise a corticosteroid and a fatty alcohol as a skin penetration enhancer, in the form of topical sprays. Processes for preparing such compositions and methods of using them in management of skin diseases or disorders such as psoriasis, dermatoses, and other associated skin diseases or disorders, are described.



21: 2016/07177. 22: 2015/03/25. 43: 2019/05/24
51: C07K
71: LANTHIOPEP B.V.
72: RINK, RICK
33: EP 31: 14161533.6 32: 2014-03-25
54: CYCLIC APELIN ANALOGS
00: -
The invention relates to the field of pharmacology. In particular, it relates to novel analogs of apelin, and to the therapeutic uses thereof. Provided is cyclic apelin analog of the general formula X1-X2-X3-X4-X5-X6-X7-X8-X9-X10-X11-X12-X13- X14, comprising a Lanthionine bridge of the structure Ala-S-Ala or a methylLanthionine bridge of the structure Abu-S-Ala or Ala-S-Abu and wherein said (methyl)Lanthionine bridge is of the size i, i+3; i, i+4, i, i+5 or i, i+6.

21: 2016/07281. 22: 2016/10/21. 43: 2019/07/01
51: G01V; H03F; H03K; H04B
71: BLACKBARK ENTERPRISES PTY LTD
72: Andrew James CARPENTER, Brett Gardiner RANKIN, Bruce KALAN, Howard LOVATT, Keith LESLIE
33: AU 31: 2014901049 32: 2014-03-24
54: HIGH FREQUENCY MODULATED TRANSMITTER ARRANGEMENT
00: -
The invention discloses a high frequency modulated transmitter arrangement for use in geophysical surveying. The transmitter arrangement has a switching transmitter operatively joined to a transmitter loop, wherein the switching transmitter is adapted to control electrical current flow in the transmitter loop. The switching transmitter receives an input voltage and produces an output voltage for causing the current flow in the transmitter loop, wherein the output voltage is regulated by pulse width modulation of the input voltage to produce a desired current waveform in the transmitter loop.

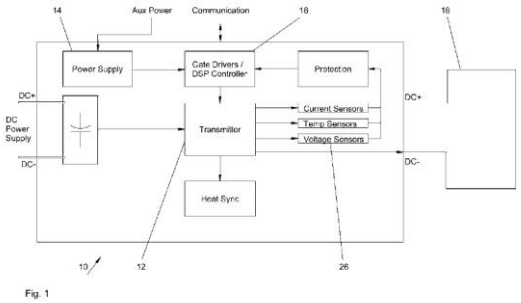


Fig. 1

21: 2016/07322. 22: 2016/10/24. 43: 2019/05/14
51: H04W
71: Huawei Technologies Co., Ltd.
72: SHAO, Jiafeng, QU, Bingyu, LI, Qiang
54: POWER CONFIGURATION METHOD, USER EQUIPMENT AND BASE STATION
00: -
Provided are a power configuration method, user equipment (UE) and base station, the method comprising: when a UE transmits data to a first network side device via a first channel and to a second network side device via a second channel, determining that the first channel separately overlaps the second channel and a third channel, the first part of a first subframe j where the first channel exists overlapping a second subframe i where the second channel exists, the second part, other than the first part, of the first subframe j overlapping the first part of a third subframe i+1 where the third channel exists, and the third subframe i+1 being a subframe next to the second subframe i; and according to the priorities of the first channel and the second channel, allocating a first transmission power for the first subframe j, and allocating a second transmission power for the second subframe i, the first transmission power being less than or equal to a first power upper limit value, the sum of the first transmission power and the second transmission power being less than or equal to a first threshold, and the sum of the third transmission power of the third subframe i+1 and the first power upper limit value being less than or equal to a second threshold.

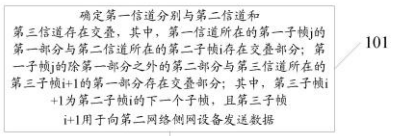


图 3 / Fig. 3

101 DETERMINING THAT A FIRST CHANNEL SEPARATELY OVERLAPS A SECOND CHANNEL AND A THIRD CHANNEL, THE FIRST PART OF A FIRST SUBFRAME J WHERE THE FIRST CHANNEL EXISTS OVERLAPPING A SECOND SUBFRAME I WHERE THE SECOND CHANNEL EXISTS, THE SECOND PART, OTHER THAN THE FIRST PART, OF THE FIRST SUBFRAME J OVERLAPPING THE FIRST PART OF A THIRD SUBFRAME I+1 WHERE THE THIRD CHANNEL EXISTS, THE THIRD SUBFRAME I+1 BEING A SUBFRAME NEXT TO THE SECOND SUBFRAME I, AND THE THIRD SUBFRAME I+1 BEING USED TO TRANSMIT DATA TO A SECOND NETWORK SIDE DEVICE

102 ACCORDING TO THE PRIORITIES OF THE FIRST CHANNEL AND THE SECOND CHANNEL, ALLOCATING A FIRST TRANSMISSION POWER FOR THE FIRST AND SECOND PARTS OF THE FIRST SUBFRAME, AND ALLOCATING A SECOND TRANSMISSION POWER FOR THE SECOND SUBFRAME

21: 2016/07422. 22: 2016/10/27. 43: 2019/05/27
51: H04J; H04L; H04W
71: QUALCOMM Incorporated
72: SORIAGA, Joseph Binamira, JI, Tingfang, SMEE, John Edward, BHUSHAN, Naga, GAAL, Peter, MUKKAVILLI, Krishna Kiran, GOROKHOV, Alexei Yurievitch
33: US 31: 62/004,337 32: 2014-05-29
54: ASYNCHRONOUS MULTICARRIER COMMUNICATIONS
00: -
Apparatuses and methods for performing asynchronous multicarrier communications are provided. One such method involves generating, at a first wireless device, a waveform including one or more carriers, shaping the waveform to reduce interference between the waveform and adjacent waveforms, and transmitting, on a spectrum, the shaped waveform asynchronously.

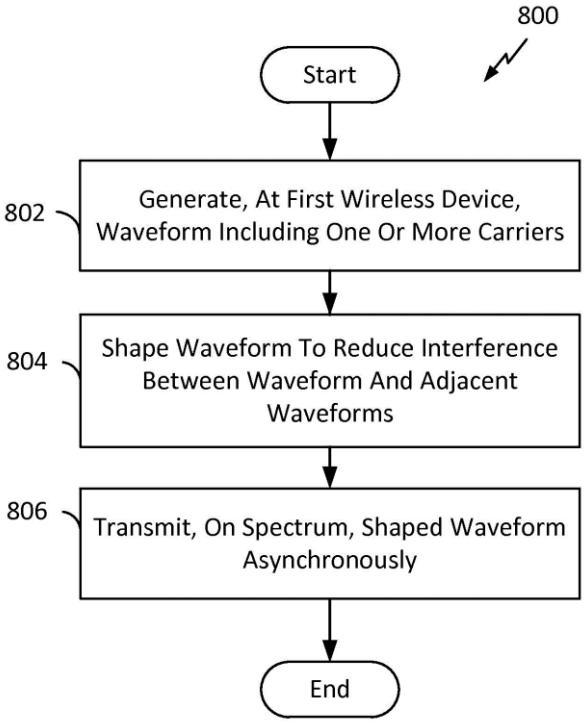


FIG. 8
Transmitter

21: 2016/07434. 22: 2016/10/27. 43: 2019/05/28
51: G07C
71: CORDINER, Peter Alexander, METCALF, Kenneth Grant
72: CORDINER, Peter Alexander, METCALF, Kenneth Grant
33: ZA 31: 2014/06131 32: 2014-08-21
54: AN ELECTRONIC LOCKING SYSTEM
00: -
A system and method for enabling opening of an electronic locking device (12) from a remote location is disclosed. A remotely accessible server (14) receives an opening request to open an electronic locking device (12) which secures a closing member (18). The opening request includes a unique identifier of the electronic locking device (12) and personal identification information of a mobile communications device (28) requesting to open the electronic locking device (12). The server (14) then determines, based on predefined parameters, whether the mobile communications device (28) is permitted to open the electronic locking device (12). If the server (14) determines that the mobile communications device (28) is permitted to open the electronic locking device (12), then it transmits an

opening instruction to the electronic locking device (12) to unlock the closing member (18). In an embodiment, the predefined parameters include a proximity range of the mobile communications device (28) to the electronic locking device (12).

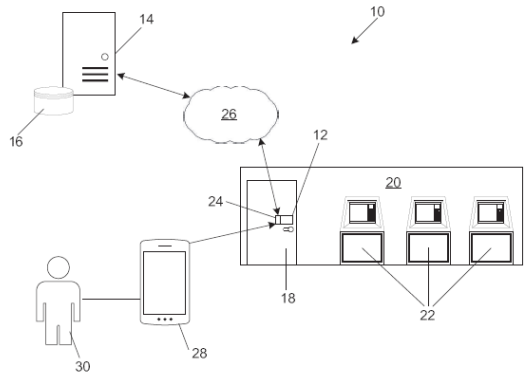
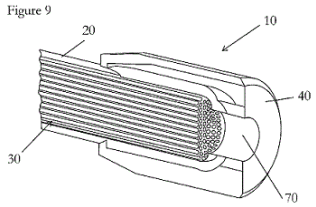


FIGURE 1

21: 2016/07531. 22: 2016/11/01. 43: 2019/05/02
51: B67D
71: MODERNISE UK LTD, BROWNE-WILKINSON, Oliver
72: BROWNE-WILKINSON, Oliver
33: GB 31: 1406179.0 32: 2014-04-04
54: A LIQUID DISPENSING DEVICE
00: -
Typical dispensers of liquids such as for beer often induce froth into the liquid as it is dispensed. This is not always desirable especially if too much froth is produced leading to waste. A liquid dispensing device (10) comprising a plurality of tubes (30) each tube having a diameter less than 2 mm is described to address the issue of over-frothing.



21: 2016/07576. 22: 2016/11/02. 43: 2019/05/16
51: A63H; G10K
71: ELBY INNOVATION LIMITED
72: O'DALY, Liam Bryan
33: NZ 31: 623827 32: 2014-04-14
33: NZ 31: 631221 32: 2014-09-11
54: MUSICAL SOUND GENERATOR
00: -
A musical sound generator comprising a tube defining a resonant cavity, the tube comprising a plurality of sound producing chimes configured to produce an audible sound when at least one object impacts on at least one of the chimes; a reservoir configured to hold a number of objects; and a transfer mechanism configured to transfer the objects from the reservoir to an elevated position within the resonant cavity, wherein the objects fall down from the elevated position within the resonant cavity by gravity after being transferred by the transfer mechanism, to strike the plurality of sound producing chimes; and wherein the position of the reservoir is configured to be moved depending on the level of the objects held in the reservoir.

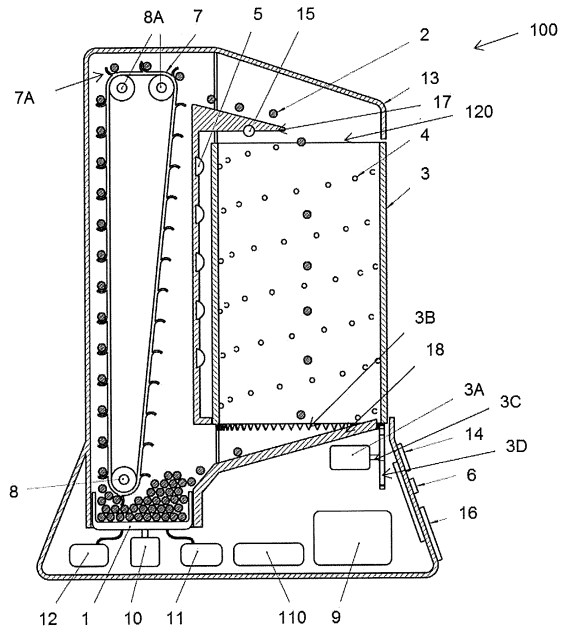


FIGURE 1

21: 2016/07845. 22: 2015/05/29. 43: 2019/05/17
51: G01N; C12Q
71: CSIR
72: GOVINDASAMY, KLARISKA, POTGIETER, SURETHA, LAND, KEVIN JOHN, KUMAR, SHAVON
33: ZA 31: 2014/03971 32: 2014-05-30
54: METHOD AND DEVICE FOR DETECTION OF WHOLE ORGANISM BACTERIA
00: -

The present invention provides for lateral flow devices, microfluidic devices and methods for detecting whole-organism bacteria in a water sample. The devices and methods provide for the rapid on-site detection of whole-organism bacteria in a water sample.

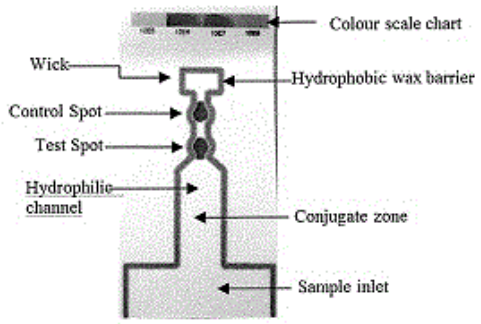


Figure 7

21: 2016/07947. 22: 2016/11/17. 43: 2019/05/27
51: A61B; A61M
71: AbbVie Biotechnology Ltd.
72: JULIAN, Joseph F., LI, Chuan, EIGER, Aaron B., KURTH, Mark, KATZ, Sabrina, CALLIF, Adam, STANGO, James C.
33: US 31: 61/435,465 32: 2011-01-24
54: AUTOMATIC INJECTION DEVICES HAVING OVERMOLDED GRIPPING SURFACES
00: -
Exemplary embodiments provide automatic injection devices, housing components for automatic injection devices and methods for fabricating the same. An exemplary housing of an automatic injection device may be overmolded with one or more gripping surfaces to facilitate gripping and manipulation of the automatic injection device by a user when performing an injection. In an exemplary embodiment, an overmolded left gripping surface may extend along a left side of the housing and an overmolded right gripping surface may extend along a right side of the housing opposite to the left side.

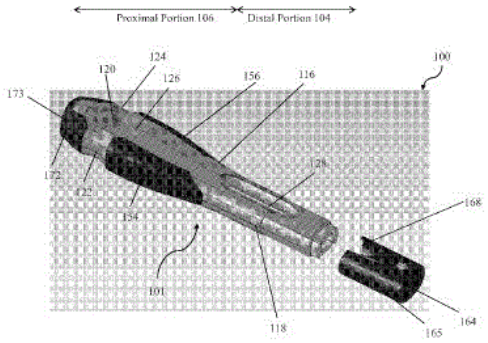


Figure 1

21: 2016/08146. 22: 2016/11/24. 43: 2019/06/27
51: G05B; G06F; H04L
71: PB INNOVATE PTY LTD
72: PIETER DE BOER
33: AU 31: 2014902127 32: 2014-06-03
54: INFORMATION RETRIEVAL SYSTEM AND METHOD
00: -
An information retrieval system (1) for use with a control system (10) in a plant having processes and/or pieces of equipment, the control system (10) connected with at least one input component and/or at least one output component for monitoring and controlling the processes and the pieces of equipment, the control system enabled to produce state indications (12) from the input and output components indicating potential fault in one or more of: at least one input and/or output component; at least one process; at least one piece of equipment; a part of the control system (10); or, a part of the plant.

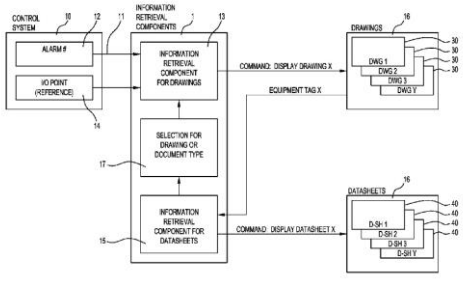


Figure 2

21: 2016/08379. 22: 2016/12/05. 43: 2019/06/04
51: B42D
71: GEMALTO AG, ORELL FÜSSLI SICHERHEITSDRUCK AG
72: SAILER, Christian, ABT, Felix, CHOSSON, Sylvain
33: WO 31: PCT/EP2015/062577 32: 2015-06-05

54: METHOD FOR PRODUCING A SECURITY ELEMENT

00: -

A method serves for producing an authenticity information item (2) of a security element (1), which authenticity information item (2) serves for checking the correct combination of at least two, or exactly two, carrier parts (3, 4, 5), wherein the security element (1) comprises at least one first partial element (6) having a first partial information item (7) and a second partial element (8) having a second partial information item (9), wherein the first partial element (6) is assignable to a first carrier part (3), and the second partial element (8) is assignable to a second carrier part (4), and wherein the two partial elements (6, 8) are movable from a starting position into a check position, in which the two partial elements (6, 8) overlay one another, wherein the first partial information item (7) and the second partial information item (9) in the check position represent said authenticity information item (2). The method is characterized in that in an alignment step, the two partial elements (6, 8) are positioned one above the other and are aligned relative to one another, in that in a fixation step, the two partial elements (6, 8) are fixed in their aligned position relative to one another, and in that in a processing step, electromagnetic waves (W1, W2, W3, W4) are provided with at least one processing means (B), with which waves (W1, W2, W3, W4) the first partial information item (7) and the second partial information item (8) are produced, wherein one of the two partial elements (6) is processed with said waves directly, and the other of the two partial elements (8) is processed through said one partial element (6).

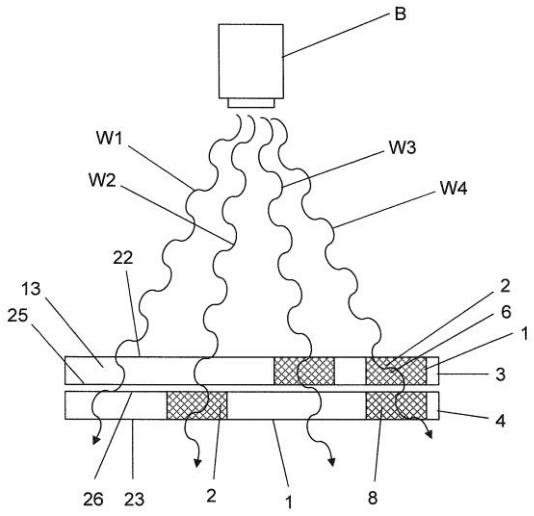


FIG. 9

21: 2016/08432. 22: 2016/12/07. 43: 2019/05/27

51: A61K

71: Tarveda Therapeutics, Inc.

72: ALARGOVA, Rossitza G., BILODEAU, Mark T., DUNBAR, Craig A., KADIYALA, Sudhakar, SHINDE, Rajesh R., LIM SOO, Patrick, SWERYDA-KRAWIEC, Beata, WHITE, Brian H., BAZINET, Patrick Rosaire, WOOSTER, Richard

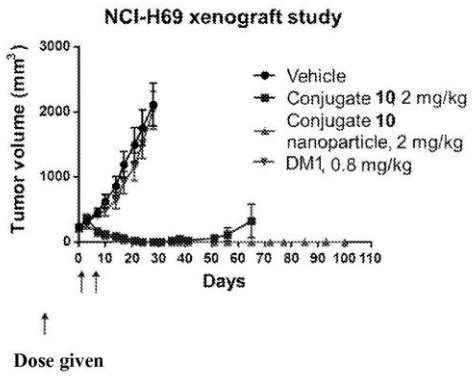
33: US 31: 62/019,001 32: 2014-06-30

54: TARGETED CONJUGATES AND PARTICLES AND FORMULATIONS THEREOF

00: -

Nanoparticles and microparticles, and pharmaceutical formulations thereof, containing conjugates of an active agent such as a therapeutic, prophylactic, or diagnostic agent attached to a targeting moiety, such as a somatostatin receptor binding moiety, via a linker have been designed. Such nanoparticles and microparticles can provide improved temporospatial delivery of the active agent and/or improved biodistribution. Methods of making the conjugates, the particles, and the formulations thereof are provided. Methods of administering the formulations to a subject in need thereof are provided, for example, to treat or prevent cancer or infectious diseases.

FIGURE 4



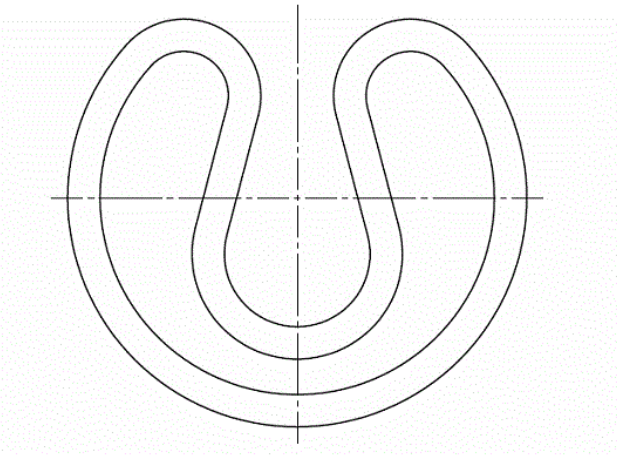
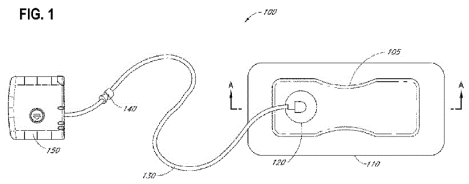


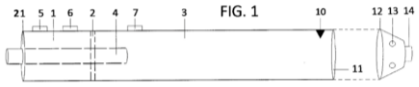
Fig 1

21: 2016/08489. 22: 2016/12/08. 43: 2019/05/16
51: E21C E21D
71: GRE INDUSTRIES (PTY) LTD
72: MARSHALL Elton
33: ZA 31: 2015/07071 32: 2015-09-23
54: EXPANDING SECURING MECHANISM
00: -
The invention provides a roof bolt device which includes a radially expandable elongate hollow body portion and at at least one end thereof a valve having a housing and operable within the housing only a single displaceable component, which is termed a valve member, which valve is in flow communication with the expandable body portion whereby water pressurised at a pressure required to radially expand the expandable hollow body portion to engage with side walls of a bore hole in a mine roof is pumped up to pressure through the valve and whereby the valve is sealed by the valve member at least during the pressurising phase to retain the pressure in said portion and thereby to expand the hollow body thereby to anchor the bolt within the bore hole.

21: 2016/08536. 22: 2016/12/12. 43: 2019/05/16
51: A61F
71: SMITH & NEPHEW PLC
72: HARTWELL, Edward, Yerbury, BROWNHILL, Varuni, Rachindra, GOWANS, John
33: US 31: 62/085774 32: 2014-12-01
33: US 31: 62/013989 32: 2014-06-18
54: WOUND DRESSING
00: -
Embodiments disclosed herein are directed to negative pressure treatment systems and wound dressing systems, apparatuses, that may be used for the treatment of wounds. In particular, some embodiments are directed to improved wound dressings comprising a number of viewing portals that facilitate observation of wound tissue or healthy skin underlying the wound dressing. Some embodiments of the viewing portals are provided by forming through holes in internal dressing layers including absorbent material and transmission material, optionally by providing a plug material within the through holes, and by providing translucent or transparent cover layer and tissue contact layer materials.



21: 2016/08644. 22: 2016/12/14. 43: 2019/06/26
51: B01J; F03H; F23G; H05H
71: Donald Joseph STEIN
72: Donald Joseph STEIN
33: CA 31: 2,852,460 32: 2014-05-23
54: IMPLOSION REACTOR TUBE
00: -
An implosion reactor tube is provided, including: a receptacle body having a tube shape open at a first end; a cylinder positioned within the receptacle body; a mixing chamber at a second end of the receptacle body; the mixing chamber defined by a baffle; the baffle having a plurality of inner passages proximate to the cylinder allowing fluid passage through the baffle and a plurality of outer passages proximate to the receptacle body allowing passage of air and fuel through said baffle; a fuel and air inlet for allowing the air and fuel to enter the mixing chamber; and a flash igniter for igniting the air and fuel.



21: 2016/08839. 22: 2016/12/21. 43: 2019/05/21
51: A61J; A61M; B65D
71: Bayer Animal Health GmbH
72: HABIG , Jörg, HINXLAGE, Wilfried
33: EP(DE) 31: 14177936.3 32: 2014-07-22
54: TUBE WITH APPLICATION TIP
00: -
The invention relates to a tube with an application tip (10) for a liquid or pasty medium, in particular medicinal product. The tube has a tube body (2) with an end (3) which can be closed or which is already closed and with an outlet end. The outlet end of the tube has a tube neck (5) with an outlet opening. The tube furthermore has an application tip (20) which is elongate in the longitudinal direction of the tube and which is connected to the outlet end of the tube and which has an inner duct which connects an inlet opening and an application opening. On the application opening of the application tip there is integrally formed a closure (24) which closes off the application opening. The application tip has a grip means (22).

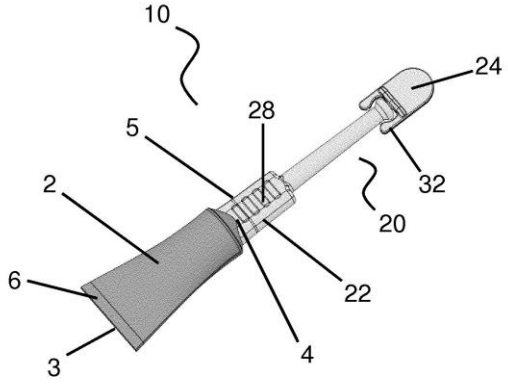


Fig. 1

21: 2017/00343. 22: 2017/01/16. 43: 2019/05/03
51: G06F
71: Huawei Technologies Co., Ltd.
72: MA, Huibin, TANG, Deping, HU, Wanqing, WU, Xiangyang
54: WEBSITE ACCESS METHOD, APPARATUS, AND WEBSITE SYSTEM
00: -
This application relates to the field of IT technologies, and in particular, to a website access method, an apparatus, and a website system. In the website system, when a client accesses a page of a website, a web server obtains an initial URL of a content file included in the to-be-accessed page and a version parameter of a current version of the website, generates a current URL of the content file, and adds the version parameter to a search part of the current URL of the content file, so that the client can obtain the content file from the web server according to the current URL. During version upgrade of the website, a developer does not need to change a path to a content file, does not need to manually change a URL of the content file, and does not need to update a name of the content file either. This improves website upgrading efficiency.

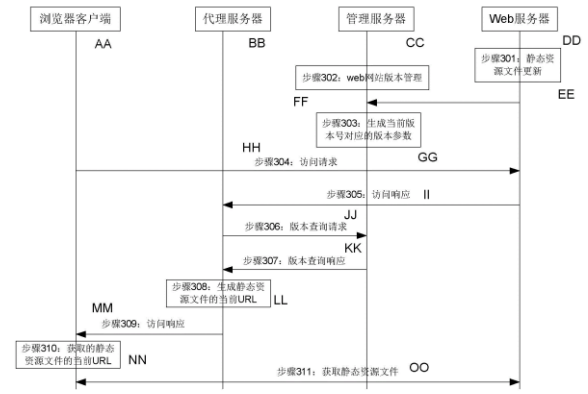


图 3

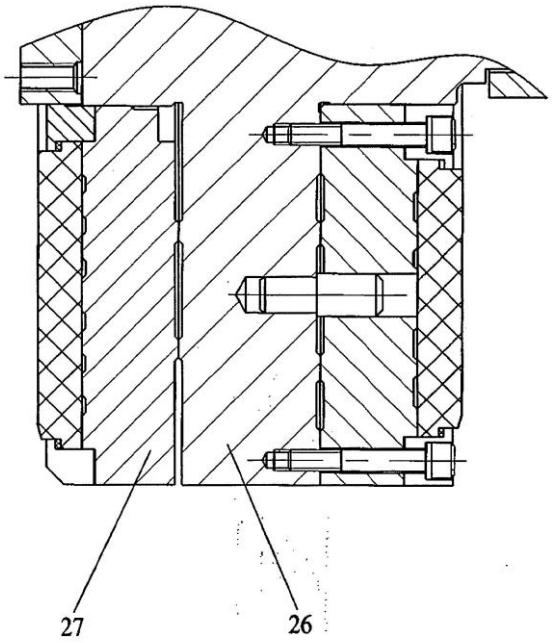
AA Browser client
BB Proxy server
CC Management server
DD Web server
EE Step 301: Static resource file update
FF Step 302: Website version management
GG Step 303: Generate a version parameter corresponding to a current version number
HH Step 304: Access request
II Step 305: Access response
JJ Step 306: Version query request
KK Step 307: Version query response
LL Step 308: Generate a current URL of a static resource file
MM Step 309: Access response
NN Step 310: Acquire the current URL of the static resource file
OO Step 311: Acquire the static resource file

21: 2017/00486. 22: 2017/01/20. 43: 2019/05/09
51: F16C
71: Joint Stock Company "Central Design Bureau of Machine Building", SC "Atomenergomash"
72: GERASIMOV, Vladimir Sergeevich, EVTUSHENKO, Sergei Pavlovich, KAZANTSEV, Rodion Petrovich, NIKIFOROV, Sergei Arkadyevich, SEMYONOVYKH, Aleksandr Sergeevich, SHCHUTSKY, Sergei Yuryevich

54: AXIAL SLIDING BEARING

00: -

The invention relates to thrust sliding bearings, one working surface of which is made of siliconized graphite (or of other anti-friction materials having similar characteristics) and can be used in assemblies of electric and hydraulic machines having large-dimension thrust bearings (with a diameter of up to 900mm), and especially in electric motors acting as actuators for main circulation pump assemblies of reactor installations, such as in nuclear power plants. An axial sliding bearing, in which a support disk is provided with alternating support bands and grooves on a side which faces a group of sections. Seating surfaces are provided along the outer and inner diameter of the support disk, said surfaces having outer and inner rings installed therein, said rings using resilient components for securing sections made of an anti-friction material. The sections are secured, so as not to rotate relative to the support disk, by means of installing intermediary planks between the sections, said planks being secured via the axes thereof being inserted in apertures in the support disk. The sections made of anti-friction material are provided with ledges for an outer ring and for an inner ring; the upper portions of the sections are rounded radially, and the lower portions are provided with grooves which allow for axially securing same to one another. An entering edge of a section is formed in a shape which approximates a parabola. Cooling and lubrication are achieved by means of alternating channels which are formed by the planks, the sections, and the outer and inner rings.



Фиг. 1

21: 2017/00621. 22: 2015/08/04. 43: 2019/05/06
51: B01D; B01J
71: ARKEMA FRANCE, IFP ENERGIES NOUVELLES
72: BOUVIER, LUDIVINE, LUTZ, CÉCILE, LAROCHE, CATHERINE, BAUDOT, ARNAUD
33: FR 31: 1457625 32: 2014-08-05

54: ZEOLITE ADSORBENTS WITH LOW BINDER CONTENT AND LARGE EXTERNAL SURFACE AREA, METHOD FOR PREPARATION OF SAME AND USES THEREOF

00: -

The present invention relates to a zeolite absorbent comprising at least one FAU zeolite with hierarchical

porosity and comprising barium or barium and potassium, and the external surface area of which is greater than 20 $m^2.g^{-1}$, and the non-zeolite phase content being between 6% and 12% by weight with respect to the total weight of the absorbent. The present invention also relates to the use of such a zeolite absorbent as an adsorption agent, as well as the method for separation of *para*-xylene from aromatic isomer fractions with 8 carbon atoms.

21: 2017/00627. 22: 2015/07/22. 43: 2019/05/09
51: A61L; H01J
71: HEALTHY PULSE
72: SAFRAOUI, GEORGES
33: FR 31: 1457205 32: 2014-07-25
54: UVC DECONTAMINATION AND DETOXIFICATION DEVICE
00: -
The invention relates to a device (10) for decontamination and detoxification by emitting light flashes rich in UV radiation, particularly UVC. Said device comprises: - a flash lamp (21); - a reflector (110), preferably placed behind the flash lamp, so as to reflect the light emitted by the lamp towards an output window; and - a UV detector (100) for measuring the UV radiation emitted by the lamp (21).

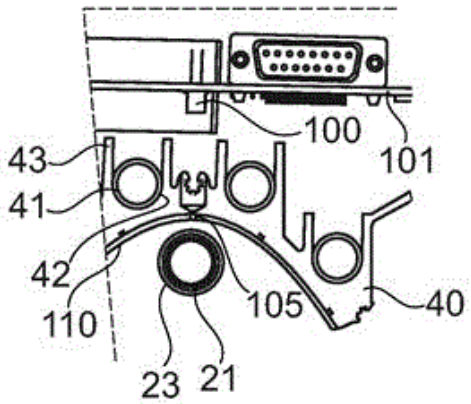


Fig. 9

21: 2017/00676. 22: 2015/04/10. 43: 2019/05/02
51: H04L
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: BERGSTRÖM, ANDREAS, ANDERSSON, HÅKAN, FURUSKOG, JOHAN, WIBERG, NICLAS, ZHANG, QIANG
33: US 31: 62/063,161 32: 2014-10-13
54: FLEXIBLE CONFIGURATION OF HARQ PROCESS FEEDBACK
00: -
Techniques are disclosed whereby a signal is transmitted from a wireless network to a wireless device, requesting automatic repeat-request, ARQ, feedback for certain indicated ARQ processes. This asynchronous approach addresses a problem with irregular ARQ feedback for dynamic time-division-duplexing, and also allows for relaxed processing-time constraints in the wireless device. An example method, in a wireless device, comprises receiving (610) from a wireless communication network, in a first transmission-time interval, a request for ARQ feedback, the request indicating one or more ARQ processes. The example method further comprises transmitting (620) to the wireless communication network, in a second transmission-time interval, ARQ feedback information for each of the one or more indicated ARQ processes.

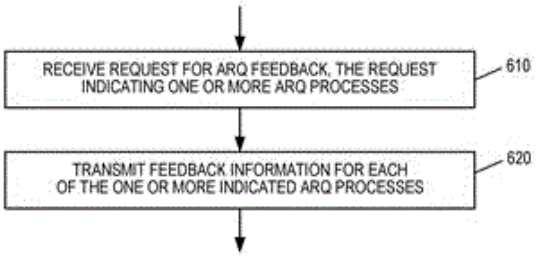


FIG. 6

21: 2017/00824. 22: 2017/02/02. 43: 2019/05/23
51: A61K; A61P
71: GlaxoSmithKline Biologicals sa
72: BERTI, Francesco, COZZI, Roberta, GRANDI, Guido, MAIONE, Domenico, MARGARIT Y ROS, Immaculada, RINAUDO, Cira Daniela
33: EP(BE) 31: 14179945.2 32: 2014-08-05
54: CARRIER MOLECULE FOR ANTIGENS
00: -

The invention provides a conjugate comprising an antigen and a carrier molecule, wherein the carrier molecule comprises a BP-2a antigen and a spb1 antigen. BP-2a and spb1 are *Streptococcus agalactiae* antigens. The conjugate may be used in a method for raising an immune response in a mammal, the method comprising administering the conjugate to the mammal. Also provided are pharmaceutical compositions, particularly vaccines, comprising the conjugate.

21: 2017/00828. 22: 2017/02/02. 43: 2019/05/23
51: A24F; A61M
71: Nicoventures Holdings Limited
72: BUCHBERGER, Helmut, DICKENS, Colin, FRASER, Rory
33: GB 31: 1415051.0 32: 2014-08-26
54: ELECTRONIC AEROSOL PROVISION SYSTEM
00: -
An aerosol provision system, such as an electronic cigarette, comprises a heating element for generating an aerosol from a source liquid and control circuitry for controlling a supply of electrical power from a power supply, such as battery / cell, to the heating element. The control circuitry is configured to measure an indication of a derivative of an electrical characteristic of the heating element with respect to time, for example a first time derivative or a second time derivative of a resistance of the heating element (or a related parameter, such as conductance, current draw, power draw or voltage drop). Based on the measured time derivative, the control circuitry is configured to determine whether or not a fault condition, e.g. localised heating of the heating element, has arisen for the electronic aerosol provision system. The overall change in the electrical characteristic for the heating element caused by the localised heating may be small and so difficult to reliably identify, but the rate at which the change occurs can be expected to be relatively high, which can mean the time derivative of the local characteristic is more reliable indicator of the occurrence of the fault condition.

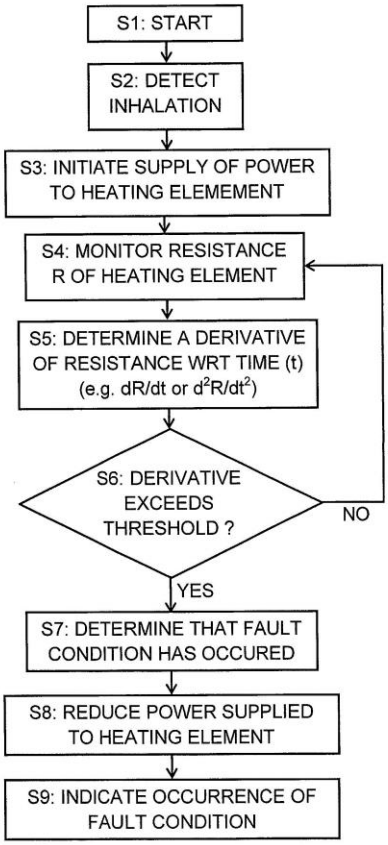


Figure 5

21: 2017/00920. 22: 2015/07/22. 43: 2019/05/07
51: F04C
71: PROJECT PHOENIX, LLC
72: AFSHARI, THOMAS
33: US 31: 62/066,198 32: 2014-10-20
33: US 31: 62/060,431 32: 2014-10-06
33: US 31: 62/027,330 32: 2014-07-22
54: EXTERNAL GEAR PUMP INTEGRATED WITH TWO INDEPENDENTLY DRIVEN PRIME MOVERS
00: -
A pump includes a casing defining an interior volume. The pump casing includes at least one balancing plate that can be part of a wall of the pump casing with each balancing plate including a protruding portion having two recesses. Each recess is configured to accept one end of a fluid driver. The balancing plate aligns the fluid displacement members with respect to each other such that the fluid displacement members can pump the fluid when rotated. The balancing plates can include cooling grooves connecting the respective recesses.

The cooling grooves ensure that some of the liquid being transferred in the internal volume is directed to bearings disposed in the recesses as the fluid drivers rotate.

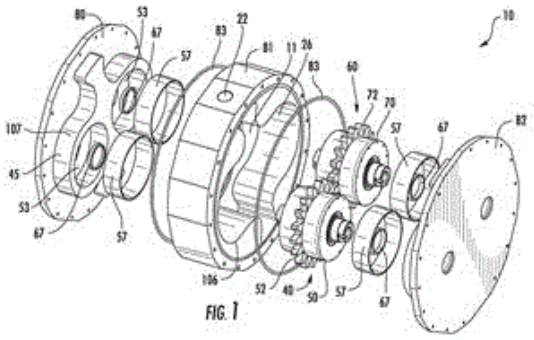


FIG. 1

21: 2017/00921. 22: 2017/02/06. 43: 2019/05/07
51: C10B; C10G; C10K
71: Alpajar Group s.r.o
72: VAŠIČEK, Alois
33: CZ 31: PV 2014-534 32: 2014-08-07
54: DEVICE FOR THE CONTINUOUS THERMAL PROCESSING OF USED OR OTHERWISE DEGRADED TYRES
00: -

The device for the continuous processing of used or otherwise degraded tyres consists of a reactor(1) for the thermal decomposition of these waste tyres into the organic decomposition products in the form of low molecular hydrocarbons, and residual inorganic waste shares. In the upper part of the reactor (1) there is created a filling chamber (2) with a pair of filling closures (3) for filling its internal space by the waste tyres and in the bottom part of the reactor (1) there is formed the output chamber (8) of the residual inorganic shares with a pair of output closures (9), while in the lower part of the reactor (1) there are arranged the nozzles (5) for generating of a mild gaseous inert medium by oxidation of unreacted residues of organic matter from the processed tyres. In the upper part of the inner space of the reactor (1) under the filling chamber (2) is then created at least one output opening (11) of this inert gas media, which, together with the therein dispersed organic decomposed products in the form of aerosol, is led through the separator (12) of solid particles and a cooler (17) into a separator (10) of liquid particles from the cooled aerosol which is equipped with the first end output (21) of the liquid particles into the tank (22) and, second, between-operating output (23) of the gaseous particles, which are led to the direct energy use by combustion in thermal machines or in a convenient implementation they are driven Into the freezing chamber (24) for the separation of gases with a condensing temperature above the temperature in this chamber. From freezing chamber (24) there is ended up the second end output (25) of one part in it non-condensed gases and the third end output (26) of the remaining part in it non-condensed gases.

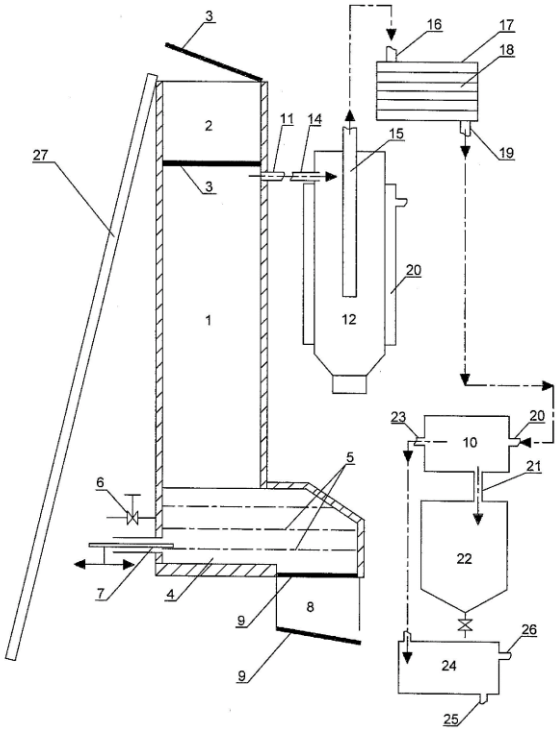
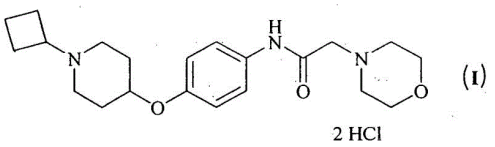


Fig. 1

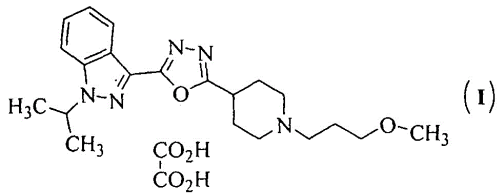
21: 2017/00936. 22: 2017/02/07. 43: 2019/04/30
51: C07D
71: SUVEN LIFE SCIENCES LIMITED
72: JASTI, Venkateswarlu, NIROGI, Ramakrishna, KAMBHAMPATI, Ramasastri, SHINDE, Anil Karbhari
33: India 31: 4010/CHE/2014 32: 2014-08-16
54: PROCESS FOR LARGE SCALE PRODUCTION OF N-[4-(1- CYCLOBUTYL PIPERIDIN-4-YLOXY) PHENYL]-2-(MORPHOLIN-4-YL) ACET AMIDE DIHYDROCHLORIDE
00: -

The present, invention relates to a process for large scale production of N- [4-(1-Cyclobutyl piperidin-4-yloxy) phenyl] -2-(morpholin-4-yl) acetamide dihydrochloride of formula (I).



(I)

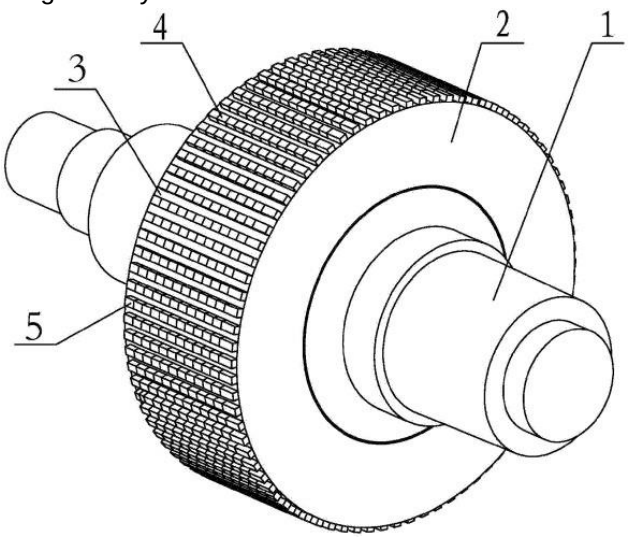
21: 2017/00937. 22: 2017/02/07. 43: 2019/04/30
51: C07C; C07D
71: SUVEN LIFE SCIENCES LIMITED
72: JASTI, Venkateswarlu, NIROGI, Ramakrishna, MOHAMMED, Abdul, Rasheed
33: India 31: 4009/CHE/2014 32: 2014-08-16
54: PROCESS FOR LARGE SCALE PRODUCTION OF 1-ISOPROPYL-3-{5- [1-(3-METHOXYPROPYL) PIPERIDIN-4-YL]-[1,3,4]OXADIAZOL-2-YL}- 1H-INDAZOLE OXALATE
00: -
The present invention relates to a process suitable for adoption to large scale manufacture of l-Isopropyl-3-{5-[l1-(3-methoxypropyl) piperidin-4-yl]-[1,3,4] oxadiazol-2-yl}- 1H-indazole oxalate of formula (I), which is a selective 5-HT4 receptor ligand intended for the symptomatic treatment of Alzheimer's disease and other disorders of memory and cognition like Attention deficient hyperactivity, Parkinson's and Schizophrenia.



(I)

21: 2017/00966. 22: 2017/02/08. 43: 2019/05/07
51: C08L; A61F; A61L; B32B
71: H.B. FULLER COMPANY
72: REMMERS, Peter, BECKMAN, Kristy, J., MALCOLM, David, B., DAVIS, Kevin, P., GU, Yuanyan, WITTKOPF, Thomas, KROLL, Mark, S.
33: US 31: 62/048,066 32: 2014-09-09
33: US 31: 62/048,047 32: 2014-09-09
33: US 31: 62/171,129 32: 2015-06-04
54: AN ELASTIC HOT MELT ADHESIVE COMPOSITION AND AN ELASTIC COMPOSITE MADE WITH THE SAME
00: -
This invention claims hot melt adhesive compositions that can be used to form elastic composites that are useful in disposable absorbent articles. The compositions have good elastic recovery and high peel adhesion at a viscosity of less than about 15,000 cps at 177°C (350°F). The low viscosity makes it possible to apply the hot melt adhesive at a high line speed and target application to only those areas requiring elastic performance.

21: 2017/00970. 22: 2017/02/08. 43: 2019/04/16
51: B02C
71: ZHANG, Ke, ZHANG, Jincai, HU, Yandong
72: ZHANG, Ke, ZHANG, Jincai, HU, Yandong
33: CN 31: CN201410376414.4 32: 2014-08-01
54: ROLLER AND PRESS APPARATUS INCLUDING THE SAME
00: -
A roller, comprising a base body (2). Provided on the base body (2) are ribs (4). The ribs (4) are formed by bumps (5) arranged one next to another continuously along the axial direction of the roller. The bumps (5) are of highly wear-resistant material. The structure increases the product first pass rate of the roller, and enhances the service life and wear resistance, such that the product first pass rate reaches 22% to 30%, the service life reaches 15,000 to 20,000 hours, and the wear after 2,100 hours of usage is only 2.5 mm.



21: 2017/00998. 22: 2017/02/09. 43: 2019/05/02
51: B01D; C07C; C10G; C10K
71: L'Air Liquide, Societe Anonyme pour L'Etude et L'Exploitation des Procedes Georges Claude
72: WIDERSCHPAN, Tatjana, JUDAS, Frederic, UNGAR, Gert, DAVID, Marion
33: DE 31: 10 2014 110 489.7 32: 2014-07-24
54: PROCESS FOR SEPARATING PHENOLS AND BTX AROMATICS FROM GAS CONDENSATE
00: -
A process and plant for separating phenols from gas condensate of the fixed-bed gasification of coal by extraction with an organic solvent, wherein the solvent is circulated and wherein the phenols are separated from the loaded solvent by distillation, and wherein in an additional distillation step aromatic hydrocarbons, such as benzene, toluene and xylenes (BTX aromatics) are separated from the solvent.

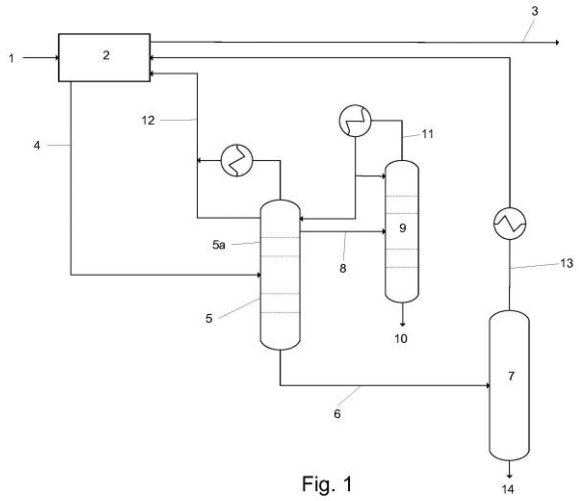
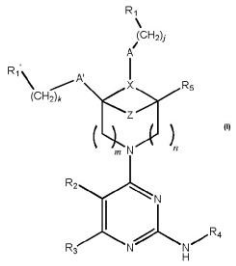
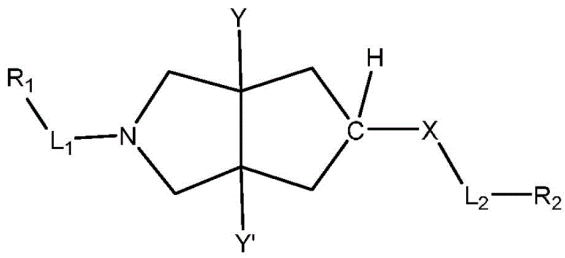


Fig. 1

21: 2017/01005. 22: 2017/02/09. 43: 2019/05/10
51: A61K; A61P; C07D
71: PFIZER INC.
72: GOPALSAMY, Ariamala, WAN, Zhao-Kui, XING, Li, TELLIEZ, Jean-Baptiste, TRUJILLO, John I, SAIAH, Eddine, FENSOME, Andrew, GERSTENBERGER, Brian, S., EFREMOV, Ivan, Viktorovich, PIERCE, Betsy, ZHANG, Liying
33: US 31: 62/039,969 32: 2014-08-21
54: AMINOPYRIMIDINYL COMPOUNDS AS JAK INHIBITORS
00: -
A compound compound having the structure or a pharmaceutic acceptable salt thereof: Formula (I). Also provided are methods of treatment as Janus Kinase inhibitors and pharmaceutical compositions containing the compounds of the invention and combinations with other therapeutic agents

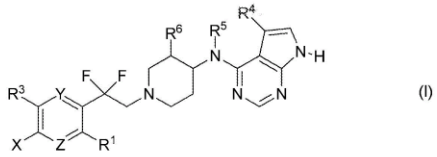


21: 2017/01061. 22: 2017/02/13. 43: 2019/04/24
51: C07D
71: CADENT THERAPEUTICS, INC.
72: ANDERSON, David Randolph, VOLKMANN, Robert, A., MENNITI, Frank, S.
33: US 31: 62/056,284 32: 2014-09-26
54: N-ALKYLARYL-5-OXYARYL-OCTAHYDRO-CYCLOPENTA[C]PYRROLE NEGATIVE ALLOSTERIC MODULATORS OF NR2B
00: -
The present invention relates to N-alkylaryl-5-oxyaryl-octadihydrocyclopent[c]pyrrole negative allosteric modulators of NR2B receptors useful in the treatment of neurological diseases having the Formula I where R1, R2, L1, L2, X, Y, and Y' are described therein. In an aspect, compounds of formula I are described and pharmaceutically acceptable salts, prodrugs, solvates, hydrates, tautotmers, or stereoisomers thereof wherein: L1 is straight or branched C1-C5 alkyl optionally substituted with one or more substituents selected from the group consisting of OH, ORIO, NH2, NHRio, and N(Rlo)(Rio') provided that no more than one oxygen or nitrogen is attached to any carbon.


(I)

21: 2017/01069. 22: 2017/02/13. 43: 2019/05/23
51: A61K; A61P; C07D

71: Rugen Holdings (Cayman) Limited
72: SHAPIRO, Gideon
33: US 31: 62/050,692 32: 2014-09-15
54: PYRROLOPYRIMIDINE DERIVATIVES AS NR2B NMDA RECEPTOR ANTAGONISTS
00: -
Disclosed are chemical entities of formula I: [INSERT CHEMICAL FORMULA HERE] wherein X, Y, Z, R1, R3, R4, R5 and R6 are defined herein, as NR2B subtype selective receptor antagonists. Also disclosed are pharmaceutical compositions comprising a chemical entity of formula I, and methods of treating various diseases and disorders associated with NR2B antagonism, e.g., diseases and disorders of the CNS, such as depression, by administering a chemical entity of formula I.



(I)

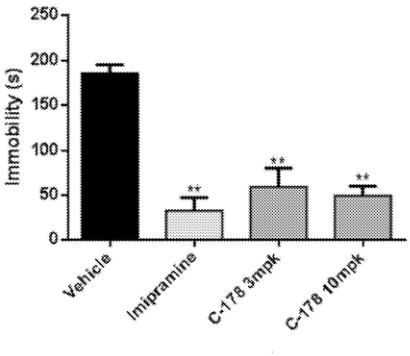
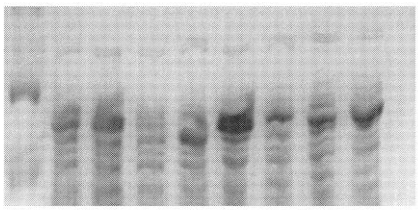


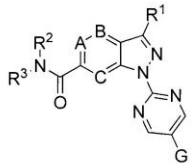
FIG. 1

21: 2017/01071. 22: 2017/02/13. 43: 2019/05/23
51: A61K
71: Syngenta Participations AG
72: WATTS, Joseph M.
33: US 31: 62/043,922 32: 2014-08-29
54: MODIFIED VIP3 POLYPEPTIDES
00: -
The present invention is directed to vegetative insecticidal proteins (Vips) modified to comprise heterologous carbohydrate binding modules and methods of use thereof.

Fig. 1



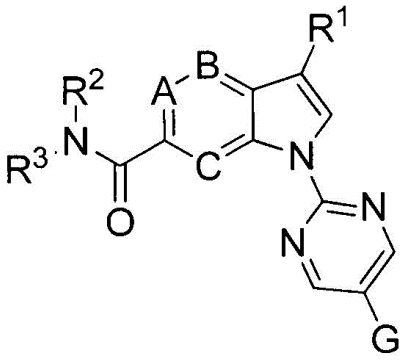
21: 2017/01131. 22: 2017/02/15. 43: 2019/05/23
51: A61K; A61P; C07D
71: Grünenthal GmbH
72: NARDI, Antonio, JAKOB, Florian, KONETZKI, Ingo, CRAAN, Tobias, HESSLINGER, Christian
33: EP(DE) 31: 14002450.6 32: 2014-07-16
54: NOVEL 2,5-SUBSTITUTED PYRIMIDINES AS PDE4 INHIBITORS
00: -
The invention relates to novel substituted condensed pyrimidine compounds of general formula (I) in which the chemical groupings, substituents and indices are as defined in the description, and to their use as medicaments, in particular as medicaments for the treatment of conditions and diseases that can be treated by inhibition of the PDE4 enzyme.



(I)

21: 2017/01132. 22: 2017/02/15. 43: 2019/05/23
51: A61K; A61P; C07D
71: Grünenthal GmbH
72: KONETZKI, Ingo, CRAAN, Tobias, JAKOB, Florian, NARDI, Antonio, HESSLINGER, Christian, WELBERS, Andre
33: EP(DE) 31: 14002451.4 32: 2014-07-16
54: NOVEL 2,5-SUBSTITUTED PYRIMIDINES AS PDE INHIBITORS
00: -
The invention relates to novel substituted condensed pyrimidine compounds of general formula (I), in which the chemical groupings, substituents and indices are as defined in the description, and to their use as medicaments, in particular as medicaments

for the treatment of conditions and diseases that can be treated by inhibition of the PDE4 enzyme.



(I)

21: 2017/01139. 22: 2014/09/01. 43: 2019/05/02
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: DUDDA, TORSTEN, PARKVALL, STEFAN, SYNNERGREN, PER, WAGER, STEFAN, ZHANG, HANZHI
54: CONDITIONAL UPLINK RADIO RESOURCE UTILIZATION IN A CELLULAR NETWORK
00: -
A communication device (10) receives an uplink grant from a node (100) of a cellular network. The uplink grant indicates uplink radio resources allocated to the communication device (10) in reoccurring time intervals. For each of these time intervals, the communication device (10) selects between an active mode and an inactive mode. In the active mode the communication device (10) performs an uplink transmission in the allocated uplink radio resources. In the inactive mode the communication device (10) performs no uplink transmission in the allocated uplink radio resources.

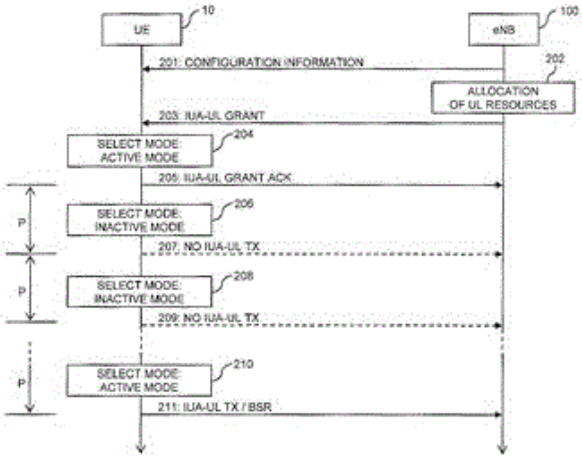


FIG. 2

21: 2017/01170. 22: 2017/02/16. 43: 2019/05/23
51: G06F
71: Thumbzup UK Limited
72: BüCHNER, Willem Petrus, LYNCH, Leon Sybrand
33: ZA 31: 2014/03307 32: 2014-05-08
54: AUTHENTICATION CODE ENTRY SYSTEM AND METHOD
00: -
An example method includes displaying, by a first computing device (110) comprising a display (114), each of one or more characters at a location of one or more locations within the display (114); receiving, by the first computing device (110) from a second computing device (150), data indicating at least one selected location of the one or more locations within the display (114); making a determination, by the first computing device (110), that at least one character of the one or more characters matches a predetermined authentication code, wherein each character of the at least one character is displayed at a location of the at least one selected location within the display (114); and after making the determination, sending, by the first computing device (110), a message authorizing a financial transaction. Corresponding operations of the second computing device (150) are disclosed herein.

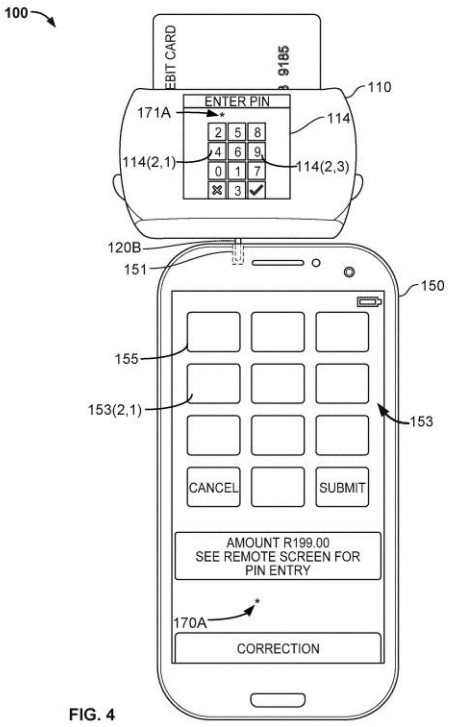


FIG. 4

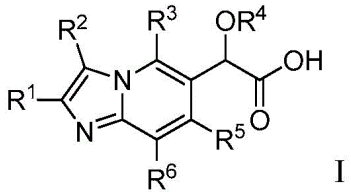
21: 2017/01187. 22: 2017/02/16. 43: 2019/05/28
51: A61B; G06T; G06F
71: TATA CONSULTANCY SERVICES LIMITED
72: SINHA, SANJANA, BHOWMICK, BROJESHWAR, CHAKRAVARTY, KINGSHUK, SINHA, ANIRUDDHA, DAS, ABHIJIT
33: IN 31: 201621027388 32: 2016-08-10
54: SYSTEMS AND METHODS FOR IDENTIFYING BODY JOINT LOCATIONS BASED ON SENSOR DATA ANALYSIS
00: -
Systems and methods for identifying body joint location includes obtaining skeletal data, depth data and red, green, and blue (RGB) data pertaining to a user, obtaining, using input data, an estimate of body joint locations (BJLs) and body segment lengths (BSLs), iteratively identifying, based on the depth data and RGB data, probable correct BJLs in a bounded neighborhood around BJLs that are previously obtained, comparing a body segment length associated with the probable correct BJLs and a reference length, identifying candidate BJLs based on comparison, determining a physical orientation of each body segment by segmenting three dimensional (3D) coordinates of each body segment based on the depth data and performing an analysis on each segmented 3D coordinate. A corrected BJL is identified based on a minimal deviation in direction from the physical orientation of a corresponding body segment along with a feature descriptor of the RGB data and depth data.


FIG. 2

21: 2017/01211. 22: 2017/02/17. 43: 2019/05/23
51: H01M
71: Albemarle Corporation
72: GE, Zhongxin, MANIMARAN, Thanikavelu, O'DAY, Joseph M.
33: US 31: 62/039,829 32: 2014-08-20
54: QUATERNARY AMMONIUM HALIDES WITH ETHER FUNCTIONAL GROUPS FOR USE AS BATTERY ELECTROLYTES
00: -
An electrolyte solution and a flow cell battery are included herein. The electrolyte solution generally includes a zinc bromide electrolyte solution including one or more class A quat halides. The flow cell battery includes an electrolyte solution including one or more class A quat halides.

21: 2017/01214. 22: 2017/02/17. 43: 2019/05/23
51: A61K; A61P; C07D
71: ViiV Healthcare UK (No.5) Limited
72: NAIDU, Narasimhulu B., CONNOLLY, Timothy P., EASTMAN, Kyle J., PEESE, Kevin
33: US 31: 62/042,300 32: 2014-08-27
54: IMIDAZO[1,2-A]PYRIDINE DERIVATIVES FOR USE AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION
00: -

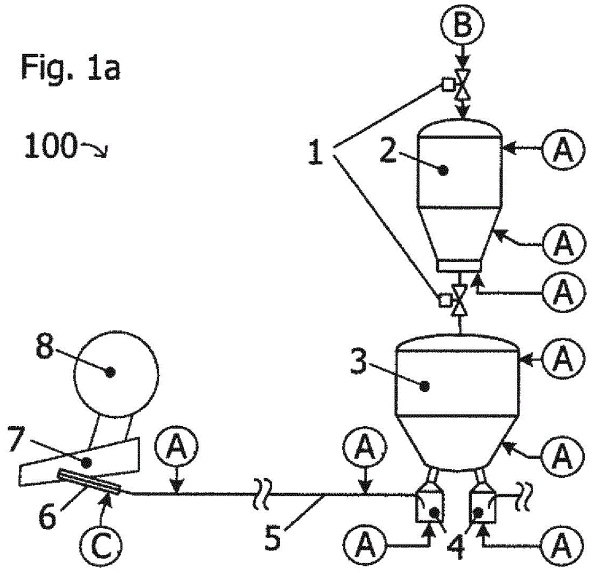
The disclosure generally relates to compounds of formula I, including compositions and methods for treating human immunodeficiency virus (HIV) infection. The disclosure provides novel inhibitors of HIV, pharmaceutical compositions containing such compounds, and methods for using these compounds in the treatment of HIV infection.



I

21: 2017/01215. 22: 2017/02/17. 43: 2019/05/23
51: C21B
71: Küttner Holding Gmbh & Co. KG
72: SCHOTT, Robin, BARTELS-FREIHERR VARNBÜLER VON UND ZU HEMMINGEN, Christian
33: DE 31: 10 2014 216 336.6 32: 2014-08-18
54: METHOD FOR BLOWING SUBSTITUTE REDUCING AGENTS INTO A BLAST FURNACE
00: -
The present invention relates to a method for pneumatically blowing a powdery substitute reducing agent into a gasification reactor in a dense flow method by means of a transport gas or via a tuyere into a blast furnace such that the substitute reducing agent is gasified in a gasification reaction. The transport gas comprises a fuel gas the constituents of which or the oxidation constituents of which are at least partly involved in the gasification reaction.

Fig. 1a



21: 2017/02303. 22: 2017/03/31. 43: 2019/05/03
51: A01N
71: Akzo Nobel Chemicals International B.V.
72: TAMMER, Martinus Catharinus, FISCHER, Bart
33: EP(NL) 31: 14190633.9 32: 2014-10-28
54: A METHOD OF CONTROLING MICROBIAL PATHOGENS ON LIVING PLANT TISSUE
00: -
A method of controlling microbial pathogens on living plant tissue comprising treating said plant tissue with an aqueous formulation comprising a diacyl peroxide and a hydroperoxide selected from hydrogen peroxide and organic hydroperoxides.

21: 2017/02330. 22: 2017/04/03. 43: 2019/05/02
51: C01B
71: BASF SE
72: PARVULESCU, Andrei-Nicolae, MÜLLER, Ulrich, UHL, Georg, TELES, Joaquim, Henrique, RIEDEL, Dominic
33: EP 31: 14184111.4 32: 2014-09-09
54: A PROCESS FOR THE PREPARATION OF AN MWW ZEOLITIC MATERIAL COMPRISING BORON AND TITANIUM
00: -
A process for the preparation of a zeolitic material having an MWW framework structure and comprising boron and titanium, the process comprising (i) providing an aqueous synthesis mixture comprising a silica source, a boron source, a titanium source, and an MWW templating agent; (ii) heating the aqueous synthesis mixture to a temperature in the range of from 160 to 190 °C; (iii)

subjecting the synthesis mixture (ii) to hydrothermal synthesis conditions, obtaining, in its mother liquor, a precursor of the zeolitic material; (iv) separating the precursor from its mother liquor; (v) calcining the separated precursor, obtaining the zeolitic material having an MWW framework structure and comprising boron and titanium.

21: 2017/02446. 22: 2017/04/07. 43: 2019/05/07
51: H02G
71: Quanta Associates, L.P.
72: DEVINE, Clifford W., O'CONNELL, Daniel N.
33: US 31: 13/374,057 32: 2011-12-09
54: BOOM MOUNTABLE ROBOTIC ARM
00: -
A boom mountable robotic arm for includes a beam pivotally mounted on a boom mounting adaptor, at least two electrically insulated support posts mounted to and spaced apart along the beam, and at least a first rotation coupling and a plurality of second rotation couplings. The first rotation coupling provides pivotal mounting of the beam on the boom mounting adaptor so as to provide selectively controllable rotation of the beam in a substantially vertical plane. The second rotation couplings provide selectively controllable rotation of the electrically insulated support posts about corresponding second axes of rotation between a retracted position substantially laid flush along the beam and a pick-up position ready to receive a conductor being supported. An actuated scissor linkage is mounted to the beam and the boom mounting adaptor for selectively adjusting an angular position of the beam relative to the boom mounting adaptor.

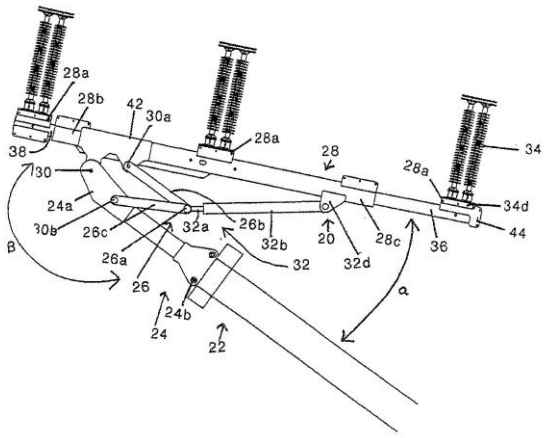


FIG. 2

21: 2017/02492. 22: 2015/11/02. 43: 2019/05/02
51: A61K; A61Q
71: UNILEVER PLC
72: KHOSHDEL, EZAT, PAUL, PREM KUMAR CHEYALAZHAGAN
33: EP 31: EP14193096.6 32: 2014-11-13
54: HAIR SHAPING COMPOSITION
00: -
The invention provides a hair shaping composition suitable for topical application to hair, the composition comprising from 1 to 25 wt% monoglucosamine adipate, dissolved or dispersed in an aqueous carrier. The invention also provides a method for improving hair volume-down which comprises the following steps: (i) treating the hair by topical application of the hair shaping composition as defined above; (ii) shaping the treated hair; (iii) allowing the composition to remain in contact with the shaped hair before drying. Advantageously the method of the invention does not require the breakage of the hair disulfide bonds, does not require the use of high temperature heated implements such as straightening irons, and can be accomplished by a consumer without intervention of a professional hairdresser.

21: 2017/02513. 22: 2017/04/10. 43: 2019/05/07
51: C01G; C08K; C09C; C09D
71: LANXESS Deutschland GmbH
72: CZAPLIK, Waldemar, KISCHKEWITZ, Jürgen, SPIEGELHAUER, Stephan
33: EP(DE) 31: 14184507.3 32: 2014-09-11

54: RED IRON-OXIDE PIGMENTS WITH IMPROVED COLOUR VALUES
00: -
The present invention relates to red iron-oxide pigments with improved colour values, to a method for producing these improved red iron-oxide pigments according to the Penniman process using nitrate (also known as the nitrate process or direct red process), and to a device for producing said pigments.

21: 2017/02514. 22: 2017/04/10. 43: 2019/05/07
51: A61F; A61M
71: Janssen Biotech, Inc.
72: PRICE, Daniel W., KHAN, Isaac J., OBERKIRCHER, Brendan J., SOKHANVAR, Saeed, YASEVAC, Daniel J., BRUEHWILER, Michel, SOFFER, Leah R., CARTER, Mary T., JOHNSON, Gregory W., RAMEZANIFARD, Mohammadreza
33: US 31: 62/049,118 32: 2014-09-11
54: MOTORIZED SUPRACHOROIDAL INJECTION OF THERAPEUTIC AGENT
00: -
An apparatus for delivering therapeutic agent to an eye comprises a body, a cannula, a hollow needle, and an automated actuation assembly. The cannula extends distally from the body and is sized and configured to be insertable between a choroid and a sclera of a patient's eye. The actuation assembly is operable to actuate the needle relative to the cannula to thereby drive a distal portion of the needle along an exit axis that is obliquely oriented relative to the longitudinal axis of the cannula. The cannula may be inserted through a sclerotomy to position a distal end of the cannula at a posterior region of the eye, between the choroid and sclera. The needle may be advanced through the choroid to deliver the therapeutic agent adjacent to the potential space between the neurosensory retina and the retinal pigment epithelium layer, adjacent to the area of geographic atrophy.

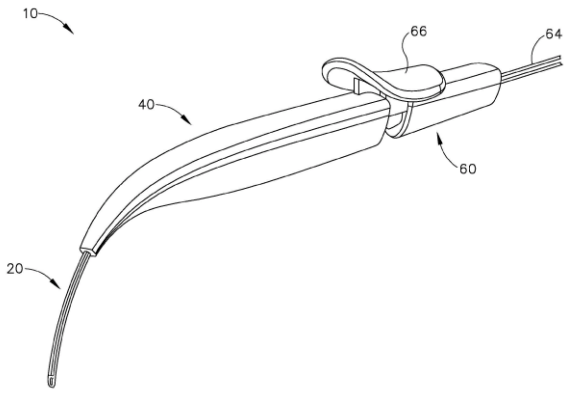
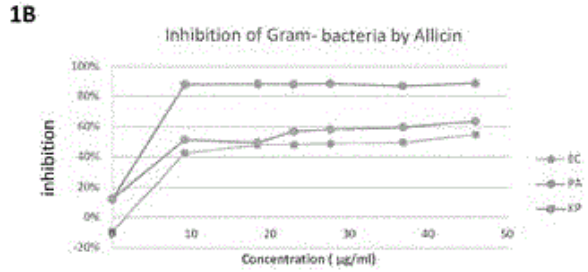


Fig.1

21: 2017/02582. 22: 2015/11/18. 43: 2019/05/06
51: C07C
71: NEEM BIOTECH LIMITED
72: SAUNDERS, ROBERT ALUN
33: GB 31: 1420902.7 32: 2014-11-25
54: A PROCESS FOR PRODUCING AJOENE
00: -
The present invention relates to a process for producing ajoene from allicin via a polymeric substrate, comprising the steps of heating allicin or an allicin solution at a predetermined temperature range such that at least a portion of the allicin is converted to ajoene to form an ajoene solution; and separating the ajoene from the ajoene solution; wherein at least one of the heating or separating steps is conducted via a polymeric substrate. The process for producing ajoene from allicin via a polymeric substrate further comprises a step of retaining the allicin or the allicin solution on the polymeric substrate before the heating step is conducted within or out of the polymeric substrate. The present invention also relates to ajoene or a composition comprising ajoene obtained by the process thereof.

21: 2017/02584. 22: 2015/12/15. 43: 2019/05/06
51: A61K; A61P
71: MOOTRAL SA
72: GRAZ, CARL JORG MICHAEL, EVANS, GARETH JAMES STREET, SAUNDERS, ROBERT ALUN, JONES, LIAM JAMES
33: GB 31: 1423115.3 32: 2014-12-23
54: AN ANTIMICROBIAL COMPOSITION
00: -
The present invention provides an antimicrobial composition comprising at least one garlic extract

and one or more of a bioflavonoid and/or an organic acid as well as the use of the same for treating or preventing bacterial, fungal or parasitic infections.



21: 2017/02595. 22: 2017/04/12. 43: 2019/04/26
51: F16B
71: LJ PROCESS ENGINEERING AND MINING SUPPLIES
72: KRUGER, Jacobus, Johannes
33: ZA 31: 2016/00431 32: 2016-01-20
54: A SAFETY DEVICE FOR A FLANGED COUPLING ARRANGEMENT
00: -
This invention relates to a safety device 10 which includes a generally rectangular base 12, a generally hexagonally shaped receiving zone 14 defined therein for receiving a portion of a fastening means in the form of a bolt head 16 for fastening flanges 18 of a coupling arrangement together 20, and an extension 22 which extends from the base 12 beyond a periphery of a first flange 24 and into a zone defined by a periphery of a second flange 26 so as to limit relative displacement between the flanges 18 during uncoupling of the coupling arrangement 20.

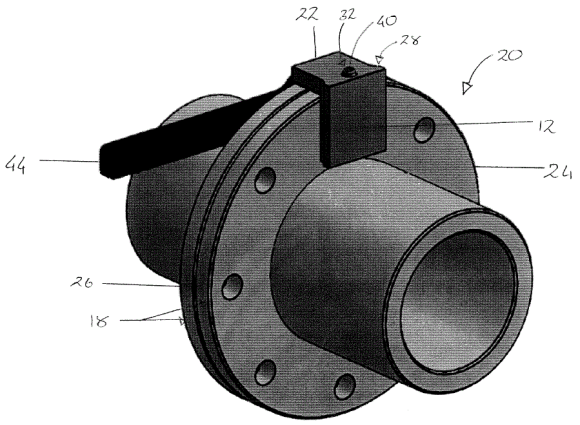


FIGURE 7

21: 2017/02736. 22: 2015/11/05. 43: 2019/05/02
51: B65D; E05C
71: UNISEG PRODUCTS PTY LTD
72: GODDARD, EARL FENTON
33: AU 31: 2014904472 32: 2014-11-06
54: A CONTAINER
00: -
The container (10) has a lid structure (18) comprising two lid panels (20t) and (20f). The first lid panel (20t) forms at least a part of the top wall (14). The second lid panel 20f forms at least part of one of the side walls (16d). When the container (10) is in the erected condition the lid structure (18) can have one of, and be moved between, a: closed configuration; top load configuration; and, front load configuration. The front load configuration has two variants. In a first front load configuration the first and second lid panels (20t) and (20f) remain connected to each other and are moved so that they are in a substantial face to face relationship. In the second front load configuration the second lid panel (20f) is pivoted to lie on top of the first lid panel (20t).

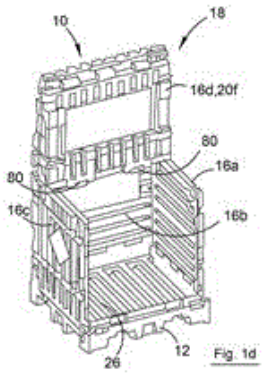


Fig. 1d

21: 2017/02769. 22: 2015/09/25. 43: 2019/05/02
51: C07D
71: F. HOFFMANN-LA ROCHE AG, GENENTECH, INC.
72: GOSSELIN, FRANCIS, HAN, CHONG, IDING, HANS, REENTS, REINHARD, SAVAGE, SCOTT, WIRZ, BEAT
33: US 31: 62/055,893 32: 2014-09-26
54: PROCESSES FOR PREPARING (CYCLOPENTYL[D]PYRIMIDIN-4-YL)PIPERAZINE COMPOUNDS
00: -
The present disclosure relates to processes for preparing (cyclopentyl[d]pyrimidin-4-yl)piperazine

compounds, and more particularly relates to processes for preparing (R)-4-(5-methyl-7-oxo-6,7-dihydro-5H-cyclopenta[d] pyrimidin-4-yl)piperazine and N-protected derivatives thereof, which may be used as an intermediate in the synthesis of Ipatasertib (i.e., (S)-2-(4-chlorophenyl)-1-(4-((5R,7R)-7-hydroxy-5-methyl-6,7-dihydro-5H-cyclopenta[d]pyrimidin-4-yl)piperazin-1-yl)-3-(isopropylamino)-propan-1-one). The present disclosure additionally relates to various compounds that are intermediates employed in these processes.

21: 2017/02771. 22: 2015/09/17. 43: 2019/05/02
51: F04C
71: PROJECT PHOENIX, LLC
72: AFSHARI, THOMAS
33: US 31: 62/054,176 32: 2014-09-23
33: US 31: 62/212,788 32: 2015-09-01
54: SYSTEM TO PUMP FLUID AND CONTROL THEREOF
00: -
A fluid system includes a variable-speed and/or a variable-torque pump to pump a fluid, at least one proportional control valve assembly, an actuator that is operated by the fluid to control a load, and a controller that establishes a speed and/or torque of the pump and a position of the at least one proportional control valve assembly. The pump includes at least one fluid driver that provides fluid to the actuator, which can be, e.g., a fluid-actuated cylinder, a fluid-driven motor or another type of fluid-driven actuator that controls a load. Each fluid driver includes a prime mover and a fluid displacement assembly. The fluid displacement assembly can be driven by the prime mover such that fluid is transferred from the inlet port to the outlet port of the pump.

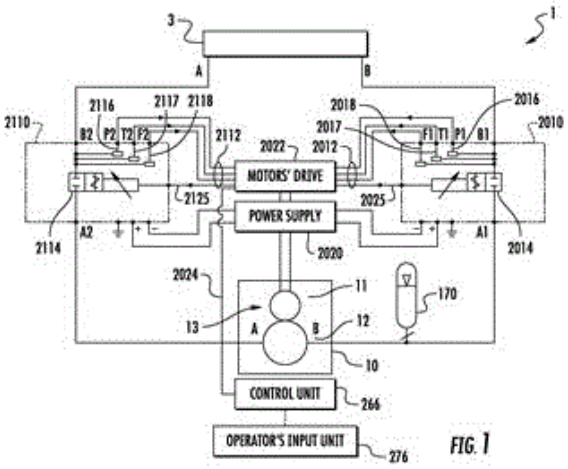


FIG. 1

21: 2017/02794. 22: 2015/09/25. 43: 2019/05/02
51: C08B; C08L
71: RENMATIX, INC.
72: CAPANEMA, EWELLYN A, BALAKSHIN, MIKHAIL Y, FITZGIBBON, PATRICK DAVID, KOSA, MATYAS, MCLARTY, TODD MICHAEL, SANDERSON, CHARLES SEBASTIAN
33: US 31: 62/056,072 32: 2014-09-26
54: CELLULOSE-CONTAINING COMPOSITIONS AND METHODS OF MAKING SAME
00: -
Cellulose-containing compositions and method of making same are disclosed. The compositions comprise a cellulose product comprising a type-I cellulose, a type-II cellulose, amorphous cellulose, or a combination thereof. Further, methods are disclosed for making these compositions and for further hydrolyzing these compositions. Additionally, uses for the cellulose-containing compositions are disclosed.

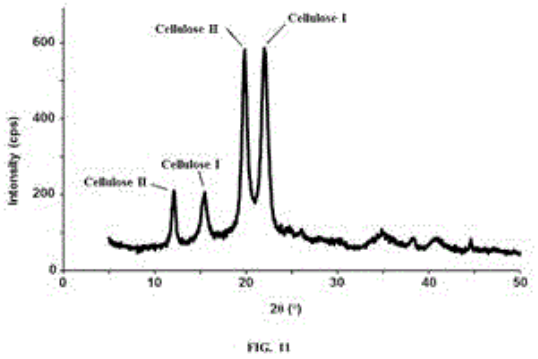
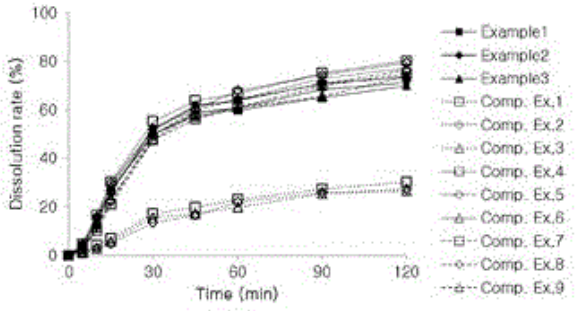


FIG. 11

21: 2017/02798. 22: 2014/11/12. 43: 2019/05/02
51: C08B
71: RENMATIX, INC.
72: FITZGIBBON, PATRICK DAVID, KINDLER, THOMAS ARTHUR, MCLARTY, TODD MICHAEL, SANDERSON, CHARLES SEBASTIAN, SMITH, MICHAEL L.
54: METHOD OF COALESCING A SUBSTANCE
00: -
Provided is a method of coalescing a substance comprising providing a first mixture comprising a substance, agitating at least a portion of the first mixture under turbulent conditions for a first time period, thereby causing particles comprising the substance to collide and form into larger particles.

21: 2017/03015. 22: 2015/09/01. 43: 2019/05/06
51: A61K
71: HANMI PHARM. CO., LTD.
72: ROH, LEEDONG, IM, HO TAEK, YOON, YOUNG SU, KIM, YONG IL, PARK, JAE HYUN, WOO, JONG SOO
33: KR 31: 10-2014-0131834 32: 2014-09-30
54: SOLID PHARMACEUTICAL COMPOSITION COMPRISING AMLODIPINE AND LOSARTAN
00: -
The present invention provides a pharmaceutical composition for the prevention or treatment of cardiovascular disorders containing losartan or a pharmaceutically acceptable salt thereof; amlodipine or a pharmaceutically acceptable salt thereof; a disintegrant; and a coating agent. The composition of the present invention, which has the best combination and optimum ratio of a disintegrant to a coating agent, shows sufficient strength and high dissolution rates under various pH environments, and thus, it is useful for the preparation of an excellent solid formulation exhibiting improved drug delivery efficiency and storage stability.
Representative Drawing: Fig. 1



21: 2017/03247. 22: 2015/10/13. 43: 2019/05/13
51: H01M; C01G
71: RESEARCH FOUNDATION OF THE CITY UNIVERSITY OF NEW YORK
72: YADAV, GAUTAM G, GALLAWAY, JOSHUA, NYCE, MICHAEL, BANERJEE, SANJOY
33: US 31: 62/067,215 32: 2014-10-22
33: US 31: 62/062,983 32: 2014-10-13
54: MIXED MATERIAL CATHODE FOR SECONDARY ALKALINE BATTERIES
00: -
A secondary alkaline battery using manganese dioxide is described. The battery includes a mixed cathode material with birnessite-phase manganese dioxide or electrolytic manganese dioxide (EMD), a bismuth compound and a copper compound selected from the group consisting of elemental copper and a copper salt. In some embodiments, a conductive carbon and/or a binder may also be included.

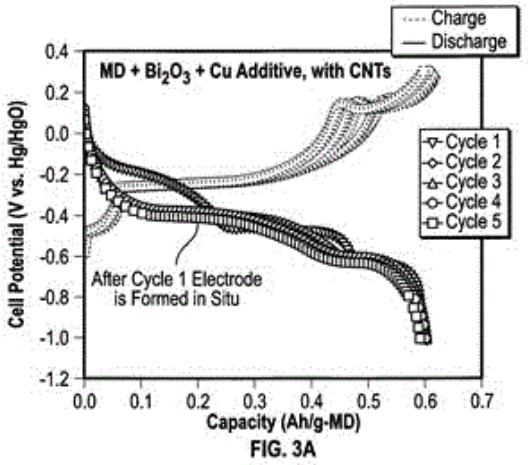


FIG. 3A

21: 2017/03326. 22: 2017/05/15. 43: 2019/05/23
51: F01N B01J
71: BASF CORPORATION
72: ZHENG, Xiaolai, JI, Chunxin, XUE, Wen-Mei, SCHLADT, Matthew, J., WANG, Xiaoming, LUO, Tian, DEEBA, Michel, WASSERMANN, Knut
33: US 31: 62/066,509 32: 2014-10-21
54: EMISSIONS TREATMENT SYSTEMS WITH TWC CATALYSTS AND SCR-HCT CATALYSTS
00: -
An emissions treatment system for an exhaust stream of an internal combustion engine including hydrocarbons, carbon monoxide, and nitrogen oxides is provided. The disclosed system can include an exhaust conduit in fluid communication with the internal combustion engine via an exhaust manifold; a first three-way conversion catalyst (TWC-1) located downstream of the internal combustion engine in the exhaust conduit; an SCR-HCT catalyst comprising a selective catalytic reduction catalyst and a hydrocarbon trap downstream of the TWC-1 in the exhaust conduit; and a third catalyst downstream of the SCR-HCT combination in the exhaust conduit, the third catalyst comprising a platinum group metal (PGM) e.g., in an amount effective to oxidize hydrocarbons. Methods of making and using such systems and components thereof are also provided.

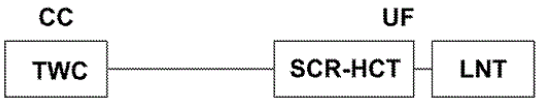
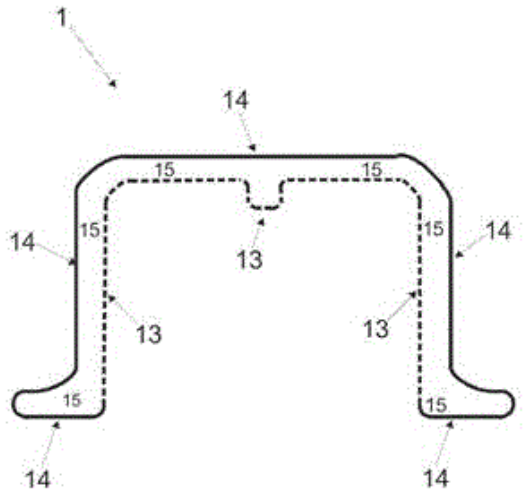


FIG. 2

21: 2017/03330. 22: 2017/05/15. 43: 2019/05/07
51: A61K
71: Gufic Biosciences Limited
72: PATEL, Mitesh Natavarlal, DAVE, Mafatlal Tribhovandas, CHOKSI, Pranavkumar Jayesh
33: IN 31: 3668/MUM/2014 32: 2014-11-19
54: PROCESS FOR PREPARATION OF PARENTERAL FORMULATION OF ANIDULAFUNGIN
00: -
The present invention discloses a freeze dried, micelle-forming surfactant free pharmaceutical formulation of anidulafungin along with a suitable solubilizing agent and acidifying agent for parenteral administration. The pharmaceutical formulation provides sufficient solubilization and stabilization of anidulafungin thus improving the shelf life and reduces the likelihood of precipitation during storage. The invention further discloses a process of preparation thereof.

21: 2017/03414. 22: 2015/11/11. 43: 2019/05/23
51: E01B; B29C
71: BRASKEM S.A.
72: LONGA NOSE, GUILHERME, WENZER TREVIZAN, DANIEL
33: US 31: 62/078,062 32: 2014-11-11
54: A RAILROAD SLEEPER AND PROCESS FOR MANUFACTURING A RAILROAD SLEEPER
00: -
One describes a railroad sleeper (1) for fixation of at least a pair of rails (2,2') of a railroad network, comprising a contact surface (3), wherein each rail of the pair of rails (2,2') is fixed spaced apart from each other, the railroad sleeper (1) being configured by comprising a hollow sector (4) delimited by association of the contact surface (3) with the anchorage walls (5,5'), thus establishing a free portion (17) adjacent to the anchorage walls (5,5') and opposite the contact surface (3). One further describes an embodiment in which the hollow sector (4) of the railroad sleeper is delimited by a support

surface and the process of manufacturing a railroad sleeper.



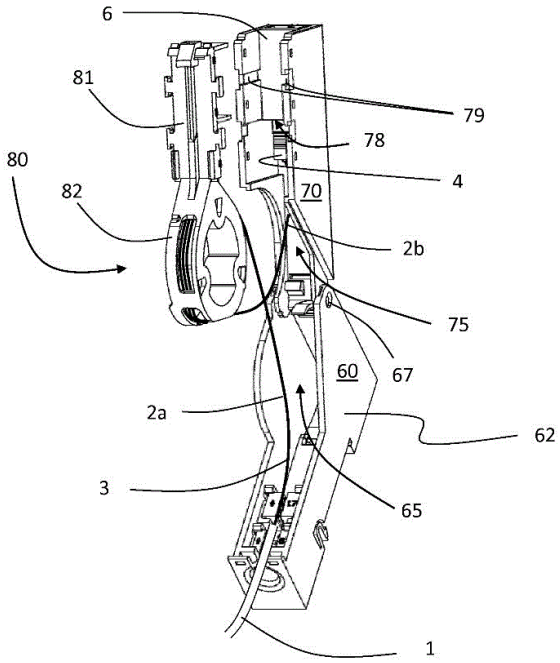


FIG. 5

21: 2017/03430. 22: 2017/05/18. 43: 2019/05/03
51: G02B
71: PRYSMIAN S.P.A.
72: ABBIATI, Fabio, LE DISSEZ, Arnaud
54: OPTICAL TERMINATION MODULE, OPTICAL TERMINATION ASSEMBLY WITH SAID OPTICAL TERMINATION MODULE AND ELECTRIC CABINET WITH SAID OPTICAL TERMINATION MODULE
00: -
An optical termination module (50) comprises a fixed part (60) to be attached to a mounting member (108) of an electric cabinet (100) and a movable part (70) rotatably attached to the fixed part (60) to move relative to the fixed part (60) about a rotation axis (X-X) between a first position and a second position. The fixed part (60) has a bottom surface (61a) with an inlet opening (61b) configured to receive an optical drop cable (1) and the movable part (70) has a bottom surface (71a) with one or more outlet openings (71b) configured to receive respective one or more optical customer cables (5).

21: 2017/03436. 22: 2017/05/18. 43: 2019/05/03
51: G07D
71: GRG Banking Equipment Co., Ltd.
72: LUO, Panfeng, LIANG, Tiancai, JIN, Xiaofeng, ZHANG, Yong
33: CN 31: 201410665409.5 32: 2014-11-19
54: PAPER CURRENCY FOLD RECOGNITION APPARATUS AND METHOD
00: -
Disclosed are a paper currency fold recognition apparatus and method. The paper currency fold recognition apparatus comprises: a laser source (4), a rectangular grating (3), an area array photoelectric sensor (6), an imaging lens group (5), and a signal processing module (7), wherein the laser source (4) is used for emitting laser light; the rectangular grating (3) is located above the laser source (4) and used for modulating, on the surface of paper currency (2), the laser light into stripes which change to be bright or dark in accordance with certain rules; the area array photoelectric sensor (6) is used for image acquisition; the imaging lens group (5) is located above the area array photoelectric sensor (6) and used for converging an image of the surface of the paper currency onto the area array photoelectric sensor (6); and the signal processing module (7) is electrically coupled with the area array photoelectric sensor (6) and used for processing an

image signal. The paper current fold recognition method realized by the apparatus turns a detection of whether or not there is a fold on the paper currency into a detection of whether or not there exists warping of the grating strip feature images for projection of the grating, thereby effectively avoiding the influence on paper current fold recognition caused by a color shift phenomenon that is due to a change in the gray value of the acquired paper current images at different temperatures, and also improving the rate of paper currency fold recognition.

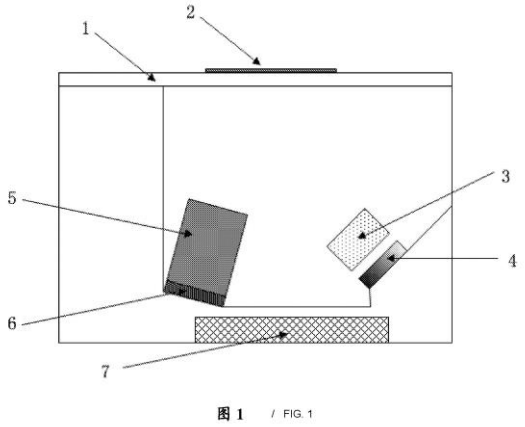
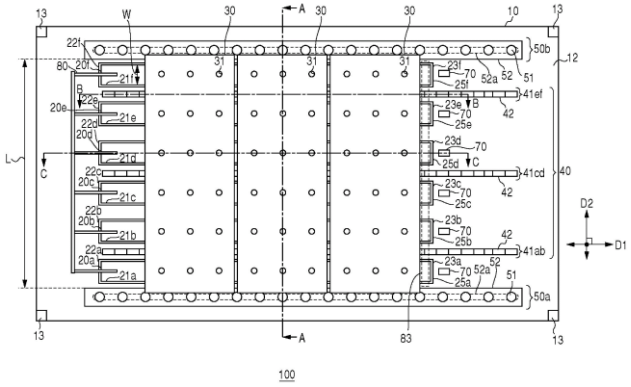


图 1 / FIG. 1

21: 2017/03442. 22: 2017/05/18. 43: 2019/05/24
51: A61B
71: Surgical Specialties Corporation
72: HALLETT, Brian S.
33: US 31: 62/075,090 32: 2014-11-04
54: BRAIDED SUTURE COAT
00: -
High-consistency nonabsorbable braided suture stock of specified size is prepared from twisted multifilament strands braided together with a tightness of weave of less than 60 picks/inch. The suture stock can be cut to provide sutures, which may be combined with needles to provide surgical sutures for wound closure.

21: 2017/03490. 22: 2017/05/22. 43: 2019/05/03
51: A01G; E04B
71: Yugenkaisha Japan Tsusyo
72: KITAGAWA, Katsuyuki
33: JP 31: 2013-168614 32: 2013-08-14
33: JP 31: 2013-168615 32: 2013-08-14
54: HYDROPONIC CULTURE SYSTEM, AND PLANT FACTORY PROVIDED WITH HYDROPONIC CULTURE SYSTEM AND GREENHOUSE PRODUCED FROM STYRENE FOAM
00: -
In order to provide an efficient hydroponic culture system, the present invention provides a hydroponic culture system provided with: a plurality of water tanks which extend in a predetermined direction; a plant holding plate which holds plants and are disposed to extend over the plurality of water tanks; and at least one support mechanism which is provided between adjacent water tanks among the plurality of water tanks, wherein each of the plurality of water tanks is configured to contain a culture solution required to grow the plant, and the support mechanism supports the plant holding plate above the plurality of water tanks.



21: 2017/03500. 22: 2017/05/22. 43: 2019/05/03
51: B65H; G07D
71: GRG Banking Equipment Co., Ltd.
72: ZHANG, Tao, SUN, Zhiqiang, XIAO, Hanfeng
33: CN 31: 201410785017.2 32: 2014-12-15
54: TEMPORARY PAPER MONEY STORAGE DEVICE AND CONTROL METHOD THEREOF
00: -
A temporary paper money storage device, comprising: a timing unit (105), used for acquiring the time from the moment when the front end of paper money enters a first sensor to the moment when the tail end of the paper money leaves the first sensor (104); a computing unit (106), used for computing the width of the paper money according to the time acquired by the timing unit, then computing the radius of a convex point of a storage winding drum (101) according to the width when the convex point is generated, and determining, according to the radius of the convex point, conditions under which the storage winding drum

generates the convex point; a detection unit (107), used for detecting, according to the real-time radius of the storage winding drum (101), whether the conditions under which the storage winding drum (101) generates the convex point are established; and an interval control unit (108), used for changing an interval d of the paper money on the storage winding drum (101) in a predetermined control mode to eliminate the convex point when the detection unit detects that the conditions under which the storage winding drum (101) generates the convex point are established. By means of the control method of the temporary paper money storage device, the technical problem that due to the fact that the temporary paper money storage unit forms an irregular circle after a convex point is formed on the temporary paper money storage unit, instability and faults are caused when paper money is fed into or discharged from a rolling mechanism is solved.

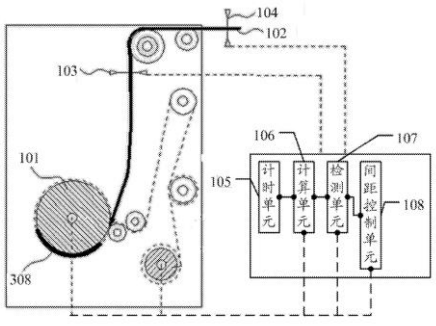
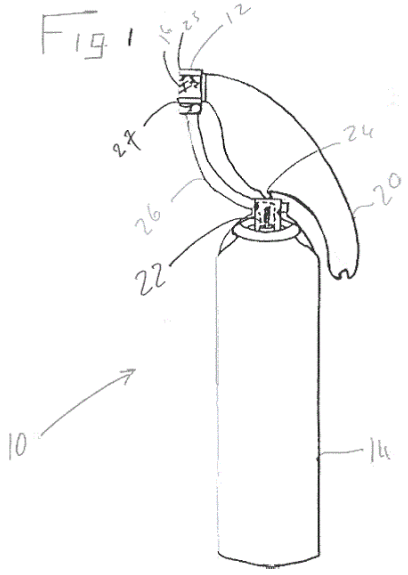


图 1 / Fig.1

105 Timing unit
106 Computing unit
107 Detection unit
108 Interval control unit

21: 2017/03507. 22: 2015/11/11. 43: 2019/05/23
51: A01N
71: ROMARK LABORATORIES, L.C.
72: ROSSIGNOL, JEAN-FRANCOIS, STACHULSKI, ANDREW
33: US 31: 62/078,384 32: 2014-11-11
54: COMPOSITIONS AND METHODS OF TREATMENT WITH PRODRUGS OF TIZOXANIDE, AN ANALOGUE OR SALT THEREOF
00: -
Prodrugs of tizoxanide, an analogue or salt thereof are disclosed. The prodrugs have an ester moiety comprising an amino acid moiety, and increase the bioavailability of the tizoxanide, an analogue or salt thereof. Compositions and methods of treating an intracellular protozoan infection, a viral infection or a cancer are also disclosed.

21: 2017/03521. 22: 2017/05/23. 43: 2019/05/02
51: B26B
71: RUSSELL, Duncan
72: RUSSELL, Duncan
33: ZA 31: 2016/01239 32: 2016-02-24
54: A SHAVING APPARATUS
00: -
According to the invention there is provided a shaving apparatus which includes a shaving element, an actuating means operably connected to the shaving element for actuating release of a shaving lubricant from a shaving lubricant containing receptacle, when in use; and a flow communication means for allowing flow of shaving lubricant from the shaving lubricant containing receptacle towards the shaving element.



21: 2017/03704. 22: 2017/05/30. 43: 2019/05/24
51: A61K; A61Q
71: Gaba International Holding GmbH
72: HINRICHS, Ruth, JAKUMEIT, Stephanie, MATUR, Turan
54: MOUTHRINSE FORMULATIONS COMPRISING FLUORIDE AND A METAL SALT OF PYRROLIDONE CARBOXYLIC ACID
00: -
The present invention provides an oral care composition comprising: (a) a metal salt of pyrrolidone carboxylic acid; (b) at least one fluoride

ion source; and (c) at least one a-hydroxy acid or salt thereof; wherein the composition is a mouthwash or a mouthrinse.

21: 2017/03833. 22: 2017/06/05. 43: 2019/05/24
51: A61K; A61Q
71: Colgate-Palmolive Company
72: LAVENDER, Stacey, SULLIVAN, Richard, KHAN, Najma
54: ORAL CARE PRODUCTS AND METHODS OF USE AND MANUFACTURE THEREOF
00: -
This invention relates to a dual phase mouthwash comprising a hydrophilic phase, a hydrophobic phase, and a hydrotrope, wherein the hydrophobic phase comprises coconut oil, as well as to methods of using and of making such compositions.

21: 2017/03865. 22: 2017/06/06. 43: 2019/05/03
51: C10G; C10L
71: DREXEL UNIVERSITY
72: FRIDMAN, Alexander, RABINOVICH, Alexander, DOBRYNIN, Danil, CHERNETS, Ivan, LIU, Chong
33: US 31: 62/086,795 32: 2014-12-03
54: DIRECT INCORPORATION OF NATURAL GAS INTO HYDROCARBON LIQUID FUELS
00: -
The present invention provides a method of incorporating a gaseous hydrocarbon into a liquid hydrocarbon. The method comprises steps of exposing a gaseous hydrocarbon to non-thermal plasma generated using a reduced electric field with an E/N ratio in a range of from about 10 to about 30 Td to activate the gaseous hydrocarbon, and contacting the activated gaseous hydrocarbon with the liquid hydrocarbon to incorporate the gaseous hydrocarbon into the liquid hydrocarbon. The method provides the advantages of low energy consumption and relatively low capital expenditure.

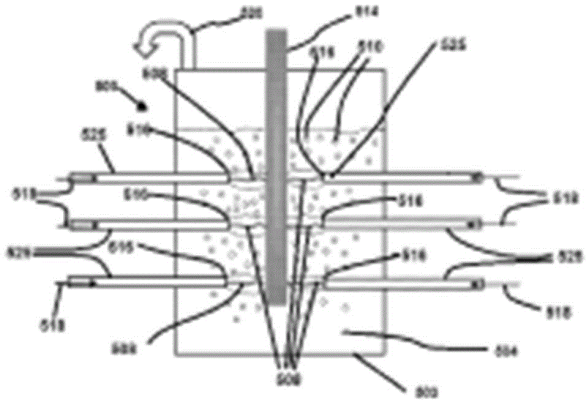
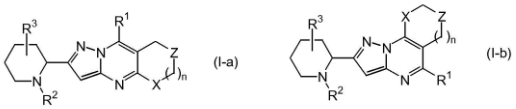


FIG. 10

21: 2017/03867. 22: 2017/06/06. 43: 2019/05/24
51: C07D
71: Bayer Pharma Aktiengesellschaft
72: PETERS, Jan-Georg, RUBENBAUER, Philipp, GÖTZ, Daniel, GROßBACH, Danja, MAIS, Franz-Josef, SCHIRMER, Heiko, STIEHL, Juergen, LOVIS, Kai, LENDER, Andreas, SEYFRIED, Martin, ZWEIFEL, Theodor, MARTY, Maurus, WEINGÄRTNER, Günter
33: EP(DE) 31: 14192203.9 32: 2014-11-07
54: SYNTHESIS OF COPANLISIB AND ITS DIHYDROCHLORIDE SALT
00: -
The present invention relates to a novel method of preparing copanlisib, copanlisib dihydrochloride, or hydrates of copanlisib dihydrochloride, to novel intermediate compounds, and to the use of said novel intermediate compounds for the preparation of said copanlisib, copanlisib dihydrochloride, or hydrates of copanlisib dihydrochloride. The present invention also relates to copanlisib dihydrochloride hydrates as compounds.

21: 2017/03900. 22: 2017/06/07. 43: 2019/05/06
51: A61K; A61P; C07D
71: Janssen Sciences Ireland UC
72: TAHRI, Abdellah, VENDEVILLE, Sandrine Marie Helene, JONCKERS, Tim Hugo Maria, RABOISSON, Pierre Jean-Marie Bernard, DEMIN, Samuël Dominique, HU, Lili
33: EP(IE) 31: 14196789.3 32: 2014-12-08
54: PIPERIDINE SUBSTITUTED TRICYCLIC PYRAZOLO[1,5-A]PYRIMIDINE DERIVATIVES WITH INHIBITORY ACTIVITY ON THE REPLICATION OF THE RESPIRATORY SYNCYTIAL VIRUS (RSV)
00: -

The invention concerns novel substituted tricyclic pyrazolo pyrimidine compounds of formula (I-a) or (I-b) having antiviral activity, in particular, having an inhibitory activity on the replication of the respiratory syncytial virus (RSV). The invention further concerns the preparation of such novel compounds, compositions comprising these compounds, and the compounds for use in the treatment of respiratory syncytial virus infection.



21: 2017/03902. 22: 2017/06/07. 43: 2019/05/06
51: A61K; A61Q; B26B
71: The Gillette Company
72: MOLONEY, Michael John, HAINES, Christopher, STEPHENS, Alison Fiona, BRADFORD, Valerie Jean, SEROUT, Adrien Loic
33: US 31: 62/093,732 32: 2014-12-18
54: LUBRICATING MEMBERS HAVING HYDROPHOBIC COMPONENTS FOR RAZOR CARTRIDGES
00: -
The invention relates to a solid compressed lubricating member for a razor cartridge comprising from 10% to 90% by weight of a particulate material comprising water soluble polymer and from 12% to 40% by weight of a hydrophobic compound or mixtures thereof; wherein at least a portion of said water soluble polymer particulate is spray coated with said hydrophobic compound and methods of manufacture thereof.

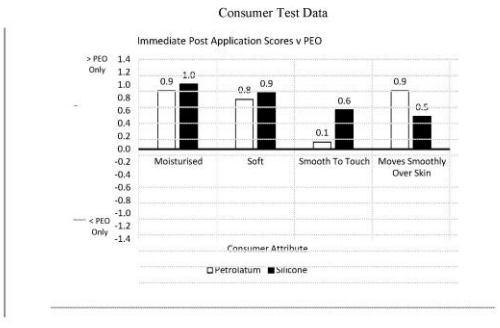


Fig 1

21: 2017/03903. 22: 2017/06/07. 43: 2019/05/06
51: A61K; A61Q; B26B
71: The Gillette Company
72: MOLONEY, Michael John, HAINES, Christopher, STEPHENS, Alison Fiona, LU, Bailu
33: US 31: 62/093,739 32: 2014-12-18
54: LUBRICATING MEMBERS FOR RAZOR CARTRIDGES
00: -
The invention relates to a solid compressed lubricating member for a razor cartridge comprising from 10% to 90% by weight of a particulate material comprising water soluble polymer and from 1% to 40% by weight of a silicone polymer or mixtures thereof; wherein at least a portion of said water soluble polymer particulate is spray coated with said silicone polymer and methods of manufacture thereof.

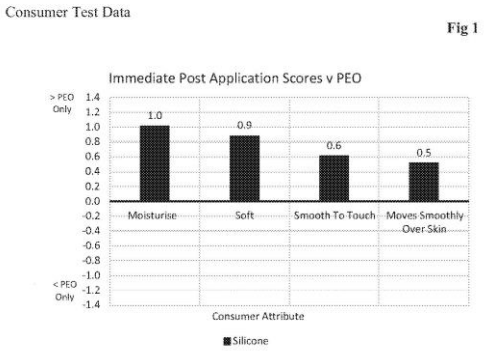


Fig 1

21: 2017/03908. 22: 2017/06/07. 43: 2019/05/07
51: E21B; E21C
71: Sandvik Intellectual Property AB
72: GHOLIOF, Hamidreza, GRIEF, Ralf, FADER, Joseph
33: EP(SE) 31: 15152283.6 32: 2015-01-23
54: A ROTARY CLAW DRILL BIT
00: -
A modular rotary claw drill bit having a head mountable at a body, the head mounting a plurality of front and gauge cutting picks. A cutting tip of each front pick is located at a different radial position at the head to optimise the flushing of cut material and to minimise pick wear during use.

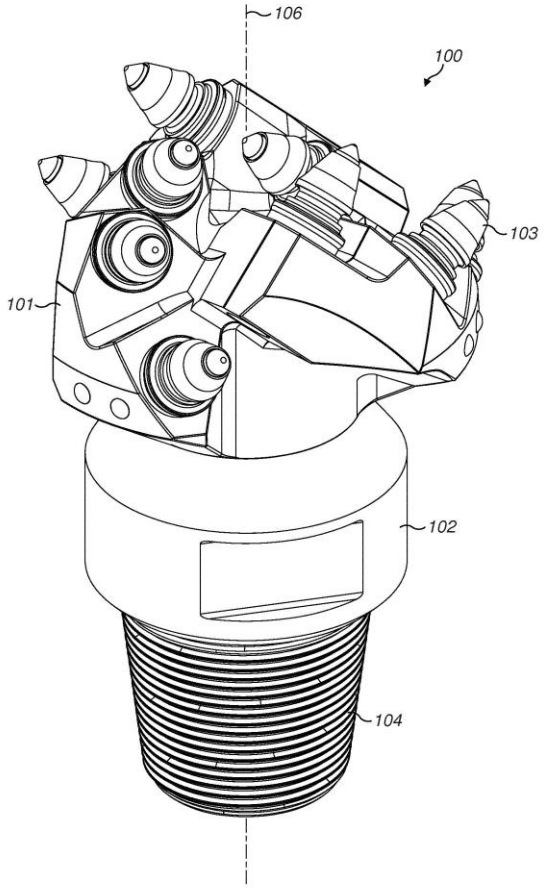
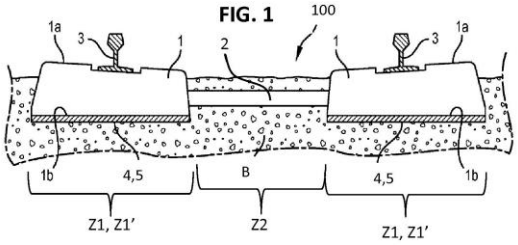


FIG. 1

21: 2017/04038. 22: 2017/06/13. 43: 2019/07/02
51: G06K
71: OELOFSE, TARRYN LEE, SMITH, DEE
72: OELOFSE, TARRYN LEE
33: ZA 31: 2016/03910 32: 2016-06-09
54: A FACIAL RECOGNITION SYSTEM AND METHOD
00: -
An image recognition system, the system including, a means for capturing an image; a means for transmitting the captured image to a database of mined information from the internet; the system configured to analyse and recognize the image contents using the information contained in the database, and wherein based on the image contents recognised, the system transmits information to a user of the system.

21: 2017/04114. 22: 2017/06/15. 43: 2019/05/23
51: E01B
71: Sateba Systeme Vagneux, Getzner Werkstoffe Holding GmbH
72: AUGUSTIN, Andreas, LOY, Harald, POTOCAN, Stefan, PETIT, Charles
33: FR 31: 1461185 32: 2014-11-19
54: ARRANGEMENT OF A SLEEPER IN A BALLAST BED BY MEANS OF AN ELASTO–PLASTIC SLEEPER PAD
00: -
The invention proposes an assembly for maintaining rails of a railway, comprising: a sleeper (100), intended to support at least two rails (3), said sleeper comprising at least one block (1), and a soleplate (4) comprising a semi-plastic damping layer (5) intended to be interposed between said block (1) of the sleeper (100) and a ballast (B), in which the damping layer (5) has, in the case of the implementation of a load test, an EPM index within in the range of 10% to 25%, preferably within the range of 10% to 20% and the sleeper has a length (L) if less than 2.30m.

FIG. 1



21: 2017/04512. 22: 2017/07/04. 43: 2019/05/07
51: A61K; A61P
71: SANOFI-AVENTIS DEUTSCHLAND GMBH
72: BERGMANN, Karin, HINCELIN-MÉRY, Agnès, JAN, Christelle
33: EP 31: 15151488.2 32: 2015-01-16
54: TREATMENT OF PEDIATRIC TYPE 2 DIABETES MELLITUS PATIENTS WITH LIXISENATIDE
00: -
The present invention refers to lixisenatide for use in pediatrics.

21: 2017/04628. 22: 2017/07/10. 43: 2018/04/26
51: A01G
71: UNIVERSITY OF JOHANNESBURG
72: WHITEHEAD, Charles Stephen
33: ZA 31: 2014/06720 32: 2014-09-12
54: APPARATUS FOR PREPARING AND APPLYING A FOLIAR SPRAY

00: -

The invention relates to an apparatus for applying foliar spray and more specifically, but not exclusively, to an apparatus for applying a carbon rich foliar spray. The apparatus (1) includes supply means (2) for supplying water (3) to the apparatus. The supply means (2) is in the form of a water tank (4) with pipe (5) extending from the tank, through a reverse osmosis water filtration unit (12), pump (6), and valve (7). A solute container (8) for holding solute (9) in the form an electrolyte solution of sodium ions (Na+) and bicarbonate ions (HCO3-) formed by mixing sodium bicarbonate and water (3) from the supply means (2). The combinatory part (10) is connected to an ion exchange part (15) through valve (19), pipe (17) and pump (18). The prepared solution is the product of passing the diluted electrolyte solution (11) through the ion exchange column (15). The prepared solution now contains mostly negatively charged bicarbonate anions (HCO3-) and may be applied to the foliage of plants (26) through pump (27), pipes (28), and finally micro sprayers (29).

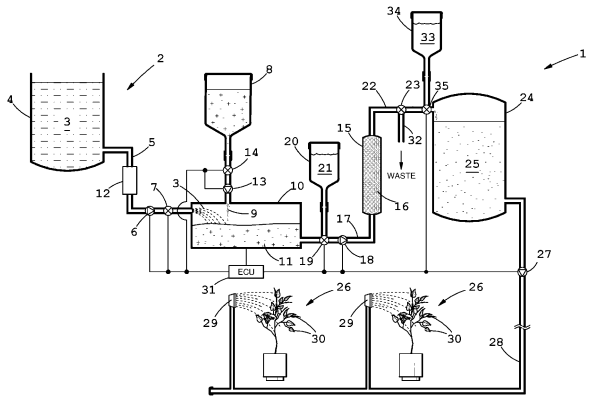
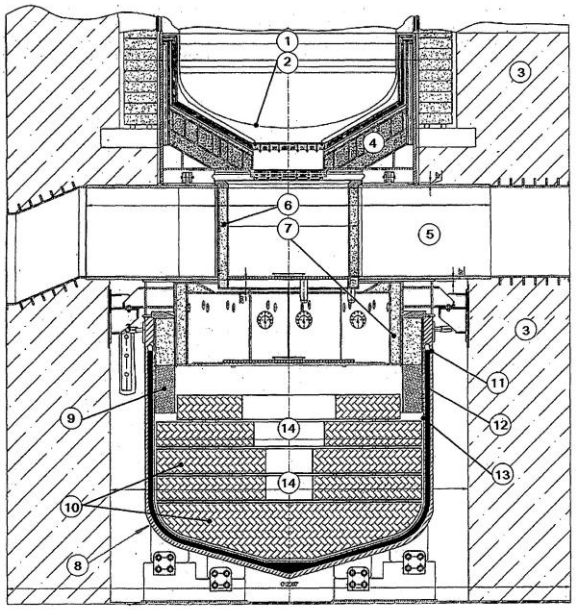


FIGURE 1

21: 2017/04784. 22: 2017/07/14. 43: 2019/05/03
51: G21C
71: Joint Stock Company Atomenergoproekt
72: NEDOREZOV, Andrey Borisovich, SIDOROV, Aleksandr Stalevich
33: RU 31: 2014150938 32: 2014-12-16
54: SYSTEM FOR CONFINING AND COOLING MELT FROM THE CORE OF A WATER COOLED-WATER MODIFIED REACTOR
00: -

The invention relates to the field of atomic energy, and specifically to systems which provide for the safety of nuclear power plants, and may be used in the event of serious accidents leading to the destruction of a reactor housing and of the hermetic containment structure of a nuclear power plant. A system for confining and cooling melt contains: a guide plate in the form of a funnel, installed under the bottom of a reactor housing; a cantilever truss, installed under the guide plate so that the plate rests on same; a melt catcher, installed under the cantilever truss and provided with a cooling casing in the form of a multi-layered vessel for protecting an outer heat-exchange wall against dynamic, thermal and chemical influences; and a filler for diluting the melt, located in said multi-layered vessel. Said multi-layered vessel contains a metal inner layer and a metal outer layer, between which is provided an intermediate layer in the form of a non-metal filler; wherein, reinforcing ribs are provided between the inner and outer layers, said ribs being installed with an azimuthal spacing ($s_{шаг}$) which satisfies the condition: $d_{нар}/15<s_{шаг}d_{нар/5}$, where $d_{нар}$ is the outer diameter of the vessel. The technical result consists in increasing the effectiveness of removing heat from a melt and in increasing design reliability.



Фиг. 1

21: 2017/04811. 22: 2017/07/17. 43: 2019/05/07
51: A47K; E04B; E04C; E04H
71: ACL Familietrust
72: LABUSCHAGNE, André Charles
33: ZA 31: 2016/02654 32: 2016-04-19
54: A TOILET STRUCTURE
00: -

The invention relates to a prefabricated toilet structure and to a method of constructing a toilet structure. The toilet structure comprises a precast cementitious floor which includes a plurality of female mating formations in the form of lengths of lip channel and at least one pair of hollow columns which include similar female mating formations in the form of lip channels at longitudinally spaced apart positions of each column. Locating formations are provided in the floor for locating the columns. Opposing sidewalls, each comprising a pair of vertically stacked panels are removably connected to the floor and columns through male mating formations in the form of protruding lugs which slidably engage the female mating formations of the floor and columns. Two vertically stacked rear wall panels are joined to the sidewalls using screws which screw into lugs formed in the sidewalls.

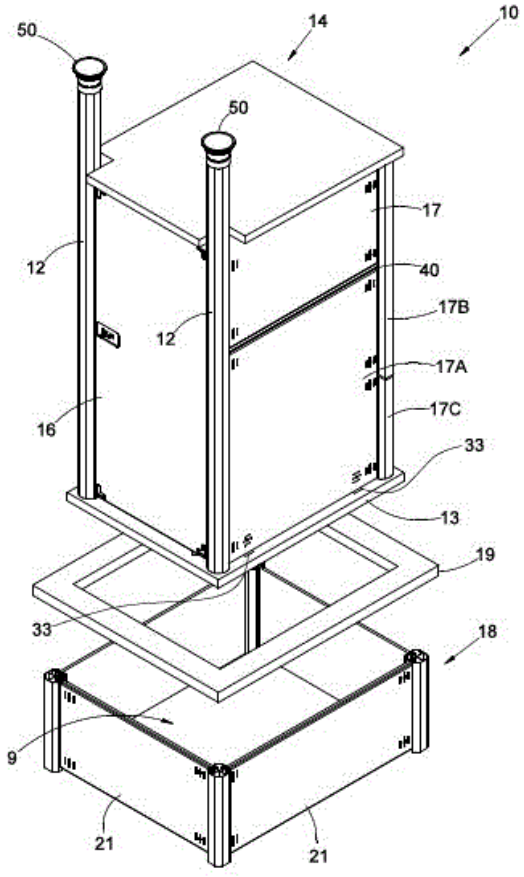


Figure 1

21: 2017/04812. 22: 2017/07/17. 43: 2019/05/06
51: E03D
71: PUREPRO (PTY) LTD
72: BAUERMEISTER, Bertus Anton
33: ZA 31: 2016/05998 32: 2016-08-30
54: TOILET UNBLOCKING APPARATUS
00: -

An apparatus for unblocking a toilet drain pipe is disclosed, the apparatus including a flexible cover configured to extend across the rim of a toilet bowl. The cover includes a peripheral portion that can be secured to or over the toilet bowl rim; and an inner, flexible portion that in use is positioned above the toilet bowl, once the peripheral portion of the cover has been secured to the toilet bowl rim. In use, a user can press down upon the inner, flexible portion so as to force air within the toilet bowl downwardly into the drain pipe in order to unblock the toilet drain pipe. In an embodiment, the apparatus includes securing means for securing the cover to the toilet bowl rim, the securing means typically including a sticky/tacky peripheral portion, on the underside of the peripheral portion of the cover.

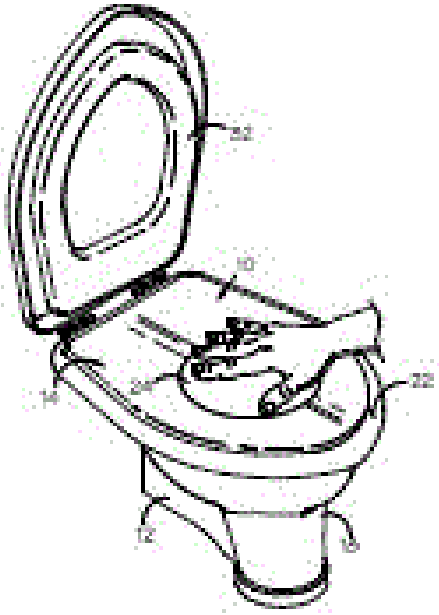
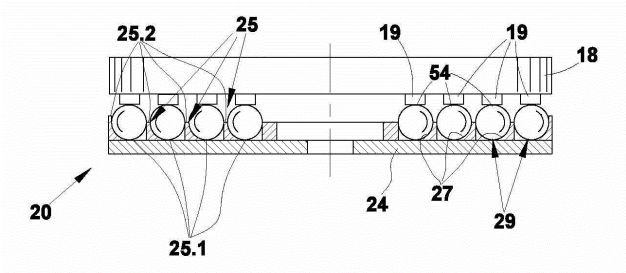


Fig. 4

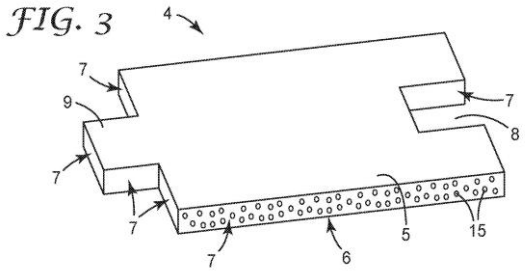
21: 2017/04816. 22: 2017/07/17. 43: 2019/05/06
51: B02C
71: TECHMILL INVESTMENTS (PTY) LTD.
72: BARNARD, Tjaart Johannes
54: DIMINUTION OF PARTICULATE MATERIAL
00: -

This invention relates to a diminution apparatus in the form of a pulveriser mill 10, 65 which includes an upper disc-like element or stator 18 and a lower

disc-like element or rotor 20 that are superimposed and spaced apart to provide a milling zone 52 there between and drive means for effecting relative rotation of the disc-like elements for grinding of ore. Milling balls 54 are held captive in the milling zone 52 within predefined concentric, annular guide paths 29 defined by a series of alternating recesses 25.1 and ridges 25.2 provided on an upper surface of the rotor 20. The annular guide paths 29 for the milling balls 54 prevent jamming of the balls 54 and facilitate increased material throughput of the apparatus. It also improves the grade or fineness of discharged ore.



21: 2017/04826. 22: 2017/07/17. 43: 2019/05/03
51: F01N
71: 3M Innovative Properties Company
72: KUNZE, Ulrich E., MIDDENDORF, Claus
33: EP(DE) 31: 14199045.7 32: 2014-12-18
54: MOUNTING MAT FOR AN EXHAUST GAS TREATMENT DEVICE
00: -
A mounting mat (4) for an exhaust gas treatment device (10), the mounting mat (4) comprises two opposing main surfaces (5, 6) and at least one edge surface (7) extending between the main surfaces; at least one portion of the at least one edge surface comprises a protection coating comprising inorganic particles (15), and the inorganic particles have an average diameter of at least 1 µm.



21: 2017/04859. 22: 2017/07/18. 43: 2019/05/06
51: A47K; E04B; E04C; E04H
71: ACL Familietrust
72: LABUSCHAGNE, André Charles
33: ZA 31: 2016/02653 32: 2016-04-19
54: MANUFACTURING OF COMPONENTS FOR A TOILET STRUCTURE
00: -
A kit is provided for manufacturing a toilet structure which includes a plurality of pre-cast components. The kit includes at least one first mould formed from a plastics or polymeric material. The first mould is substantially planar, having an open top and being configured for casting a roof of the toilet structure. The kit further includes at least one second mould formed from a plastics or polymeric material. The second mould is substantially planar, having an open top and being configured for casting side panels of the toilet structure. The first and second moulds have substantially matching footprints which render them stackable, one on top of the other, for curing purposes such that an operatively upper mould substantially closes and seals off an open top of an operatively lower mould. A method of manufacturing such a kit and a method of manufacturing components for a toilet structure are also provided.

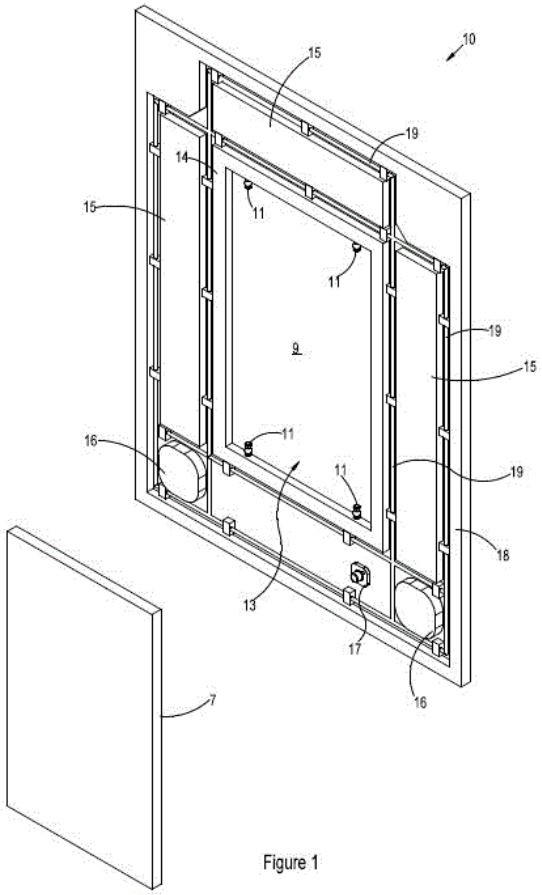


Figure 1

21: 2017/04860. 22: 2017/07/18. 43: 2019/05/06
51: E04B; F24F
71: ACL Familietrust
72: LABUSCHAGNE, André Charles
33: ZA 31: 2016/02655 32: 2016-04-19
54: ROOF FOR A TOILET STRUCTURE
00: -
A roof for a toilet structure is provided. The roof comprises a pitched body including an apex and at least two corner sections. The body further includes an outer layer which slopes from the apex towards the corner sections and an inner layer which is disposed operatively below the outer layer and is spaced therefrom, such that an inner cavity is defined between the outer layer and the inner layer. At least one inlet vent leads into the inner cavity. An outlet vent is positioned operatively downstream of the inlet vent such that a ventilation passage is defined from the inlet vent to the outlet vent through the inner cavity. Each corner section is configured to mate with a pillar or column of a toilet structure to which the roof is mounted or mountable.

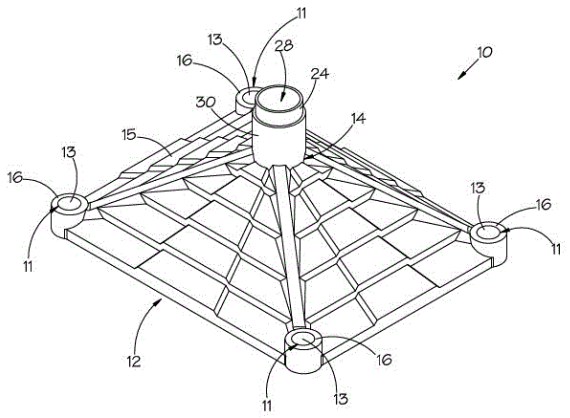


Figure 1

21: 2017/04863. 22: 2017/07/18. 43: 2019/05/03
51: A24F
71: PHILIP MORRIS PRODUCTS S.A.
72: TALON, Pascal, BERNAUER, Dominique
33: EP 31: 15163675.0 32: 2015-04-15
54: DEVICE AND METHOD FOR CONTROLLING AN ELECTRICAL HEATER TO LIMIT TEMPERATURE ACCORDING TO DESIRED TEMPERATURE PROFILE OVER TIME
00: -
There is provided method and system for controlling heating in an aerosol-generating system(100) comprising a heater(14). The method comprises comparing a measured parameter (R), indicative of the temperature of the heater(14), with a target value (Rtarget) for that parameter; if the measured parameter (R) exceeds the target value(Rtarget) by greater than or equal to a first amount, then preventing a supply of power to the heater(14) for a first time period; and if the measured parameter exceeds the target value, but by less than the first amount, then preventing the supply of power to the heater for a second time period, shorter than the first time period. This allows for rapid cooling of the heater when necessary.

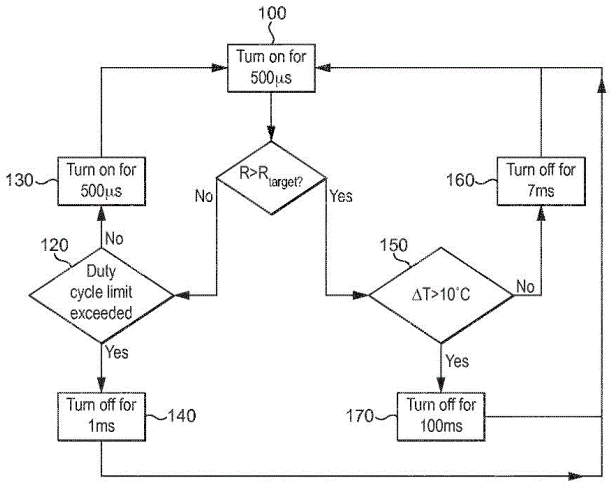


FIG. 7

21: 2017/04864. 22: 2017/07/18. 43: 2019/05/06
51: A01G
71: NEW GROWING SYSTEMS, S.L.
72: BELMONTE MULA, Manuela
33: Spain 31: P201500105 32: 2015-02-10
54: FACILITY FOR HYDROPONIC CULTURE
00: -

The facility is of the type that has a pair of side bars (1,1) acting as inclined supports for an upper sheet (2) with openings (8) for inserting the plants, a closed lower sheet (4) acting as a collector, and at least one intermediate sheet (3) with openings determining a cascade trajectory for the water with the nutrients. The invention consists in providing a multi-layer upper sheet (2) comprising preferably four layers (2a, 2b, 2e and 2d), which together define narrow channels (7) for selective use, such that at the time of insertion, the root of each plant is placed in a channel (7) different from that used by the adjacent plants. Furthermore, according to the invention, the openings (8) for the insertion of the plants form two marginal and longitudinal lines. In this way, the roots of the adjacent plants can be completely isolated during the first growth phase thereof, preventing interference therebetween and allowing plants with different growth rates and even different types of plants to be arranged on the facility, generating, in turn, continuous production and an improved yield from the facility.

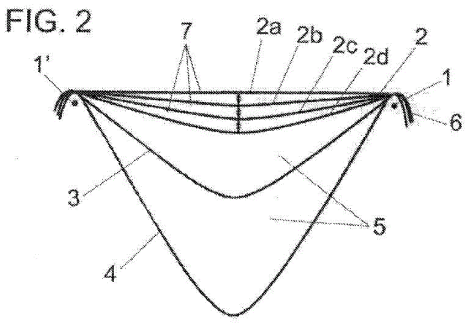
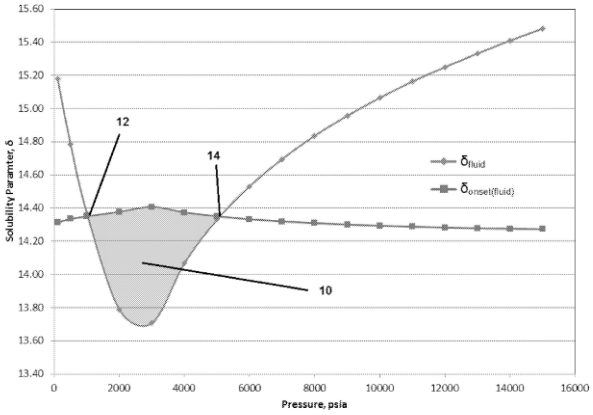


FIG. 2

21: 2017/04872. 22: 2017/07/18. 43: 2019/05/07
51: G01N
71: BP Corporation North America Inc.
72: BALASHANMUGAM, Soban, HAGHSHENAS, Mehdi, GONZALEZ, Doris, TOTTON, Timothy
33: US 31: 62/106,326 32: 2015-01-22
54: METHODS FOR PREDICTING ASPHALTENE PRECIPITATION
00: -

A method predicts the asphaltene precipitation envelope of a fluid consisting of stock tank oil and dissolved gas. The method comprises comparing a solubility parameter of the fluid, δ_{fluid}, and an onset solubility parameter of the fluid, $\delta_{onset(fluid)}$, across a range of pressures, to predict pressures at which asphaltene precipitation will be observed. δ_{fluid} and $\delta_{onset(fluid)}$ are calculating using a correction factor, $F_{correction}$. $F_{correction}$ is determined according to formula (1): $F_{correction} = \delta_{STO(physical)} / \delta_{STO(solvent\ power)}$ (1) where: $\delta_{STO(physical)}$ is an estimate of the solubility parameter of the stock tank oil based on a physical property of the stock tank oil, and $\delta_{STO(solvent\ power)}$ is an estimate of the solubility parameter of the stock tank oil based on the solvent power of the stock tank oil.



21: 2017/04880. 22: 2017/07/18. 43: 2019/05/03
51: G07D

71: GRG Banking Equipment Co., Ltd.
72: CHEN , Jian, CUI, Shanling, WANG, Qianwen, XU, Jing
33: CN 31: 201510033336.2 32: 2015-01-22

54: BANKNOTE CLASSIFICATION AND IDENTIFICATION METHOD AND DEVICE BASED ON LAB COLOR SPACE

00: -

A banknote classification and identification method and device based on a Lab color space, which are used for increasing the recognition rate of face values. The method comprises: acquiring an RGB image of a banknote to be detected; calculating gray values Gray R, Gray G and Gray B of the RGB image in red (R), green (G) and blue (B) wavebands; converting Gray R, Gray G and Gray B into gray values Gray a and Gray b in a Lab color space; and comparing the product of Gray a and Gray b and the difference between the absolute value of Gray a and the absolute value of Gray b with a preset formula to obtain the category of the banknote to be detected.

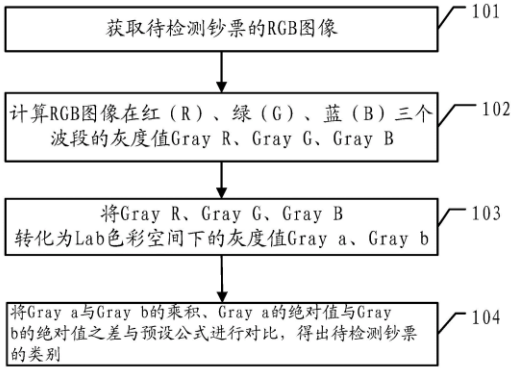


图 1

101 ACQUIRE AN RGB IMAGE OF A BANKNOTE TO BE DETECTED
102 CALCULATE GRAY VALUES GRAY R, GRAY G AND GRAY B OF THE RGB IMAGE IN RED (R), GREEN (G) AND BLUE (B) WAVEBANDS
103 CONVERT GRAY R, GRAY G AND GRAY B INTO GRAY VALUES GRAY A AND GRAY B IN A LAB COLOR SPACE
104 COMPARE THE PRODUCT OF GRAY A AND GRAY B AND THE DIFFERENCE BETWEEN THE ABSOLUTE VALUE OF GRAY A AND THE ABSOLUTE VALUE OF GRAY B WITH A PRESET FORMULA TO OBTAIN THE CATEGORY OF THE BANKNOTE TO BE DETECTED

21: 2017/04908. 22: 2017/07/19. 43: 2019/05/09
51: B66B; B66C; E21F
71: ThyssenKrupp Industrial Solutions AG, thyssenkrupp AG
72: WOLPERS, Franz, SPANKE, Matthias, DONNER, Benjamin, YE, Wei
33: DE 31: 10 2015 001 825.6 32: 2015-02-16

54: CONVEYING SYSTEM FOR OPEN-CAST MINING

00: -

The present invention relates to a conveying system (1) for open-cast mining that is designed to be arranged above an inclined embankment (100) of an open-cast crater and by means of which raw materials can be conveyed from a lower height level (101) on a working floor of the open-cast mine to an upper height level (102) on the ground adjoining the open-cast pit, wherein at least one conveying vessel (10) is provided which can be loaded with raw materials at the lower height level (101) and from which the raw materials can be unloaded at the upper height level (102), and wherein at least one carrier cable (11) for load take-up and guidance and a pulling cable (12) for moving the conveying vessel (10) are provided, and wherein a supporting element (13) to which the carrier cable (11) is fastened and on which the pulling cable (12) is guided is set up at least at the upper height level (102). In order to obtain a simplified design of the conveying system, there is provision according to the invention that a truck-feeding station (14) onto which the conveying vessel (10) can be guided is set up at the lower height level (101), with the result that the raw materials can be filled from a truck (15), which can be moved onto the truck-feeding station (14), into the conveying vessel (10) by means of a pouring operation, and that a raw material-receiving station (16) above which the conveying vessel (10) can be guided is set up at the upper height level (102), with the result that the raw materials can be unloaded from the conveying vessel (10) into a raw material-receiving means (17), with the result that the conveying system (1) is designed to be incorporated in a truck transport operation for the raw materials.

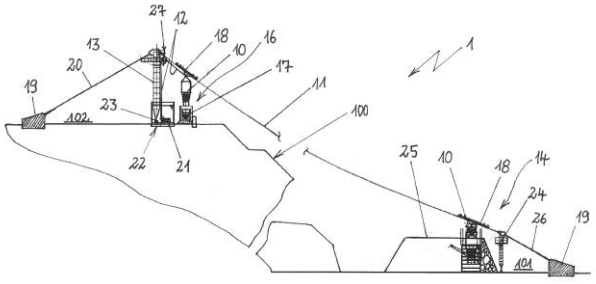


Fig. 1

21: 2017/04916. 22: 2017/07/19. 43: 2019/05/03

51: A24F
71: PHILIP MORRIS PRODUCTS S.A.
72: PLOJOUX, Julien, MINZONI, Mirko, MAHLER, Boris
33: EP 31: 15162071.3 32: 2015-03-31
54: EXTENDED HEATER AND HEATING ASSEMBLY FOR AN AEROSOL GENERATING SYSTEM
00: -
A heating assembly for heating an aerosol-forming substrate, comprises a heater (14) comprising an electrically resistive heating element (82) and a heater substrate (81); and a heater mount (26) coupled to the heater (14). The electrically resistive heating element (82) comprises a first portion (84) and a second portion (86) configured such that, when an electrical current is passed through the heating element (82) the first portion (84) is heated to a higher temperature than the second portion (86). The first portion (84) of the heating element (82) is positioned on a heating area (91) of the heater substrate (81) and the second portion (86) of the heating element (82) is positioned on a holding area (93) of the heater substrate (81), the heater mount (26) being fixed to the holding area (93) of the heater substrate (81). The second portion (86) of the electrically resistive heating element (82) is longer than the first portion (84) of the heating element (82), which allows the heating element (82) to penetrate an aerosol-forming substrate located within an aerosol-forming article.

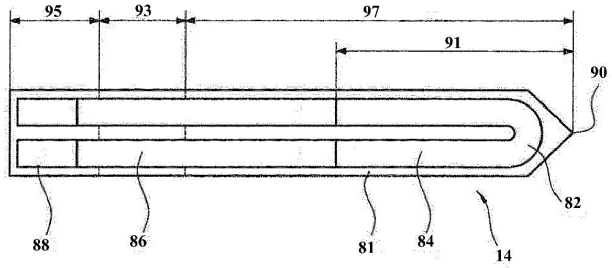
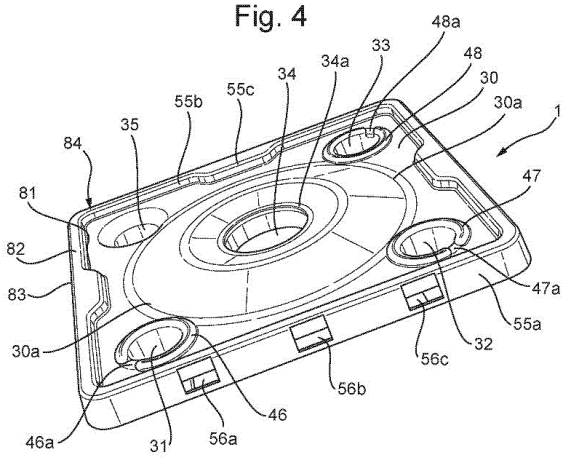


Figure 5

21: 2017/04917. 22: 2017/07/19. 43: 2019/05/06
51: A01G
71: DE FATIMA AURIA ARANDA, Debora
72: HOFF, Petrus Mattheus Maria
33: The Netherlands 31: 2014185 32: 2015-01-23
54: A PLATE-SHAPED STRUCTURE, A RESERVOIR AND A METHOD
00: -
The invention relates to a plate-shaped structure for cultivating one or more plants. The plate-shaped structure (1) may optionally collect moisture from the atmosphere and comprises a generally flat upper surface (30) provided with a cavity (31, 32, 33) for holding plant material. The cavity has a sidewall (41, 42, 43) and a bottom portion (51, 52, 53). Further, the bottom portion includes an aperture (61, 62, 63) traversing the plate-shaped structure. In use, the plate shaped structure can cover a reservoir (10) or can be placed on the soil. Optionally, the plate-shaped structure comprises a drain opening (35) with a floating cap and a covering cap so as to allow moisture to flow through the drain opening while minimizing evaporation. Further, the plate-shaped structure may have a cap structure (84) at its periphery for clampingly receiving the upwardly extending exterior sidewall of the reservoir. The plate-shaped structure can be fixed to the reservoir using protrusions (57 a-c, 58a-c) traversing corresponding openings.

Fig. 4



21: 2017/04975. 22: 2017/07/21. 43: 2019/05/03
51: C08G
71: Henkel AG & Co. KGaA
72: HOLTGREWE, Christian, KÜSTER, Harald, BACHON, Thomas, SCHÖNFELD, Rainer
33: DE 31: 10 2014 226 842.7 32: 2014-12-22
54: CATALYST COMPOSITION FOR CURING RESINS CONTAINING EPOXY GROUPS
00: -
The present invention relates to a catalyst composition for curing resins containing epoxy groups, in particular epoxy/polyurethane hybrid

resins, said composition containing an imidazolium salt of formula (I), as defined herein, in addition to a base. The invention also relates to a method for curing these resins in the presence of the catalyst composition, to the use of said catalyst composition for curing resins containing epoxy groups, to resin systems comprising a resin containing epoxy groups and the catalyst composition, and to a dosing system that comprises the resin and the catalyst composition.

21: 2017/04978. 22: 2017/07/21. 43: 2019/05/03
51: C08G; C08L; C09J
71: Henkel AG & Co. KGaA
72: HOLTGREWE, Christian, KÜSTER, Harald, BACHON, Thomas, SCHÖNFELD, Rainer
33: DE 31: 10 2014 226 826.5 32: 2014-12-22
54: EPOXY RESIN COMPOSITION
00: -
The present invention relates to adhesive compositions containing a pre-polymer which can be obtained by reacting a reaction mixture containing: at least one epoxy resin; at least one polyether diamine or polyether triamine; at least one carboxyl-terminated butadiene acrylonitrile copolymer (CTBN); and rubber particles with a core-shell structure. The invention also relates to methods for curing said compositions, to cured adhesive compositions thus obtained, to the use thereof for bonding components and to the components thus obtained.

21: 2017/04986. 22: 2017/07/21. 43: 2019/04/25
51: B04C G01F G01M
71: CIDRA CORPORATE SERVICES INC.
72: CIRULIS, Dylan, MARON, Robert, J., O'KEEFE, Christian, V., ROTHMAN, Paul, J., NEWTON, David, V., MERCURI, Joseph, MEDINA, Juan, F.
33: US 31: 62/108,689 32: 2015-01-28
54: DETECTION OF CYCLONE WEAR OR DAMAGE USING INDIVIDUAL CYCLONE OVERFLOW MEASUREMENT
00: -
Apparatus features a signal processor or signal processing module configured to: receive signaling containing information about an acoustic noise profile that is directly measured and generated by a slurry hitting a probe configured in a part of a cyclone; and determine corresponding signaling containing information about the status of the part of the cyclone, based upon the signaling received. The signal processor or signal processing module is configured to provide the corresponding signaling, including where the corresponding signaling provided contains information about whether the part of the cyclone is damaged or worn. The part of the cyclone is an apex of the cyclone, and the corresponding signaling contains information about the status of the apex of the cyclone.

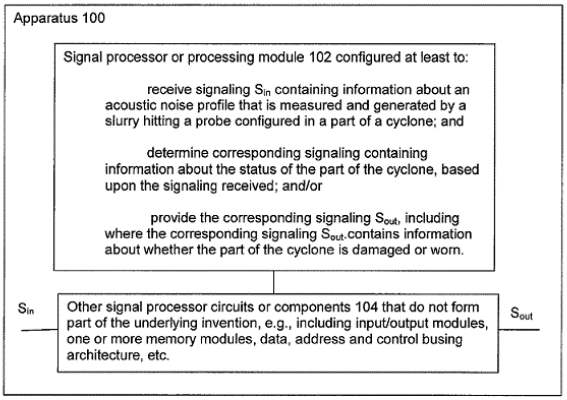


Figure 4A: The Basic Apparatus

21: 2017/04987. 22: 2017/07/21. 43: 2019/05/02
51: B01D
71: EVONIK FIBRES GMBH
72: PRISKE, Markus
33: EP 31: 14200384.7 32: 2014-12-29
54: PROCESS FOR SEPARATION OF GASES WITH REDUCED MAINTENANCE COSTS
00: -
The invention relates to a specific process and apparatus for separation of gas mixtures with reduced maintenance costs.

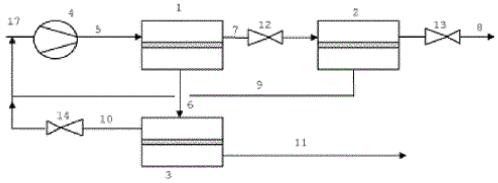


Fig. 1: Illustrative connection arrangement of several membrane modules according to invention

---

21: 2017/05014. 22: 2017/07/24. 43: 2019/05/06
51: A44C; H04R
71: TSOLIWE, Mawande Pule
72: TSOLIWE, Mawande Pule
33: ZA 31: 2016/06369 32: 2016-09-15
54: SOUND TRANSMITTING DEVICE
00: -

According to the invention there is provided a sound transmitting device arranged to be worn partly around a user's neck as a necklace, the sound transmitting device comprising at least one transmission line having at least one free end and a necklace portion for being worn around the user's neck; an earpiece extending at/towards the at least one free end for being inserted into or engaged against the user's ear, or engaged against a portion of the user's face in proximity to the user's ear; and a receiver means for receiving audio from a device associated with the user, the received audio being configured to be transmitted into the user's ear through the earpiece.



21: 2017/05026. 22: 2017/07/24. 43: 2019/05/06
51: C25C
71: Norsk Hydro ASA
72: HOP, Jørund, VEE, Inge Arild, STEFANSKI, Grzegorz, LILLEBY, Anders, KUEPPERS, Hans, TEIGEN, Per Johnny, HJELLE, Vidar
33: NO 31: 20150224 32: 2015-02-13

54: AN ANODE FOR USE IN AN ELECTROLYSIS PROCESS FOR PRODUCTION OF ALUMINIUM IN CELLS OF HALL-HEROULT TYPE, AND A METHOD FOR MAKING SAME

00: -

An anode for use in an electrolysis process for production of aluminium in cells of Hail- Héroult type, the anode comprises a body or block (120; 20) of calcinated carbonaceous material connected with an electrical current lead, where said current lead being connected with an anode rod (103; 3) and further being part of an anode hanger (101; 1). The current lead comprises at least one metallic suspension plate(s) (104; 4. 4') with vertically oriented redding plates (105 105'",5, 5') at least partly embedded by their lower partly in corresponding recesses (113, 113"", 13. 13'; 100, 100') in the top of the carbonaceous block (120; 20} and further connected by mechanical fixation means (108; 8; 14, 16). Said recesses are wider than the rodding plates and being filled with an electric conductive particulate material only. It Is also described a method for processing an undercut recess (10) in the anode top for mechanically fixing the anode block (20) to a protrusion (8) on the current lead.

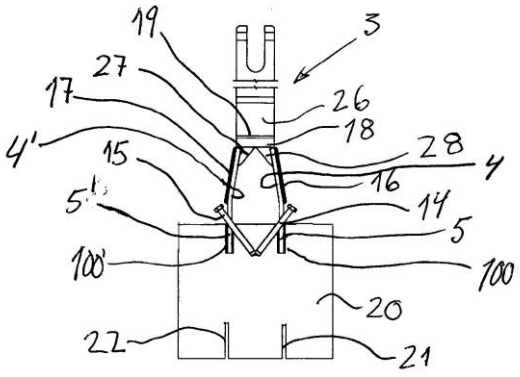


Fig. 10

21: 2017/05040. 22: 2017/07/25. 43: 2019/05/06
51: E21D
71: BOTHA, Raymond, Mark
72: BOTHA, Raymond, Mark
33: ZA 31: 2016/06661 32: 2016-09-27

54: YIELDING MINE SUPPORT

00: -

The invention provides a yielding mine roof support which includes a wooden pole of Eucalyptus grandis which has a tapered end portion tapering from the

pole diameter of 200 mm to 120 mm over a length of 400 mm. Three reinforcing rings made of low tensile strength low carbon steel welded round wire are spaced over the extent of the tapered portion as shown. Reinforcing steel end plates are secured to each of the tapered and untapered ends of the pole to reduce the risk of splitting or cracking when the support is in use.



21: 2017/05041. 22: 2017/07/25. 43: 2019/05/07
51: F16K; F16L
71: Patents Plus CC
72: McMENAMIN, John Wilson
33: ZA 31: 2016/05255 32: 2016-07-29
54: NON-RETURN VALVE
00: -
A non-return valve is disclosed including a housing defining a housing inlet end and a housing outlet end; a closure member having an opening therein being fitted to the housing and being arranged to partially seal the inlet end; and a substantially hollow valve body being provided in the opening of the closure member and defining a blocking end operatively blocking the opening in the closure member, a valve body inlet to permit fluid to enter the hollow valve body, and a valve body outlet for permitting the discharge of fluid entered into the valve body. The valve body is moveable within the opening relative to the closure member between the operatively blocking position to prevent backflow of fluid from passing into the inlet end, and an opened position to permit the discharge of fluid through the housing outlet end via the valve body outlet.

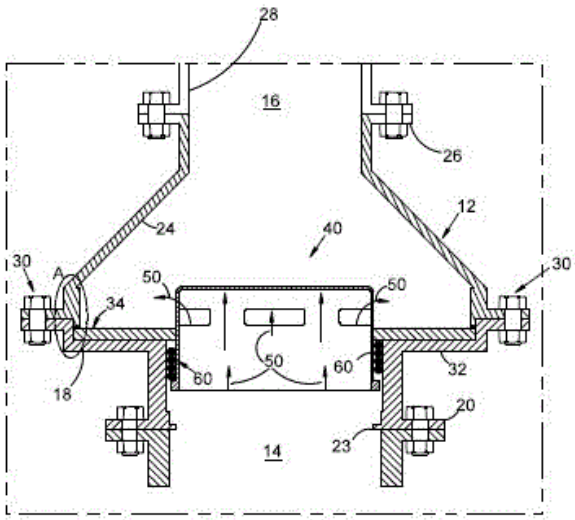


Figure 2

21: 2017/05053. 22: 2017/07/25. 43: 2019/05/06
51: B23K
71: Dallan S.P.A.
72: DALLAN, Andrea
33: IT 31: UB2015A001510 32: 2015-06-18
54: METHOD FOR CARRYING OUT PRECISE LASER CUTTINGS ON A RIBBON SHEET AND APPARATUS TO CARRY OUT THE METHOD
00: -
The present application realtes to a method for carrying out precise laser cutting on a ribbon sheet (4) of length and width positioned in a laser cutting station (10), wherein the laser cutting station comprises a conveyor for advancing the sheet (4), a cutting head (12) movable along both the axis longitudinal to the station and along the axis transverse to the station, a vision system (14) also movable along the X axis and Y axis, and a command and control centre with associated software which commands the movement of the cutting head (12) and of the vision system (14), wherein the command and control centre is provided with the coordinates of a CAD/CAM drawing corresponding to the ribbon sheet to be processed. A corresponding apparatus is also defined.

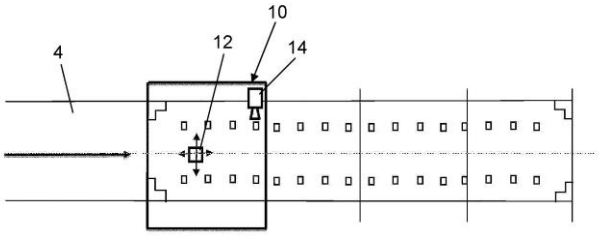


FIG. 3

21: 2017/05078. 22: 2017/07/26. 43: 2019/05/03
51: G06F
71: ZOGENIX INTERNATIONAL LIMITED
72: STEWART, Richard, Alistair, Balfour, CLARKE, Anthony
33: US 31: 62/056,836 32: 2014-09-29
54: CONTROL SYSTEM FOR CONTROL OF DISTRIBUTION OF MEDICATION
00: -
A system of controlling distribution of a medication in the treatment or prevention of epilepsy is provided. A central controller of the system has a data store and one or more processors for reading and writing data to the data store. The data store comprises a database of patient records, each patient record having a medication authorization field. The central controller can output an authorization of a first prescription of epilepsy medication to a patient in dependence upon genetic test results for the patient and schedules a subsequent test for the patient prior to authorization of a subsequent prescription of epilepsy medication. Also provided are methods in which the subject systems find use. The systems and methods find use in the treatment of severe subtypes of epilepsy or refractory epilepsy, such as Dravet Syndrome.

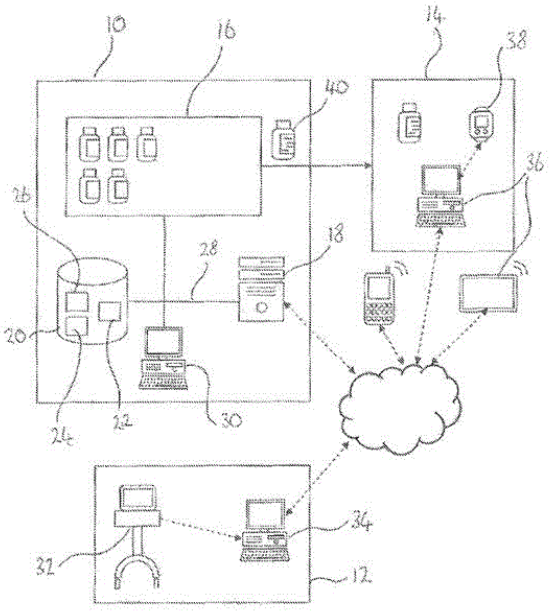
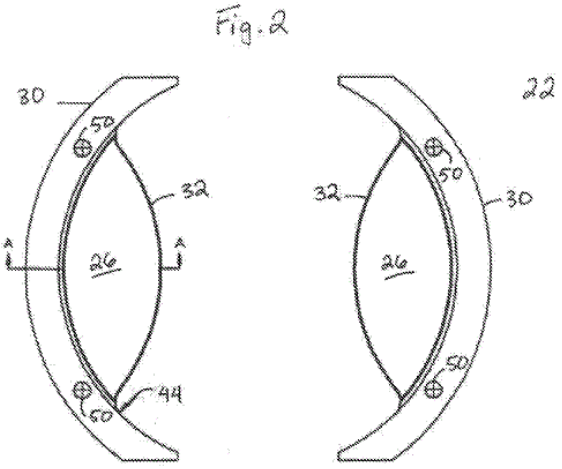


FIG. 3

21: 2017/05082. 22: 2017/07/26. 43: 2019/04/25
51: C23C
71: VISION EASE, LP
72: MARSHALL, Michael, BROWN, Jeff
33: US 31: 62/135,057 32: 2015-03-18
54: ANODE SHIELD
00: -
A sputter system and an anode and anode shield assembly that provide for improved grounding for extended sputter cycles.



21: 2017/05089. 22: 2017/07/26. 43: 2019/05/07
51: G07D
71: GRG Banking Equipment Co., Ltd.

72: QING, Qinghai, KE, Wenhui, WANG, Qinghua, XU, Jun, XIANG, Xuefei, LI, Haoyu, LIU, Maoqi
33: CN 31: 201510009633.3 32: 2015-01-07
54: CASH DISTRIBUTION METHOD, CASH DISTRIBUTION APPARATUS AND FINANCIAL SELF-SERVICE DEVICE
00: -
A cash distribution method, a cash distribution apparatus and a financial self-service device. The cash distribution method comprises: suspending cash dispensing in case of abnormality when cash is dispensed from a mixed cash box; acquiring the balance of cash dispensed according to the cash distribution limit and the total dispensed cash; continuing cash distribution for the balance of cash dispensed to obtain a continuous cash dispensing result; and continuing to dispense cash according to the continuous cash dispensing result. The technical problems in existing cash distribution technology that increasing wear on hardware of a machine core increases the maintenance cost and consumes a lot of time, reducing the cash dispensing efficiency, can be solved.

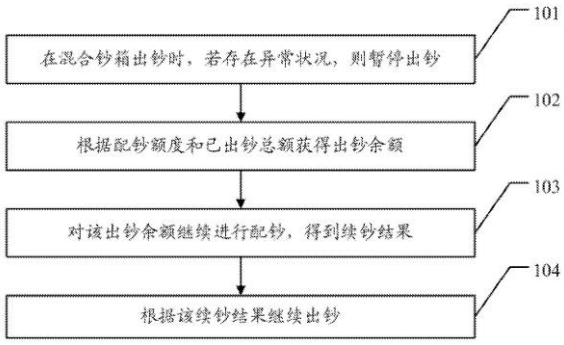


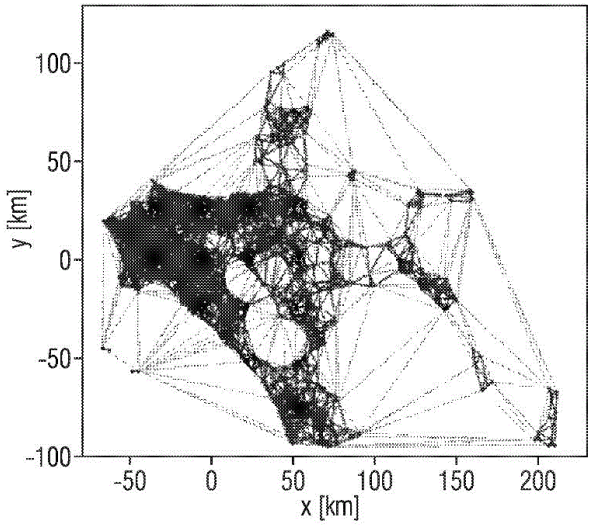
图 1

101 SUSPENDING CASH DISPENSING IN CASE OF ABNORMALITY WHEN CASH IS DISPENSED FROM A MIXED CASH BOX
102 ACQUIRING THE BALANCE OF CASH DISPENSING ACCORDING TO THE CASH DISTRIBUTION LIMIT AND THE TOTAL DISPENSED CASH
103 CONTINUING CASH DISTRIBUTION FOR THE BALANCE OF CASH DISPENSING TO OBTAIN A CONTINUOUS CASH DISPENSING RESULT
104 CONTINUING TO DISPENSE CASH ACCORDING TO THE CONTINUOUS CASH DISPENSING RESULT

21: 2017/05111. 22: 2017/07/27. 43: 2019/05/02
51: C22C
71: TSHWANE UNIVERSITY OF TECHNOLOGY
72: EZE, Azunna, SADIKU, Emmanuel, JAMIRU, Tamba, DUROWOJU, Mondiu, KUPOLATI, Williams
33: ZA 31: 2016/05256 32: 2016-07-29
54: ALLOYS
00: -
The invention provides a method which includes alloying a mixture of niobium (Nb), titanium (Ti) and Copper (Cu), thereby to produce an alloy of the Nb, Ti and Cu.

21: 2017/05116. 22: 2017/07/27. 43: 2019/05/09
51: H04B
71: NOKIA SOLUTIONS AND NETWORKS OY
72: GORMLEY, Eamonn, GHAZI-MOGHADAM, Vafa
33: US 31: 62/108,482 32: 2015-01-27
33: US 31: PCT/US2015/052482 32: 2015-09-25
54: METHOD AND SYSTEM FOR NEIGHBOR TIER DETERMINATION
00: -
A process for determining neighbor tier relationships between cells in a wireless telecommunications network includes establishing a plurality of cell points, each cell point representing a cell of a plurality of cells in the wireless telecommunications network, forming a plurality of triangles, the vertices of each triangle of the plurality of triangles corresponding to respective cell points of the plurality of cell points, removing edges from a portion of the plurality of triangles, determining neighbor tier relationships between the plurality of cells using remaining triangle edges between the plurality of cell points, storing the neighbor tier relationships in a first memory, and using the neighbor tier relationships for handovers between the plurality of cells.

FIG 23



21: 2017/05143. 22: 2017/07/28. 43: 2019/05/07
51: C21D; G21D
71: Joint Stock Company "AKME-Engineering"
72: TOSHINSKY, Georgiy Il'ich

33: RU 31: 2014153831 32: 2014-12-30
54: METHOD FOR ANNEALING A NUCLEAR REACTOR CORE, AND A NUCLEAR REACTOR
00: -
The invention relates to nuclear power, and the implementation of the invention increases the safety of the operation of nuclear reactors (NR). The invention can be successfully used in NR with a liquid-metal coolant (LMC), particularly in fast neutron reactors with heavy liquid-metal coolants (HLMC), for example, a eutectic alloy of lead-bismuth or lead. The method is characterised in that the value of the damaging dose of fast neutrons (dpa number) that causes an unacceptable reduction in the plastic properties of steel is determined. Then, when a corresponding value of the reactor energy yield is reached, the direction of the motion of the coolant is changed from the operating direction to the opposite direction. Next, the time period in which the annealing of the core elements is to be carried out is selected, whereupon a temperature, which is no lower than the temperature which provides for the recovery of the plastic properties of the steel in the lower portion of the core over the selected time period, is selected and provided in an annealing mode by means of regulation of the power level. After the selected time period has elapsed, the annealing mode is ended and the direction of the motion of the coolant is changed from the opposite direction back to the operating direction. A nuclear reactor enabling the implementation of the proposed method is also claimed.

21: 2017/05161. 22: 2017/07/31. 43: 2019/05/07
51: C10G
71: CIRIS ENERGY, INC.
72: BARTEK, Robert, REJAI, Bahman
33: US 31: 62/114,299 32: 2015-02-10
54: DEPOLYMERIZATION PROCESS
00: -
A method for solubilizing a carbonaceous feedstock. The method includes steps of reacting a mixture of the carbonaceous feedstock with a metal oxide including a metal at a first, higher oxidation state to reduce the metal of the metal oxide to a second, lower oxidation state by releasing at least one oxygen atom from the metal oxide. The released oxygen from the metal oxide is used to oxidize the carbonaceous feedstock. At least a portion of the metal or metal oxide containing the metal at the second, lower oxidation state is then oxidized to the metal oxide containing the metal at the first, higher oxidation state for reuse in the reaction step.

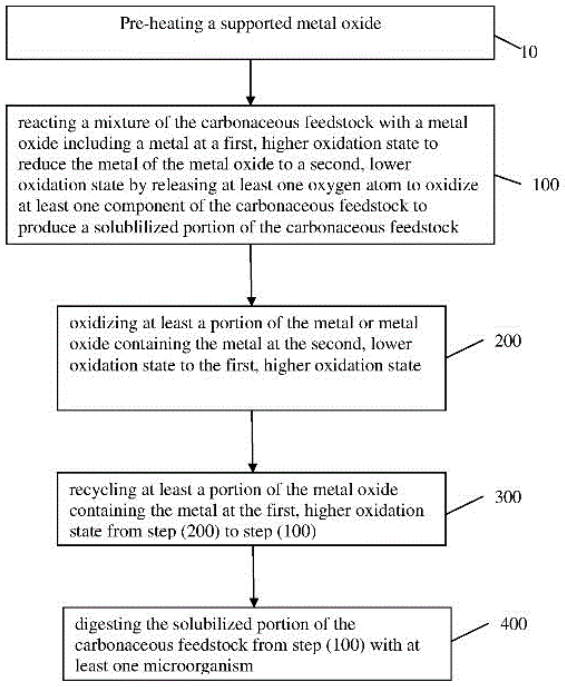


Figure 1

21: 2017/05163. 22: 2017/07/31. 43: 2019/05/07
51: B05D
71: Akzo Nobel Coatings International B.V.
72: BAUTISTA MESTER, Rafael, DAVIES, Paul, CORKISH, Stephen, BIRCH, Stephen
33: EP(NL) 31: 15154190.1 32: 2015-02-06
54: METHOD FOR PRODUCING A MULTILAYER COATING ON A METALLIC SUBSTRATE
00: -
The present invention relates to a method for producing a multilayer coating on a metallic substrate, comprising, in the given order, (1) producing a polyvinyl chloride plastisol layer on the metallic substrate, comprising the application of a polyvinyl chloride plastisol material to the metallic substrate, (2) producing a thermosetting and/or thermoplastic topcoat layer directly on the polyvinyl chloride plastisol layer, comprising the application of a thermosetting and/or thermoplastic coating material directly to the polyvinyl chloride plastisol

layer, wherein both the polyvinyl chloride plastisol material and the thermosetting and/or thermoplastic coating material comprise a layered double hydroxide.

21: 2017/05185. 22: 2017/08/01. 43: 2019/04/30
51: G06K; G09F
71: SCHOLZEN, Werner
72: SCHOLZEN, Werner
33: DE 31: 102016115837.2 32: 2016-08-25
54: METHOD FOR EVALUATING THE AUTHENTICITY OF A PAINTING AS WELL AS A CORRESPONDING USE
00: -
The invention describes a method for evaluating the authenticity of a painting, comprising the steps:a) Providing (10) a collection of a plurality of original paintings by a certain artist and creating (20) at least one digital image of each original painting from the collection of plurality of original paintings;b) Detecting (30) classification data for each one of the digital images of each original painting of the collection using the WND-CHARM method, wherein the classification data a reference data record of classification data for original paintings by the artist;c) Providing (40) an additional painting and creating (50) at least one digital image of the additional painting;d) Detecting (60) additional classification data for the digital image of the additional painting using the WND-CHARM method and e) Comparing (70) the additional classification data with the reference data record of classification data for original paintings, wherein on reaching or exceeding a minimum correspondence between the additional classification data and the reference data record, it is concluded that the painting is an original painting by the artist and otherwise it is a counterfeit.

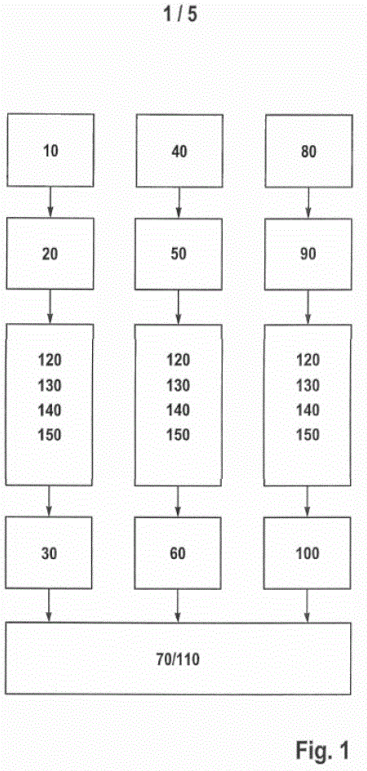


Fig. 1

21: 2017/05195. 22: 2017/08/01. 43: 2019/05/09
51: G01B; G07D
71: GRG Banking Equipment Co., Ltd.
72: LIANG, Tiancai, FANG, Minjie, ZHANG, Chengye, ZHAO, Fei
33: CN 31: 201510062226.9 32: 2015-02-05
54: THICKNESS DETECTION DEVICE FOR SHEET MEDIUM
00: -
A thickness measurement device for a sheet type medium, particularly, a detection device for detecting the thickness of a sheet type valuable document in financial self-service equipment, comprises a fixing frame (101), a reference shaft (104), and a detection component shaft (105). A reference roller (1041) is fixedly sleeved on the reference shaft (104). The distance from the detection component shaft (105) to the reference shaft (104) is relatively fixed. A detection roller (116) is arranged on the detection component shaft (105), and the detection roller (116) is sleeved on the detection component shaft (105) through a bracket (107). An oblong hole (1071) for sleeving the detection component shaft (105) is provided in the bracket (107). An elastic element (109) is arranged between one end of the oblong hole (1071) and the detection component shaft

(105). The elastic element (109) elastically maintains a particular distance between the detection component shaft (105) and the end part of the oblong hole (1071). The elastic element (109) exerts an acting force to the bracket (107) towards the direction of the reference shaft (104) so that the detection roller (116) can elastically contact with the reference roller (1041). One side, back to the reference roller (1041), of the detection roller (116) is provided with a distance detector, and the distance detector is fixedly arranged on the fixing frame (101) and directly faces to the detection roller (116).

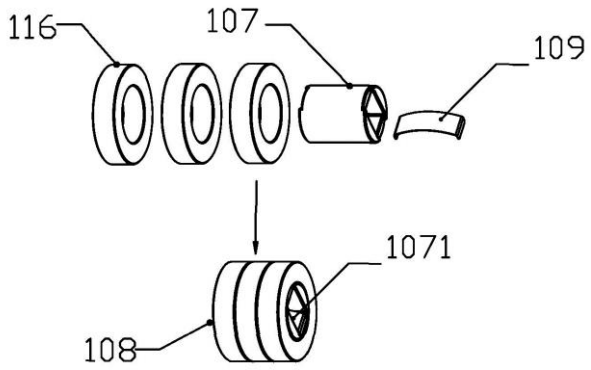


图 6

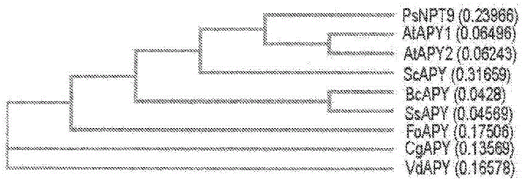
21: 2017/05222. 22: 2017/08/02. 43: 2019/05/06
51: C08F; C10L
71: Total Marketing Services
72: PREVOST, Julie, HEROGUEZ, Valérie, COLLETTE, Floraine
33: EP(FR) 31: 15305206.3 32: 2015-02-11
54: BLOCK COPOLYMERS AND THE USE THEREOF FOR IMPROVING THE COLD PROPERTIES OF FUELS OR COMBUSTIBLES
00: -

The invention relates to a block copolymer and the use thereof as a cold resistance additive of a fuel or combustible. The block copolymer comprises: (i) a block A consisting of a chain of structural motifs derived from at least one α,β-unsaturated alkyl methacrylate or acrylate monomer; and (ii) a block B consisting of a chain of structural motifs derived from at least one α,β-unsaturated monomer selected from styrene derivatives, the aromatic ring of which is substituted by at least one group R selected from the groups: C_1 to C_{24} alkyl esters, and preferably acyclic linear or branched C_1 to C_{12} hydrocarbonated chains, said chain being substituted by at least one group containing a quaternary ammonium salt. The invention also relates to an additive concentrate containing such a copolymer and to the use thereof as an anti-sedimentation additive, and advantageously, as a TLF booster additive.

21: 2017/05225. 22: 2017/08/02. 43: 2019/05/07
51: A01N
71: BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM, COTTONGEN, LLC
72: ROUX, Stanley, J., CLARK, Gregory, B., HIEBERT, Simon, L.
33: US 31: 62/108,114 32: 2015-01-27
54: FUNGICIDE ENHANCERS EFFECTIVE FOR TREATING PLANTS INFECTED WITH FUNGAL PATHOGENS
00: -

The present invention includes compositions and methods of for treating plants infected with fungal pathogens by contacting an infected plant or plant at risk of infection with a fungicidal composition comprising an fungicide selected from copper compound such as copper octanoate or copper hydroxide, or a triazole fungicide such as myclobutanil, propiconazole, tebuconazole or epoxiconazole, an enhancer selected from apyrase inhibitors, e.g., N-(m-tolyl)-[l, l'-biphenyl]-4-sulfonamide, S-heptyl 2-oxo-2H-chromene-3-carbothioate, 3-(N-(4-bromophenyl) sulfamoyl)-N-(3-nitrophenyl) benzamide, or (E)-3-methyl-N'-(l-(naphthalen-2-yl) ethylidene) benzohydrazide and, optionally, a phytologically-acceptable inert carrier.

Figure 1

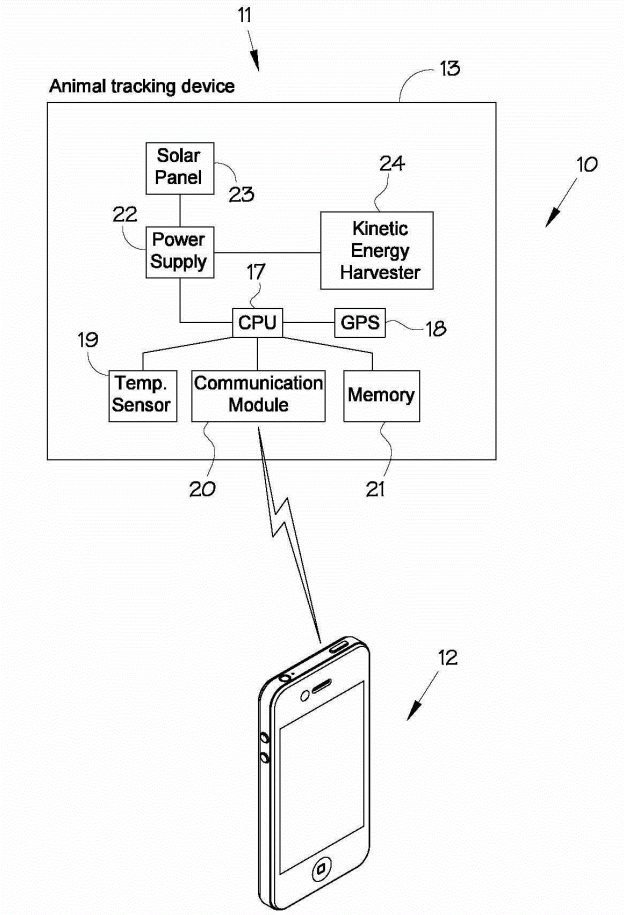


21: 2017/05248. 22: 2017/08/03. 43: 2019/05/07
51: A01K
71: PUTTER, Riaan Hendrik
72: PUTTER, Riaan Hendrik
33: ZA 31: 2016/02959 32: 2016-05-04

54: AN ELECTRONIC ANIMAL TRACKING DEVICE

00: -

The invention relates to an animal tracking device 11 and system 10 which is configured to monitor and track movement of an animal, for e.g. livestock or game, to which the device has been fitted. In this case the device is in the form of an animal ear tag 11 which has a self-sustaining solar and/or kinetic energy harvesting power supply 22 which supplies power to an electronic circuit of the device 11. The device 11 is configured to forward GPS positional information and animal body temperature measurements to a smartphone 12 of a user via a mobile communication network. The user can therefore remotely monitor the animal's condition and location using their smartphone. Furthermore, in the event that the animal moves outside of a permitted geo-fenced roaming area, the user will receive a notification on their smartphone.



21: 2017/05249. 22: 2017/08/03. 43: 2019/05/03
51: B65G; E03B; E99Z
71: WATERTAINER SA (PTY) LTD
72: BRAY, David Alan
33: ZA 31: 2016/07122 32: 2016-10-16

54: A MODULAR BULK STORAGE CONTAINER

00: -

A modular bulk storage container comprising a first end section, a second end section, and a mid-section configured to be securable to each other to form a seal-tight container when in an assembled condition. The sections being shaped and dimensioned to nest within each other when the container is in a disassembled condition. The second end section having internal dimensions greater than the external dimensions of the first end section, the second end section further having external dimensions smaller than the internal dimensions of the mid-section. The container having an external height of x in an disassembled condition, and an external height of y in the assembled condition. The container is configured such that the

external height x of the container in the disassembled condition is less than or equal to 0.5y.

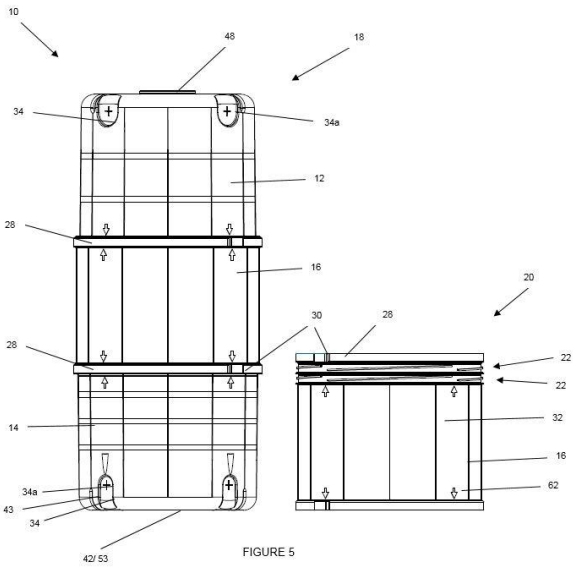


FIGURE 5

21: 2017/05254. 22: 2017/08/03. 43: 2019/05/09
51: C08F; C10L
71: Total Marketing Services
72: PREVOST, Julie, HEROGUEZ, Valérie, COLLETTE, Floraine
33: EP(FR) 31: 15305205.5 32: 2015-02-11
54: BLOCK COPOLYMERS AND THE USE THEREOF FOR IMPROVING THE COLD PROPERTIES OF FUELS OR COMBUSTIBLES
00: -

The invention relates to a block copolymer and the use thereof as a cold resistance additive of a fuel or combustible. The block copolymer comprises: (i) a block A consisting of a chain of structural motifs derived from at least one α,β-unsaturated alkyl methacrylate or acrylate monomer; and (ii) a block B consisting of a chain of structural motifs derived from at least one α,β-unsaturated monomer containing at least one aromatic ring. The invention also relates to an additive concentrate containing such a copolymer and to the use thereof as a TLF booster and, advantageously, as an anti-sedimentation additive.

21: 2017/05302. 22: 2017/08/04. 43: 2019/05/06
51: G01K; G01N
71: Saint-Gobain Isover
72: ALZETTO, Florent, MEULEMANS, Johann, PANDRAUD, Guillaume
33: FR 31: 1550970 32: 2015-02-06
54: DETERMINATION OF THE THERMAL RESISTANCE OF A WALL
00: -

Said method, which aims to determine a quantity representative of the thermal resistance of a separation wall between a first medium and a second medium, comprises the following steps: -over at least two successive time periods D_k corresponding to different heating powers Pk for heating the first medium, carrying out a measurement campaign measuring the heat flow through the wall q_k and the temperature in the first medium T_{1k} at short time intervals, in addition to the determination of the temperature in the second medium T_{2k} at short time intervals; -determining the value of the quantity representative of the thermal resistance of the wall, by converging: a thermal model expressing the time variation of the temperature in one medium separated from another medium by a wall, depending on the heat flow through the wall, the temperature in the other medium and physical parameters of the wall from which the quantity representative of the thermal resistance of the wall can be calculated; and the measured change T_{1k} in temperature in the first medium as a function of time.

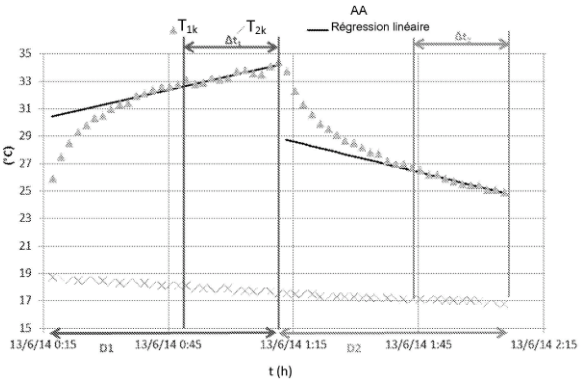
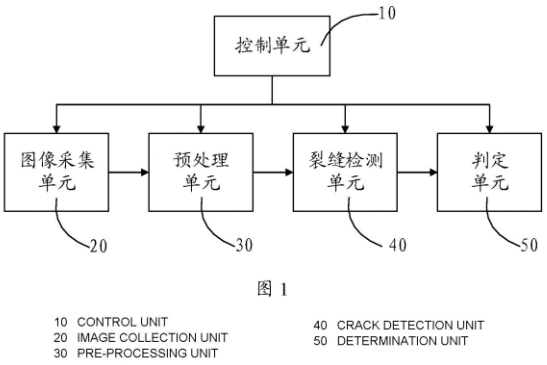


Fig. 2

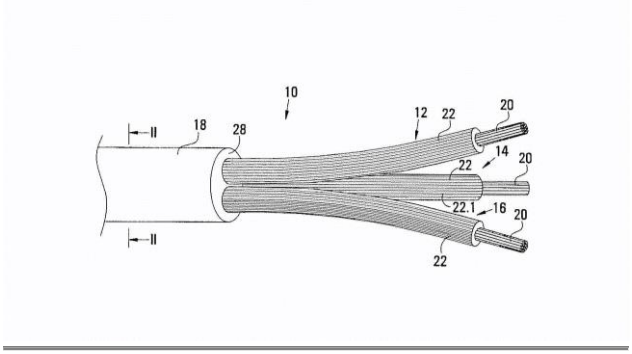
21: 2017/05304. 22: 2017/08/04. 43: 2019/05/06
51: G06T
71: GRG Banking Equipment Co., Ltd.
72: YU, Yuanchao, WANG, Rongqiu, HUANG, Zhanfeng
33: CN 31: 201510038608.8 32: 2015-01-26
54: BANKNOTE CRACK DETECTION METHOD AND APPARATUS
00: -

A banknote crack detection method and apparatus, comprising: an image collection unit (20), for collecting an optical transmission image projected onto the banknote; a pre-processing unit (30), for

receiving a banknote image signal collected by the image collection unit; a crack detection unit (40), for detecting whether a crack exists; a determination unit (50), for determining whether the banknote is qualified; and a control unit (10), for controlling operation of the above units. The present invention precisely detects whether the banknote has a crack.

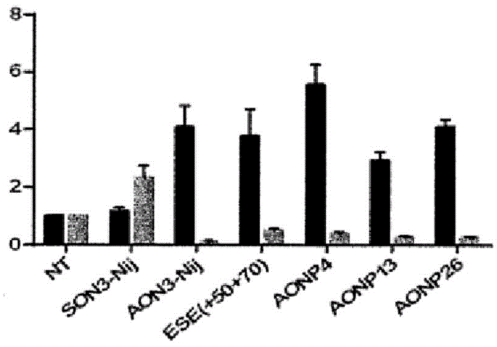


21: 2017/05321. 22: 2017/08/07. 43: 2019/05/09
51: H01B
71: ABERDARE CABLES (PTY) LTD
72: SCHOLTZ, Hendrik Paul
33: ZA 31: 2016/07647 32: 2016-11-07
54: ELECTRICAL CABLES
00: -
A sheathed electrical cable (10) includes at least one insulated core (12, 14, 16) that includes an electrical conductor (20) within a conductor insulating sleeve (22). A radially outer surface of the conductor insulating sleeve (22) is fluted. A sheath 18 is provided within which the at least one insulated core (12, 14, 16) is carried.



21: 2017/05331. 22: 2017/08/07. 43: 2019/04/30
51: A61K; C12N
71: PROQR THERAPEUTICS II B.V.
72: BIASUTTO, Patricia, Coromoto, CHAN, Hee, Lam
33: GB 31: 1503408.5 32: 2015-02-27
54: OLIGONUCLEOTIDE THERAPY FOR LEBER CONGENITAL AMAUROSIS
00: -
Antisense oligonucleotides target the mutation in intron 26 of the CEP290 gene and reduce inclusion of the aberrant exon into the CEP290 mRNA. The oligonucleotides include no more than 3 consecutive guanosines, have no more than 60% guanosine nucleobases, include at most one CpG sequence, and/or do not have the potential to form a hairpin comprising 3 or more consecutive complementary base pairs.

FIGURE 3



21: 2017/05333. 22: 2017/08/07. 43: 2019/05/06
51: A61K; C07D
71: SK BIOPHARMACEUTICALS CO., LTD.
72: PARK, Chun Eung, JANG, Young Koo, SHIN, Yong Je, KIM, Ji Yeon, MIN, Hye Kyung, CHA, Soo Bong, JUNG, Hyo Jun, LEE, Ju Young, HAN, Seung Nam, CHOI, Eun Ju, JOUNG, Chan Mi, PARK, Jong Sil, LEE, Ji Won, CHO, Nahm Ryune, RYU, Eun Ju, MAENG, Cheol Young, HAM, Seung Mo, KIM, Yong Gil, CHUNG, Jin Yong
33: KR 31: 10-2015-0027395 32: 2015-02-26
54: IMIDAZOPYRIMIDINE AND IMIDAZOTRIAZINE DERIVATIVE, AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME
00: -
The present disclosure provides a compound of Chemical Formula (1) or a pharmaceutically acceptable salt thereof, and a pharmaceutical composition comprising the same. The compound of Chemical Formula (1) or pharmaceutically acceptable salt thereof acts as a positive allosteric modulator of metabotropic glutamate receptor subtype 5 (mGluR5), thereby being useful in the prevention or treatment of disorder mediated by

glutamate dysfunction and mGluR5.(FR)L'invention concerne un composé de formule chimique (1), ou un sel pharmaceutiquement acceptable de celui-ci, et une composition pharmaceutique contenant ledit composé. Le composé de Formule Chimique (1) ou le sel pharmaceutiquement acceptable de celui-ci agit comme un modulateur allostérique positif du sous-type 5 des récepteurs métabotropiques du glutamate (mGluR5), et est ainsi utile dans la prévention ou le traitement d'un trouble médié par un dysfonctionnement du glutamate et de mGluR5.

21: 2017/05334. 22: 2017/08/07. 43: 2019/05/03
51: B29C; B33Y
71: Daher Aerospace
72: PORTET, Stéphanie, VAUDOUR, Julie
33: FR 31: 1550167 32: 2015-01-09
54: METHOD FOR PRODUCING A COMPLEX COMPOSITE PART, IN PARTICULAR HAVING A THERMOPLASTIC MATRIX, AND PART OBTAINED BY SUCH A METHOD
00: -
The invention concerns a method for producing a composite part having a continuous fibrous reinforcement and a polymer matrix from a composite preform, characterised in that it comprises a step consisting of: i. depositing a defined layer (110, 120) of a thermoplastic polymer on one of the faces of the preform (100), by an additive production method.

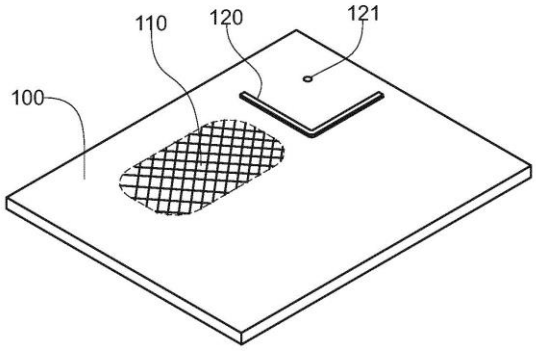


Fig. 1

21: 2017/05352. 22: 2017/08/07. 43: 2019/05/23
51: G06Q; G06F; H04L
71: IDECO BIOMETRIC SECURITY SOLUTIONS (PROPRIETARY) LIMITED
72: COETZEE, MARIUS
33: ZA 31: 2016/03525 32: 2016-05-23
54: VERIFICATION/AUTHENTICATION SYSTEM AND METHOD
00: -
The invention relates to a verification/authentication system and mobile application. The system includes a communication module which is configured to receive an authentication/verification request to authenticate/validate a particular electronic document of a specific/particular person/entity from a requesting party. The request includes an identifier for identifying the particular person/entity. The system also includes a retrieval module which is configured to retrieve/obtain information, which is associated with the particular electronic document, of the person/entity by utilising the identifier, and generate a unique identification/transaction reference code/key which is associated with the particular request. The communication module is further configured to send the unique code/key to the particular person/entity, send the unique code/key to a computing device/terminal which is associated with the requesting party, and send the retrieved/obtained information which is associated with the particular electronic document to the particular person/entity.

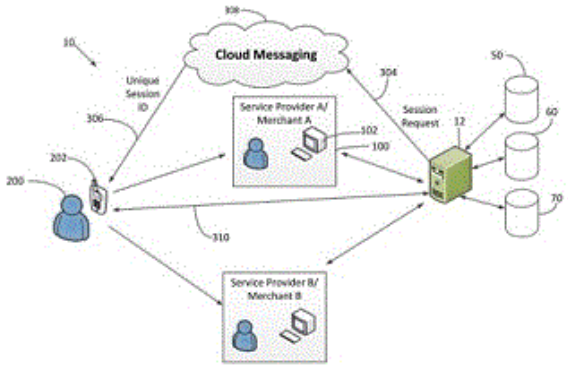


FIG. 2

21: 2017/05363. 22: 2017/08/08. 43: 2019/04/30
51: A61K; A61P
71: NOVARTIS AG
72: LIN, Rong, MU, Song, PAUL, Sofia, GRAZIOLI, Laura, CAPDEVILLE, Renaud, BINLICH, Florence
33: US 31: 62/118,254 32: 2015-02-19
33: US 31: 62/119,571 32: 2015-02-23

54: PANOBINOSTAT DOSAGES FOR MULTIPLE MYELOMA

00: -

Treatment of multiple myeloma with a combination of panobinostat and bortezomib at specified doses adjusted for safety.

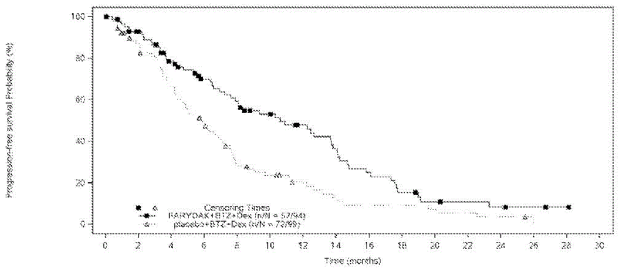


Figure 1

21: 2017/05425. 22: 2017/08/10. 43: 2019/05/06

51: H04R

71: YUTOU TECHNOLOGY (HANGZHOU) CO., LTD.

72: LIU, Xin, CHEN, Yujin, ZHOU, Yongjun

33: CN 31: 201510014266.6 32: 2015-01-12

54: MULTI-CHANNEL DIGITAL MICROPHONE

00: -

Disclosed is a multi-channel digital microphone, comprising an array pickup unit and a processing unit; the array pickup unit comprises a plurality of sound pickup modules, the plurality of sound pickup modules being arranged in the form of an array, each of the sound pickup modules being configured to pick up an audio signal of a space domain component, the array pickup unit being configured to convert audio signals of a plurality of space domain components into a plurality of digital signals for output; the processing unit is connected to the array pickup unit, and configured to extract the plurality of digital signals and perform a noise reduction process. The present invention adds a space domain in addition to a time domain and a frequency domain to perform a sound pickup and a noise reduction process on signals received from different directions in a space. A plurality of sound pickup modules can be adopted to compose an array in the space domain, and the array pickup unit can pick up audio signals from different directions in the space domain; the processing unit can be adopted to perform a noise reduction process on the audio signals to improve audio quality.

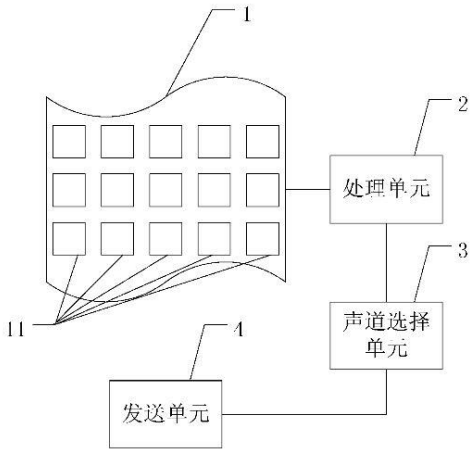


图 1

2 PROCESSING UNIT
3 CHANNEL SELECTING UNIT
4 TRANSMITTING UNIT

21: 2017/05450. 22: 2017/08/11. 43: 2019/05/06

51: A47G

71: LAURAIN, Lindsey

72: LAURAIN, Lindsey

33: US 31: 14/333,682 32: 2014-07-17

54: SURFACE CONTACT SELF-SEALING INTEGRATED TABLEWEAR AND DINING MAT

00: -

A self-sealing integrated tablewear and dining mat including a rubberlike planar portion having a raised perimeter delimiting at least one concavity above an upper surface and a suffuse undersurface disposed for sealable contact with an underlying surface upon which said mat is disposed, said sealable contact preventative of lateral displacement of the planar portion across the underlying surface, wherein said sealable contact creates a partial vacuum when attempts to separate the undersurface from the underlying surface are made except at an outer edge of the planar portion, whereby removal of the planar portion from the underlying surface is effective only by peeling the undersurface from the underlying surface starting first at the outer edge.

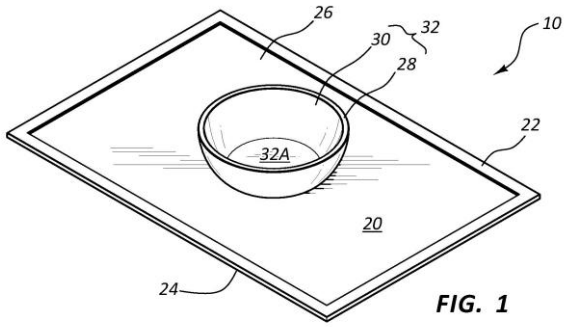


FIG. 1

21: 2017/05551. 22: 2017/08/16. 43: 2019/05/03
51: G06F; G06Q; H04W
71: ZUNGU, Thamsanqa Mondli
72: ZUNGU, Thamsanqa Mondli
33: ZA 31: 2016/05685 32: 2016-08-17

54: IDENTIFICATION SYSTEM AND METHOD OF OPERATING SAME

00: -

This invention relates to method and system for identifying a Network Operator (NO), particularly a mobile network operator, which a particular target phone number is subscribed to so as to determine if network to network discounts are available. Accordingly, the system comprises a database and at least one processor. The processor typically comprises a request receiver module configured to receive a request message from a requestor mobile communication device to identify a NO associated with the target phone number, wherein the request receiver module is configured to communicate with the requestor mobile communication device during a communication session initiated by the requestor mobile communication device. the processor also comprises a network retrieval module configured to retrieve NO identification information regarding the NO to which the target phone number is subscribed; and a transmission module operable to transmit the retrieved NO identification information to the requestor mobile communication device.

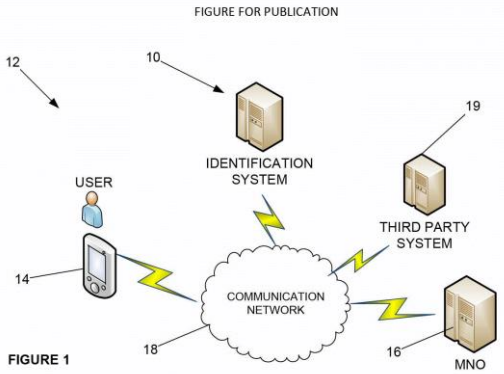


FIGURE 1

21: 2017/05563. 22: 2017/08/16. 43: 2019/05/03
51: B32B; C09D; C09J; F16L
71: J. van Beugen Beheer B.V., Borealis AG
72: WELLES, Edwin, VAN BEUGEN, Leonard, JANSEN, Norbert
33: EP(NL) 31: 15155467.2 32: 2015-02-17

54: METAL PIPES WITH ANTICORROSIVE POLYOLEFIN COVERING LAYER

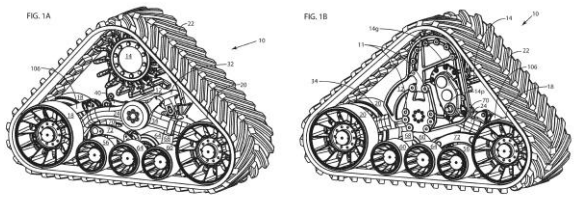
00: -

The present invention provides a metal pipe coated on at least a section of the metal pipe with a polyolefin coating system, wherein the system consists of the following layers: (a) optionally, a corrosion protective layer of a chromate, phosphate or other salt; (b) a polyolefin based adhesive, preferably in a thickness of 0.3 - 5 mm; (c) a PE or PP coating layer, preferably in a thickness of 1 - 10 mm; (d) optionally, an adhesion promoting layer between the polyolefin based adhesive and a PE or PP layer; wherein the polyolefin based adhesive contains an organic phase consisting of substantially saturated hydrocarbons, and wherein the adhesive contains amorphous polypropylene, ethylene-propylene copolymers or poly(iso)butylene (co)polymers, said adhesive being flowable when a pressure of 10 kgf/cm^2 is applied, wherein the PE or PP coating is a continuous layer over the coated section, and wherein said polyolefin based adhesive adheres to both the metal pipe and to said PE or PP coating.

21: 2017/05579. 22: 2017/08/17. 43: 2019/05/06
51: A61H
71: KIRKWOOD, Judy Margaret
72: KIRKWOOD, Judy Margaret

54: BREASTFEEDING METH0D
00: -
A breastfeeding method to ensure latching of a newborn baby onto a mother's breast is provided. The method comprises holding the mother's posture and arm in the penguin posture position and flipper hold; supporting the baby with the opposite arm to the feeding breast, with the arm holding the baby in a cross cradle position to allow the baby to be in a tummy to mummy position; positioning the baby nose to nipple; rubbing the baby's nose against the nipple thereby stimulating the baby's rooting reflex to cause the baby to open his/her mouth wide and thus encourage a deep latch. The baby is then moved away from the breast approximately 4 cm down. The method concludes by lifting the baby up quickly and assertively towards the areola and nipple ensuring the baby's lower lip touches the lower border of the areola; and pressing the baby deep onto and into the breast.

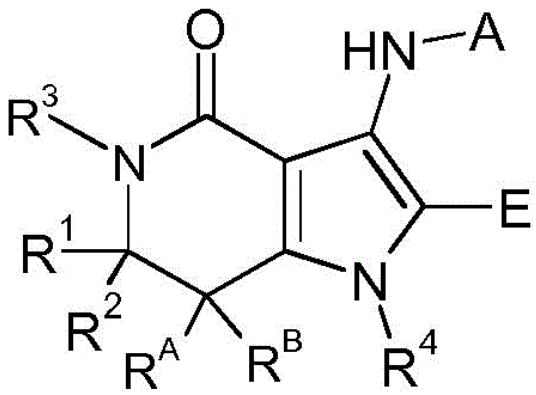
21: 2017/05601. 22: 2017/08/17. 43: 2019/05/06
51: B62D
71: ATI, Inc.
72: TIEDE, Duane, RESHAD, Jamsheed, STACY, Timothy D., JUNCKER, Kenneth J.
33: US 31: 14/625,229 32: 2015-02-18
54: TRACK-MODULE APPARATUS WITH LOAD-INDEPENDENT LOAD DISTRIBUTION
00: -
In vehicle track-module apparatus including a module frame, a drive wheel rotatable with respect to the frame, ground-engaging leading and trailing wheels, at least one ground-engaging bogie wheel, and an endless track extending around the wheels and driven by its engagement with the drive wheel, the improvement comprising: (a) a leading suspension arm rotatable with respect to the frame and extending forwardly to a distal end at which a leading-wheel assembly is rotatably attached and rearwardly to a rearward suspension end; (b) a trailing suspension arm rotatable with respect to the frame and extending rearwardly to a distal end at which a trailing-wheel assembly is rotatably attached and forwardly to a forward suspension end; (c) a bogie assembly having a bogie mount and the at least one bogie wheel rotatable with respect thereto; and (d) leading and trailing suspension elements rotatably attached to and extending from the rearward and forward suspension ends, respectively, to rearward and forward rotatable bogie-mount connections, respectively.



21: 2017/05675. 22: 2017/08/21. 43: 2019/05/06
51: A61K; A61P; C07D
71: Eli Lilly and Company
72: GALKA, Christopher Stanley, HEMBRE, Erik James, HONIGSCHMIDT, Nicholas Allan, MARTINEZ-GRAU, Maria Angeles, PLAZA, Gema Ruano, RUBIO, Almudena
33: EP(ES) 31: 15382180.6 32: 2015-04-15
54: GHRELIN O-ACYL TRANSFERASE INHIBITORS
00: -
The present invention provides novel GOAT inhibitors and their salts and pharmaceutical compositions thereof.

21: 2017/05678. 22: 2017/08/21. 43: 2019/05/06
51: A61K; A61P; C07D
71: Eli Lilly and Company
72: GALKA, Christopher Stanley, HEMBRE, Erik James, HONIGSCHMIDT, Nicholas Allan, KEDING, Stacy Jo, MARTINEZ-GRAU, Maria Angeles, PLAZA, Gema Ruano, RUBIO, Almudena, SMITH, Daryl Lynn
33: EP(ES) 31: 15382182.2 32: 2015-04-15
54: GHRELIN O-ACYL TRANSFERASE INHIBITORS
00: -
The present invention provides novel GOAT inhibitors and their salts and pharmaceutical compositions thereof.

21: 2017/05802. 22: 2017/08/25. 43: 2019/05/02
51: A61K; A61P; C07D
71: Bayer Pharma Aktiengesellschaft
72: GRAHAM, Keith, KLAR, Ulrich, BRIEM, Hans, SCHULZE, Volker, SIEMEISTER, Gerhard, LIENAU, Philip, TEMPEL, René, BÁLINT, Jozsef
33: EP(DE) 31: 15152944.3 32: 2015-01-28
54: 4H-PYRROLO[3,2-C]PYRIDIN-4-ONE DERIVATIVES
00: -
Compounds of formula (I), processes for their production and their use as pharmaceuticals.



(I)

21: 2017/05805. 22: 2017/08/25. 43: 2019/05/02
51: B26B
71: The Gillette Company LLC
72: WASHINGTON, Jack Anthony, JOLLEY, William Owen
33: EP(GB) 31: 15160876.7 32: 2015-03-25
54: SHAVING RAZOR CARTRIDGE
00: -
A shaving razor cartridge 10 with a housing 12 having a guard 14 and a cap 18. At least one blade 22 is mounted to the housing. The at least one blade has a cutting edge 32. At least one blade registration member 54, 56 is mounted to the housing. A blade retention member 42, 44 secures the at least one blade between the blade registration member and the blade retention member. The blade registration member has an unsupported region 76 having a span SI of 0.25mm to 5mm between a pair of supported regions 77, 79.

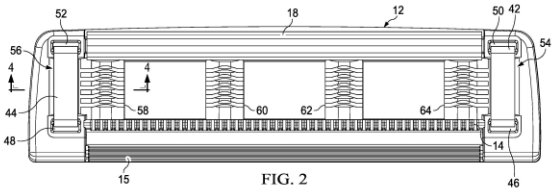


FIG. 2

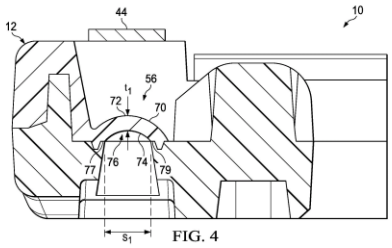


FIG. 4

21: 2017/05806. 22: 2017/08/25. 43: 2019/05/02
51: B26B
71: The Gillette Company LLC
72: BRUNO, Michael Hal, WASHINGTON, Jack Anthony
33: EP(GB) 31: 15160873.4 32: 2015-03-25
54: SHAVING RAZOR CARTRIDGE
00: -
A shaving razor cartridge 10 with a housing 12 having a guard 14 at a front portion 16 of the housing, a cap 18 at a rear portion 20 of the housing, a first blade support member 66 positioned between the guard and the cap. The first blade support member has a first blade retention member 154 spaced apart from a second blade retention member 156 to define a first blade slot 74. The first blade support defines at least one rinse opening 114 in communication with the first blade slot and extending completely through the housing.

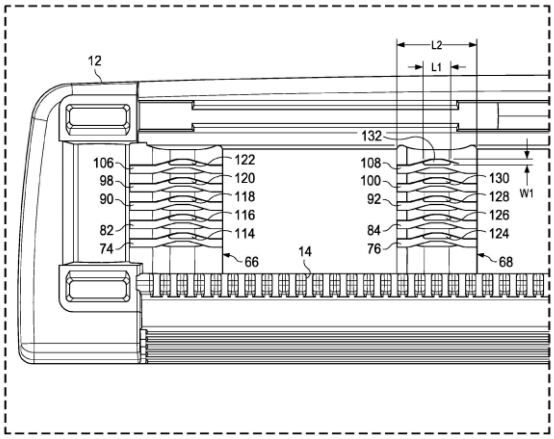


FIG. 4A

21: 2017/05843. 22: 2017/08/28. 43: 2019/05/02
51: B22F; B33Y; C22C
71: The NanoSteel Company, Inc.
72: TUFFILE, Charles D., LEMKE, Harald, MACK, Patrick E.
33: US 31: 62/111,395 32: 2015-02-03
54: INFILTRATED FERROUS MATERIALS
00: -
Metallic alloys and methods for the preparation of free-standing metallic materials in a layerwise manner. The resulting layerwise construction provides a metallic skeleton of selected porosity which may be infiltrated with a second metal to provide a free-standing material that has a volume loss of less than or equal to 130 mm3 as measured according to ASTM G65-04(2010).

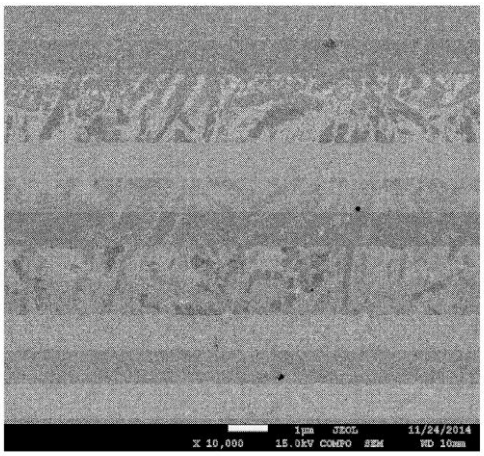


FIG. 1

21: 2017/05846. 22: 2017/08/28. 43: 2019/05/28
51: B26B
71: MACK-RAY, INC.
72: LIBERATORE, Raymond A.
33: US 31: 62/110,595 32: 2015-02-01
33: US 31: 62/249,578 32: 2015-11-02
54: DUAL SIZED RAZOR
00: -
One embodiment of a dual sided razor comprises a handle and a cartridge attached to the handle, the cartridge further comprising a first shaving side and a second shaving side, the cartridge being switchable relative to the handle between the first and second shaving sides.

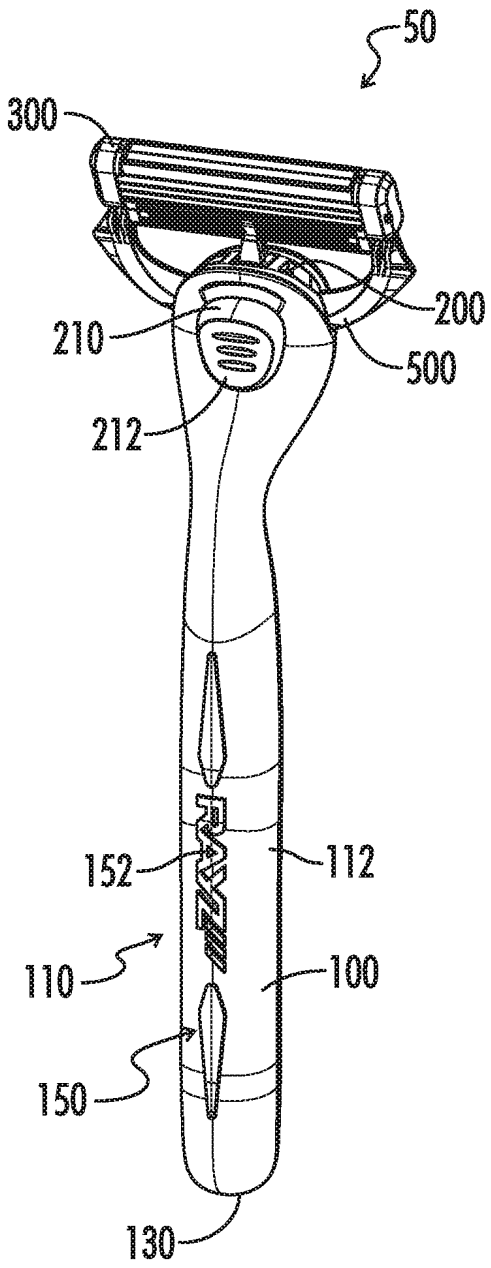
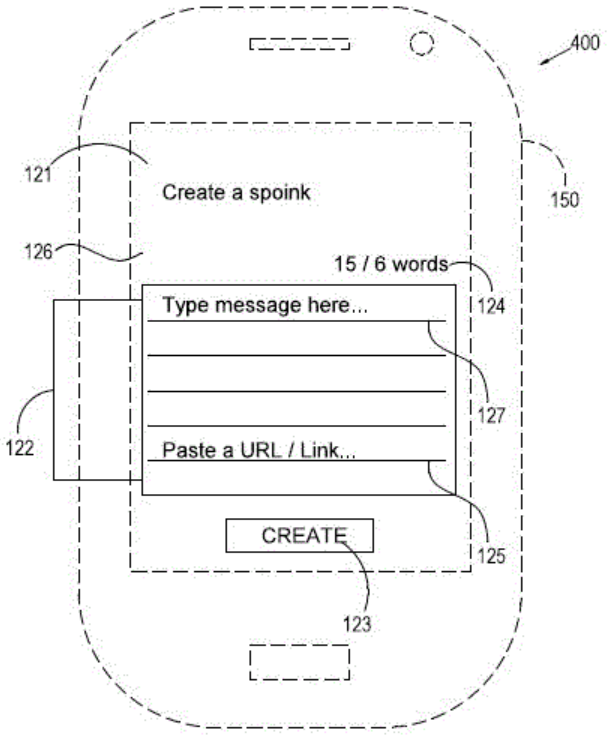


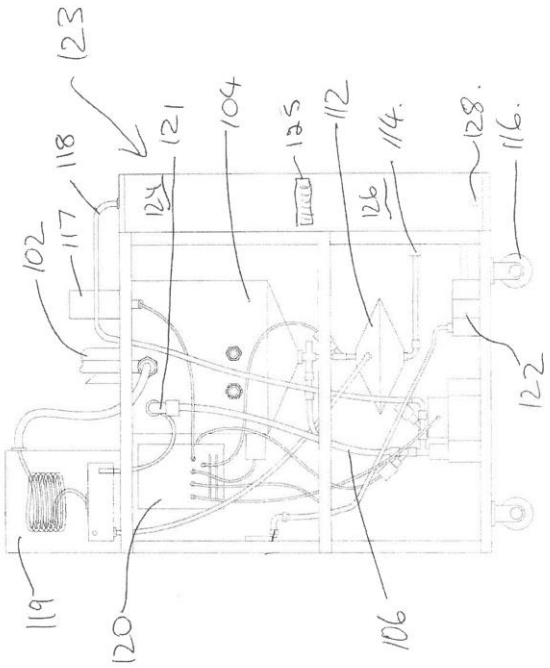
FIG. 1

This invention relates to a computer implemented method of creating a social media message in a social media platform for publication on the social media platform, the social media platform being arranged to be displayed on a display of a device associated with a user, the method comprising: displaying, by means of at least one processor, at least one first text field in which characters can be inserted; detecting, by means of the at least one processor, that the characters inserted in the displayed first text field exceeds the predefined amount of characters that can be inserted in the displayed first text field, so that if the characters inserted in the displayed first text field exceeds the allowable number of characters that can be inserted in the displayed first text field, then: counting, by means of the at least one processor, the number of at least one first text fields which have been used and those which can still be used for creating the social media message, and displaying, by means of the at least one processor, a subsequent first text field of the remaining first text fields which can still be used for the creation of the social media message for automatically receiving the characters which could not be received by the preceding first text field; and merging the preceding and subsequent text fields into a social media message/visual media for publication on the social media platform. The invention also relates to a system for creating the social media message.

21: 2017/05948. 22: 2017/09/01. 43: 2019/05/02
51: G06F
71: SPOINK MOBILE (PTY) LTD.
72: MALAKOANE, Nhlanhla
33: ZA 31: 2016/03719 32: 2016-06-01
54: METHOD OF CREATING A SOCIAL MEDIA MESSAGE AND SYSTEM THEREFOR
00: -

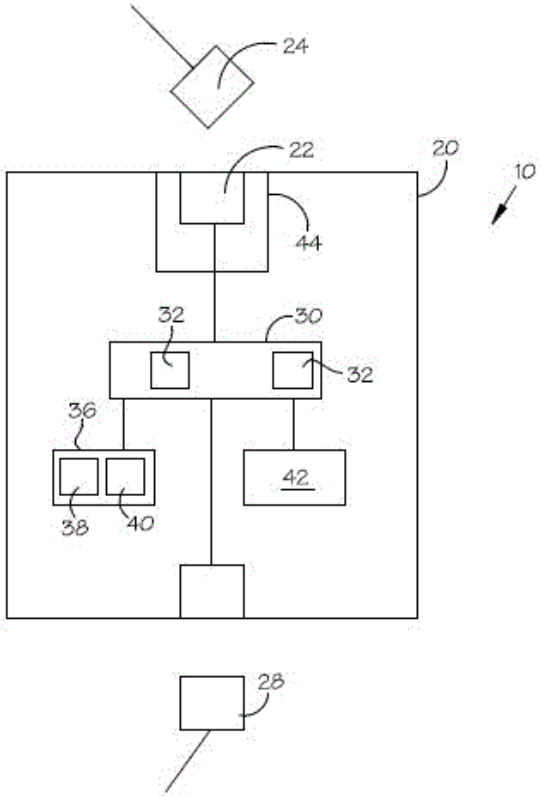


21: 2017/05990. 22: 2017/09/04. 43: 2019/05/06
51: B01J
71: BIO DYNAMIC FUEL (PTY) LIMITED
72: MAHER, Paul, Anthony
33: ZA 31: 2016/05912 32: 2016-08-25
54: SYSTEM FOR, AND METHOD OF MANUFACTURING BIODIESEL
00: -
The invention provides a system for producing biodiesel, said system comprising one or more of an inlet operable to receive bio material, a tank including one or more conduits connected to said tank, said tank being operable to facilitate a chemical reaction from one or more chemicals received therein, a glycerine tank optimally positioned so as to receive one or more products and byproducts of said chemical reaction, said glycerine tank being operable to facilitate a gravitational separation of the products received therein, a tank holding dry wash media which is used to remove byproducts from the crude biodiesel, a condenser which is used to remove methanol from the completed biodiesel, said condenser being in flow communication with the crude biodiesel, one or more outlet valves operable to dispense glycerine, as one byproduct of said chemical reaction, and a further one or more valves operable to dispense biodiesel as a product of said chemical reaction. The invention extends to a method of production of biodiesel and kit for the manufacture of biodiesel.



21: 2017/05991. 22: 2017/09/04. 43: 2019/05/03
51: H04L
71: TBWA HUNT LASCARIS (Johannesburg) (PTY) LTD.
72: SCHOEMAN, Daniel Matthew
33: ZA 31: 2015/08883 32: 2016-06-04
54: HARDWARE FILTER FOR MONITORING INTERNET BROWSING
00: -
A hardware filter for monitoring internet browsing is disclosed, comprising an enclosure having a WAN input port to accommodate a WAN input connector, and a single output Ethernet port to accommodate an output connector; and a processor. The processor is arranged to reroute all traffic from the WAN input port for filtering; filter the traffic by comparing the traffic to a comparison table; and allow the traffic to pass through the output Ethernet port if the comparison yields no violation, and, conversely, blocking the traffic if the comparison detects a violation. In an embodiment, the processor comprises a MCU (Micro Controller Unit) to manage control of the software and hardware,

and an Embedded Network Controller, to manage and relay the traffic through the hardware filter.



21: 2017/05997. 22: 2017/09/04. 43: 2019/05/02
51: A61K A61P
71: SUPPORT-VENTURE GMBH
72: BAUSCH, Alexander
33: EP 31: 15154764.3 32: 2015-02-11
54: METHOD OF PREVENTING OR TREATING HEARING LOSS
00: -
The present invention relates to methods of preventing or treating hearing loss and methods of preventing or inhibiting hair cell degeneration or hair cell death in a subject.

21: 2017/06004. 22: 2017/09/04. 43: 2019/05/03
51: G06Q
71: Stevanato Group S.p.A.
72: BUREAU, Christophe
33: US 31: 62/129,055 32: 2015-03-06
54: METHODS AND SYSTEMS FOR SELECTIVELY PROVIDING INFORMATION TO A TARGETED COMMUNITY OF PEOPLE
00: -
The method for selectively providing information to a targeted community of people, comprises the steps of: a.) choosing a community of people, said community of people comprising at least two persons; b.) identifying a product accessed by said community of people, said product comprising at least two product units; c.) providing at least one unique product identifier for each of said product units; d.) providing a database, said database comprising sets of information, said sets of information comprising at least two different units of information; e.) linking at least one of said sets of information to each of said unique product identifiers; f.) assigning each person in said community of people to at least one group to define at least two groups; g.) providing each person with a reader, said reader being able to read said unique product identifier and comprising a request system for accessing said sets of information stored in said database based on said unique product identifier; wherein each person is provided with a reader comprising a request system having a specific group identifier based on a membership to said at least one group and wherein at least one of said units of information is selectively provided to said person based on said unique product identifier and said specific group identifier.

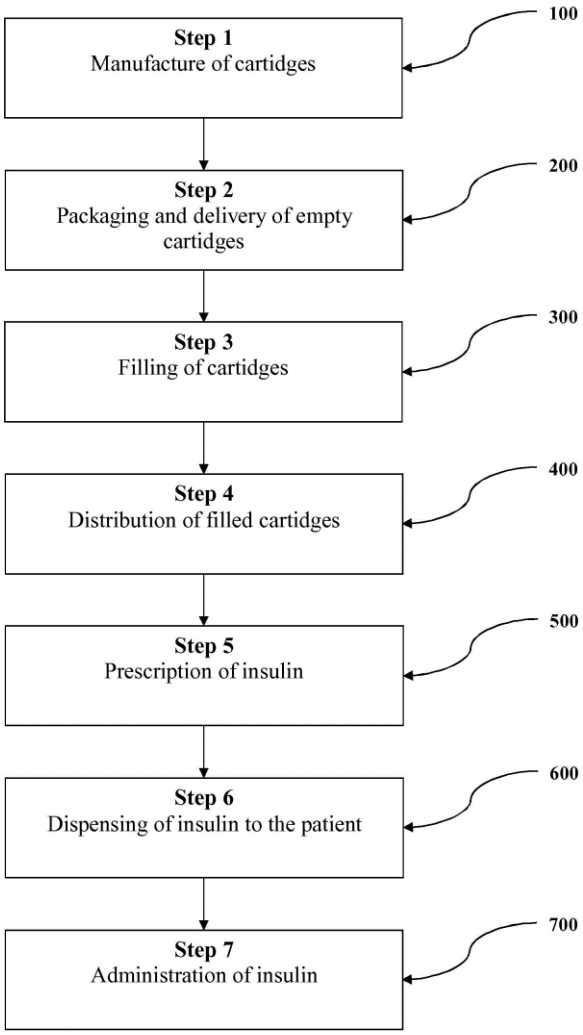


FIG. 1

21: 2017/06054. 22: 2017/09/06. 43: 2019/05/03
51: F24D; F24H
71: BIBO WATER (PTY) LTD
72: FINGER, Sholom Dov-Ber, CONG, Peng
33: ZA 31: 2016/03820 32: 2016-06-06
54: AN UNDER COUNTER WATER DISPENSER
00: -

An under counter water dispenser is disclosed, comprising a first tank to facilitate preheating and drain back, the first tank being arranged to receive water via an inlet pipe fitted with a first valve means to selectively allow and/or control the flow of water through the inlet pipe; and a second tank to receive water from the first tank via a connection pipe, the connection pipe being fitted with a pump to pump water out of the first tank and into the second tank. The second tank includes an electrical heating element to heat the water within the second tank to a predetermined temperature, the second tank being fitted with a water and steam outlet pipe to allow water and/or steam to exit the second tank. The water and steam outlet pipe includes a 3-way valve to separate the water and steam flowing through the outlet pipe.

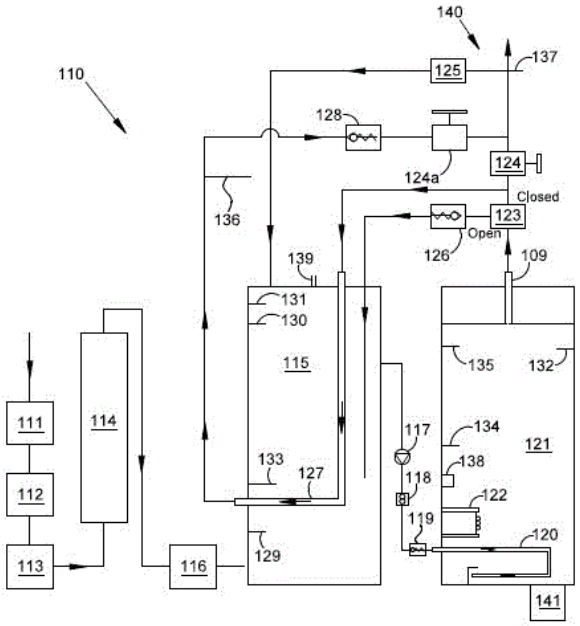


Fig. 9

21: 2017/06095. 22: 2017/09/07. 43: 2019/05/03
51: A61F A61B
71: ORTHOSPINE GLOBAL LLC
72: VERBEEK, Rudi, O'TOOLE, Brendan
33: US 31: 62/114,742 32: 2015-02-11
54: INTER-BODY SPACER
00: -

The invention provides an inter-body spacer in the form of a vertebral body replacement. The spacer comprises a connector having, axially aligned, a socket and threaded socket. A threaded screw is receivable in the threaded socket of the connector at one side of the screw and an endplate receiving head is provided on the other end of the screw for receiving an endplate perpendicular to the axis. The spacer further comprises a cylindrical extension with one end rotatably receivable in the socket of the connector and an endplate receiving head on the other end of the extension for receiving an endplate perpendicular to the axis. A locating formation is

provided on each endplate receiving head for locating the endplate at a specific angle about the axis. The spacer further comprises a selection of one or more end plates receivable on the endplate receiving head with the tissue engaging surface of the endplates being transverse to the axis of the spacer at differing angles. The invention also extends to a elongate thoracolumbar lateral plate.

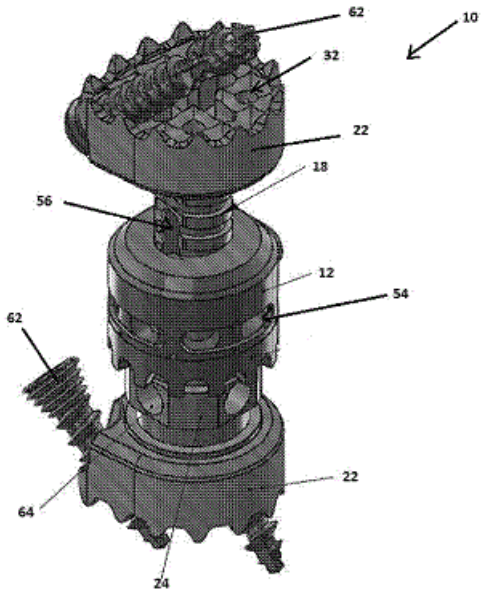


Figure 1

21: 2017/06455. 22: 2017/09/26. 43: 2019/05/02
51: C01B B01J C21B
71: HAZER GROUP LIMITED
72: CORNEJO, Andrew, CHUA, Hui, Tong
33: AU 31: 2015901175 32: 2015-03-31
54: A PROCESS FOR PRODUCING HYDROGEN AND GRAPHITIC CARBON FROM HYDROCARBONS
00: -
In accordance with the present invention, there is provided a process for producing hydrogen and graphitic carbon from a hydrocarbon gas comprising: contacting at a temperature between 600 °C and 1000 °C the catalyst with the hydrocarbon gas to catalytically convert at least a portion of the hydrocarbon gas to hydrogen and graphitic carbon, wherein the catalyst is a low grade iron oxide. Also provided is a method for the beneficiation of catalytic metal containing ore, the method comprising contacting at a temperature between 600 °C and 1000 °C the catalytic metal containing ore with a hydrocarbon gas to form a carbon-coated metal species.

21: 2017/06528. 22: 2017/09/28. 43: 2019/05/21
51: G06F
71: ZENSAR TECHNOLOGIES LIMITED
72: PUROHIT, Girish Kumar
33: IN 31: 201621033089 32: 2016-09-28
33: ZA 31: 2016/08756 32: 2016-12-20
54: AN ADAPTIVE METHODOLOGY FRAMEWORK SYSTEM AND METHOD THEREOF
00: -
The present disclosure relates to an adaptive methodology framework system and method thereof. The system includes a program repository to store a program package and a program data, a trend repository to store current trends, a program evaluator to generate evaluated program data, a diagnosis module to identify current issues present in the program package, a prediction module to predict future issues in the program package, a solution recommendation module to recommend a first set of solutions for the current issues and the future issues and a trend recommendation module to recommend a second set of solutions based on the current trends.

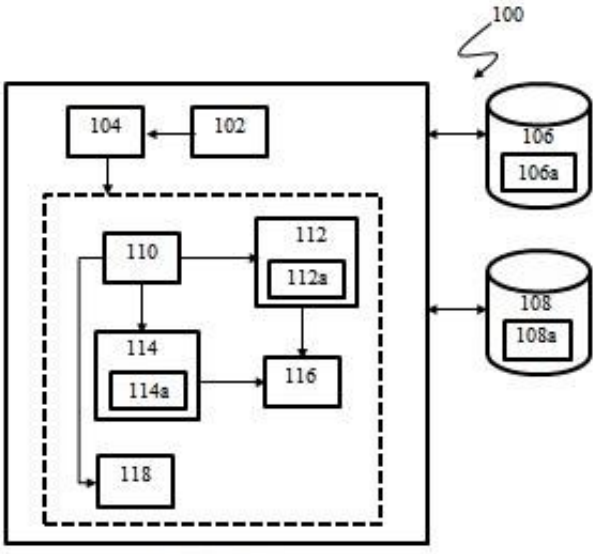


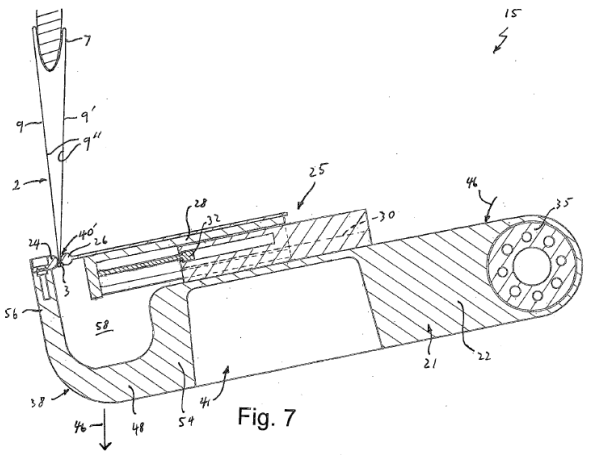
FIGURE 1

21: 2017/06632. 22: 2017/10/03. 43: 2019/05/02
51: C11D
71: THE PROCTER & GAMBLE COMPANY
72: LANT, Neil, Joseph, WOOD, Rebecca, Louise, GUMEL, Jeremie, Robert, Marcel

33: EP 31: 15190045.3 32: 2015-10-15
33: EP 31: 15165814.3 32: 2015-04-29
54: METHOD OF TREATING A FABRIC
00: -
Method for treating a hydrophobically-modified textile with an aqueous solution of a nuclease enzyme, preferably a deoxyribonuclease or ribonuclease enzyme, rinsing and drying the textile. Use of the finishing step for improved cleaning with an aqueous solution of a nuclease enzyme, preferably a deoxyribonuclease or ribonuclease enzyme

---

21: 2017/06649. 22: 2017/10/03. 43: 2019/06/18
51: B29C; B29D; B29L
71: Safedon Limited
72: STOLLERY, Jonathan William, STOLLERY, Kim Marie
33: GB 31: 1503672.6 32: 2015-03-04
54: STRIPPING OF A DIP-MOULDED GLOVE FROM A FORMER
00: -
A glove stripping apparatus (15) for fully stripping a partially stripped elastomeric dip-moulded glove (2) from a handshaped dip-moulding former(4) comprises a gripping device (25) relatively movable with respect to a downwardly hanging cuff end portion (10), a gripping actuator (32),a stripping actuator (35) and controller for controlling the operation of the actuators. The relative movement of the gripping device and the downwardly hanging cuff end portion is driven by the stripping actuator. The gripping device has first and second gripping members (24, 26) movable relative to each other by the gripping actuator. The gripping members provide opposed gripping surfaces (34, 36) for gripping the cuff end portion. The first gripping member and the second gripping member initially provide a horizontally extending gap between the gripping surfaces which receives the cuff end portion. The gripping members are moved to reduce the gap (40') until the cuff end portion is restrained between the gripping surfaces with a beaded cuff end (3) of the glove being below the gap. The gripping members are moved downwardly (46) together towards the beaded cuff end so that the cuff end portion moves upwards relative to the gap until the beaded cuff end (3) is caught by the gap (40'). The downward movement is then continued until the glove is fully stripped from the dip-moulding former.


Fig. 7

21: 2017/06654. 22: 2017/10/03. 43: 2019/05/27
51: H05G
71: Ecole Polytechnique Federale de Lausanne (EPFL)
72: CARPITA, Mauro, GAVIN, Serge, BINER, Hans-Peter, GERMANIER, Alain, TORREGROSSA, Dimitri
33: PCT/IB(CH) 31: 2015/051656 32: 2015-03-06
54: HIGH VOLTAGE X-RAY POWER SUPPLY SYSTEM WITH DUAL ENERGY STORAGE SYSTEM
00: -
Medical X-ray power generator system comprising an energy storage section comprising at least one battery unit and at least one supercapacitor (SC) unit, wherein the SC unit and the battery unit are connected in a way as to allow a bidirectional exchange of energy.

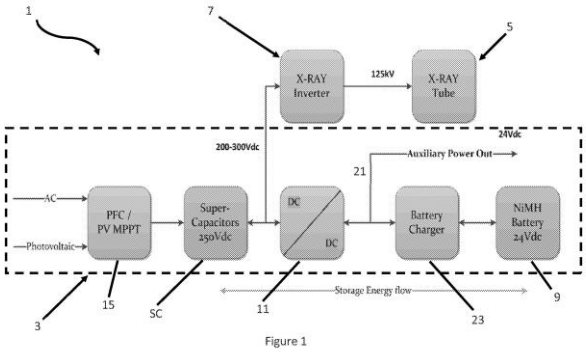


Figure 1

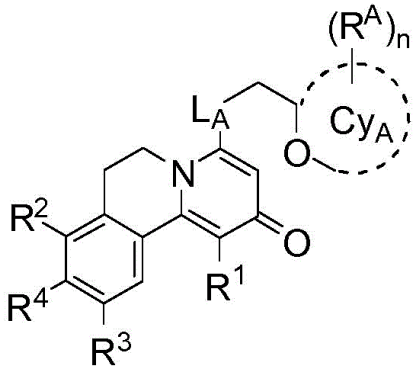
21: 2017/06665. 22: 2017/10/04. 43: 2019/05/02
51: C11D
71: THE PROCTER & GAMBLE COMPANY

72: LANT, Neil, Joseph, WOOD, Rebecca, Louise, GUMMEL, Jeremie, Robert Marcel
33: EP 31: 15165813.5 32: 2015-04-29
33: EP 31: 15190046.1 32: 2015-10-15
54: METHOD OF TREATING A FABRIC
00: -
A method of treating a fabric, comprising contacting the fabric with an aqueous liquor comprising a fabric care component selected from the group consisting of cationic softening-compounds, silicone softening-compounds, paraffins, dispersible polyolefins, waxes and mixtures thereof; and contacting the fabric with an aqueous liquor comprising a nuclease enzyme, preferably a deoxyribonuclease or ribonuclease enzyme. The aqueous liquor may be provided by adding a cleaning or treatment composition to water. Preferably the composition

---

21: 2017/06674. 22: 2017/10/04. 43: 2019/05/06
51: A61K; A61P; C07D
71: Galapagos NV
72: MENET, Christel Jeanne Marie, DOYON, Julien Georges Pierre-Olivier, CLAES, Pieter Isabelle Roger, ALLART, Brigitte, DE WACHTER, Maxim Maria Paul, TRICARICO, Giovanni Alessandro
33: GB 31: 1506894.3 32: 2015-04-23
54: NOVEL DIHYDROPYRIDOISOQUINOLINONES AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS
00: -

A compound according to Formula (I): wherein R^1, L_A, Cy_A, R^A, R^2, R^3, and R^4 are as described herein. The present invention relates to novel compounds according to Formula I that antagonize GPR84, a G-protein-coupled receptor that is involved in inflammatory conditions, and methods for the production of these novel compounds, pharmaceutical compositions comprising these compounds, and methods for the prevention and/or treatment of inflammatory conditions, pain, neuroinflammatory conditions, neurodegenerative conditions, infectious diseases, autoimmune diseases, endocrine and/or metabolic diseases, cardiovascular diseases, leukemia, and/or diseases involving impairment of immune cell functions by administering a compound of the invention.



(I)

21: 2017/06708. 22: 2017/10/05. 43: 2019/05/02
51: F22B
71: General Electric Technology GmbH
72: RAMOND, Mathieu, FORGEOT, Adele, AHLBRINK, Nils, BURCKER, Bertrand
33: EP(CH) 31: 15290109.6 32: 2015-04-21
54: MOLTEN SALT ONCE-THROUGH STEAM GENERATOR
00: -
An advanced molten salt once-through steam generator system (100) functional on hot molten salt supplied via a supply line (110). The system (100) includes a steam (generator 120), a feedwater supply line (140), at least one high pressure heaters (150, 152) and a separator (160). The molten salt is supplied the steam generator (120), which includes at least one economizer (132), an evaporator (134), and a superheater (136) to utilize the heat of the molten salt flowing from the superheater (136) to economizer (132) to generate steam. The feedwater line (140) supplies the feedwater to the steam generator (120), flowing from the economizer (132) to the superheater (136) to be converted into steam by the hot molten salt. The heaters (150, 152) are arranged in series in the feedwater line (140) to heat the feedwater up to required temperature. The separator (160) enables separation of the water and steam.

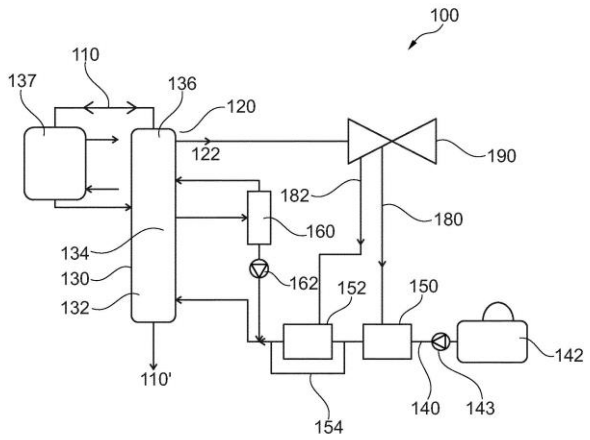


Fig. 2

21: 2017/06779. 22: 2017/10/06. 43: 2019/05/27
51: H04L; H04W
71: QUALCOMM Incorporated
72: BHARADWAJ, Arjun, KIM, Youhan, PATI, Vishvabhusan, TIAN, Bin, VERMANI, Sameer
33: US 31: 62/144,216 32: 2015-04-07
54: PROCESSING TIME EXTENSION FOR HIGH BANDWIDTH WIRELESS COMMUNICATIONS
00: -
A wireless device may selectively add padding to an end of a data transmission in order to provide adequate time for a receiving device to process the transmitted data and transmit feedback related to the transmitted data. A wireless device may identify a total amount of data capable of being transmitted in a transmission, and determine a number of data bits to be transmitted in the transmission. An amount of padding may be selected based on a proportion of the total amount of data capable of being transmitted and the number of data bits. In some examples, a preamble for a feedback transmission may be transmitted concurrently with processing of the received transmission.

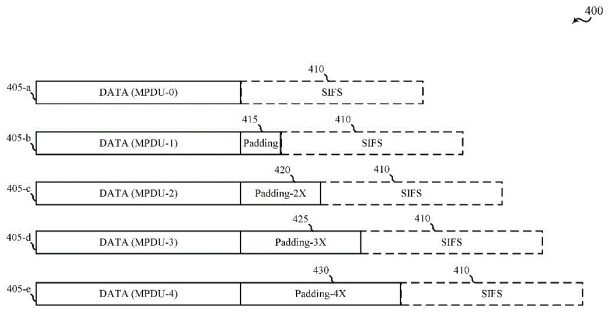


FIG. 4

21: 2017/06785. 22: 2017/10/09. 43: 2019/05/24
51: A61K; A61Q
71: Colgate-Palmolive Company
72: POTNIS, Shashank Vishwanath, PLATA, Rolando, KAMATH, Shridhara M., KOTIPALLI, Nookesh, MANDHARE, Manish
33: IN 31: 1185/DEL/2015 32: 2015-04-29
54: ORAL CARE COMPOSITIONS
00: -
Provided is an oral care composition, e.g., a dentifrice, comprising a calcium abrasive, e.g., calcium carbonate, potassium nitrate (KNO3), and a basic amino acid, in free or salt form, e.g., arginine, in free or salt form, wherein the potassium nitrate is present in an amount of 0.1-1% by weight of the composition and methods of using the same.

21: 2017/06788. 22: 2017/10/09. 43: 2019/05/02
51: A23G
71: FrieslandCampina Nederland B.V.
72: BARTELS-ARNTZ, Marjoleine Maria Theodora Gerarda, ALTING, Aart Cornelis, WESTERBEEK, Johannes Martinus Maria
33: EP(NL) 31: 15163631.3 32: 2015-04-15
54: A FROZEN AERATED CONFECTIONERY PRODUCT AND A METHOD FOR PREPARING SUCH A PRODUCT
00: -
The present invention relates to a method for preparing an aerated frozen confectionery product, preferably ice cream. A further aspect of the present invention further relates to an aerated frozen confectionery product obtainable by said method and to the use of an ingredient mix for preparing an aerated frozen confectionery product.

21: 2017/06804. 22: 2017/10/09. 43: 2019/05/23
51: B65D
71: CROWN PACKAGING TECHNOLOGY, INC.

72: COMBE, Florian Christian Gregory, OSBORN, Stephen John, WINSTANLEY, Lucy Michelle
33: GB 31: 1504128.8 32: 2015-03-11
54: RINGLESS METAL CANS AND METHOD
00: -
A can comprises a can body and a lid. The can body is manufactured using only a single homogeneous piece of material and has a curled edge that defines a top opening into the can. The can body also has an inwardly directed bead, which extends around the body, is adjacent to the can body edge, and defines an inwardly facing sealing surface of substantially constant transverse cross-sectional dimension along an axial extent. The lid defines an outwardly directed sealing surface which abuts the inwardly facing sealing surface presented by the inwardly directed bead in order to seal the lid to the can body.

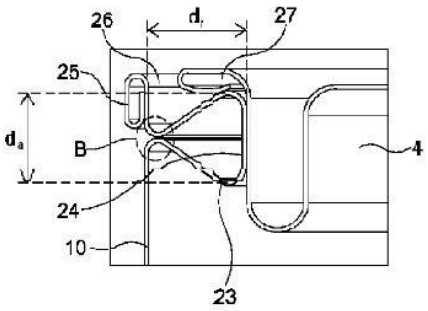


Figure 9

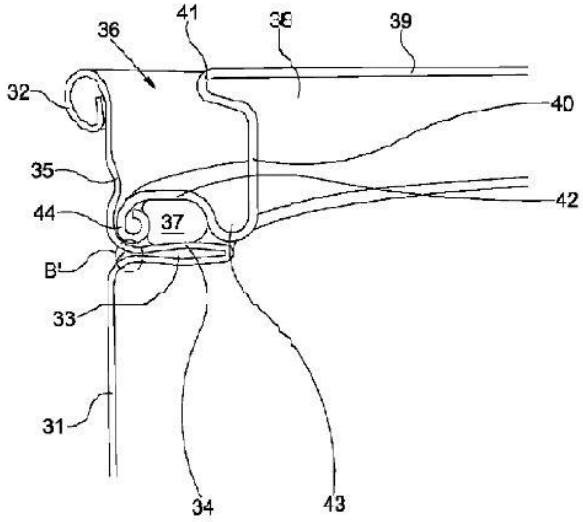


Figure 11

21: 2017/06855. 22: 2017/10/10. 43: 2019/05/16
51: F04B; B01D

71: ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP
72: HELLEMANS, GEERT, VERTRIEST, DANNY
33: BE 31: 2016/5804 32: 2016-10-25
54: COMPRESSOR INSTALLATION WITH DRYING DEVICE FOR COMPRESSED GAS AND METHOD FOR DRYING COMPRESSED GAS
00: -
Compressor installation with drying device for compressed gas, with the drying device (6) containing a housing (7) with a drying zone (8) and a regeneration zone (14); whereby in the housing (7) a drum (13) with a drying agent is fitted rotatably; and whereby the pressure line (5) comprises a heat-exchanger (11) for cooling the compressed gas before it enters said drying zone (8), whereby a tap-off pipe (18) is connected to the discharge line (17) that is connected to a cooling inlet (19) of the heat-exchanger (11), while the heat-exchanger (11) further comprises a cooling outlet (20) that is connected to the inlet (15) of the regeneration zone (14), while the outlet (16) of the regeneration zone (14) is connected to said pressure line (5).

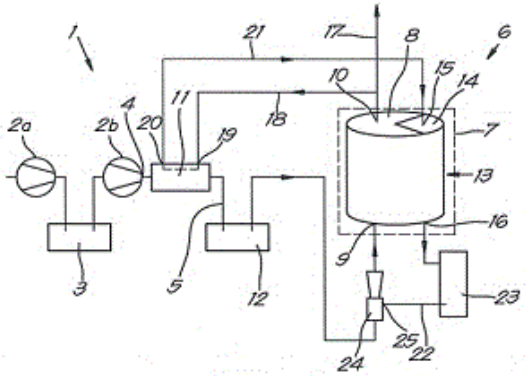


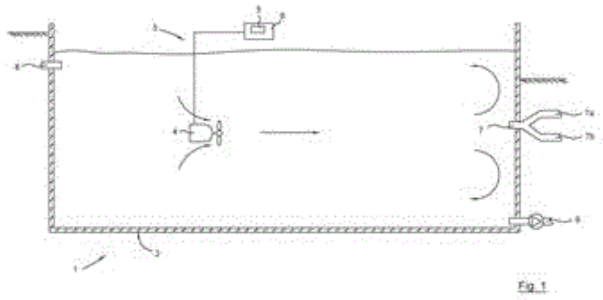
Fig.1

21: 2017/07222. 22: 2016/03/21. 43: 2019/05/27
51: C02F
71: XYLEM IP MANAGEMENT S.À R.L.
72: UBY, LARS
33: SE 31: 1550356-8 32: 2015-03-25
54: METHOD FOR CONTROLLING A TREATMENT APPARATUS ARRANGEMENT, A TREATMENT APPARATUS ARRANGEMENT FOR

A TREATMENT PLANT AS WELL AS A TREATMENT PLANT

00: -

According to a first aspect the invention relates to a method for controlling a treatment apparatus arrangement (3) in a treatment plant (1), the treatment plant (1) comprising a basin (2) housing a liquid comprising solid matter, the operating condition in said basin (2) being anoxic and/or anaerobic, and said treatment apparatus arrangement (3) that comprises at least one mixer machine (4) located in said basin (2) and a variable speed drive (5) operatively connected to said mixer machine (4). The variable speed drive (5) operates the mixer machine (4) alternately in a Normal Operation Mode, in which an operational speed of the mixer machine (4) is at least the highest of a suspension speed and a process speed, and a Reduced Operation Mode, in which the operational speed of the mixer machine (4) is below said suspension speed. According to a second aspect the invention also relates to a treatment apparatus arrangement and a treatment plant, respectively.



21: 2017/07396. 22: 2016/05/18. 43: 2019/05/16
51: C21D; B21B
71: OUTOKUMPU OYJ
72: TEIPEL, JÖRN, WIEMER, DIRK, ZOPPKE, LUTZ, VOGEL, PATRICK, JÄÄGER, ANDREAS, WEG, MICHAEL, ARNOLD, BURKHARD, WÖRSTER, FRANK
33: EP 31: 15167926.3 32: 2015-05-18

54: METHOD FOR PRODUCING A STAINLESS STEEL SHEET WITH MODIFIED VISUAL CHARACTERISTICS

00: -

The invention relates to a method for producing a patterned stainless steel sheet with modified visual characteristics in the wavelength area of visible light the deformed stainless steel having a thickness of 0,3 - 3,5 mm. In the method the deformed stainless steel sheet is pretreated by at least one heat treatment step and at least one mechanical treatment step on at least one surface of the heat treated stainless steel sheet. The pretreated stainless steel sheet is further transferred for patterning process, and at least one heat treatment step is carried out for the patterned stainless steel sheet surface.

21: 2017/07424. 22: 2017/11/01. 43: 2019/05/14
51: A01N; C07D
71: Bayer CropScience Aktiengesellschaft
72: HOFFMANN, Sebastian, HELMKE, Hendrik, DAHMEN, Peter, WACHENDORFF-NEUMANN, Ulrike, BERNIER, David, MILLER, Ricarda, COQUERON, Pierre-Yves, GENIX, Pierre, WITTROCK, Sven, VORS, Jean-Pierre, KENNEL, Philippe, BRUNET, Stephane, NAUD, Sébastien, MEISSNER, Ruth
33: EP(DE) 31: 15162437.6 32: 2015-04-02

54: NOVEL 5-SUBSTITUTED IMIDAZOLE DERIVATIVES

00: -

The present invention relates to novel 5-substituted imidazolylmethyl derivatives, to processes for preparing these compounds, to compositions comprising these compounds, and to the use thereof as biologically active compounds, especially for control of harmful microorganisms in crop protection and in the protection of materials and as plant growth regulators.

21: 2017/07815. 22: 2017/11/17. 43: 2019/05/17
51: G01G
71: TMS International Corporation
72: MAMICH, Chuck, NORMAN, Douglas Blake, RODRIGUEZ ANTON, Fernando
33: US 31: 62/162,292 32: 2015-05-15

54: MOBILE PALLET SCALE

00: -

A mobile scale including a lower frame having at least one load cell and an upper deck having at least one load cell engagement surface for engaging the at least one load cell. The upper deck is movable from a first position where the at least one load cell engagement surface is engaged with the at least one load cell to a second position where the at least one load cell engagement surface is disengaged from the at least one load cell. Also, a method of weighing and moving a load. The load is placed on

the mobile scale described above. The weight of the load is determined using the load cells when the upper deck is in the first position. The mobile scale is then lifted to transition the upper deck from the first position to the second position and moved to a new location.

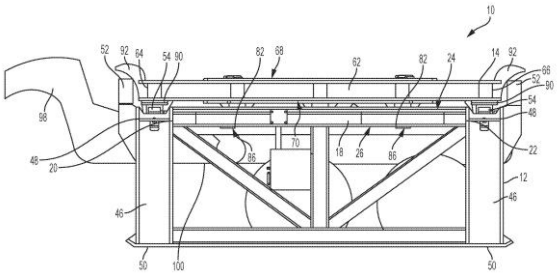


FIG. 7

21: 2017/07883. 22: 2017/11/21. 43: 2019/05/02
51: B65D B01F C08G
71: PARAGON NORDIC AB
72: WIKSTRAND, Carl, Tommy, KARJUS, Kristian, BURSTEDT, Malin, SILVANDER, Mats
33: SE 31: 1550507-6 32: 2015-04-28
54: TWO-COMPONENT PAINT SYSTEM
00: -
A two-component paint system (1) comprises a medium pressure canister (10) with a paint, at least one solvent and at least one propellant, and a high pressure canister (20) with a hardener, at least one solvent, at least one propellant and an inert gas or inert gas mixture. An adapter (30) is configured to transfer the content of the high pressure canister (20) into the content of the medium pressure canister (10). The internal pressure of the high pressure canister (20) is at least 2 bars higher than the internal pressure of the medium pressure canister (10).

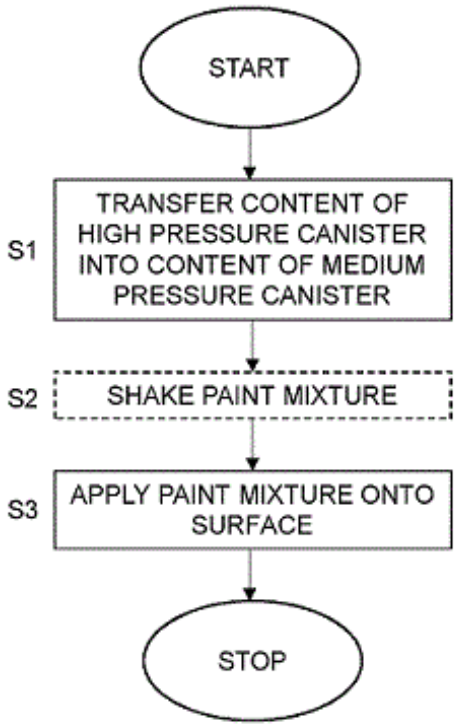


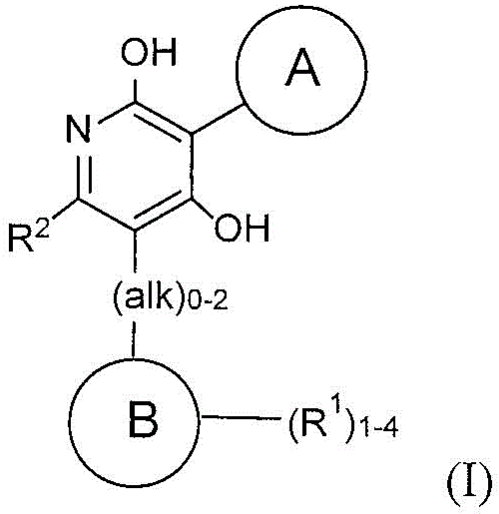
Fig. 11

21: 2017/07906. 22: 2017/11/21. 43: 2019/05/09
51: A01N; C12N
71: CELULARITY, INC.
72: KARASIEWICZ-MENDEZ, Kathy, E., FRANCKI, Aleksandar, TURNER, Jeffrey, LAW, Eric, PAREDES, Jennifer, LABAZZO, Kristen, RANA, Hemlata, HOFGARTNER, Wolfgang, HARIRI, Robert, J.
33: US 31: 62/166,504 32: 2015-05-26
54: ANGIOGENESIS USING STIMULATED PLACENTAL STEM CELLS
00: -
Provided herein are stimulated placental stem cells and methods of treating individuals having diseases or disorders of the circulatory system using stimulated placental cells. The invention also provides methods of inducing angiogenesis using such stimulated cells or populations of cells comprising such stimulated cells.

21: 2017/08123. 22: 2016/05/18. 43: 2019/05/22
51: A01N; A01P; G01N

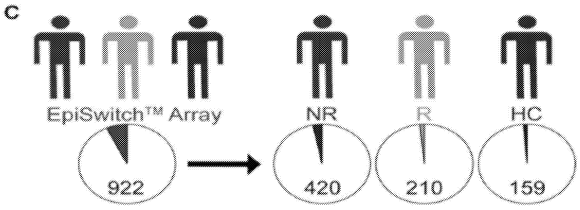
71: RIKEN
72: ARIMOTO, YUTAKA, KASHIMA, TAKAYUKI
33: JP 31: 2015-101136 32: 2015-05-18
54: COMPOSITION FOR THE CONTROL OF GRAPEVINE ESCA DISEASE, BLACK DEAD ARM DISEASE, AND/OR EUTYPA DIEBACK DISEASE
00: -
Provided is a composition for controlling at least one disease selected from grapevine ESCA disease, black dead arm, and Eutypa dieback disease, the composition containing at least one selected from the group consisting of alkali metal carbonates and alkali metal hydrogen carbonates as an active ingredient.

21: 2017/08191. 22: 2017/12/01. 43: 2019/05/14
51: A61K; A61P; C07D
71: Bristol-Myers Squibb Company
72: JOHNSON, James A., KIM, Soong-Hoon, LAWRENCE, R. Michael, MYERS, Michael C., CHAO, Hannguang J., PHILLIPS, Monique, JIANG, Ji
33: US 31: 62/170,215 32: 2015-06-03
54: 4-HYDROXY-3-(HETEROARYL)PYRIDINE-2-ONE APJ AGONISTS FOR USE IN THE TREATMENT OF CARDIOVASCULAR DISORDERS
00: -
The present invention provides compounds of Formula (I) wherein all variables are as defined in the specification, and compositions comprising any of such novel compounds. These compounds are APJ agonists which may be used as medicaments.



(I)

21: 2017/08230. 22: 2017/12/04. 43: 2019/06/04
51: C12Q
71: OXFORD BIODYNAMICS LIMITED
72: RAMADASS, Aroul, HUNTER, Ewan, AKOULITCHEV, Alexandre
33: GB 31: 1511079.4 32: 2015-06-24
33: GB 31: 1511080.2 32: 2015-06-24
33: GB 31: 1519555.5 32: 2015-11-05
54: EPIGENETIC CHROMOSOME INTERACTIONS
00: -
A method of determining responsiveness to therapy for rheumatoid arthritis.



21: 2017/08254. 22: 2017/12/05. 43: 2019/07/02
51: G01N
71: SEATTLE CHILDREN'S HOSPITAL D/B/A SEATTLE CHILDREN'S RESEARCH INSTITUTE (SCRI")
72: Thomas HRAHA, David STERLING, Urs A. OCHSNER, Nebojsa JANJIC, Thomas Jens SCRIBA, Adam Garth PENN-NICHOLSON, Willem Albert HANEKOM, Daniel Edward ZAK, Ethan Greene THOMPSON
33: US 31: 62/159,011 32: 2015-05-08
54: BIOMARKERS FOR DETECTION OF TUBERCULOSIS RISK
00: -
The present application relates generally to biomarkers for tuberculosis (TB) infection and disease and methods of detection thereof. In various embodiments, the invention relates to one or more biomarkers, biomarker panels, methods, devices, reagents, systems, and kits for detecting and/or characterizing TB infection and/or disease.

21: 2017/08375. 22: 2017/12/11. 43: 2019/05/09
51: G06F
71: REALYST CONTRACT MANAGEMENT LTD
72: MADDISON, Paul Christopher, ALUKO, Bade Adesanya
33: ZA 31: 2016/06248 32: 2016-09-09
54: METHOD OF AND SYSTEM FOR FACILITATING THE EXCHANGE OF

INFORMATION AND/OR DOCUMENTATION BETWEEN INDIVIDUALS AND ORGANISATIONS

00: -

A system for facilitating the exchange of information and/or documentation between individuals and organisations is provided. The system comprises a client platform component to manage, orchestrate, coordinate and facilitate the execution and provide responses to all user related requests, for a service or documentation, emanating from a client associated device or channel; an organization platform component to manage, orchestrate, coordinate and facilitate all the interaction between a user and an organization to provide seamless and faster business and transactional engagement between the organization, typically as a provider of a service, and the user (or prospective user) of the service; and a database or a plurality of databases.

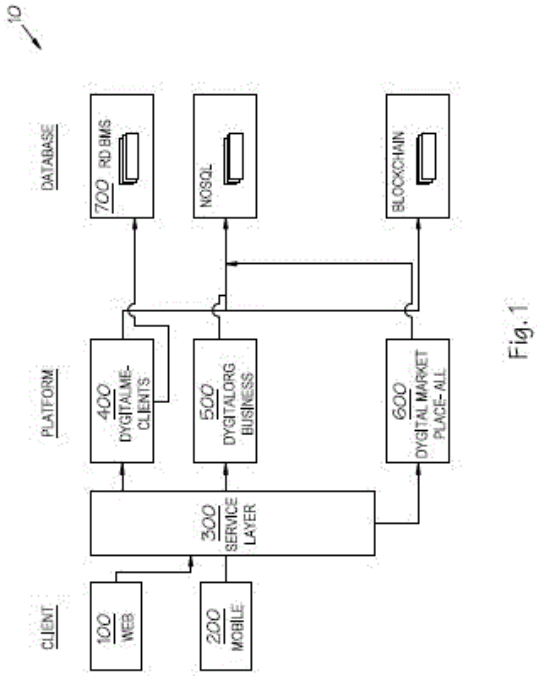


Fig. 1

21: 2017/08382. 22: 2017/12/11. 43: 2019/05/17
51: C22B; F27B
71: Glencore Technology Pty Limited, Commonwealth Scientific and Industrial Research Organisation
72: NIKOLIC, Stanko, CHEN, Chunlin, JAHANSHAHI, Sharif
33: AU 31: 2015902212 32: 2015-06-12

54: METHOD FOR TREATING COPPER CONCENTRATES

00: -

A method for the pyrometallurgical processing of a sulphide material containing copper, the sulphide containing relatively high quantities of silica and relatively low quantities of iron, wherein the process comprises feeding the sulphide material to a TSL furnace operated under oxidising conditions such that the sulphide material forms blister copper containing between 1.2 and 1.5 wt% sulphur and a slag containing between 7 and 13 wt% copper.

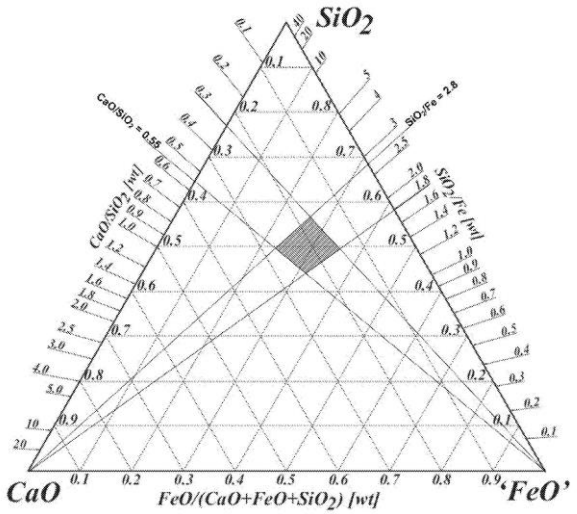


FIG 1

21: 2017/08461. 22: 2017/12/13. 43: 2019/05/16
51: A61K; A61Q; B26B
71: The Gillette Company LLC
72: BRADFORD, Valerie Jean, STEPHENS, Alison Fiona, WILLIAMSON, Martin Stephen
33: EP(GB) 31: 15174448.9 32: 2015-06-30

54: LUBRICATING MEMBER FOR RAZOR CARTRIDGES

00: -

The invention relates to a lubricating member for a razor cartridge comprising a water soluble polymer and a silicone polyether block copolymer comprising from 1 to 50%, by weight of polyethylene oxide, from 20% to 90%, polypropylene oxide and from 1% to 20%, by weight of silicone for improved lubrication.

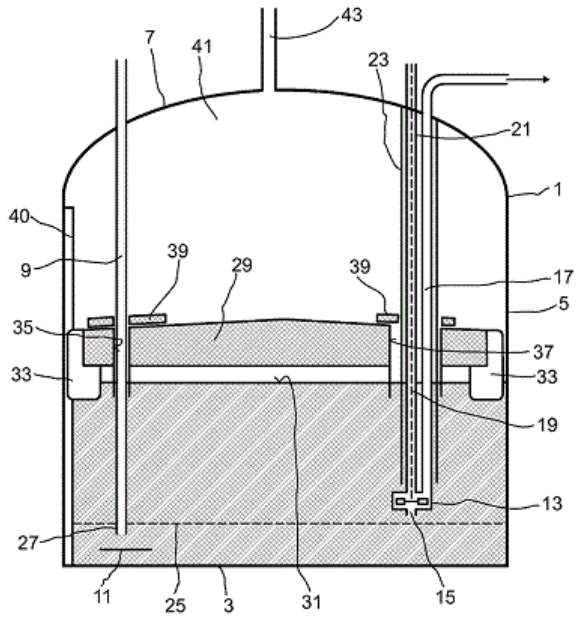
21: 2017/08502. 22: 2017/12/14. 43: 2019/05/02
51: B65D F24J
71: BASF SE
72: WORTMANN, Jürgen, LADENBERGER, Michael, FEDERSEL, Katharina, MAURER, Stephan
33: EP 31: 15168599.7 32: 2015-05-21

54: CONTAINER FOR STORING A LIQUID AND USE THEREOF

00: -

The invention relates to a container for storing a liquid which has a tendency to break down into gaseous breakdown products under the conditions prevailing in the container (1) and in which a chemical reaction equilibrium between the gaseous breakdown products and the liquid is established. The container (1) accommodates a floating roof (29) and said floating roof (29) comprises floaters (33) with the help of which the floating roof (29) floats on the liquid, the floating roof (29) being guided in the container (1) by means of a sliding seal (45). The invention further relates to a device for storing heat, comprising a first container (57) for storing a cooler liquid and a second container (59) for storing a liquid that is hotter than said liquid, and to a use of the container and the device for storing heat.

FIG.1



21: 2017/08565. 22: 2017/12/15. 43: 2019/05/13
51: A47K
71: ESSITY HYGIENE AND HEALTH AKTIEBOLAG
72: ALLARD, Bryan Fitzgerald, DOTSEY, Michael Austin, DINGLER, Noah Eberhard, NOLAN, Patrick Bryan
33: US 31: 62/180,693 32: 2015-06-17
33: US 31: 14/798,056 32: 2015-07-13

54: DISPENSER ASSEMBLY AND RELATED METHODS

00: -

A paper product dispenser assembly has a hood that includes a hood coupling component, as well as a first rear housing member that is configured for selective coupling with the hood. The first rear housing member has a first coupling component that cooperates with the hood coupling component for releasably coupling the hood and the first rear housing member to one another. The first rear housing member and the hood jointly define a first housing that is adapted to hold a roll of paper product therein. A second rear housing member of the assembly is configured for elective coupling with the hood in place of the first rear housing member. The second rear housing member has a second coupling component that cooperates with the hood coupling component for releasably coupling the hood and the second rear housing member to one another.

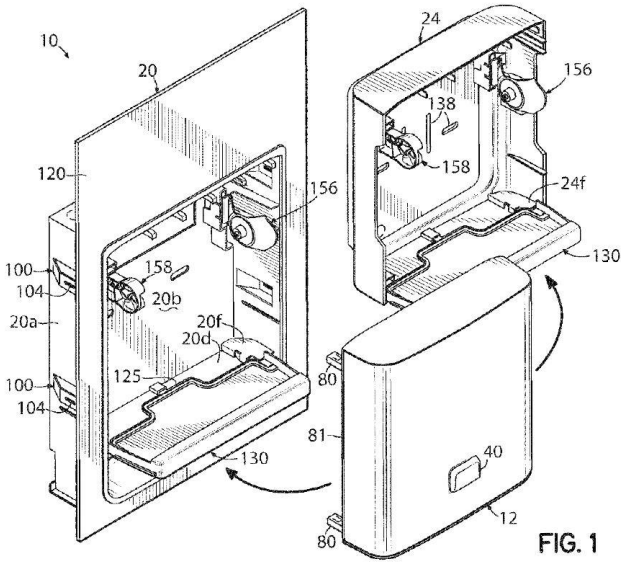


FIG. 1

21: 2017/08715. 22: 2016/05/23. 43: 2019/05/06
51: C02F; A45F
71: COHEN, CARYN ANNE
72: COHEN, CARYN ANNE, PAYNE, GAVIN CHARLES
33: ZA 31: 2015/03669 32: 2015-05-22

54: WATER PURIFICATION DEVICE

00: -

This invention concerns a fluid purification device. The device has container, a nozzle and a removable filter element. The container is preferably a bottle and has at least partially flexible sidewalls so that it is collapsible from a first, operative condition into a second, inoperative condition. The nozzle is connectable to the container and defines a first fluid flow path along which fluid flows when, in use, filling the container and a second fluid flow path along which fluid flows when, in use, dispensing fluid from the container. The removable filter element is carried by the nozzle such that it is positioned in the first fluid flow path so that the fluid is filtered when filling the container and positioned outside the second fluid flow path so that the flow of fluid is unobstructed by it when dispensing fluid from the container. The invention also concerns a method of filtering a fluid.

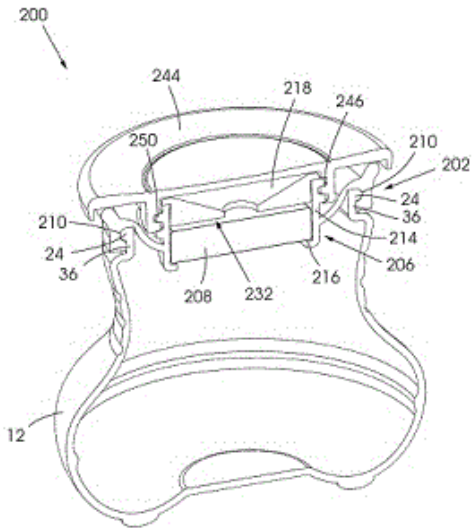


Fig. 15

21: 2018/00032. 22: 2016/07/19. 43: 2019/05/06
51: E01B
71: PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GESELLSCHAFT M.B.H.
72: MÜLLER, MICHAEL
33: AT 31: A 536/2015 32: 2015-08-14
54: TRACK CONSTRUCTION MACHINE
00: -
The invention relates to a track construction machine having an internal combustion engine (7) which is mechanically connected to an electrical generator/motor unit (10) by a drive shaft (17). The electrical generator/motor unit is connected to a hydraulic pump (8) by a mechanical drive device (19). A storage battery (20) is connected to the generator/motor unit (10) and to the electrical drives (5) by an electrical supply line (21).

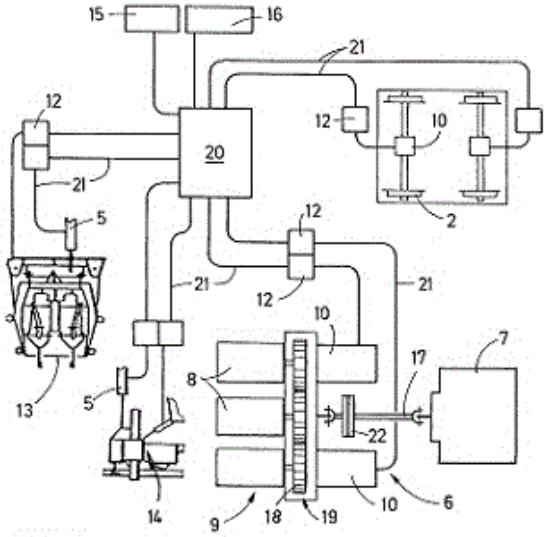


Fig. 2

21: 2018/00038. 22: 2016/06/15. 43: 2019/05/06
51: C07F
71: DOW TECHNOLOGY INVESTMENTS LLC
72: BRAMMER, MICHAEL A, MILLER, GLENN A, BIGI, MARINUS A, PHILLIPS, GEORGE R, VANCHURA, BRITT A, KEARNS, KENNETH L
33: US 31: 62/182,017 32: 2015-06-19
54: CRYSTALLINE LIGAND 6,6'-[[3,3',5,5'-TETRAKIS(1,1 -DIMETHYLETHYL)-[1,1 '-BIPHENYL]-2,2'-DIYL]BIS(OXY)]BISDIBENZO[D,F][1,3,2]-DIOXAPHOSPHEPIN
00: -
A ligand crystal structure of 6,6'-[[3,3',5,5'-tetrakis(1,1-dimethylethyl) -[1,1'-biphenyl]-2,2'-diyl]bis(oxy)]bisdibenzo[d,f][1,3,2]- dioxaphosphepin. Formule (I)

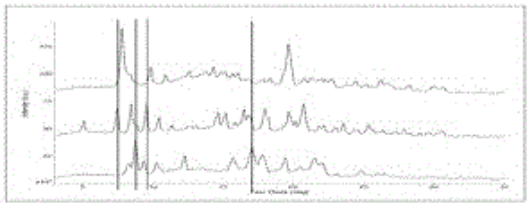
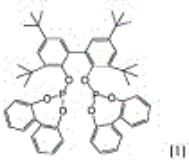


Figure 1



(I)

21: 2018/00066. 22: 2016/07/29. 43: 2019/05/02
51: C12J; A23C
71: ACETIFICIO CARANDINI EMILIO S.P.A.
72: CARANDINI, GIOVANNI
33: IT 31: 102015000042523 32: 2015-08-06
54: METHOD FOR PRODUCING A FOOD PRODUCT BASED ON VINEGAR CREAM AND CHEESE CREAM AND A PRODUCT OBTAINED USING SUCH METHOD
00: -
A method for producing a food product based on vinegar cream and cheese cream, comprises the steps of providing at least one vinegar cream and at least one cheese cream, mixing at least one vinegar cream with at least one cheese cream in respective predetermined amounts, so as to obtain a food product having the characteristics of stability with long periods of preservation as well as particularly unique and pleasant flavour.

21: 2018/00067. 22: 2016/06/23. 43: 2019/05/02
51: A61K; A61P
71: LABORATORIOS LEON FARMA SA
72: DROUIN, DOMINIQUE, BOYER-JOUBERT, CÉCILE, PERRIN, PHILIPPE
33: EP 31: 15305965.4 32: 2015-06-23
33: CN 31: 201510348953.1 32: 2015-06-23
54: DROSPIRENONE-BASED CONTRACEPTIVE FOR A FEMALE PATIENT AFFECTED WITH EXCESS WEIGHT
00: -
Drospirenone as the sole contraceptive ingredient comprised in a daily active dosage unit in an amount of at least 3 mg for use as a contraceptive for a female patient affected with obesity.

21: 2018/00068. 22: 2016/07/01. 43: 2019/05/02
51: A61F; A61L
71: SKULLE IMPLANTS OY
72: VALLITTU, PEKKA
33: EP 31: 15175784.6 32: 2015-07-08
54: ORTHOPEDIC IMPLANT
00: -
The present invention relates to an implant consisting of a surface layer consisting of fibres and a matrix, having a first surface and a second surface opposite each other, and having a thickness that is at most 5 % of the largest dimension of said surface layer; a porous biodegradable part having a first surface and a second surface opposite each other, wherein its first surface is attached to the second surface of the surface layer and having a thickness of 1 - 8 mm; and a membrane layer made of collage having a first surface and a second surface opposite each other, wherein its first surface is attached to the second surface of the porous part without covering the edges of the porous part; wherein its first surface is attached to the second surface of the porous part wherein the porous part comprises material selected from the group consisting of bioactive glass, bioactive ceramic, hydroxyapatite, tricalciumphosphate and mixtures thereof.

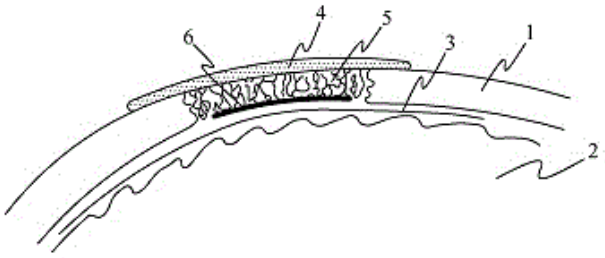


Fig. 2

21: 2018/00069. 22: 2016/07/13. 43: 2019/05/06
51: B65G
71: SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
72: WANG, CHENGLONG, ZENG, QINGLIANG, WANG, TONGCHENG, CHEN, MENG, KANG, HONGXI, MA, FANFAN, LIU, ZHIHAI
33: CN 31: 201610378958.3 32: 2016-05-31

54: CHAIN TENSION REGULATING DEVICE USED FOR TAIL OF SCRAPER AND USE THEREOF

00: -

Disclosed are a chain tension regulating device used for the tail of a scraper and use thereof, comprising a body (16) ,and a telescopic mechanism, a bearing block (17), a connecting rod and a locking mechanism arranged on the body (16). The telescopic mechanism, the bearing block (17) and the connecting rod are sequentially connected, the telescopic mechanism driving the bearing block (17) to move to regulate the chain tension and automatically locking or unlocking the connection rod at one side of the bearing block through the locking mechanism. The bearing block in the device is connected to a sprocket wheel shaft at the tail of the scraper, and the sprocket wheel shaft is drove to move by the movement of the bearing block, so as to regulate tightness of the chain on the sprocket wheel shaft. Therefore, the purpose of regulating the chain tension is achieved, and the scraper chain can works in a proper degree of tightness, thus providing a technical support for the safe operation of the scraper.

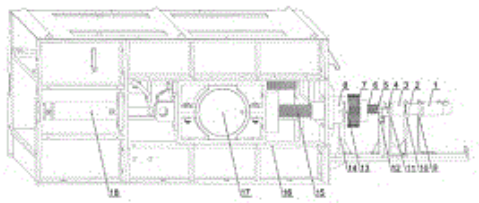


Fig. 1

21: 2018/00071. 22: 2016/06/03. 43: 2019/05/06
51: A01B
71: THE CLIMATE CORPORATION
72: SAUDER, DOUG, MUHLBAUER, CORY, KOCH, JUSTIN
33: US 31: 62/172,715 32: 2015-06-08

54: AGRICULTURAL DATA ANALYSIS

00: -

Described herein are systems and methods for agricultural data analysis. In one embodiment, a computer system for monitoring field operations includes a database for storing agricultural data including yield and field data and at least one processing unit that is coupled to the database. The at least one processing unit is configured to execute instructions to monitor field operations, to store agricultural data, to automatically determine whether at least one correlation between different variables or parameters of the agricultural data exceeds a threshold, and to perform analysis of the agricultural data to identify a category of man-made issues or other issues that have potentially caused the correlation when at least one correlation occurs between different variables or parameters of the agricultural data.

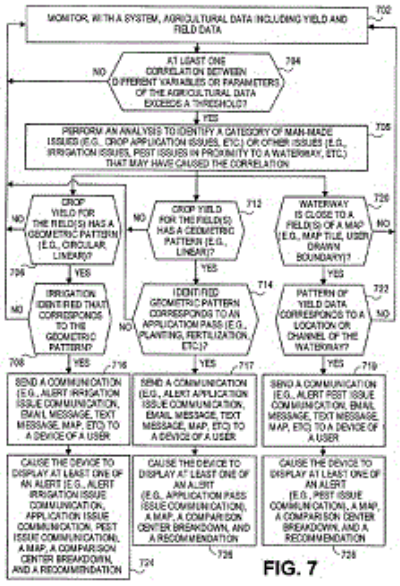


FIG. 7

21: 2018/00083. 22: 2018/01/05. 43: 2019/05/23
51: A61K; A61P
71: NYMOX CORPORATION
72: AVERBACK, Paul
33: US 31: 14/738,551 32: 2015-06-12

54: COMBINATION COMPOSITIONS FOR TREATING DISORDERS REQUIRING REMOVAL OR DESTRUCTION OF UNWANTED CELLULAR PROLIFERATIONS

00: -

The embodiments include methods of treating conditions requiring removal or destruction of cellular elements, such as benign or malignant tumors using compounds based on small peptides in combination with additional active agent(s). The method includes, but is not limited to, administering the compounds intramuscularly, orally, intravenously, intrathecally, intraprostatically, intratumorally, intranasally, topically, transdermallly, etc., either alone or conjugated to a carrier to a mammal in need thereof.

21: 2018/00093. 22: 2018/01/05. 43: 2019/05/09
51: H04L
71: QUALCOMM Incorporated
72: BHARADWAJ, Arjun, TIAN, Bin
33: US 31: 62/189,170 32: 2015-07-06
54: METHODS AND APPARATUS FOR EXTENDED RECEIVER PROCESSING TIME
00: -
Methods and apparatus for single and multi-user signal extensions or padding are provided. In various aspects, a number of symbols required to transmit a plurality of data bits to each of a plurality of wireless communication devices and a fraction of useful bits in a final symbol of each of the plurality of data bits is determined. A signaling extension length may also be determined based at least in part on the fraction of useful bits and a modulation and coding scheme (MCS) of each of the plurality of wireless communication devices. A plurality of data packets for each of the plurality of wireless communication devices are generated, with each data packet comprising the corresponding data bits and the signaling extension after the final symbol of each of the plurality of data packets.

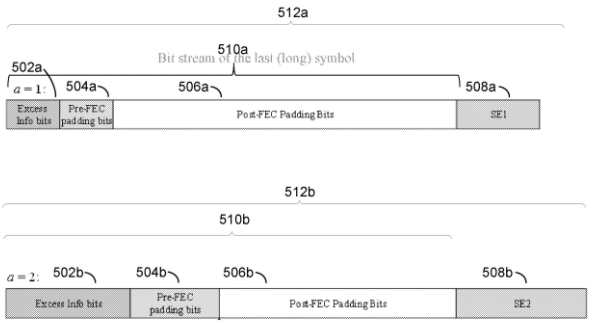
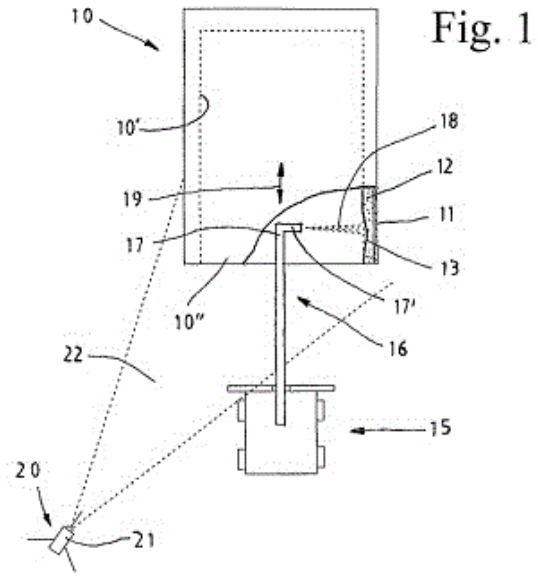


FIG. 5A

21: 2018/00102. 22: 2016/05/13. 43: 2019/05/06
51: F27D
71: REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG
72: LAMMER, GREGOR, CEPAK, ALEXANDER
33: EP 31: 15177235.7 32: 2015-07-17
54: METHOD FOR REPAIRING A REFRACTORY LINING OF A METALLURGICAL VESSEL IN THE HOT STATE
00: -
The invention relates to a method relating in particular to repairing a refractory lining of a metallurgical vessel (10) in the hot state. Said repair is carried out by means of an application device (15). In addition, a unit (20) detects at least the worn regions and monitors the repairs. In this way, before, during and/or after the application, at least one subregion of the location (13) to be repaired of the refractory lining (12) of the vessel (10) and/or the spray jet (18) is photographically detected with visualisation of the temperature ranges (26, 27, 28) and as a result an evaluation is carried out with respect to various parameters, such as properties, layer thicknesses and/or distribution of the application material. It has become apparent that, through this visualisation of the temperature ranges of the locations to be repaired or of the refractory material during application, various parameters can be very accurately determined and, as a result, an optimum coating of the lining can be achieved.



21: 2018/00125. 22: 2018/01/08. 43: 2019/05/07
51: A61K; A61P; C07D
71: Bayer Pharma Aktiengesellschaft
72: TELLER, Henrik, STRAUB, Alexander, BRECHMANN, Markus, MÜLLER, Thomas, MEININGHAUS, Mark, NOWAK-REPPEL, Katrin, TINEL, Hanna, MÜNTER, Klaus, FLIEGNER, Daniela, MONDRITZKI, Thomas, BOULTADAKIS ARAPINIS, Melissa, MARQUARDT, Tobias, VAKALOPOULOS, Alexandros, REBSTOCK, Anne-Sophie, WITTWER, Matthias Beat
33: EP(DE) 31: 15171127.2 32: 2015-06-09
54: POSITIVE ALLOSTERIC MODULATORS OF MUSCARINIC M2 RECEPTOR
00: -

The present application relates to positive allosteric modulators of the muscarinic M2 receptor, in particular novel 7-substituted 1-aryl-naphthyridin-3-carboxylic acid amides, to processes for the preparation thereof, to the use thereof alone or in combinations for the treatment and/or prevention of diseases, and to the use thereof for the production of medicaments for the treatment and/or prevention of diseases, particular for the treatment and/or prevention of cardiovascular disorders and/or renal diseases.

21: 2018/00127. 22: 2018/01/08. 43: 2019/05/07
51: C11B
71: Givaudan SA
72: MOUTTE, Maxence
33: GB 31: 1512585.9 32: 2015-07-17
54: PERFUME COMPOSITIONS
00: -
A compacted perfume composition comprising at least three Performance Markers A1, each of them at a level higher than or equal to their specific Critical Compaction Concentration (CCC), respectively, the total concentration of said Performance Markers being higher than 1% by weight of the compacted perfume composition; at least one Performance Vehicle A2, the total concentration of said Performance Vehicle being higher than 10% by weight of the compacted perfume composition; and at least one Performing Diluent B1, the total concentration of said Performing Diluents being higher than 5% by weight of the compacted perfume composition.

21: 2018/00136. 22: 2016/07/22. 43: 2019/05/06
51: C25C
71: INDUSTRIE DE NORA S.P.A.
72: MOJANA, CORRADO, IACOPETTI, LUCIANO, GOZZO, ANDREA, PAGANO, ROBERTO
33: IT 31: 102015000037944 32: 2015-07-24
54: ELECTRODIC APPARATUS FOR THE ELECTRODEPOSITION OF NON-FERROUS METALS
00: -
This invention relates to electrodic apparatus suitable for the electrodeposition of nonferrous metals, for example for the electrolytic production of copper and other nonferrous metals from solutions of ions, comprising an electrode and at least one ionpermeable screen intended for protection of the said electrode.

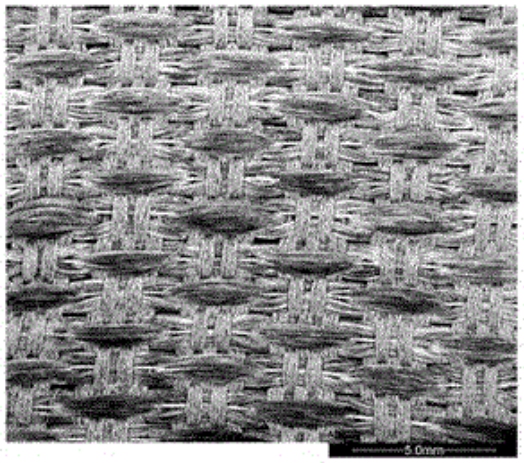


Fig. 1

21: 2018/00145. 22: 2018/01/09. 43: 2019/05/07
51: C11D
71: THE PROCTER & GAMBLE COMPANY
72: BODET, Jean-Francois, DEPOOT, Karel, Jozef, Maria, TODINI, Oreste, WALRAVENS, Wouter
33: EP 31: 15179152.2 32: 2015-07-30
54: WATER-SOLUBLE UNIT DOSE ARTICLE
00: -
A water-soluble unit dose article comprising a water-soluble film and a liquid laundry detergent composition, wherein the laundry detergent composition comprises a first anionic surfactant, a second anionic surfactant, a non-ionic surfactant, between 0.5% and 20% by weight of the detergent composition of water, wherein the weight ratio of the first amine neutralized anionic surfactant : the sum of the second amine neutralized anionic surfactant and the nonionic surfactant is between 1.3:1 and 3:1.

21: 2018/00178. 22: 2018/01/10. 43: 2019/05/07
51: C08F
71: BASF SE
72: MARGUERRE, Ann-Kathrin, RAITH, Christian, KUJAT, Christof, MARTIN, Friedrich-Georg, BADINE, Daher, Michael, GEYER, Karolin, SCHÄFER, Ansgar, NESTLE, Nikolaus, CETINKAYA, Murat, SCHREINER, Eduard, WEILER, Reiner, ZUROWSKI, Peter
33: US 31: 62/180,625 32: 2015-06-17
33: DE 31: 10 2015 211 083.4 32: 2015-06-17

54: COMPOSITION FOR IMMEDIATELY ENDING RADICAL POLYMERIZATION

00: -

The invention relates to a composition for immediately ending radical polymerization containing: a) an inhibitor of the radical polymerization selected from among phenothiazines, b) an aprotic solvent, and c) an ionic liquid. Said composition serves to stabilize radically polymerizable monomers against radical polymerization. In order to immediately end radical polymerizations, the composition is added to a radically polymerizing system.

21: 2018/00184. 22: 2016/06/13. 43: 2019/05/06
51: A61K
71: INTAS PHARMACEUTICALS LTD.
72: SEHGAL, ASHISH, CHAUHAN, MANISHKUMAR, PATEL, MANISHKUMAR, PANDYA, KAVAN, BHIMANI, RUSHABH
33: IN 31: 2280/MUM/2015 32: 2015-06-13

54: EXTENDED RELEASE CAPECITABINE CAPSULES

00: -

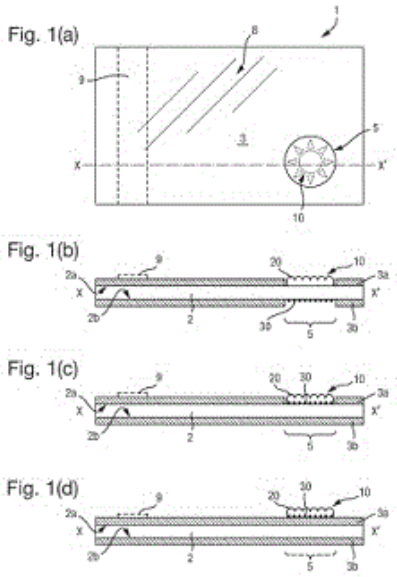
The present invention relates to an extended release capsules comprising multiple units of Capecitabine, wherein the dissolution of Capecitabine from the said composition is extended up to 12 hours. Further the present invention discloses process for the preparation of the said composition.

21: 2018/00190. 22: 2016/07/11. 43: 2019/05/06
51: B42D
71: DE LA RUE INTERNATIONAL LIMITED
72: HOLMES, BRIAN WILLIAM , GODFREY, JOHN, CORNES, IAN, O'MALLEY, JOHN, COMMANDER, LAWRENCE GEORGE
33: GB 31: 1512118.9 32: 2015-07-10

54: METHODS OF MANUFACTURING SECURITY DOCUMENTS AND SECURITY DEVICES

00: -

A method of manufacturing a security document is disclosed, comprising: providing a polymer substrate having first and second surfaces; and, in any order: (a)applying an array of focussing elements to the first surface of the polymer substrate across a first region; (b)forming an image array comprising a pattern of a first curable material, by: (b)(i) providing a die form, the die form having a surface comprising an arrangement of raised areas and recessed areas defining the pattern;(b)(ii) applying a first curable material to the surface of the die form such that said first curable material substantially fills the recessed areas;(b)(iii) bringing a pattern support layer in contact with the surface of the die form such that it covers the recessed areas; (b)(iv)separating the pattern support layer from the surface of the die form such that the first curable material in the recessed areas is removed from said recessed areas and retained on the pattern support layer in accordance with the pattern; and(b)(v)during and/or after step (b)(ii), at least partly curing the first curable material in one or more curing steps; wherein either the pattern support layer comprises the polymer substrate or step (b) further comprises applying the pattern support layer to the polymer substrate, such that the image array is located in a plane spaced from the array of focussing elements by a distance substantially equal to the focal length of the focussing elements whereby the focussing elements exhibit a substantially focussed image of the image array; and applying at least one opacifying layer to the first and/or second surfaces of the polymer substrate, the or each opacifying layer comprising a non-transparent material, wherein either the image array is located between the array of focussing elements and the at least one opacifying layer on the first surface of the substrate, or at least the opacifying layer(s) on the first surface of the substrate define a gap forming a window region in which at least part of the array of focussing elements is disposed such that a substantially focussed image of at least part of the image array is displayed in the window region.



21: 2018/00239. 22: 2018/01/12. 43: 2019/05/14
51: C08F; C10M
71: Sasol Performance Chemicals GmbH
72: HERZOG, Oliver, SCHERF, Sabine, RUFFMANN, Michael, BREUER, Wolfgang
33: EP(DE) 31: 15178148.1 32: 2015-07-23
54: USE OF POLYMERIC ADDITIVES FOR PARAFFIN-CONTAINING FLUIDS
00: -
The present invention is concerned with the use of polymeric additives for paraffin-containing fluids as pour point depressants and low temperature flow improvers, wherein the polymers comprise styrene and maleic acid dialkyl ester building blocks.

21: 2018/00243. 22: 2016/07/01. 43: 2019/05/06
51: B05B
71: DÜRR SYSTEMS AG
72: HERRE, FRANK, MICHELFELDER, MANFRED, BAUMANN, MICHAEL, HERRMANN, SASCHA, SEIZ, BERNHARD, BUCK, THOMAS
33: DE 31: 102015008658.8 32: 2015-07-03
33: DE 31: 102015010158.7 32: 2015-08-05
54: APPLICATOR, IN PARTICULAR ROTARY ATOMIZER
00: -
The invention relates to an applicator (RZ), in particular a rotary atomizer, for the application of a coating agent, in particular a two-component paint, comprising a first coating agent connection (SL) for feeding a first coating agent, in particular a basic resin of a two-component paint, a first coating agent strand (L1-L4), which extends in the applicator (RZ) from the first coating agent connection (SL) and carries the first coating agent, and a first valve (SLV1), which is arranged in the first coating agent strand (L1-L4) and controls the flow of the first coating agent, wherein the first valve (SLV1) can be controlled by a first control signal. It is proposed that a first pressure-relief valve (SLV1), which is actuated by its own medium, is arranged in the first coating agent strand (L1 - L4) and, to avoid a problem being caused by excessive pressure, opens automatically when the pressure upstream of the first pressure-relief valve (SLV1) exceeds a certain maximum pressure.

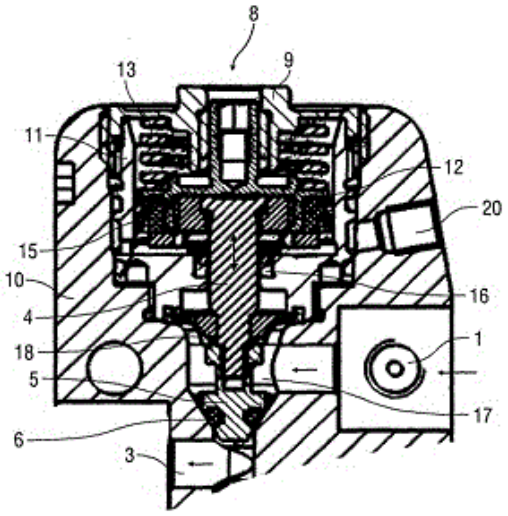


Fig. 2

21: 2018/00244. 22: 2016/04/29. 43: 2019/05/06
51: F16K; B05B
71: DÜRR SYSTEMS AG
72: HERRE, FRANK, MICHELFELDER, MANFRED, BAUMANN, MICHAEL, MELCHER, RAINER, BUCK, THOMAS
33: DE 31: 10 2015 008 661.8 32: 2015-07-03
54: NEEDLE VALVE
00: -
The invention relates to a needle valve for controlling of fluid flow of a coating medium (H, SL) in a coating system, in particular for controlling a flow of a two-component mixture of two coating medium components (H, SL), in particular a two-component lacquer made of an original lacquer (SL) and a hardener (H), having a valve seat (7) and a displaceable valve needle (4) having a needle shaft

and a needle head (5), wherein the needle head (5) closes the valve seat (7) in a closed position of the valve needle (4), whereas the needle head (5) exposes the valve seat (7) in an open position of the valve needle (4). According to the invention a flexible diaphragm (18) is present, which surrounds the valve needle (4) upstream of the needle head (5) annularly and in a sealing manner.

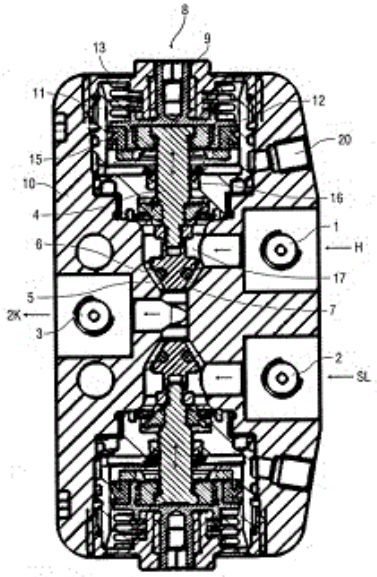


Fig. 1B

21: 2018/00246. 22: 2016/07/01. 43: 2019/05/06
51: F41G; F41A
71: SAFRAN ELECTRONICS & DEFENSE
72: THIEFFRY, ROLAND
33: FR 31: 1556304 32: 2015-07-03
54: MOTOR-DRIVEN AIMING DEVICE AND METHOD
00: -
The invention relates to a method for controlling a motor-driven aiming device, comprising the steps of slaving the control of the motor according to a difference between a nominal speed set point and a measurement of the angular speed sensor; and, in the event of saturation, determining a corrective value for the nominal speed set point according to a deviation between a reference inertial position prior to the saturation and a current inertial position, and applying the corrective value to the nominal speed set point. The invention also relates to an aiming device for implementing said method.

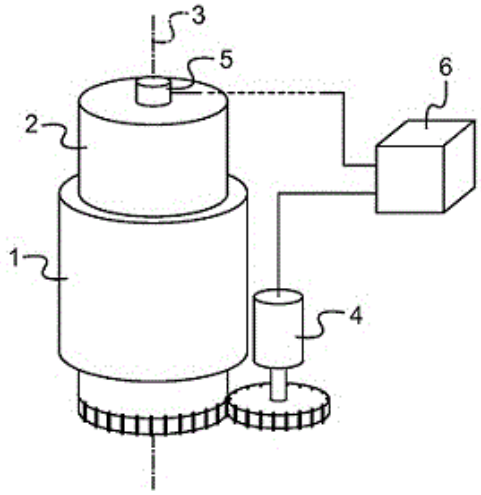


Fig. 1

21: 2018/00260. 22: 2018/01/15. 43: 2019/05/07
51: A47J
71: Nestec S.A.
72: OZANNE, Matthieu, MARTIN, Olivier, VUAGNIAUX, Didier
33: EP(CH) 31: 15172425.9 32: 2015-06-16
54: BEVERAGE PRODUCTION SYSTEM USING CAPSULES
00: -
The invention concerns beverage production system comprising a capsule (10) and a module (1) for producing a beverage from the capsule, the capsule (10) comprising an enclosure (10a) and a rim (10b), and the module (2) comprising a first capsule engagement member (3), which can be displaced relative to a second, co-operating capsule engagement member (2d) between a capsule discharge position and a beverage production position, and the displaceable first capsule engagement member (3) comprises holding means configured for holding the capsule within, the module comprising at least two means (7, 7a, 7b) for engaging the rim of the capsule extending beyond the first capsule engagement member when the first capsule engagement member (3) is displaced from the beverage production position to its capsule discharge position, and wherein the holding means are discrete hooks (341, 342) configured to engage with the rim (10b) of the capsule, and the retaining means are configured so that, during the displacement of the first capsule engagement

member (3) from the beverage production position to its capsule discharge position, one (7b) of the two engaging means engages the rim of the capsule before the other engaging mean (7a).

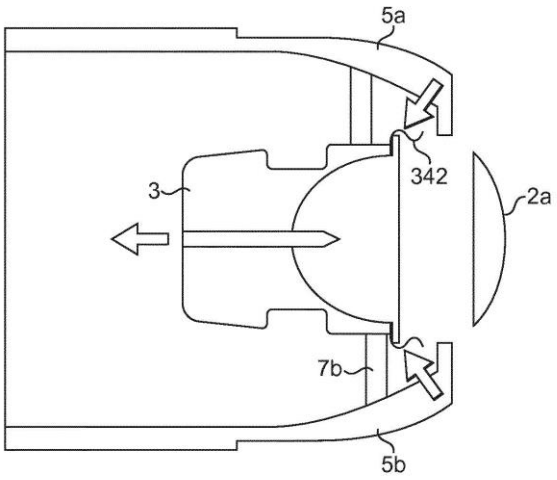


FIG. 8d

21: 2018/00278. 22: 2014/05/02. 43: 2019/05/06
51: B65D
71: OWENS-BROCKWAY GLASS CONTAINER INC.
72: GRANT, EDWARD A
33: US 31: 13/892,775 32: 2013-05-13
54: SEAL RING FOR FOIL-SEALING A CONTAINER
00: -
An aspect of the invention concerns a method of assembling a container and a seal ring. In the method at least a portion of the container is heated to a predetermined temperature sufficient to cause at least a portion of the seal ring to melt when coupled to the container. The seal ring is coupled to the container, when the container is at the predetermined temperature, such that a portion of the seal ring melts and conforms to a sealing surface of the container. In the coupling step a projection of the seal ring is aligned with an opening in the sealing surface of the container and the seal ring is pressed onto the container to press the projection into the opening in the sealing surface.

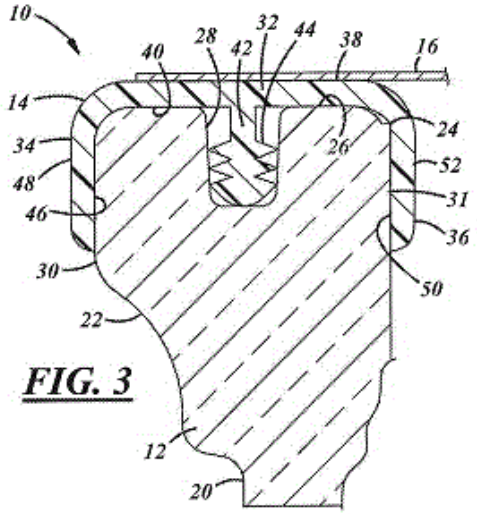


FIG. 3

21: 2018/00284. 22: 2018/01/16. 43: 2019/05/07
51: G01N
71: Gentian Diagnostics AS
72: SUNDREHAGEN, Erling
33: NO 31: 20150960 32: 2015-07-23
54: METHOD FOR ASSESSING CELL SURFACE RECEPTORS OF BLOOD CELLS
00: -
The present invention relates to a novel method for rapid assessment of one or more subclasses of blood cells of interest (BCol), as for example CD4+ cells and CD8+ cells, in a liquid whole blood sample or a sample derived therefrom; a method of determining the cell count for such cells; a method for determining the CD4/CD8 ratio; a method for determining the quantity of such receptors in a sample; as well as a vertical flow assay device for performing such assessment.

21: 2018/00285. 22: 2018/01/16. 43: 2019/05/06
51: A61K
71: Zoetis Services LLC
72: DOMINOWSKI, Paul Joseph, MWANGI, Duncan, RAI, Sharath K., FOSS, Dennis L., GODBEE, Traci K., SLY, Laurel Mary, MAHAN, Suman, VORA, Shaunak
33: US 31: 62/194,355 32: 2015-07-20
54: LIPOSOMAL ADJUVANT COMPOSITIONS
00: -
The invention provides a liposomal adjuvant composition comprising an external membrane and an internal compartment, the external membrane

comprising: a quaternary ammonium compound; a sterol; a phospholipid; and a glycolipid, Vaccine compositions comprising the liposomal adjuvant of the instant invention are also provided.

21: 2018/00292. 22: 2016/06/16. 43: 2019/05/06
51: C08L; D21C
71: SAPPI NETHERLANDS SERVICES B.V.
72: BALLET, WIM, CANTEKIN, SEDA, DUARTE, GUSTAVO, MOMIN, SASCHI, SIMONS, JO
33: EP 31: 15172621.3 32: 2015-06-17
54: SOLVENT EXCHANGE COMPOSITIONS
00: -
The present invention provides for a dispersion containing cellulose particles dispersed in a continuous liquid phase comprising a first and a second continuous liquid phase, wherein the first continuous liquid phase consists of a liquid swelling agent or an aqueous solution of said liquid swelling agent, and the second continuous liquid phase comprises, preferably consists of, one or more organic solvents, with the proviso that the one or more organic solvents of the second continuous liquid phase are not capable of dissolving cellulose, have a boiling point higher than the boiling point of the first continuous liquid phase, and are miscible with the constituents of the swelling composition.

21: 2018/00293. 22: 2016/07/29. 43: 2019/05/14
51: B26D; G01N
71: DOW AGROSCIENCES LLC
72: BUIT, TYLER, RAPIER, BRANDON SCOTT, FREDERICKSEN, ERIC, SETLUR, PRADEEP, RUEGGAR, MAX O, CRASTA, OSWALD R, RAM, RAGHAV, MARRI, PRADEEP R, PARTHASARTHY, NAVEEN KUMAR, UBAYASENA, LASANTHA CHANDANA
33: US 31: 62/199,468 32: 2015-07-31
54: SEED SAMPLING SYSTEM AND METHOD
00: -
A method system/apparatus for the streamlined cutting of seeds to sample the seeds and select seeds for planting is disclosed. A method of sampling seeds using such system/apparatus is also provided. The seeds are manually positioned and cut by a serrated cutting tool.

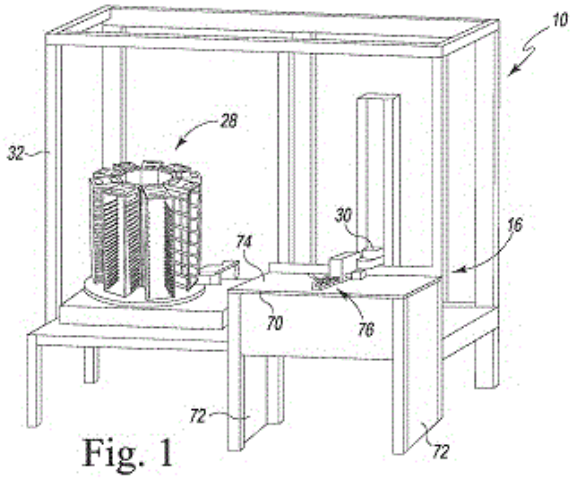


Fig. 1

21: 2018/00304. 22: 2018/01/16. 43: 2019/05/07
51: E04G
71: POLYTECH GMBH
72: HOLLMANN, Kai
33: DE 31: 10 2013 107 303.4 32: 2013-07-10
54: FORMWORK PANEL FOR CONCRETING FORMWORKS
00: -
A formwork panel for concreting formworks which has a support structure and a separate formwork lining connected to the support structure, characterized in that the support structure consists essentially of plastics; and in that the formwork lining, which is formed by a single formwork lining element made essentially of plastics or by a plurality of formwork lining elements which are each made essentially of plastics, is detachably connected to the support structure.

21: 2018/00305. 22: 2018/01/16. 43: 2019/05/07
51: E04G
71: POLYTECH GMBH
72: HOLLMANN, Kai
33: DE 31: 10 2013 107 303.4 32: 2013-07-10
54: FORMWORK PANEL FOR CONCRETING FORMWORKS
00: -
A formwork panel for concreting formworks which has a support structure and a separate formwork lining connected to the support structure, characterized in that the support structure consists

essentially of plastics; and in that the formwork lining, which is formed by a single formwork lining element made essentially of plastics or by a plurality of formwork lining elements which are each made essentially of plastics, is detachably connected to the support structure.

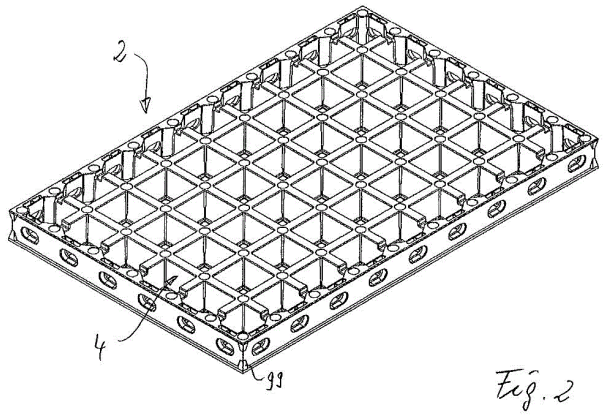


Fig. 2

21: 2018/00337. 22: 2016/07/11. 43: 2019/05/06
51: B29C; B29K
71: KEIRYO PACKAGING SA
72: ROBBRECHT, JOHAN
33: EP 31: 15176180.6 32: 2015-07-09
54: A METHOD FOR MANUFACTURING A POLYESTER BASED POLYMER ARTICLE
00: -
The present invention relates to a method enabling either the selection, the modification of existing and/or the creation of newly developed polyester based polymer materials which may provide an improved response to the application of a local shear and/or extensional deformation inside the polyester based polymer melt in injection stretch blow molding (ISBM). In addition, a method for manufacturing a polymer article is provided comprising injecting a molten polyester based polymer in a preform mold for converting it in a preform while applying a shear and/or extensional deformation on the polyester based polymer melt, wherein applying shear and/or extensional deformation on the polyester based polymer melt comprises selectively modifying the flow path of the molten polymer as a function of local pressure profile over at least part of the flow path, said local pressure profile being determined as a function of optimized response of the polyester based polymer melt to the applied local shear and/or extensional deformation over at least said part of the flow path.

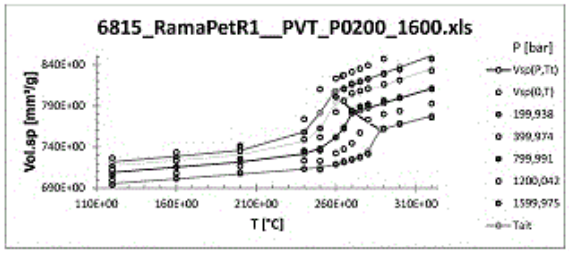


FIG 1

21: 2018/00350. 22: 2015/01/09. 43: 2019/05/06
51: A61K
71: SYNTHON BIOPHARMACEUTICALS B.V.
72: DOKTER, WILLEM, GOEDINGS, PETER JOHANNES, VERHEIJDEN, GIJSBERTUS FRANCISCUS MARIA, BEUSKER, PATRICK HENRY
33: EP 31: 14150791.3 32: 2014-01-10
33: EP 31: 14188450.2 32: 2014-10-10
54: DUOCARMYCIN ADCS SHOWING IMPROVED IN VIVO ANTITUMOR ACTIVITY
00: -
The present invention relates to duocarmycin-containing antibody-drug conjugates (ADCs) for use in the treatment of human solid tumours expressing HER2, in particular bladder cancer. In particular, the present invention relates to duocarmycin-containing ADCs for use in the treatment of human solid tumours with HER2 IHC 2+ or 1+ and HER2 FISH negative tissue status.

21: 2018/00351. 22: 2018/01/18. 43: 2019/05/15
51: A61H; A61L
71: MEDIZONE CC
72: SKAR, REYNO ALEXANDER
33: ZA 31: 2016/08649 32: 2016-12-14
54: OZONIZING MASSAGING DEVICE
00: -
THIS invention relates to an ozonizing massaging device and more particularly, but not exclusively, to an ozonizing massaging device that can be used for massaging, air purification and water sterilisation. The massaging device includes a body having a cavity provided therein, a massaging formation which is displaceably secured relative to the body, and a vibration inducing device located inside the cavity of the body, wherein the vibration inducing device is coupled to the massaging formation. A first ozone generating device is located inside the cavity, with an ozone outlet conduit extending from an outlet

of the first ozone generating device to a surface of the massaging formation.

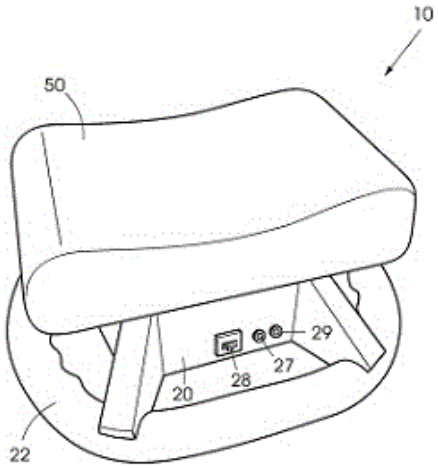


Fig. 1

21: 2018/00386. 22: 2013/04/02. 43: 2019/05/17
51: G02F; E06B; G09G
71: VIEW, INC.
72: BROWN, STEPHEN C
33: US 31: 13/449,251 32: 2012-04-17
33: US 31: 13/449,248 32: 2012-04-17
54: CONTROLLER FOR OPTICALLY-SWITCHABLE WINDOWS
00: -
This disclosure provides a window controller that includes a command- voltage generator configured to generate a command voltage signal. The window controller also includes a power- signal generator configured to generate a power signal based on the command voltage signal. The power signal is configured to drive an optically- switchable device on a substantially transparent substrate. In some embodiments, the power- signal generator is configured to generate a power signal having a power profile that includes one or more power profile portions, each power profile portion having one or more voltage or current characteristics.

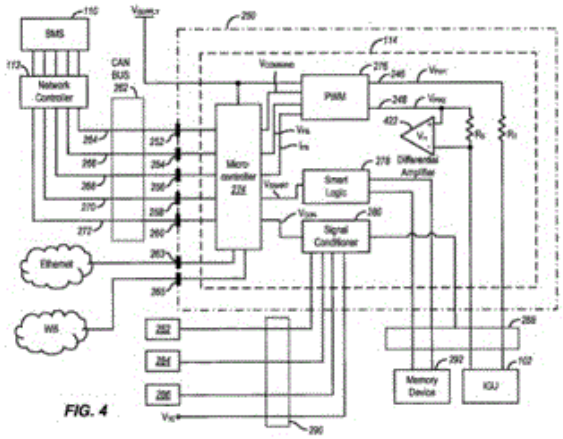
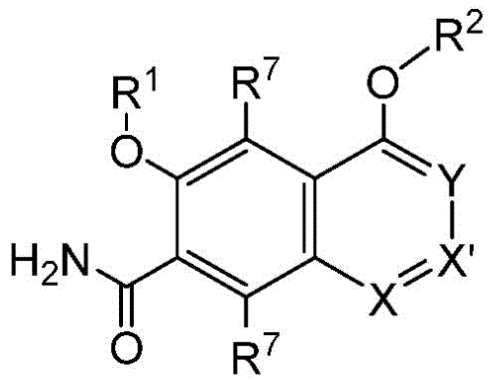


FIG. 4

21: 2018/00388. 22: 2018/01/19. 43: 2019/05/07
51: A61K; A61P; C07D
71: PFIZER INC.
72: HEPWORTH, David, HAN, Seungil, ZAPF, Christoph Wolfgang, DEHNHARDT, Christoph Martin, GAVRIN, Lori Krim, LEE, Katherine Lin, LOVERING, Frank Eldridge, MATHIAS, John Paul, SAIAH, Eddine, STROHBACH, Joseph Walter, WRIGHT, Stephen Wayne, ALLAIS, Christophe, Philippe, LEE, Arthur, OWEN, Dafydd, Rhys, PAPAIOANNOU, Nikolaos, TRZUPEK, John, David
33: US 31: 62/210,573 32: 2015-08-27
54: BICYCLIC-FUSED HETEROARYL OR ARYL COMPOUNDS AS IRAK4 MODULATORS
00: -
Compounds, tautomers and pharmaceutically acceptable salts of the compounds are disclosed, wherein the compounds have the structure of Formula Ia, as defined in the specification. Corresponding pharmaceutical compositions, methods of treatment, methods of synthesis, and intermediates are also disclosed.



Ia

21: 2018/00398. 22: 2018/01/19. 43: 2019/05/07
51: A61K
71: Bharat Biotech International Limited
72: ELLA, Krishna Murthy, KUMAR, Ashawani, RAMASWAMY, Venkatesan, MURTHY, Voleti Subrahmanya Ramachandra
33: IN 31: 3426/CHE/2015 32: 2015-07-04
54: POLYSACCHARIDE VACCINE FORMULATIONS AND PROCESSES FOR INDUSTRIAL PRODUCTION OF BACTERIAL POLYSACCHARIDES
00: -

The present invention relates to the field of combined vaccine compositions which are effective against all forms of meningococcal diseases as well as typhoid fever. The vaccine formulations comprising antigens from capsular polysaccharides of *Neisseria meningitidis A, Neisseria meningitidis C, Neisseria meningitidis Y, Neisseria meningitidis* W135, *Neisseria meningitidis X, Salmonella typhi* Vi capsular polysaccharide (ViPs) or capsular ViPs conjugated to a carrier protein tetanus toxoid (ViPs-TT). This invention is also related to improved methods, especially the use of an improved feed media and an improved method of downstream processing and industrial purification of capsular polysaccharides. The vaccine is free of any animal component or alcohol and is in absolute compliance with respect to the religious sentiments of various ethnic groups. The composition is highly effective and stable, yet cost-effective and affordable, especially for lower-middle income and low-income countries.

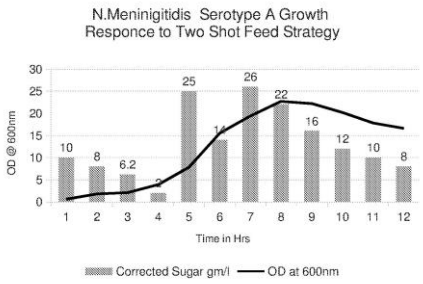


Fig-1 Growth Kinetics of *N. meningitidis* serotype A 200L fermentation batch taken with two Shot feeding strategy.

21: 2018/00408. 22: 2018/01/19. 43: 2019/05/10
51: F16B
71: Rdo Alpha
72: RODRIGUES DE OLIVEIRA, Carlos
33: FR 31: 1556929 32: 2015-07-22
54: BOLT WITH RESTRAINED UNSCREWING
00: -

The invention relates to a bolt (1) with restrained unscrewing composed of a screw (2) and a nut (3), said screw (2) or said nut (3) comprising, in the axial direction, at least three stepped portions of continuous thread (4), namely an introduction portion (5) for introducing the screw (2) into the nut (3), a restraining portion (6) and an intermediate portion (7) linking the introduction portion (5) to the restraining portion (6), characterised in that said restraining portion (6) has a thread diameter (41) that is constant and different from the thread diameter (42) of the introduction portion (5).

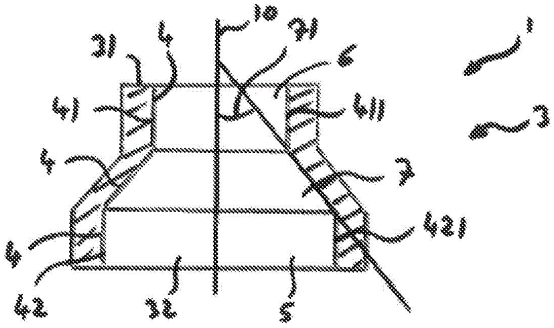


Fig. 1

21: 2018/00415. 22: 2016/06/21. 43: 2019/05/07
51: B01D
71: VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT
72: THYSELL, FILIP, SVENSSON, EMIL, SVENSSON, KJELL-ÅKE, LARSSON, PER
33: SE 31: 1550862-5 32: 2015-06-23
54: FILTER PANEL WITH STRUCTURES SUPPORT GRID AND DRUM FILTER WITH SAID FILTER PANEL
00: -
The invention relates to a filter panel (1) for a drum filter (2) which is used for filtering off solid particles from a liquid. The filter panel (1) comprises a first side (3) being adapted to be attached to a drum (4) of said drum filter (2), a second side (5) being adapted to receive a filter cloth (6), and a plurality of through holes (7) extending from said first side (3) to said second side (5), each hole (7) defining one or more side walls (8). The filter panel (1) is characterized in that at least one of said holes (7) comprises an inclined side wall (8). The invention also relates to a drum filter (2) for filtering liquid.

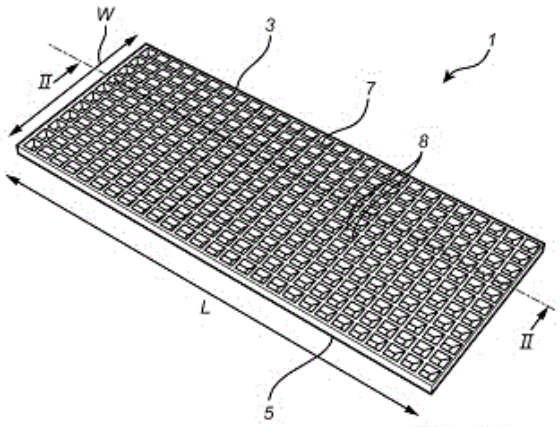


Fig. 2a

21: 2018/00417. 22: 2016/08/10. 43: 2019/05/07
51: A61K; A01N; A61Q
71: UNILEVER PLC
72: PRICE, PAUL DAMIEN
33: EP 31: 15181851.5 32: 2015-08-20
54: IMPROVED LACTAM SOLUBILITY
00: -
Compositions comprising lactams and biosurfactants, suitable for use as antimicrobial, anti-biofilm and bacteriostatic compositions.

21: 2018/00433. 22: 2014/09/26. 43: 2019/05/07
51: G06Q
71: MASTERCARD INTERNATIONAL INCORPORATED
72: NOE, JAMES C, COWEN, MICHAEL J, FIELD, JASON, GEORGE, SAGITHA, ROBERTS, DAVID A
33: GB 31: 1317479.2 32: 2013-10-02
54: TRANSACTION SYSTEMS AND ASSOCIATED METHODS FOR ENCHANCED ACCOUNT BALANCE AND STATUS MANAGEMENT
00: -
The invention relates to a computer implemented method of handling funds on a payment account, a transaction processing system and a payment account manager. The method includes the steps of receiving a first message from a first terminal indicating that a specified amount of funds are required; and sending a second message to the first terminal indicating that the required funds are not available. The method further includes the steps of receiving a third message from a top up terminal

indicating that funds have been added to the payment account; sending a fourth message to the first terminal indicating that there are now sufficient funds in the payment account; receiving data from the first terminal; and sending the data to the top up terminal to be written to a payment account payment means.

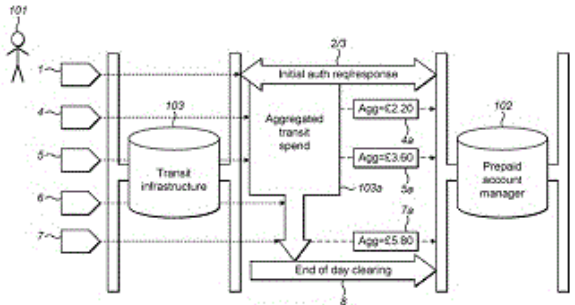


FIG. 2

21: 2018/00438. 22: 2018/01/22. 43: 2019/05/07
51: A61N
71: Johnson & Johnson Consumer Inc.
72: TAPPER, Jay, BLAUSTEIN, Lawrence A., SHUTER, David, ALTHOFF, Charles Peter, CRADDOCK, Bradley Feild
33: US 31: 14/747,145 32: 2015-06-23
54: LIGHT THERAPY SPOT APPLICATOR
00: -
Photo therapy systems comprising a therapeutic lamp platform for radiant lamps such as LEDs disposed in a holdable spot applicator assembly, the holdable spot applicator assembly including a reflective surface facing towards a patient and a plurality of LEDs for communicating lamp radiation from the lamps to a user. The lamps and associated circuitry are housed within a holdable elongated structure.

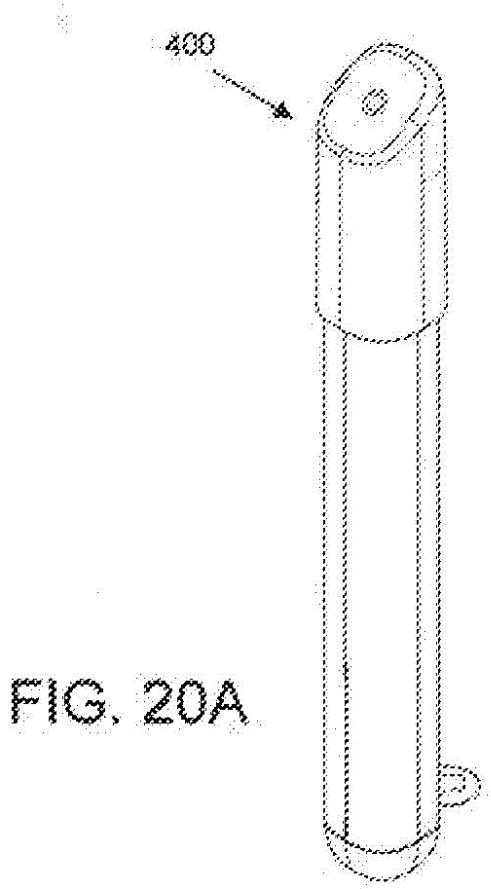


FIG. 20A

21: 2018/00439. 22: 2018/01/22. 43: 2019/05/24
51: A61B; A61N
71: Johnson & Johnson Consumer Inc.
72: TAPPER, Jay, SHUTER, David, ALTHOFF, Charles Peter, CRADDOCK, Bradley Feild
33: US 31: 14/747,220 32: 2015-06-23
54: LIGHT THERAPY PLATFORM UNIVERSAL POWER SOURCE AND CONTROLLER
00: -
Disclosed is a therapeutic lamp platform controller. According to an exemplary embodiment of this disclosure, provided is a controller comprising a power source, a control circuit operatively connected to the power source, the control circuit including one or more outputs to drive one or more radiant lamps associated with a therapeutic lamp platform, a user display, and a user control switch, the control circuit configured to control one of a plurality of therapeutic lamp platforms, each lamp platform including a plurality of radiant lamps including a unique mixed combination of different wavelength radiant energy

disposed to communicate the radiant energy to a user treatment area.

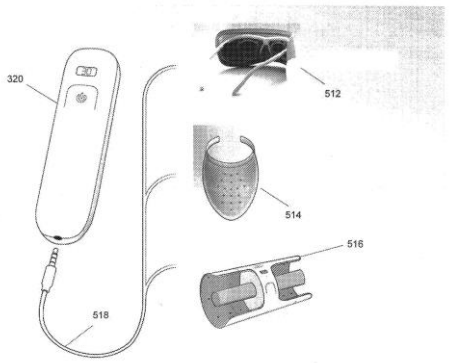


FIG. 29

21: 2018/00440. 22: 2018/01/22. 43: 2019/05/17
51: A01N; A01P; A61K; A61L
71: Colgate-Palmolive Company
72: LESNIAK, Ewelina, POTECHIN, Kathy
54: PRESERVATIVE SYSTEM BASED ON ORGANIC ACIDS
00: -
Discloses a preservative system for personal care products comprising citric acid, lactic acid, benzoic acid and gluconic acid, and compositions and methods of preserving personal care compositions using said system.

21: 2018/00441. 22: 2018/01/22. 43: 2019/05/13
51: A61K; A61Q
71: Colgate-Palmolive Company
72: PILLAI, Shyamala, HASSAN, Mahmoud
54: TOOTH WHITENING ORAL CARE COMPOSITION
00: -
The present invention provides an oral care system comprising (a) a first composition comprising: (i) a peroxide-containing whitening agent; and (ii) at least one silicone polymer, and (b) a second composition comprising a polymer selected from polysaccharides, acrylate polymers, acrylamide polymers, and a mixture of any two or more thereof; wherein the first composition and the second composition are maintained separately from one another. The present invention also provides a method of whitening teeth using the oral care system.

21: 2018/00446. 22: 2018/01/22. 43: 2019/05/07
51: A61N
71: Johnson & Johnson Consumer Inc.
72: TAPPER, Jay, BLAUSTEIN, Lawrence A., SHUTER, David, ALTHOFF, Charles Peter, DING, Lulin
33: US 31: 14/747,464 32: 2015-06-23
54: HAIR GROWTH LIGHT THERAPY DEVICE
00: -
Disclosed is a therapeutic lamp platform hair growth device. According to an exemplary embodiment, disclosed is a phototherapy device comprising a wearable therapeutic lamp platform including a plurality of radiant lamps and a reflective wall disposed to communicate radiant energy from the plurality of radiant lamps to a user treatment area including a scalp of the user, and the wearable lamp platform including a headband operatively associated with supporting the plurality of radiant lamps and reflective wall above the user's scalp.

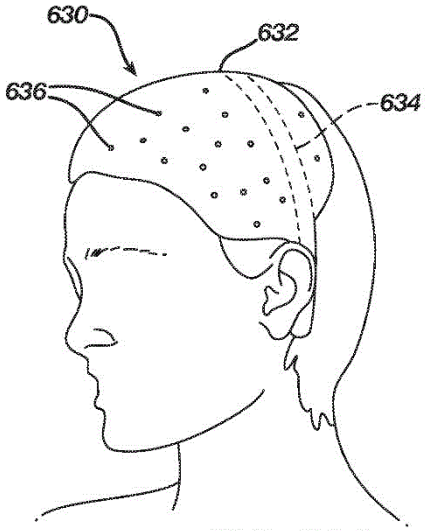
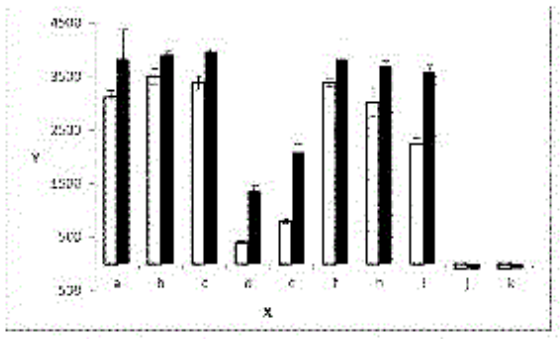


FIG. 39A

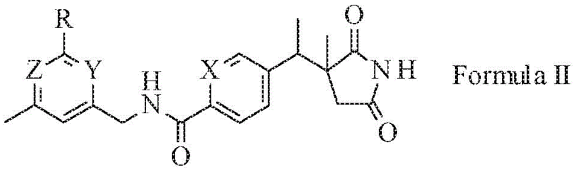
21: 2018/00449. 22: 2018/01/22. 43: 2019/05/07
51: A61K; A61P
71: Bayer Pharma Aktiengesellschaft
72: LERCHEN, Hans-Georg, CANCHO GRANDE, Yolanda, STELTE-LUDWIG, Beatrix, SOMMER, Anette, MAHLERT, Christoph, REBSTOCK, Anne-Sophie, GREVEN, Simone, GRIEBENOW, Nils, TEBBE, Jan, KENSCH, Oliver
33: EP(DE) 31: 15173488.6 32: 2015-06-23
54: TARGETED CONJUGATES OF KSP INHIBITORS
00: -
The invention relates to site specific homogeneous binder drug conjugates of kinesin spindle protein inhibitors, to active metabolites of these conjugates,

to processes for preparing these conjugates, to the use of these conjugates for the treatment and/or prophylaxis of diseases and to the use of these conjugates for preparing medicaments for treatment and/or prevention of diseases, in particular hyperproliferative and/or angiogenic disorders such as, for example, cancer diseases. Such treatments can be carried out as monotherapy or else in combination with other medicaments or further therapeutic measures.

Fig. 4:



21: 2018/00452. 22: 2018/01/22. 43: 2019/05/07
51: A61K; A61P; C07D
71: Eli Lilly and Company
72: COATES, David Andrew, FORTNER, Kevin Charles, MASSEY, Steven Marc, MYERS, Jason Kenneth, NAVARRO, Antonio, SIEGEL, Miles Goodman, STUCKY, Russell Dean
33: US 31: 62/203,996 32: 2015-08-12
54: CGRP RECEPTOR ANTAGONISTS
00: -
The present invention provides a compound of Formula II: or a pharmaceutically acceptable salt thereof.



Formula II

21: 2018/00463. 22: 2014/09/04. 43: 2019/05/07
51: H04W
71: NEC CORPORATION
72: FUTAKI, HISASHI
33: JP 31: 2014-015866 32: 2014-01-30
54: MACHINE-TO-MACHINE (M2M) TERMINAL, BASE STATION, METHOD, AND COMPUTER READABLE MEDIUM
00: -
A coverage enhancement capable user equipment comprising a radio transceiver configured to communicate with a base station; and a controller, wherein the controller is configured to: (i) receive, in a Physical Broadcast Channel (PBCH) from the base station, a master information block message that includes information associated with a repetition number of a Physical Downlink Shared Channel (PDSCH) carrying a system information block type 1 message for the coverage enhancement; (ii) receive, in the PDSCH from the base station, one or more system information block messages that include the system information block type 1 message for the coverage enhancement; and (iii) transmit, to the base station, a random access preamble with repetition by using one or more specific radio resources for the coverage enhancement.

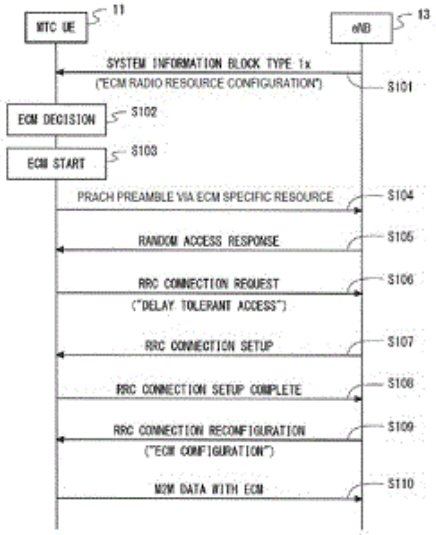


Fig. 2

21: 2018/00464. 22: 2014/09/04. 43: 2019/05/07
51: H04W
71: NEC CORPORATION
72: FUTAKI, HISASHI
33: JP 31: 2014-015866 32: 2014-01-30
54: MACHINE-TO-MACHINE (M2M) TERMINAL, BASE STATION, METHOD, AND COMPUTER READABLE MEDIUM
00: -
A User Equipment (UE) comprising a receiver configured to receive a system information block

message, the system information block message including enhanced coverage configuration information for Physical Random Access Channel (PRACH) transmission and a criterion indicating one or more Reference Signals Received Power (RSRP) threshold values to determine a coverage enhancement level. The UE further comprises a processor configured to determine the coverage enhancement level of the UE based on both the one or more RSRP threshold values and a RSRP value measured by the UE; and a transmitter configured to transmit random access preambles with repetitions using PRACH resources corresponding to the coverage enhancement level of the UE.

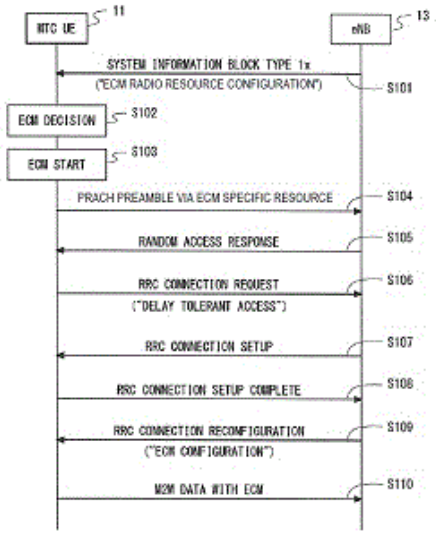


Fig. 2

21: 2018/00465. 22: 2013/06/19. 43: 2019/05/07
51: H04W
71: NEC CORPORATION
72: FUTAKI, HISASHI, AMINAKA, HIROAKI
33: JP 31: 2012-223178 32: 2012-10-05
54: RADIO COMMUNICATION SYSTEM, RADIO STATION, RADIO TERMINAL, NETWORK APPARATUS, BEARER CONTROL METHOD, AND COMPUTER READABLE MEDIUM
00: -
The invention relates to a communication system. The system includes a first radio station that operates a first cell, a second radio station that operates a second cell, a radio terminal capable of aggregating the first cell operated by the first radio station with the second cell operated by the second radio station and a mobility management node that is connected with the first radio station. The first radio station is configured to send, to the mobility management node, a request regarding a configuration of a bearer that is terminated at the second radio station and is not terminated at the first radio station. The mobility management node is configured to send a response to the request regarding the configuration of the bearer to the first radio station. The request regarding the configuration of the bearer includes a bearer identity of the bearer and a bearer endpoint identity on the second radio station.

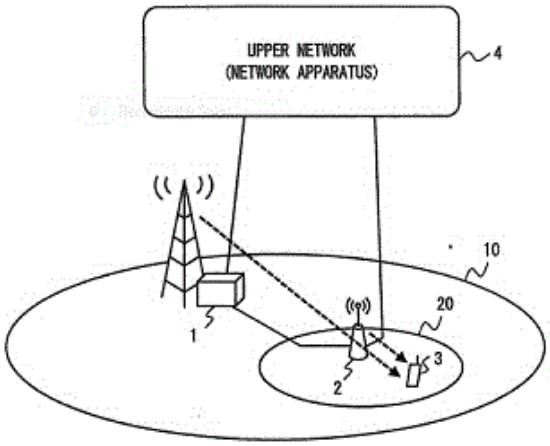


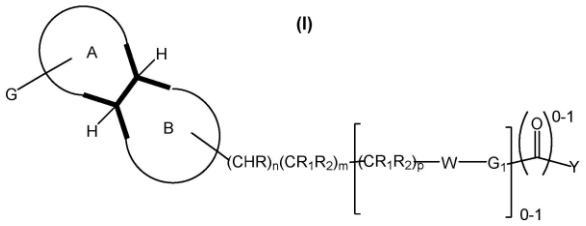
Fig. 1

21: 2018/00468. 22: 2018/01/23. 43: 2019/05/07
51: A61K; C07K
71: GLAXOSMITHKLINE INTELLECTUAL PROPERTY
72: FRANCIS, Christopher, John, GAO, Hua-Xin, YANAMANDRA, Niranjan, LI, Yufeng
33: US 31: 62/201,828 32: 2015-08-06
33: US 31: 62/322,906 32: 2016-04-15
33: US 31: 62/300,400 32: 2016-02-26
33: US 31: 62/247,488 32: 2015-10-28
54: COMBINATIONS OF AN OX40 ANTIBODY AND A TLR4 MODULATOR AND USES THEREOF
00: -
Disclosed herein are combinations of an OX40 modulator and a TLR4 modulator, pharmaceutical compositions thereof, uses thereof, and methods of treatment comprising administering said combination, including uses in cancer.

21: 2018/00483. 22: 2018/01/23. 43: 2019/05/07

51: A61K; A61P; C07D
71: Indivior UK Limited
72: CREMONESI, Susanna, MICHELI, Fabrizio, SEMERARO, Teresa, TARSI, Luca
33: GB 31: 1513871.2 32: 2015-08-05
54: DOPAMINE D3 RECEPTOR ANTAGONISTS HAVING A BICYCLO MOIETY
00: -

The disclosure provides compounds having formula (I), wherein the substituents are as defined herein. The compounds are useful for modulating the dopamine D_3 receptor and for treating conditions associated therewith, such as addictions, drug dependency, and psychiatric conditions.



21: 2018/00488. 22: 2016/07/04. 43: 2019/05/07
51: C11D; A61Q
71: UNILEVER PLC
72: AGARKHED, AJIT MANOHAR, BANKAR, PRAVIN, KUMAR, NITISH
33: EP 31: 15189703.0 32: 2015-10-14
33: EP 31: 15189709.7 32: 2015-10-14
33: IN 31: 2877/MUM/2015 32: 2015-07-29
33: IN 31: 2876/MUM/2015 32: 2015-07-29
33: EP 31: 15189707.1 32: 2015-10-14
33: IN 31: 2875/MUM/2015 32: 2015-07-29
54: CLEANSING COMPOSITION WITH IMPROVED AVAILABILITY OF BENEFIT AGENT
00: -
The present invention provides a cleansing composition comprising 10 to 30 wt% soap, 20 to 45 wt% water soluble organic solvent, 20 to 40 wt% water, 3 to 20 wt% electrolyte other than soap and a benefit agent.

21: 2018/00489. 22: 2016/06/30. 43: 2019/05/07
51: A23P; A23L
71: UNILEVER PLC
72: GENÇASLAN, ALPER, MELLEMA, MICHEL, DE OLIVEIRA, MARCELO CAMILO
33: EP 31: 15179337.9 32: 2015-07-31
54: SAVOURY CONCENTRATE COMPRISING INORGANIC SALT, FAT AND POLYSACCHARIDE GUMS
00: -
The invention relates to a savoury concentrate containing: a) 22-85 wt.% inorganic salt; b) 2-60 wt.% fat; c) 0.2-4.8 wt.% of xanthan gum; d) 0.2-4.8 wt.% polysaccharide gum selected from locust bean gum, guar gum, konjac gum and combinations thereof; e) 0-25 wt.% of glutamate component; f) 0-25 w.% starch component; g) 0-20 wt.% of sugar; h) 0-45 wt.% of vegetable matter; wherein the components a) to f) together constitute at least 55 wt.% of the savoury concentrate; and wherein the combination of xanthan gum and the polysaccharide gum is present in the savoury concentrate in a concentration of 0.6-5 wt.%. This savoury concentrate can suitably be used in the preparation of bouillon, broth, soup, sauce or gravy, and not only imparts taste and taste enhancement, but additionally improves texture of the final product.

21: 2018/00490. 22: 2016/06/30. 43: 2019/05/07
51: A23P; A23L
71: UNILEVER PLC
72: BLIJDENSTEIN, THEODORUS BEREND JAN, MELLEMA, MICHEL, DE OLIVEIRA, MARCELO CAMILO, SILVA PAES, SABRINA
33: EP 31: 15179333.8 32: 2015-07-31
54: SAVOURY CONCENTRATE COMPRISING INORGANIC SALT, FAT AND GELLAN GUM
00: -
The invention relates to a savoury concentrate containing: a) 22-85 wt.% inorganic salt; b) 2-60 wt.% fat; c) 0.8-8 wt.% of gellan gum; d) 0-25 wt.% of glutamate component; e) 0-25 w.% starch component; f) 0-20 wt.% of sugar; g) 0-45 wt.% of vegetable matter; h) 0-10 wt.% water; wherein the components a) to e) together constitute at least 55 wt.% of the savoury concentrate and wherein the components a) to h) together constitute at least 75 wt.% of the savoury concentrate. This savoury concentrate can suitably be used in the preparation of bouillon, broth, soup, sauce or gravy, and not only imparts taste and taste enhancement, but additionally improves texture of the final product.

21: 2018/00491. 22: 2015/06/24. 43: 2019/05/07
51: B01J; C09D
71: AM TECHNOLOGY LIMITED
72: BERNARDONI, MASSIMO

54: PHOTOCATALYTIC COMPOSITION BASED ON AN AERIAL BINDER AND USE THEREOF FOR THE PRODUCTION OF WATER-BASED PAINTS, IN PARTICULAR FOR INTERIOR APPLICATIONS

00: -

A photocatalytic composition comprising: (a) at least one aerial binder; (b) at least one photocatalyst; (c) at least one cellulose ether; (d) at least one fluidizing agent; (e) at least one pumice in the form of micronized powder; (f) at least one barite in the form of micronized powder. This composition can be used as water-based paint for preparing wall coatings having a very low thickness, in particular for interior applications, which guarantee a high photocatalytic effect and stable with time, even with relatively low quantities of photocatalyst, normally lower than 10% by weight. This coating also has marked inhibitory properties with respect to the growth of mold and bacteria on wall surfaces.

21: 2018/00502. 22: 2015/06/25. 43: 2019/05/07
51: G07G
71: ALBICELESTE MARITIME INC.
72: FERRARI, CARLOS ISIDORO

54: PREPRINTING METHOD AND SYSTEM OF SECURED INFORMATION FOR GAMING SYSTEM

00: -

Disclosed is a preprinting system of secured information connected to a game host device. The preprinting system includes a controller, a printer, a plurality of printer detectors, a housing, a plurality of housing detectors. The controller is configured to communicate with the game host device, and to receive a game information signal and a status checking request signal. The printer is electronically connected to the controller, which is configured to print a game draw of the game program on printable medium, and the printed printable medium is partially revealed to the player while the game result draw thereon is unknown to the player. By preprint game draw of the game program, the possibility of adulteration from the game system is eliminated, the preprinting system also provides reliability, and the verification mechanism provides information security of digital chance games to the players. An preprinting method of secured information is also disclosed.

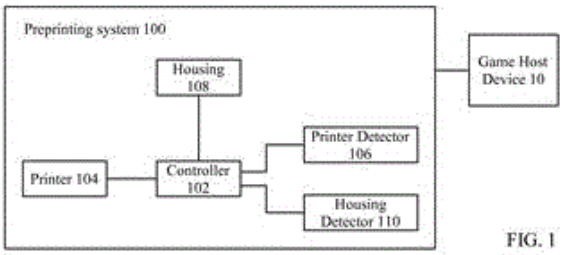


FIG. 1

21: 2018/00504. 22: 2016/08/03. 43: 2019/05/14
51: C08G
71: COATEX
72: RUHLMANN, DENIS, CORFIAS ZUCCALLI, CATHERINE, SUAU, JEAN-MARC, MATTER, YVES, MAGNY, BENOÎT
33: FR 31: 1557551 32: 2015-08-05

54: THICKENING AGENT FOR AQUEOUS SYSTEMS, FORMULATIONS CONTAINING SAME AND USES THEREOF

00: -

The invention relates to novel associative thickeners pertaining to the HEUR category (Hydrophobically-modified Ethyoxylated URethane), to intermediate aqueous formulations containing such thickeners, and to the final compositions, for example paint, lacquer, varnish or paper coating slip compositions.

21: 2018/00505. 22: 2016/06/24. 43: 2019/05/07
51: E04C
71: RENDER, STEPHEN
72: RENDER, STEPHEN
33: GB 31: 1511237.8 32: 2015-06-25

54: DEVICE FOR SPLICING REINFORCEMENT CAGES

00: -

A device (150) for splicing together a first reinforcement cage (10) and a second reinforcement cage (20), the first reinforcement cage (10) comprising a suspension band (18) adjacent one of its ends and the second reinforcement cage (20) carrying the said device (150) adjacent one of its ends, wherein the device (150) comprises: an anchoring portion (160) carried on a portion of the second reinforcement cage (20) adjacent its one end, e.g. via a bridging portion (170), and configured or configurable such that at least a portion thereof is radially spaced from the second reinforcement cage (20) so as to define a radial suspension gap (G) between the said portion and the second reinforcement cage (20), the suspension gap (G)

being configured for receiving therein the suspension band (18) on the first reinforcement cage (10) as the first and second reinforcement cages (10, 20) are spliced together; and gate means (180) constructed and arranged so as to be selectively configurable in either an open configuration, in which the suspension band (18) on the first reinforcement cage (10) can be inserted into or received in the suspension gap (G) via the gate means (180), or a closed configuration in which the suspension band (18) on the first reinforcement cage (10), once located in the suspension gap (G), is prevented from being removed therefrom via the gate means (180), wherein the gate means (180) is moveable between its open and closed configurations by virtue of at least a portion thereof being moveable by pivoting.

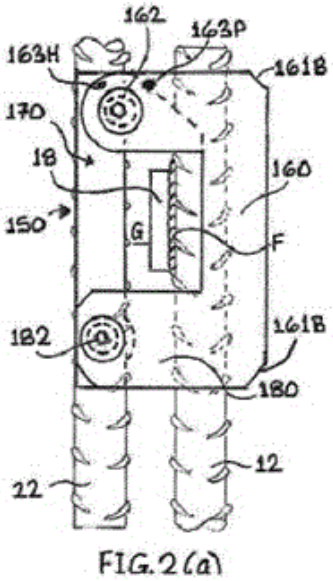
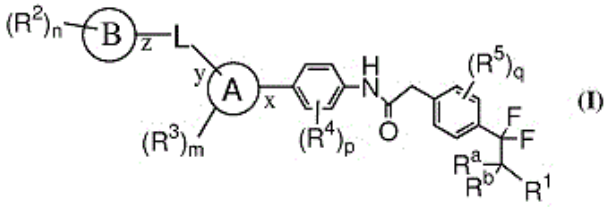


FIG. 2(a)

21: 2018/00506. 22: 2016/08/02. 43: 2019/05/07
51: C07D; A61K; A61P
71: GLENMARK PHARMACEUTICALS S.A.
72: DAS, SANJIB, GHARAT, LAXMIKANT ATMARAM, HARDE, RAJENDRA LAXMAN, SHELKE, SANDEEP YADUNATH, PARDESHI, SHAILESH RAMESH, THOMAS, ABRAHAM, KHAIRATKAR-JOSHI, NEELIMA, SHAH, DAISY MANISH, BAJPAI, MALINI
33: IN 31: 2930/MUM/2015 32: 2015-08-03
54: NOVEL COMPOUNDS AS ROR GAMMA MODULATORS
00: -
The present disclosure is directed to compounds of formula (I) and pharmaceutically acceptable salts thereof, wherein ring A, ring B, L, R^1, R^2, R^3, R^4, R^5, R^a, R^b, n, m, p and q are as defined herein, which are active as modulators of retinoid-related orphan receptor gamma t (RORγt). These compounds prevent, inhibit, or suppress the action of RORγt and are therefore useful in the treatment of RORγt mediated diseases, disorders, syndromes or conditions such as, e.g., pain, inflammation, COPD, asthma, rheumatoid arthritis, colitis, multiple sclerosis, psoriasis, neurodegenerative diseases and cancer.


(I)

21: 2018/00507. 22: 2016/06/30. 43: 2019/05/07
51: A23P; A23L
71: UNILEVER PLC
72: BLIJDENSTEIN, THEODORUS BEREND JAN, MELLEMA, MICHEL, OLIVEIRA, MARCELO CAMILO DE, ORTEGA GALINDO, MARTHA
33: EP 31: 15179331.2 32: 2015-07-31
54: SAVOURY CONCENTRATE COMPRISING INORGANIC SALT, FAT AND CARBOXYMETHYL CELLULOSE
00: -
The in invention relates to a savoury concentrate containing: a) 22-85 wt.% inorganic salt; b) 2-60 wt.% fat; c) 1.8-12 wt.% of carboxymethyl cellulose; d) 0-25 wt.% of glutamate component; e) 0-25 w.% starch component; f) 0-20 wt.% of sugar; g) 0-45 wt.% of vegetable matter; h) 0-10 wt.% water; wherein the components a) to e) together constitute at least 55 wt.% of the savoury concentrate and wherein the components a) to h) together constitute at least 75 wt.% of the savoury concentrate. This savoury concentrate can suitably be used in the preparation of bouillon, broth, soup, sauce or gravy, and not only imparts taste and taste enhancement, but additionally improves texture of the final product.

21: 2018/00511. 22: 2018/01/24. 43: 2019/05/14
51: A61K
71: Eli Lilly and Company
72: AKERS, Michael Patrick, CHRISTE, Michael Edward, HARDY, Thomas Andrew, MAJUMDAR, Ranajoy, NGUYEN, Chi A., PAAVOLA, Chad D.,

SARIN, Virender Kumar, SCHULTE, Nanette Elizabeth
33: US 31: 62/210,469 32: 2015-08-27
54: RAPID-ACTING INSULIN COMPOSITIONS
00: -
The invention is a pharmaceutical composition of human insulin or insulin analog that includes citrate, treprostinil and stabilizing agents, that has faster pharmacokinetic and/or pharmacodynamic action than commercial formulations of existing insulin analog products and that is stable for commercial use.

21: 2018/00516. 22: 2018/01/24. 43: 2019/05/14
51: B65D
71: Shanghai Hongyan Returnable Transit Packagings Co., Ltd.
72: JIAN, Yuanli
33: CN 31: 201510359362.4 32: 2015-06-25
54: CONTAINER
00: -
A container (10) comprises a base (41), side panels (40) and a cover (30). The side panels (40) are connected to the base (41). The cover (30) is locked onto the tops of the side panels (40) through a locking device. The locking device comprises automatic locks (50) and manual locks (60). The automatic locks (50) are arranged on the two opposite sides of the cover (30), and the manual locks (60) are arranged on the other two sides of the cover. The automatic locks (50) and the manual locks (60) are both adopted on the cover (30) and used in cooperation with a tilting-prevention device, thus the container (10) has the tilting-prevention effect, the stacking and supporting effect, and the locking and unlocking guiding and return guiding effect. The locking strength is increased, and the convenience in locking operation and unlocking operation is improved.

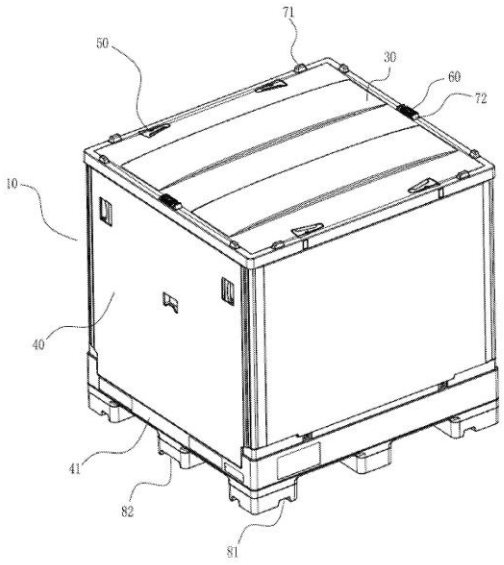


图 1

21: 2018/00536. 22: 2018/01/25. 43: 2019/05/23
51: C07K; C12N; C12P
71: Chugai Seiyaku Kabushiki Kaisha
72: IGAWA, Tomoyuki, MAEDA, Atsuhiko, NAKAMURA, Genki, MURAOKA, Masaru
33: JP 31: 2015-185254 32: 2015-09-18
54: IL-8-BINDING ANTIBODIES AND USES THEREOF
00: -
One nonexclusive aspect provides novel IL-8 antibodies that are superior as pharmaceuticals.

21: 2018/00540. 22: 2015/10/15. 43: 2019/05/14
51: G01N
71: SHENZHEN UNIVERSITY
72: LU, SHAOPING, XU, CHEN, DI, ZHENYU, LI, FEIPENG
54: METHOD AND SYSTEM OF JEWELRY QUALITY IDENTIFICATION BASED ON MULTI-SPECTRUM ANALYSIS
00: -
A method and a system of jewelry quality identification based on multi-spectrum analysis. The identification system comprises a multi-spectrum scanning system (10), a spectrum analysis module (20) and a three-dimensional entity perspective imaging module (30). The method comprises: (1) adopting a multi-spectrum scanning technology to realize penetrable complete scanning for jewelry to

be tested; (2) analyzing a material composition, proportion and size of each component of an object to be tested, as well as a position of each component in the object to be tested according to spectrum information obtained by scanning, providing a complete quantitative analysis report at the same time, and determining the category and grade of a jewelry finished product to be tested and raw materials thereof so as to realize identification for jewelry quality according to a corresponding jewelry evaluation standard; and (3) generating a three-dimensional entity perspective image with a digital image technology according to the obtained information about the object to be tested so as to be used for appreciation by consumers or recreation design by artists. The method with a wide practicability and high accuracy improves the jewelry identification efficiency.

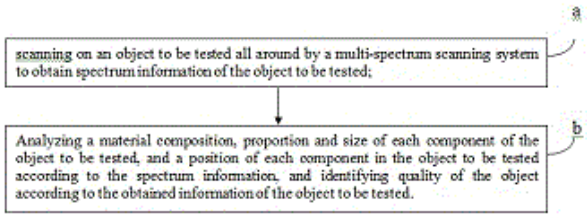


FIG. 1

21: 2018/00543. 22: 2016/08/18. 43: 2019/05/14
51: C08L; B65D; C08K; C11D; B29C
71: UNILEVER PLC
72: STARCK, PIERRE, MORRIS, PETER JOHN
33: EP 31: 15181711.1 32: 2015-08-20

54: CLEANING AGENT CONTAINER

00: -

A water-soluble cleaning agent container comprising a rigid container body, wherein the rigid container body is made of a water-soluble polymer material comprising a water-soluble polymer and at least 15% by weight of a hygroscopic salt, a cleaning product including the water-soluble cleaning agent container, and use of the cleaning product to clean an item.

21: 2018/00544. 22: 2016/09/23. 43: 2019/05/14
51: A47J
71: JURA ELEKTROAPPARATE AG
72: SAHLI, GEORG, PROBST, STEPHAN, BÜTTIKER, PHILIPP, STUDER, REINHARD
33: EP 31: 15405057.9 32: 2015-09-24

54: METHOD FOR GENERATING A COFFEE BEVERAGE IN A BREWING DEVICE OF AN AUTOMATIC COFFEE MACHINE AND AUTOMATIC COFFEE MACHINE FOR IMPLEMENTING THE METHOD

00: -

The invention relates to a method for generating a coffee beverage in a brewing device (30) of an automatic coffee machine (10), and an automatic coffee machine (10) for implementing the method for generating a coffee beverage. With the goal of achieving a high quality of a coffee beverage obtained by the brewing process at different degrees of grinding of the ground material, the solution according to the invention provides that pressurized brewing water is supplied at a brewing water inlet (35) of the brewing device (30) according to a first brewing water supply mode during a first supply time period (ΔT1), and that a brewing water parameter is determined, during a second supply time period (ΔT2), which correlates with the volume flow (Q, Q3) and/or with the pressure (P, P3) of the supplied brewing water, and a mode adjustment variable is set for a second brewing water supply mode using the brewing water parameter, and that brewing water is supplied at the brewing water inlet (35) during the second supply time period (ΔT2) according to the second brewing water supply mode, wherein the mode adjustment variable defines at least one continuous mode for the second brewing water supply mode, in which the brewing water is continuously supplied, and a pulse mode for the second brewing water supply mode, in which the brewing water is supplied in pulses. The setting of the mode adjustment variable for the second brewing water supply mode comprises – depending on the brewing water parameter – at least one selection between the continuous mode for the second brewing water supply mode and the pulse mode for the second brewing water supply mode.

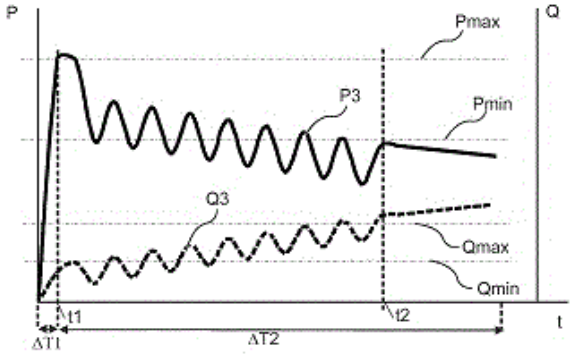


Fig. 13

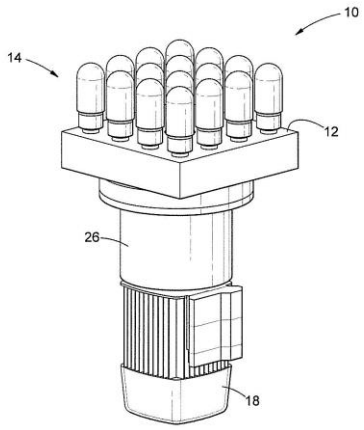


FIGURE 1

21: 2018/00550. 22: 2018/01/26. 43: 2019/07/01
51: A61H
71: DE SWARDT, Hendrik
72: DE SWARDT, Hendrik
33: ZA 31: 2017/00747 32: 2017-01-31
54: A MASSAGE APPARATUS AND SYSTEM
00: -
According to the invention there is provided a massage apparatus and system. The apparatus comprises a rigid base plate having a plurality of contact units projecting therefrom and a driven shaft arranged perpendicular to the base plate. The shaft has a first portion with a first centre line about which the shaft is permitted to rotate, and a second portion having a second centre line offset from the first centre line by a distance, and which second portion is rotatably received by the rigid base plate. In use, rotation of the shaft about the first centre line causes the rigid base to describe a circle having a radius equal to the offset distance causing movement of the contact units relative to the person to be massaged. The system has a main frame for supporting the body of a person to be massaged and at least one massage apparatus as described.

21: 2018/00556. 22: 2018/01/26. 43: 2019/05/14
51: H04N
71: NOKIA TECHNOLOGIES OY
72: LAAKSONEN, Lasse, LEHTINIEMI, Arto, TAMMI, Mikko, VILERMO, Miikka
33: EP 31: 15174926.4 32: 2015-07-02
54: GEOGRAPHICAL LOCATION VISUAL INFORMATION OVERLAY
00: -
A method comprising causing display of a first visual information that is a view from a first geographical location, receiving, by the apparatus, an indication of availability of a second visual information that is a view from a second geographical location, the second geographical location being in a first direction from the first geographical location, determining a position in the first visual information that corresponds with the first direction, and causing display of at least a portion of the second visual information such that the portion of the second visual information overlays the first visual information at the position in the first visual information is disclosed.

21: 2018/00557. 22: 2018/01/26. 43: 2019/05/14
51: H04L
71: NOKIA TECHNOLOGIES OY
72: SCHOBER, Karol, ENESCU, Mihai, KOKKONEN, Mikko, Tapio
33: US 31: 62/187,891 32: 2015-07-02
54: APPARATUS AND METHOD FOR REUSING EXISTING CONSTELLATION FOR SUPERPOSED TRANSMISSION
00: -

One embodiment is directed to a method comprising deciding to multiplex the data of at least two users within a super-constellation; determining the power split ratio among the at least two users; selecting a super-constellation; and based on the determined power split ratio, choosing a subset of the super-constellation points forming the superposition of modulation constellations of the at least two users.

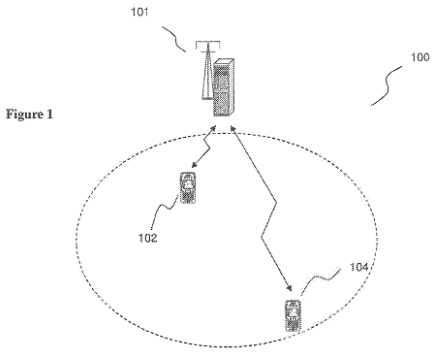


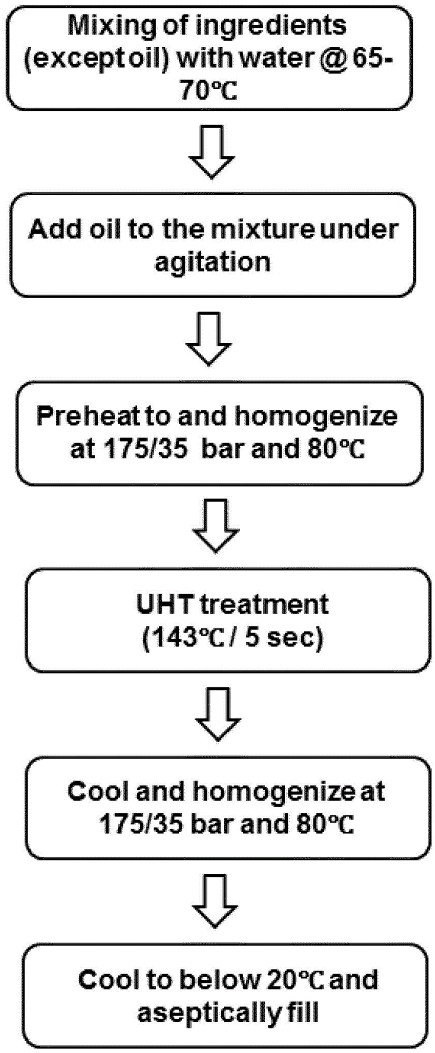
Figure 1

21: 2018/00565. 22: 2018/01/26. 43: 2019/05/24
51: A61K; A61Q
71: Colgate-Palmolive Company
72: ROBBINS, Kyle, PILLAI, Shyamala, SMITH-WEBSTER (Deceased), Kimdra, NESTA, Jason
54: ANHYDROUS TOOTH WHITENING COMPOSITIONS COMPRISING CETYLPYRIDINIUM CHLORIDE
00: -
Disclosed herein are a tooth whitening compositions comprising at least one hydrophobic polymer carrier; cetylpyridinium chloride; and at least one whitening agent, wherein the composition is free of water. Also disclosed herein are methods for reducing microbial growth on the surface of an oral care device comprising contacting the oral care device with saliva and a tooth whitening composition comprising at least one hydrophobic polymer carrier; cetylpyridinium chloride; and at least one whitening agent, wherein the composition is free of water.

21: 2018/00571. 22: 2016/07/28. 43: 2019/05/14
51: C12N
71: ALNYLAM PHARMACEUTICALS, INC.
72: ZIMMERMANN, TRACY, CHAN, AMY, JADHAV, VASANT, MAIER, MARTIN, RAJEEV, KALLANTHOTTATHIL G
33: US 31: 62/287,518 32: 2016-01-27
33: US 31: 62/199,563 32: 2015-07-31
54: TRANSTHYRETIN (TTR) IRNA COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING OR PREVENTING TTR-ASSOCIATED DISEASES
00: -
The present invention provides iRNA agents, e.g., double stranded iRNA agents, that target the transthyretin (TTR) gene and methods of using such iRNA agents for treating or preventing TTR-associated diseases.

21: 2018/00584. 22: 2018/01/29. 43: 2019/05/14
51: A23C; A23L
71: Nestec S.A.
72: FU, Jun-Tse, BURNS, Sue, SHER, Alexander A.
33: US 31: 62/186,963 32: 2015-06-30
54: CREAMERS WITH IMPROVED TEXTURE/MOUTHFEEL AND METHOD OF MAKING THEREOF
00: -
The present invention relates to beverage products, in particular a liquid non-dairy creamer composition comprising unsaturated high oleic oils; caseinate salts; emulsifiers; and wherein further characterized in that the creamer comprises hydrocolloids comprising lambda-carrageenan, high acyl gellan gum and carboxymethyl cellulose wherein the lambda-carrageenan ranges from 0.02 to 0.1 wt/wt%, high acyl gellan gum ranges from 0.23 to 0.28 wt/wt%, and carboxymethyl cellulose ranges from 0.04 to 0.12 wt/wt% of the creamer.

Fig. 1. Schematic process diagram



21: 2018/00589. 22: 2018/01/29. 43: 2019/05/16
51: A61M
71: Novo Nordisk A/S
72: HARALDSTED, Mie, FREDERIKSEN, Morten Revsgaard, MELANDER, Matias, NIELSEN, Christian Højris, HINDE, Graham, KAMP, Bas, HAKKIM, Roshan
33: EP(DK) 31: 15182290.5 32: 2015-08-25
54: A MEDICAL INJECTION DEVICE WITH A CLEANING CHAMBER
00: -
The invention relates to an injection device for injecting a liquid drug. The injection device comprises a housing assembly supporting a non-removable cartridge having an interior chamber containing the liquid drug to be injected and a reusable needle cannula connected to the cartridge. A needle shield assembly provided with a cleaning chamber containing a volume of a cleaning agent for cleaning at least the distal tip of the needle cannula between subsequent injections is further provided. The needle shield assembly is axially movable in a proximal direction in relation to the housing assembly from a first position to a second position upon rotation of at least a part of the needle shield assembly, wherein the first position is a position in which the distal tip of the needle cannula is located inside the cleaning chamber thereby cleansing the distal tip of the needle cannula, and the second position is a position in which the distal tip of the needle cannula is located outside and distal to the cleaning chamber for equalizing the pressure in the cartridge.

21: 2018/00601. 22: 2016/06/23. 43: 2019/05/14
51: A61K; C07D
71: NEURAD LTD.
72: DAX, SCOTT L, MENCEL, JAMES JOSEPH, OZOLA, VITA, SUNA, EDGARS, SHUBIN, KIRILL
33: US 31: 62/328,277 32: 2016-04-27
33: US 31: 62/186,468 32: 2015-06-30
54: NOVEL BREATHING CONTROL MODULATING COMPOUNDS, AND METHODS OF MAKING AND USING SAME
00: -
The present invention includes compounds that are useful in the prevention and/or treatment of breathing control diseases or disorders in a subject in need thereof. The present invention also includes a method of preventing and/or treating a respiratory disease or disorder in a subject in need thereof, comprising administering to the subject a therapeutically effective amount of a compound and/or composition of the invention. The present invention further includes a method of preventing destabilization or stabilizing breathing rhythm in a subject in need thereof, comprising administering to the subject a therapeutically effective amount of a compound and/or composition of the invention.

FIG. 1A

Solubility and Solid Formation Behavior as Function of Salt Former, Stoichiometric Ratio, Solvent, and Temperature

Salt Former (pKa)	MTB	MIBK	EtOAc	iPrOAc	Water	Heptane	MTBE	Cyclohexane	Toluene	MeOH	EtOH	nPrOH	iPrOH	nBuOH	2-BuOH	tAmOH	THF	ACN
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
H_2SO_4 (-3.0 +1.2 -10)	1 (C) 1 (mT)	1 (C) 1 (mT)	1 (SL) 1 (mT)	1 (SL) 1 (mT)	1 (C) 1 (mT)	1 (SL) 1 (mT)	1 (C) 1 (mT)	1 (SL) 1 (mC)	1 (SL) 1 (mT)	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) PS (mT) X	1 (C) PS (mT) X	1 (C) PS (mT) X	1 (C) PS (mT) X	1 (C) PS (mT) X	1 (C) PS (mT) X	1 (SL) 1 (mC) 1 (mC)
H_2SO_4 (2:1 +1.2 -10)	1 (C) 1 (mT)	1 (C) 1 (mT)	1 (SL) 1 (mC)	1 (SL) 1 (mT)	PS (SL) 5 (mT) X	1 (C) 1 (mT)	1 (C) 1 (mT)	1 (SL) 1 (mC)	1 (SL) 1 (mT)	PS (SL) 5 (mC) X	1 (SL) 5 (mC) X	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) 5 (mC) X	1 (SL) 1 (mC) 1 (mC)
HCl (3:1 +1.0 -7)	1 (C) PS (mT)	1 (C) 1 (mT)	1 (SL) 1 (mC)	1 (SL) 1 (mT)	1 (C) 5 (mT) X	1 (C) 1 (mT)	1 (C) 1 (mT)	1 (SL) 1 (mC)	1 (SL) 1 (mT)	PS (SL) 5 (mC) X	1 (SL) 5 (mC) X	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) PS (mT) X	1 (SL) 5 (mC) X
HCl (2:1 +1.0 -7)	1 (C) 1 (mT)	1 (C) 1 (mT)	1 (SL) 1 (mC)	1 (SL) 1 (mT)	PS (SL) 5 (mT) X (pL)	1 (C) 1 (mT)	1 (C) 1 (mT)	1 (SL) 1 (mC)	1 (SL) 1 (mT)	PS (SL) 5 (mC) X	PS (SL) 5 (mC) X	1 (C) PS (mT) X	1 (C) PS (mT) X	1 (C) PS (mT) X	1 (C) PS (mT) X	1 (C) PS (mT) X	1 (C) PS (mT) X	1 (SL) 1 (mC) 1 (mC)
SSA/HCl (2:1 +1.0)	1 (C) 1 (mT)	1 (C) 1 (mT)	1 (SL) 1 (mC)	1 (SL) 1 (mT)	S (L)	1 (C) 1 (mT)	1 (C) 1 (mT)	1 (SL) 1 (mC)	1 (SL) 1 (mT)	PS (SL) 5 (mC) X	PS (SL) 5 (mC) X	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) PS (mT) X	1 (C) 5 (mC) X	1 (C) 5 (mC) X	1 (SL) 5 (mC) X
SSA/HCl (1:1 +1.0)	1 (C) 1 (mT)	1 (C) 1 (mT)	1 (SL) 1 (mC)	1 (SL) 1 (mT)	S (L)	1 (C) 1 (mT)	1 (C) 1 (mT)	1 (SL) 1 (mC)	1 (SL) 1 (mT)	PS (SL) 5 (mC) X	PS (SL) 5 (mC) X	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) 5 (mT) X	1 (C) 5 (mC) X	1 (C) 5 (mC) X	1 (SL) 5 (mC) X
HBF4 (2:1 +1.54)	S (L)	S (L)	S (SL)	PS (SL) S (vT) X	PS (SL) 5 (mT) (pC) X	1 (C) 1 (mT)	PS (SL) S (mT) X	1 (SL) 5 (mT) (mT)	S (L)	S (L)	S (SL)	S (SL)	S (SL)	S (SL)	S (SL)	S (SL)	S (SL)	S (SL)

(1) = room temperature (mT) = reflux S = soluble PS = partially soluble I = insoluble X = solids observed

21: 2018/00603. 22: 2016/07/28. 43: 2019/05/14
51: G01F
71: SENTEC LTD.
72: DAMES, ANDREW NICHOLAS, HAYTON, CARL MARTIN
33: GB 31: 1515159.0 32: 2015-08-26
33: GB 31: 1513271.5 32: 2015-07-28
54: ELECTROMAGNETIC FLOW SENSOR
00: -
An electromagnetic flow sensor for an electromagnetic flow meter (201) is disclosed. The sensor comprises a body (204) or frame, a flow passage (252) through the body or frame, a part of a magnetic circuit (248, 295) supported by the body or frame for applying a magnetic field across the flow passage, and at least first and second electrodes (298) supported by the body or frame, the at least first and second electrodes arranged to sense a voltage in response to a conductive fluid flowing through the flow passage. At least a portion of the body supporting the magnetic circuit part and the at least first and second electrodes is configured to be insertable into a flow tube (206) through a single aperture in the flow tube.

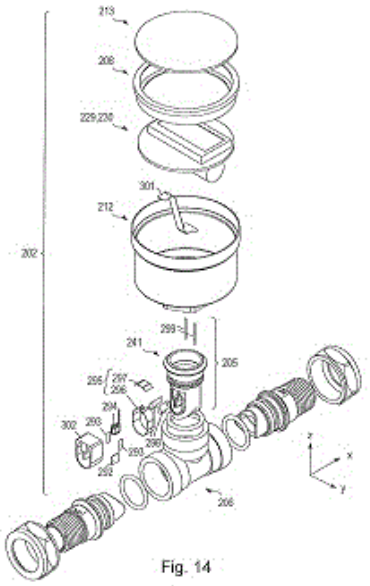


Fig. 14

21: 2018/00604. 22: 2016/06/29. 43: 2019/05/14
51: C11D
71: UNILEVER PLC
72: BARNE, SAMEER KESHAV, BHATTACHARYA, ARPITA, GOYAL, RICHA SURESHCHAND, MEDEPALLI, SRILAXMI VENKATA, NAIR, ROHINI SUKUMARAN, PANCHANATHAN, ANANDH
33: EP 31: 15179340.3 32: 2015-07-31
54: HARD SURFACE TREATMENT COMPOSITION
00: -
The present invention is in the field of hard surface treatment compositions; and in particular relates to cleaning compositions that can provide long lasting hygiene to hard surfaces. It is therefore an object of the invention to provide a stable acidic hard surface treatment composition with hydrophobic properties that provides prolonged hygiene benefits to hard surfaces. It has been found that specific water soluble non- ionic polymers having a specific molecular weight can stabilise silane in an acidic composition.

21: 2018/00606. 22: 2016/07/12. 43: 2019/05/14
51: B01J; C10G
71: JOHNSON MATTHEY PUBLIC LIMITED COMPANY
72: ANTONINI, ALEJANDRO MARTIN, MERCER, RICHARD JOHN, RUIZ ADAN, JOSE ANGEL
33: GB 31: 1513471.1 32: 2015-07-30
54: SILICA-MODIFIED CATALYST SUPPORTS
00: -

A method for preparing a silica-modified catalyst support is described comprising: (i) applying an alkyl silicate solution to a porous support material in an amount to produce a silica content of the silica-modified catalyst support, expressed as Si, in the range 0.25 to 15% by weight, (ii) drying the resulting silicate-modified support and recovering a first alcoholic solution, (iii) optionally treating the dried silicate-modified support with water,drying the resulting water-treated support and recovering a second alcoholic solution, and (iv) calcining the dried material to form the silica-modified catalyst support, wherein the first alcoholic solution contains≤10 vol% water and at least a portion of the first alcoholic solution is mixed with alkyl silicate to form the alkyl silicate solution.

21: 2018/00607. 22: 2016/06/30. 43: 2019/05/14
51: A23P; A23L
71: UNILEVER PLC
72: LEMMERS, MARC, MELLEMA, MICHEL, DE OLIVEIRA, MARCELO CAMILO
33: EP 31: 15179332.0 32: 2015-07-31
54: SAVOURY CONCENTRATE COMPRISING INORGANIC SALT, FAT AND HETEROPOLYSACCHARIDE GUM
00: -
The invention relates to a savoury concentrate containing: a) 22-85 wt.% inorganic salt; b) 2-60 wt.% fat; c) 1.5-10 wt.% of heteropolysaccharide gum selected from galactomannan, glucomannan and combinations thereof; d) 0-25 wt.% of glutamate component; e) 0-25 w.% starch component; f) 0-20 wt.% of sugar; g) 0-45 wt.% of vegetable matter; h) 0-10 wt.% water; wherein the components a) to e) together constitute at least 55 wt.% of the savoury concentrate and wherein the components a) to h) together constitute at least 75 wt.% of the savoury concentrate. This savoury concentrate can suitably be used in the preparation of bouillon, broth, soup, sauce or gravy, and not only imparts taste and taste enhancement, but additionally improves texture of the final product.

21: 2018/00610. 22: 2016/07/04. 43: 2019/05/07
51: C11D; A61Q
71: UNILEVER PLC
72: AGARKHED, AJIT MANOHAR, BANKAR, PRAVIN, KUMAR, NITISH
33: EP 31: 15189707.1 32: 2015-10-14
33: IN 31: 2875/MUM/2015 32: 2015-07-29
33: IN 31: 2876/MUM/2015 32: 2015-07-29
33: IN 31: 2877/MUM/2015 32: 2015-07-29
33: EP 31: 15189703.0 32: 2015-10-14
33: EP 31: 15189709.7 32: 2015-10-14
54: LOW TOTAL FATTY MATTER (TFM) ANTIMICROBIAL CLEANSING BAR
00: -
The present invention provides an antimicrobial cleansing bar composition comprising 10 to 30 wt% soap, 20 to 45 wt% water soluble organic solvent, 20 to 40 wt% water, 3 to 20 wt% electrolyte other than soap and an antimicrobial agent.

21: 2018/00621. 22: 2018/01/30. 43: 2019/05/14
51: H04W
71: Huawei Technologies Co., Ltd.
72: SHAO, Jiafeng, QU, Bingyu, LI, Qiang
54: POWER CONFIGURATION METHOD, USER EQUIPMENT AND BASE STATION
00: -
This application provides a power configuration method, user equipment, and a base station, where the method includes: when the UE sends data to a first network side device over a first channel and to a second network side device over a second channel, determining that the first channel separately overlaps the second channel and a third channel, where an overlap exists between a first portion of a first subframe j in which the first channel is located and a second subframe i in which the second channel is located; an overlap exists between a second portion, other than the first portion, of the first subframe j and a first portion of a third subframe i+1 in which the third channel is located; and the third subframe i+1 is a next subframe of the second subframe i; and allocating, according to priorities of the first channel and the second channel, first transmit power to the first subframe j and second transmit power to the second subframe i, where the first transmit power is less than or equal to a first power upper limit, a sum of the first transmit power and the second transmit power is less than or equal to a first threshold, and a sum of third transmit power of the third subframe i+1 and the first power upper limit is less than or equal to a second threshold.

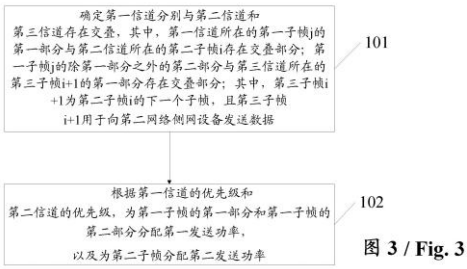


图 3 / Fig. 3

101 DETERMINING THAT A FIRST CHANNEL SEPARATELY OVERLAPS A SECOND CHANNEL AND A THIRD CHANNEL, THE FIRST PART OF A FIRST SUBFRAME J WHERE THE FIRST CHANNEL EXISTS OVERLAPPING A SECOND SUBFRAME I WHERE THE SECOND CHANNEL EXISTS, THE SECOND PART, OTHER THAN THE FIRST PART, OF THE FIRST SUBFRAME J OVERLAPPING THE FIRST PART OF A THIRD SUBFRAME I+1 WHERE THE THIRD CHANNEL EXISTS, THE THIRD SUBFRAME I+1 BEING A SUBFRAME NEXT TO THE SECOND SUBFRAME I, AND THE THIRD SUBFRAME I+1 BEING USED TO TRANSMIT DATA TO A SECOND NETWORK SIDE DEVICE

102 ACCORDING TO THE PRIORITIES OF THE FIRST CHANNEL AND THE SECOND CHANNEL, ALLOCATING A FIRST TRANSMISSION POWER FOR THE FIRST AND SECOND PARTS OF THE FIRST SUBFRAME, AND ALLOCATING A SECOND TRANSMISSION POWER FOR THE SECOND SUBFRAME

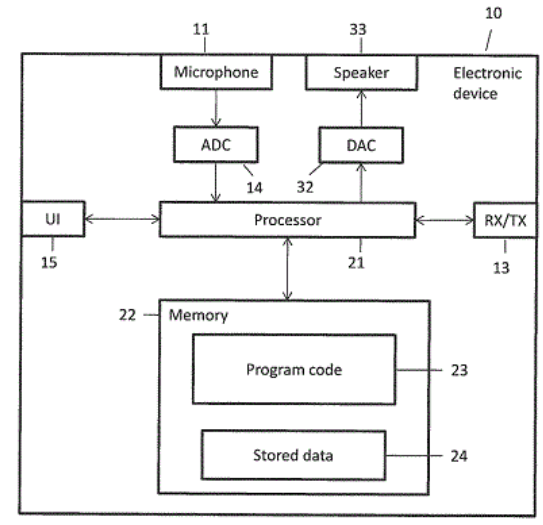
21: 2018/00626. 22: 2018/01/30. 43: 2019/05/07
51: G10L H03M
71: NOKIA TECHNOLOGIES OY
72: VASILACHE, Adriana, RAMO, Anssi, Sakari, LAAKSONEN, Lasse, Juhani

54: BIT ERROR DETECTOR FOR AN AUDIO SIGNAL DECODER

00: -

A method comprising: receiving lattice vector quantised parameter data, the parameter data representing at least one audio signal; determining within the data at least one bit error; and controlling the decoding of the data to generate an audio signal based on the determining of the bit error.

Figure 1



21: 2018/00636. 22: 2015/12/08. 43: 2019/05/07
51: C07C
71: DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES
72: LIU, HONGCHAO, ZHU, WENLIANG, NI, YOUMING, LIU, YONG, LIU, ZHONGMIN, WANG, LINYING, TIAN, PENG
33: CN 31: 201510426698.8 32: 2015-07-20

54: LOWER FATTY CARBOXYLIC ACID ALKYL ESTER PRODUCTION METHOD

00: -

The present invention provides a lower fatty carboxylic acid alkyl ester production method. The method comprises: performing carbonylation of alkyl ether (R_1-O-R_2) and a feed gas comprising carbonic oxide (CO) on a catalysator of an acid EMT zeolite molecular sieve, to obtain fatty acid alkyl ester (R_1-COO-R_2), R_1 and R_2 independently indicating C_1-C_4 alkyl groups respectively. The present invention provides a new method for producing lower fatty acid alkyl ester. The method is performed with the existence of an acid EMT zeolite molecular sieve serving as a catalysator, reaction activity is high, stability is obviously improved, and an industrial production requirement can be met.

21: 2018/00637. 22: 2015/12/08. 43: 2019/05/07
51: C07C
71: DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES
72: LIU, HONGCHAO, ZHU, WENLIANG, LIU, YONG, NI, YOUMING, LIU, ZHONGMIN, WANG, LINYING, TIAN, PENG
33: CN 31: 201510427090.7 32: 2015-07-20

54: METHYL ACETATE PREPARATION METHOD

00: -

The present invention provides a methyl acetate preparation method. The method comprises: performing carbonylation of dimethyl ether and a feed gas comprising carbonic oxide and hydrogen on a catalysator of an acid EMT-structure zeolite molecular sieve, to obtain methyl acetate. The present invention provides a new method for producing methyl acetate. The method is performed with the existence of an acid EMT zeolite molecular sieve serving as a catalysator, reaction activity is high, stability is obviously improved, and an industrial production requirement can be met.

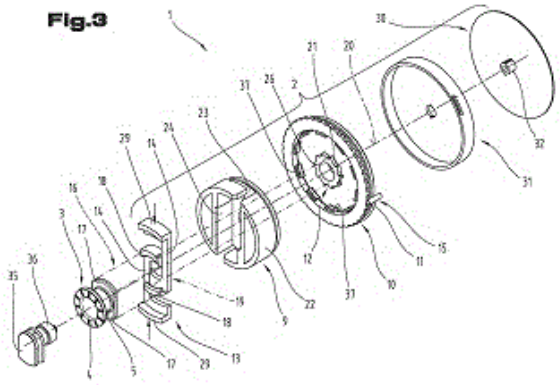
21: 2018/00639. 22: 2016/08/04. 43: 2019/05/14
51: A61K; A61Q; A01N
71: UNILEVER PLC
72: PRICE, PAUL DAMIEN
33: EP 31: 15181847.3 32: 2015-08-20

54: IMPROVED LACTAM SOLUBILITY
00: -
Compositions comprising a lactam and an alcohol. The compositions are suitable for use as anti-microbial, anti-biofilm and bacteriostatic compositions.

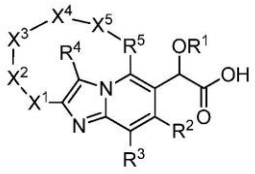
21: 2018/00642. 22: 2016/08/03. 43: 2019/05/07
51: A61K; A01N; B08B; C11D
71: UNILEVER PLC
72: O'KEEFFE, JOANNE CLARE, PARRY, NEIL JAMES, PRICE, PAUL DAMIEN, STEINBERG, PETER DAVID, THORNTHWAITE, DAVID, WILLIAM
33: EP 31: 15181846.5 32: 2015-08-20
54: LACTAM COMPOSITIONS
00: -
Compositions comprising a lactam. The compositions are suitable for use as anti-microbial, anti-biofilm and bacteriostatic compositions.

21: 2018/00643. 22: 2016/06/30. 43: 2019/05/07
51: A41F; A43C; A44B
71: ZIPP IT GMBH
72: WELLER, KARL
33: AT 31: A 50567/2015 32: 2015-06-30
54: CLOSURE SYSTEM
00: -
The invention relates to a closure system (1) for objects of everyday use, comprising a rotary closure assembly (2), a closure piece (3), and a tensioning element (6). The rotary closure assembly (2) has a base part (9), a rotatably supported tensioning disk (10) for winding and unwinding a tension element (11) held thereon, and a releasable locking unit (12) for the tensioning disk (10). The locking unit (12) has an actuating device (13) having an actuating element (14). The rotary closure assembly (2) is removably held on the closure piece (3) by means of a coupling assembly (16). The actuating element (14) can be moved in a perpendicular direction with respect to an axis of rotation (20) of the tensioning disk (10) into a first release position and a following second release position. Locking elements (19, 21) of the locking unit (12) are disengaged in the first release position, and coupling elements (17, 18) of the coupling assembly (16) are disengaged in the second release position.

Fig.3



21: 2018/00657. 22: 2018/01/31. 43: 2019/05/07
51: A61K; A61P; C07D
71: ViiV Healthcare UK (No.5) Limited
72: KADOW, John F., NAIDU, B. Narasimhulu, PATEL, Manoj, PEESE, Kevin, WANG, Zhongyu
33: US 31: 62/202,973 32: 2015-08-10
54: IMIDAZOPYRIDINE MACROCYCLES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION
00: -
Disclosed are compounds of Formula (I), including pharmaceutically acceptable salts, pharmaceutical compositions comprising the compounds, methods for making the compounds and their use in inhibiting HIV integrase and treating those infected with HIV or AIDS.



(I)

21: 2018/00665. 22: 2016/08/19. 43: 2019/05/10
51: G01N; D06F
71: UNILEVER PLC
72: COOKE, DEBORAH JANE, LEE, KENNETH STUART
33: EP 31: 15182160.0 32: 2015-08-24
54: METHOD AND APPARATUS FOR STAIN TREATMENT
00: -

A method for identifying a stain on a textile (10), the method comprising the steps of: performing near-infrared reflectance spectroscopy to obtain spectral data from the stain over a range of wavelengths ranging from a shortest wavelength to a longest wavelength, the shortest wavelength having a value of 1595nm or longer; accessing reference spectral data (33) of known stains; and comparing the spectral data of the stain to the reference spectral data of known stains to identify the stain.

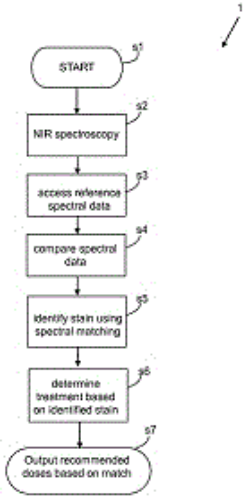


Fig. 1

21: 2018/00667. 22: 2016/10/03. 43: 2019/05/07
51: C07C
71: JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED
72: CAMPBELL, IAN, FERGUSON, CHRISTOPHER
33: GB 31: 1518101.9 32: 2015-10-13
54: PROCESS FOR THE CO-PRODUCTION OF DIALKYL MALEATE AND DIALKYL SUCCINATE
00: -
A process for the co-production of dialkyl maleate and dialkyl succinate in which a feed comprising monoalkyl maleate and a feed comprising monoalkyl succinate are supplied to an esterification reactor where esterification occurs and dialkyl maleate and dialkyl succinate are recovered from the esterification reactor, wherein at least a portion of the feed comprising monoalkyl maleate is supplied to the esterification reactor at a point above the point at which the feed comprising monoalkyl succinate is supplied.

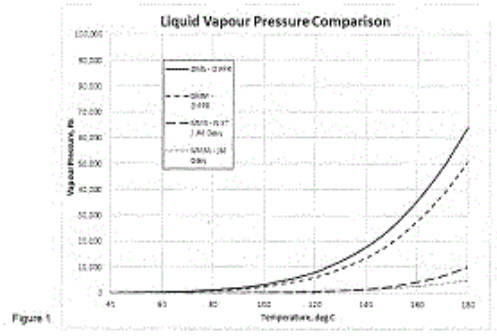
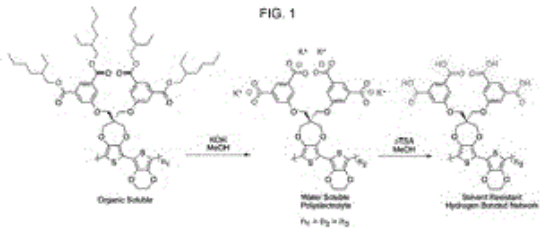
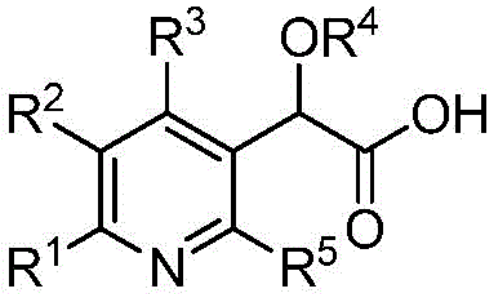


Figure 1

21: 2018/00709. 22: 2016/07/16. 43: 2019/05/07
51: C07D; C08G
71: GEORGIA TECH RESEARCH CORPORATION
72: REYNOLDS, JOHN ROBERT, BULLOCH, RAYFORD H, OSTERHOLM, ANNA M, PONDER JR., JAMES F
33: US 31: 62/193,399 32: 2015-07-16
54: PROCESSABLE POLYMERS AND METHODS OF MAKING AND USING THEREOF
00: -
Conjugated copolymers are provided that can be processed in a variety of solvents and can be rendered solvent-resistant when needed. The copolymers can be solution cast from nonpolar, polar, and aqueous solvents. After casting a polymer layer, the polymer can be rendered solvent resistant, thereby providing for improved stability and multi-layer processing and in electrochromic devices where the polymer layer is in contact with a nonpolar or polar solvent or electrolyte. Methods of making the copolymers are also provided, as well as methods of solution casting the polymers from a variety of nonpolar organic, polar, and aqueous solvents. Electrochromic devices are demonstrated having electrode(s) containing these polymers, including a variety of supercapacitor devices capable of using organic, biological, and aqueous electrolytes. Some of these electrodes demonstrate superfast switching and large power densities, showing promise for applications in supercapacitor batteries.



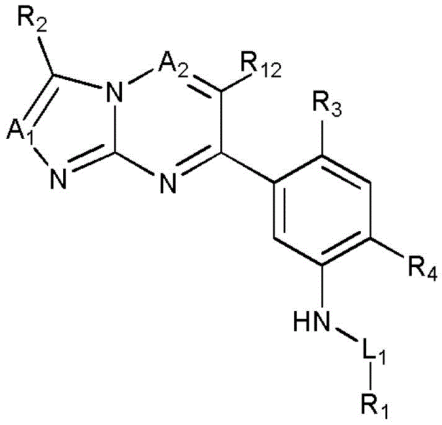
21: 2018/00720. 22: 2018/02/02. 43: 2019/05/07
51: A61K; A61P; C07D
71: ViiV Healthcare UK (No.5) Limited
72: KADOW, John F., NAIDU, B. Narasimhulu, TU, Yong
33: US 31: 62/207,560 32: 2015-08-20
54: PYRIDIN-3-YL ACETIC ACID DERIVATIVES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION
00: -
Disclosed are compounds of Formula I, including pharmaceutically acceptable salts, pharmaceutical compositions comprising the compounds, methods for making the compounds and their use in inhibiting HIV integrase and treating those infected with HIV or AIDS.



I

21: 2018/00722. 22: 2018/02/02. 43: 2019/05/07
51: A61K; A61P; C07D
71: GlaxoSmithKline Intellectual Property Development Limited
72: CUI, Haifeng, HENNESSY, Alan, JIN, Qi, MILES, Timothy James, MOSS, Stephen Frederick, PEARSON, Neil David
33: US 31: 62/205,732 32: 2015-08-16
54: ANTIBACTERIAL AGENTS COMPRISING A PYRAZINO[2,3-B][1,4]OXAZIN-3-ONE OR A RELATED RING SYSTEM
00: -
The present invention relates to novel compounds or pharmaceutically acceptable salts thereof, corresponding pharmaceutical compositions and treatment methods or uses as antibacterials for bacterial infections.

21: 2018/00733. 22: 2018/02/05. 43: 2019/05/07
51: A61K; A61P; C07D
71: UNIVERSITY OF DUNDEE, GLAXOSMITHKLINE INTELLECTUAL PROPERTY
72: MILES, Timothy James, THOMAS, Michael George, BRAND, Stephen, DODD, Peter, George, KO, Eun Jung, SANDBERG, Lars, Henrik, THOMPSON, Stephen, MARCO MARTIN, Maria
33: EP 31: 15382418.0 32: 2015-08-07
54: COMPOUNDS
00: -
A compound of Formula (I), or a salt thereof, compositions comprising the compound, processes for its preparation and its use in therapy, for example in the treatment of parasitic diseases such as Chagas disease, Human African Trypanosomiasis (HAT), Animal African trypanosomiasis (AAT) and leishmaniasis, particularly visceral leishmaniasis (VL).



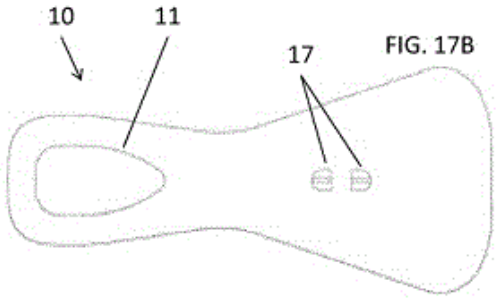
(I)

21: 2018/00736. 22: 2018/02/05. 43: 2019/05/07
51: A01N; C07D
71: Bayer CropScience Aktiengesellschaft
72: JESCHKE, Peter, GUTBROD, Oliver, FISCHER, Reiner, HELLWEGE, Elke, LÖSEL, Peter, MALSAM, Olga, EILMUS, Sascha, ILG, Kerstin, PORTZ, Daniela, GÖRGENS, Ulrich, LISHCHYNSKYI, Anton

33: EP(DE) 31: 15175448.8 32: 2015-07-06
54: NITROGENOUS HETEROCYCLES AS A PESTICIDE
00: -
The present application relates to novel heterocyclic compounds, to a method and intermediate products for producing the same and to the use thereof in controlling animal pests.

21: 2018/00737. 22: 2018/02/05. 43: 2019/05/07
51: F04B
71: Dosatron International
72: LUCAS, Grégory, CHARRIERE, Christophe
33: FR 31: 15 57578 32: 2015-08-06
54: SUPERVISED PROPORTIONAL METERING DEVICE AND METHODS FOR MONITORING A METERING PUMP
00: -
The invention relates to a monitored proportional metering device including a liquid metering pump (1) having an inlet (12), an outlet (13), a suction nozzle (16), and a mechanism (11) for adjusting the flow in the nozzle (16). Said metering device is characterized in that it also includes a detection means assembly, said assembly including at least means (3) for detecting the pressure variation in the nozzle, which means are arranged between the first suction valve (14) and the mixing chamber, a water meter (7) at the inlet (12), a probe (6) for measuring the level in the container of material to be suctioned, means (22) for determining the position of the mechanism (11) for adjusting the volume to be suctioned, and a man/machine interface (4) for processing, recording, and displaying the data from the detection means. The invention also relates to methods for monitoring a metering pump implementing the proportional metering device.

21: 2018/00748. 22: 2016/08/05. 43: 2019/05/17
51: G01N
71: LIA DIAGNOSTICS, INC.
72: EDWARDS, BETHANY, COUTURIER, ANNA, KUMAR, KOSHA
33: US 31: 62/208,217 32: 2015-08-21
33: US 31: 62/202,003 32: 2015-08-06
33: US 31: 62/362,813 32: 2016-07-15
54: WATER DISPERSIBLE ASSAYS
00: -
The present disclosure relates to water dispersible or soluble diagnostic assay methods, devices, kits, and methods of manufacture.



21: 2018/00751. 22: 2016/08/08. 43: 2019/05/17
51: A61F
71: ITKR SOFTWARE LLC
72: DOSSETT, ROBERT ALAN, DOSSETT, HAROLD GENE
33: US 31: 14/932,653 32: 2015-11-04
33: US 31: 62/203,738 32: 2015-08-11
54: METHODS FOR FACILITATING INDIVIDUALIZED KINEMATICALLY ALIGNED TOTAL KNEE REPLACEMENTS AND DEVICES THEREOF
00: -
Methods, non-transitory computer readable media, and individualized kinematic total knee replacement (TKR) analysis computing devices that obtain prosthesis data for a prosthesis. Anatomical and pathoanatomical data for a patient is determined. The anatomical data comprises at least a coronal mechanical lateral distal femoral angle and a posterior condylar axis that is specific to the patient. Bone and cartilage resection data is determined based on the prosthesis data, the anatomical data, and the pathoanatomical data. In one example, a recommended three-dimensional total knee replacement surgeon plan for the patient is output via a graphical interface. The recommended three-dimensional total knee replacement surgeon plan comprises the bone and cartilage resection data for facilitating implantation of the prosthesis in the patient. In another example, one or more femoral and tibial guides are formed based on the three-dimensional total knee replacement surgeon plan, wherein the femoral and tibial guides are specific to the patient.

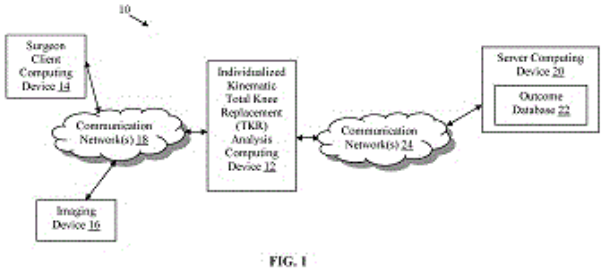


FIG. 1

21: 2018/00752. 22: 2015/07/06. 43: 2019/05/17
51: A61F; A61B
71: DA VINCI S.R.L.
72: RUSSO, ENRICO, RUSSO, RAFFAELE
54: IMPROVED PROSTHESIS FOR OSTEOSYNTHESIS
00: -
The present invention concerns a prosthesis for osteosynthesis (1) of a bone segment, in particular humerus (0), comprising at least one anchoring element (2), supporting means (3), coupled to the bone tissue of said bone segment (0), and positioning means (4) of said supporting means (3) with respect to said anchoring element (2).

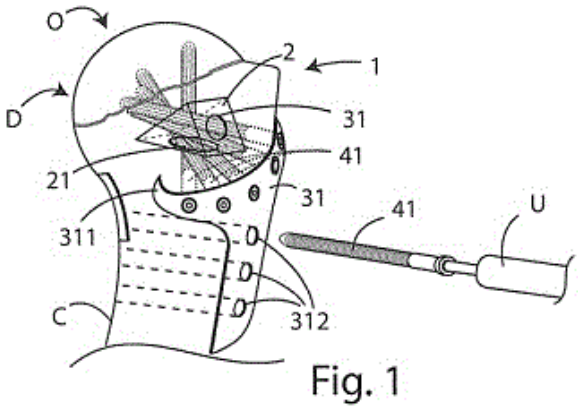
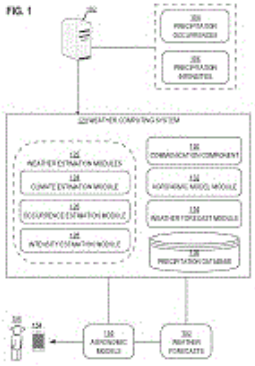


Fig. 1

21: 2018/00753. 22: 2016/04/26. 43: 2019/05/17
51: G01W; G06F
71: THE CLIMATE CORPORATION
72: KLEEMAN, ALEX, SMALL, TODD
33: US 31: 14/798,256 32: 2015-07-13
54: COMPUTER-BASED REPRESENTATION OF PRECIPITATION
00: -
A method for estimating precipitation values and associated uncertainties is provided. In an embodiment, precipitation records that indicate the occurrence and intensity of precipitation at specific locations are received by a weather computing system. The weather computing system uses the gauge information to separately create multiple realizations of precipitation occurrence fields and precipitation intensity fields. The weather computing system may model the occurrence of precipitation by proposing a value for each point independently and using the proposed value to update all prior proposals. The weather computing system may model the intensity of precipitation by modeling the spatial correlation of precipitation intensity and sampling from distributions at each location to determine the intensity of precipitation at each location. The weather computing system may then combine the precipitation intensity and occurrence fields into one or more final estimate fields.


FIG. 1

21: 2018/00756. 22: 2016/07/05. 43: 2019/05/17
51: C07B; C07F
71: DOW TECHNOLOGY INVESTMENTS LLC
72: BRAMMER, MICHAEL A, PHILLIPS, GEORGE R, MILLER, GLENN A, CAMPBELL JR, DONALD L
33: US 31: 62/197,853 32: 2015-07-28
54: METHOD FOR THE PREPARATION OF A STABILIZED ORGANOPHOSPHOROUS COMPOUND SOLUTION
00: -
A process involving admixing a ligand and an alkanolamine. The process allows the use of ligand despite the presence of contaminating amounts of

phosphorus acid, and improves the shelf life of premixed ligand solutions.

21: 2018/00768. 22: 2016/07/05. 43: 2019/05/17
51: C05F
71: DOVERFIELD EXPORTS-UAE
72: COUTURE, FRANCIS, ARSHAD, MUHAMMAD
33: VN 31: 1-2015-02457 32: 2015-07-07
54: METHOD OF PREPARING A FERTILIZER AND A PLANT GROWTH PROMOTING BACTERIA COMPOSITION FOR ADDING TO A BASE FERTILIZER
00: -
The invention relates to a process of preparing a fortified fertilizer. According to this process, a latent form of plant growth promoting bacteria is supported on the base fertilizer. The invention also relates to a plant growth promoting bacteria composition.

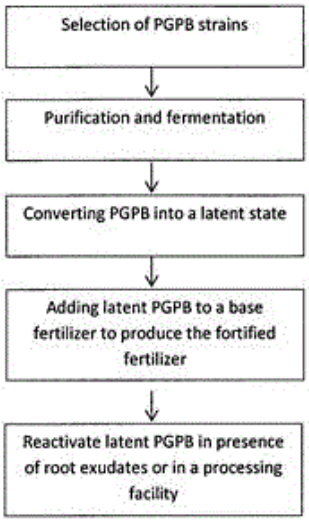


Fig. 1

21: 2018/00772. 22: 2015/08/14. 43: 2019/05/17
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: DA SILVA, ICARO L J, PRADAS, JOSE LUIS, MILDH, GUNNAR, RUNE, JOHAN
54: DISTRIBUTION OF SYSTEM ACCESS INFORMATION IN WIRELESS COMMUNICATION SYSTEM
00: -
The present disclosure relates to methods for efficiently transmitting system access information that is used by wireless terminals (200) to access a cell (20) in a wireless communication network (10). The system access information may include synchronization signals, system information, or reference signals used for channel estimation. In exemplary embodiments of the disclosure, the access nodes (100) within the wireless communication network (10) may be configured to operate in two or more operating modes. The information density of the system access information transmitted by the access node varies depending on the operating mode. For example, the access node (100) may vary the information density by varying the amount of system access information that is transmitted or the periodicity of the system access information that is transmitted.

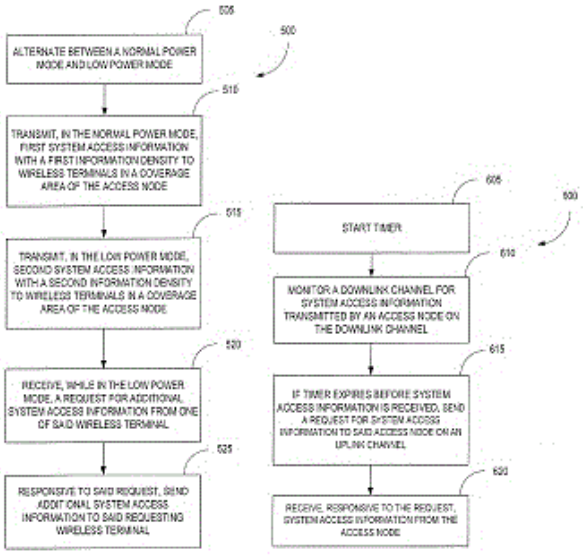


Fig. 10 Fig. 11

21: 2018/00781. 22: 2018/02/06. 43: 2019/05/23
51: A61K; C07K; C12N; C12P
71: Innovent Biologics (Suzhou) Co., Ltd.
72: BARUAH, Hemanta, CHEN, Cheng, LIU, Xiaolin, TSUN, Andy, YU, Dechao M.
33: PCT/CN 31: 2015/086494 32: 2015-08-10
54: PD-1 ANTIBODIES
00: -
Provided herein are antibodies that bind human programmed cell death 1 (PD-1) ,and their use for treating cancer alone or in combination with chemotherapy and other cancer therapeutics.

21: 2018/00799. 22: 2016/08/26. 43: 2019/05/17
51: G01S; G01V; G06Q; G06K; G08B
71: CPG TECHNOLOGIES, LLC

72: LILLY, JAMES D, CORUM, KENNETH L, CORUM, JAMES F, PINZONE, JOSEPH F
33: US 31: 14/849,208 32: 2015-09-09
54: OBJECT IDENTIFICATION SYSTEM AND METHOD
00: -
An object identification system (400) includes a guided surface waveguide probe (P) that produces a guided surface wave from which object identification tags (402) obtain electrical power to operate, each tag associated with an object (404); and a plurality of receivers deployed at strategic locations to receive return signals from one or more of the tags as the tags move with the associated objects during a lifecycle of the objects.

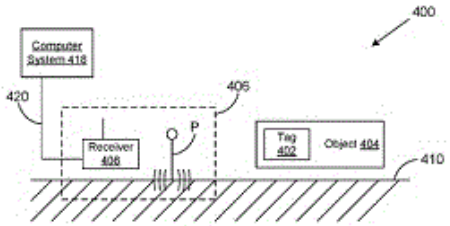


FIG. 21

21: 2018/00801. 22: 2016/08/25. 43: 2019/05/07
51: C12N; C11D
71: UNILEVER PLC
72: DE ROSE, SIMONE ANTONIO, DOWD, ANDREW, LANG, DIETMAR ANDREAS, LITTLECHILD-BOND, JENNIFER ANN, NOVAK, HALINA ROSE, PARRY, NEIL JAMES, SINGH, SUKRITI
33: EP 31: 15182936.3 32: 2015-08-28
33: EP 31: 15182934.8 32: 2015-08-28
33: EP 31: 15182937.1 32: 2015-08-28
54: LIQUID DETERGENCY COMPOSITION COMPRISING LIPASE AND PROTEASE
00: -
A liquid detergency composition comprising a protease and a lipase, wherein the lipase comprises a polypeptide having an amino acid sequence which has at least 90 percent sequence identity with the wild-type lipase derived
from *Humicola lanuginosa*strain DSM 4109 and, compared to said wild-type lipase, comprises a substitution of an electrically neutral or negatively charged amino acid within 15 A of E1 or Q249 with a positively charged amino acid.

21: 2018/00802. 22: 2016/08/25. 43: 2019/05/10
51: C11D
71: UNILEVER PLC
72: DE ROSE, SIMONE ANTONIO, DOWD, ANDREW, LANG, DIETMAR ANDREAS, LITTLECHILD-BOND, JENNIFER ANN, NOVAK, HALINA ROSE, PARRY, NEIL JAMES, SINGH, SUKRITI
33: EP 31: EP15182936.3 32: 2015-08-28
33: EP 31: EP15182934.8 32: 2015-08-28
33: EP 31: EP15182937.1 32: 2015-08-28
54: LIQUID DETERGENCY COMPOSITION COMPRISING PROTEASE AND NON-PROTEASE ENZYME
00: -
A liquid detergency composition comprising: protease and non-protease enzyme wherein at least part of either the protease or the non-protease enzyme is cross- linked enzyme aggregate.

21: 2018/00805. 22: 2016/09/30. 43: 2019/05/07
51: A61B
71: CREO MEDICAL LIMITED
72: HANCOCK, CHRISTOPHER, AMOAH, FRANCIS, WHITE, MALCOLM, CRAVEN, THOMAS, SAUNDERS, BRIAN, TSIAMOULOS, ZACHARIAS P
33: GB 31: 1517427.9 32: 2015-10-02
54: BIOPSY FORCEPS TOOL
00: -
A biopsy forceps tool (preferably for endoscopic use) in which microwave energy is used to coagulate bleeding after a biological tissue sample is collected between a pair of jaws. The pair of jaws define an enclosure that is isolated from the microwave energy itself and insulated from any thermal changes that occur due to application of the microwave energy. The tool comprises a pair of jaws connected to a coaxial cable, each of the pair of jaws comprising an electrically conductive shell, the jaw assembly being movable between a closed position in which the electrically conductive shells enclose an internal volume for holding a tissue sample and an open position in which the internal volume is exposed in order to receive the tissue sample. The electrically conductive shells form a Faraday cage around the internal volume when in the closed position.

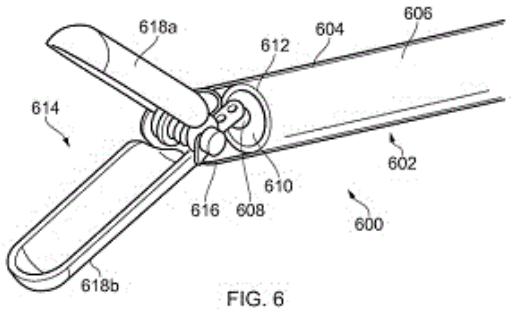


FIG. 6



Figure 1

21: 2018/00832. 22: 2016/07/22. 43: 2019/05/07
51: C07C; C07D; A61K; A61P
71: OMEICOS THERAPEUTICS GMBH, BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, MAX DELBRÜCK-CENTRUM FÜR MOLEKULARE MEDIZIN
72: FISCHER, ROBERT, KONKEL, ANNE, WESSER, TIM, WESTPHAL, PHILIPP, SCHUNK, WOLF-HAGEN, WESTPHAL, CHRISTINA, FALCK, JOHN RUSSELL
33: US 31: 62/195,645 32: 2015-07-22
54: METABOLICALLY ROBUST ANALOGS OF CYP-EICOSANOIDS FOR THE TREATMENT OF CARDIAC DISEASE
00: -
The present invention relates to compounds according to general formula (I) which are metabolically robust analogues of bioactive lipid mediators derived from omega-3 polyunsaturated fatty acids (n-3 PUFAs).The present invention further relates to compositions containing one or more of these compounds and to the use of these compounds or compositions for the treatment or prevention of cardiovascular diseases.

21: 2018/00834. 22: 2016/08/25. 43: 2019/05/23
51: C11D; C12N
71: UNILEVER PLC
72: DE ROSE, SIMONE ANTONIO, LANG, DIETMAR ANDREAS, LITTLECHILD-BOND, JENNIFER ANN, NOVAK, HALINA ROSE, SINGH, SUKRITI
33: EP 31: 15183065.0 32: 2015-08-28
54: IMPROVED WASH COMPOSITIONS
00: -
Laundry compositions comprising lipases from *Psychromonas ingrahamii*. Uses of such compositions in methods of laundry, especially at low temperatures.

21: 2018/00839. 22: 2016/07/28. 43: 2019/05/07
51: A61K; A01N; A61Q
71: UNILEVER PLC
72: PRICE, PAUL DAMIEN, PARRY, NEIL JAMES
33: EP 31: 15181856.4 32: 2015-08-20
54: IMPROVED LACTAM SOLUBILITY
00: -
Compositions comprising a lactam and an alkyl lactate. The compositions are suitable for use as anti-microbial, anti-biofilm and bacteriostatic compositions.

21: 2018/00840. 22: 2016/07/28. 43: 2019/05/10
51: A61K; A61Q; A01N
71: UNILEVER PLC
72: PRICE, PAUL DAMIEN
33: EP 31: 15181858.0 32: 2015-08-20
54: IMPROVED LACTAM SOLUBILITY
00: -
Compositions comprising lactams and non-ionic surfactants, suitable for use as antimicrobial, anti-biofilm and bacteriostatic compositions.

21: 2018/00841. 22: 2016/07/25. 43: 2019/05/07
51: A61K; A01N; A61Q; B08B
71: UNILEVER PLC
72: PARRY, NEIL JAMES, PRICE, PAUL DAMIEN, SINGH, SUKRITI
33: EP 31: 15181830.9 32: 2015-08-20
54: DISPERSED LACTAMS
00: -
Lactams in solid dispersions suitable for use in compositions. The compositions may be useful as antimicrobial, anti-biofilm and bacteriostatic compositions. Methods of making lactams in solid dispersions. Methods of making compositions using lactams in solid dispersions.

21: 2018/00842. 22: 2016/07/25. 43: 2019/05/14

51: A61K; A01N; B08B
71: UNILEVER PLC
72: FIDGE, CHRISTOPHER, GOLDING, STEPHEN, PRICE, PAUL DAMIEN, THORNTHWAITE, DAVID WILLIAM
33: EP 31: 15181842.4 32: 2015-08-20
54: ENCAPSULATED LACTAMS
00: -
Encapsulated lactams suitable for use in compositions and compositions comprising encapsulated lactams. The compositions may be useful as antimicrobial, anti-biofilm and bacteriostatic compositions. Methods of encapsulating lactams.

21: 2018/00843. 22: 2016/08/25. 43: 2019/05/24
51: C11D; C12N
71: UNILEVER PLC
72: DE ROSE, SIMONE ANTONIO, LANG, DIETMAR ANDREAS, LITTLECHILD-BOND, JENNIFER ANN, NOVAK, HALINA ROSE, SINGH, SUKRITI
33: EP 31: 15183065.0 32: 2015-08-28
54: DETERGENT COMPOSITIONS WITH LIPASE AND BIOSURFACTANT
00: -
Compositions comprising lipases and biosurfactants, especially psychrophilic lipases and biosurfactants.



Figure 1

21: 2018/00854. 22: 2014/06/20. 43: 2019/05/02
51: A61K; C07D
71: ZENITH EPIGENETICS LTD.
72: QUINN, JOHN FREDERICK, WANG, RUIFANG, JIANG, MAY XIAOWU, MARTIN, GREGORY SCOTT, WAGNER, GREGORY STEVEN, YOUNG, PETER RONALD, DUFFY, BRYAN CORDELL, LIU, SHUANG
33: US 31: 61/837,841 32: 2013-06-21
54: NOVEL BICYCLIC BROMODOMAIN INHIBITORS
00: -
The invention provides novel substituted, bicyclic compounds which are useful as inhibitors of extra terminal domain BET protein function by binding to bromodomains. The pharmaceutical compositions comprising such compounds are for the prevention and treatment of diseases and conditions that are associated with bromodornain and extra terminal domain (BET) proteins.

21: 2018/00861. 22: 2018/02/09. 43: 2019/05/23
51: C12Q
71: Bayer SAS
72: DUBOURNET, Patrice, CHERRAD, Semcheddine, VACHER, Sébastien
33: EP(FR) 31: 15290182.3 32: 2015-07-10
54: METHODS AND KITS FOR THE DETECTION OF POWDERY MILDEW
00: -

The present invention relates to means, methods and kits for the specific detection of the causing agent of powdery mildew on grapes, the fungus *Erysiphe necator*. More specifically, the methods according to the invention are quantitative methods based on quantitative Polymerase Chain Reaction.

21: 2018/00862. 22: 2018/02/09. 43: 2019/05/17
51: H04W
71: Huawei Technologies Co., Ltd.
72: LI, Yanchun, LAN, Zhou, LI, Yunbo
54: DATA TRANSMISSION METHOD, ACCESS POINT AND STATION
00: -
In the data transmission method provided in the present application, in the case where an access node uses a working channel of a first station to perform data transmission with the first station in a bandwidth power saving mode, the access point uses a working channel of a second station to perform data transmission with the second station; therefore, even though the working channel of the first station comprises a main channel, the access point can also perform data transmission with the second station via other channels; furthermore, with regard to the access point, although the working channel of the first station merely occupies some of available bandwidth resources thereof, the access

point can still use the remaining channels to perform data transmission with the second station, so that the remaining bandwidth resources of the access point, apart from the working channel of the first station, can also be used for data transmission at the same time, thereby improving the resource utilization rate of the access point.

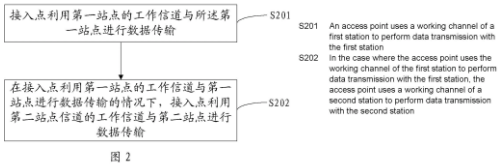


图 2

21: 2018/00873. 22: 2016/04/04. 43: 2019/05/07
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: ÅKESSON, JOAKIM, TRÄNK, MAGNUS
33: US 31: 62/221,872 32: 2015-09-22
54: MBMS BEARER HANDLING IN A GROUP COMMUNICATIONS SYSTEM
00: -
A method for multimedia broadcast multicast service (MBMS) bearer handling in a group communications system, the method being performed by a control node, comprising: activating and announcing (S101) a first MBMS bearer for supporting floor control in a group call to client nodes (300a, 300b) of the group call; and activating and announcing (S103) at least one second MBMS bearer for supporting media transmission in the group call, whereby the floor control and the media transmission are supported on separate MBMS bearers for the group call.

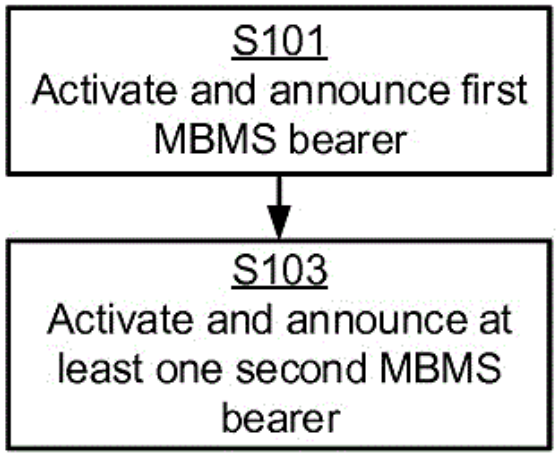


Fig. 5

21: 2018/00877. 22: 2016/08/01. 43: 2019/05/07
51: C07D
71: UNILEVER PLC
72: NORBURY, ANDREW MARTYN, THORNTHWAITE, DAVID WILLIAM
33: EP 31: EP15181849.9 32: 2015-08-20
54: PROCESS FOR THE PREPARATION OF LACTAMS FROM GLYOXYLIC ACID
00: -
A process for the synthesis of lactams suitable for use in antimicrobial, anti-biofilm bacteriostatic compositions.

21: 2018/00881. 22: 2016/08/01. 43: 2019/05/07
51: F16K; F15B
71: BRAY INTERNATIONAL, INC.
72: SUJANANI, PREM, PARAMASIVAN, SATHEESH, DIVAKARAN, DEEPAK, KUMAR, SANTHOSH
33: US 31: 62/198,778 32: 2015-07-30
54: COMBINATION DEVICE FOR LOCKOUT AND PARTIAL STROKE TEST OF VALVE ACTUATORS
00: -
A combination device (102) configured to effect lockout and partial stroke testing for an actuator having a piston rod (104) providing linear motion and connected to a guide block (108) in an actuator, wherein the combination device includes a device housing (102a) having a housing bore, wherein the device housing is adapted to mount on a receptacle on the actuator that aligns a device housing bore coaxially to the translatory motion axis of the piston

rod; an extension rod (109) adapted to be attached to the guide block connected to the piston rod; at least two slides or a profiled bore index sleeve (106) disposed in the device housing that when engaged provide means of restraining the movement of the extension rod in a manner that prevents said extension rod from moving and, in use, a driver element of the actuator from rotating relative to an actuator housing; a housing cover mounted over the device housing wherein the housing cover protects and retains the extension rod, and the slides or the index sleeve in the device housing and a spring biased safety pin mounted on the housing cover wherein the spring biased safety pin is configured to prevent unintended actuation of the actuator; and a tubular cover to protect the extension rod.

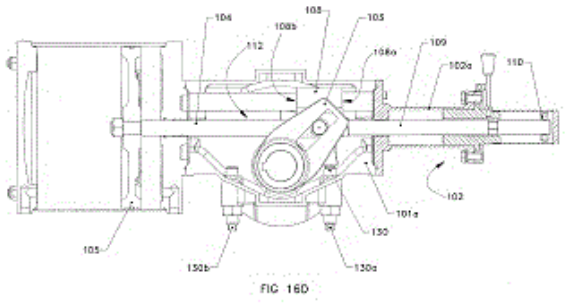


FIG 16D

21: 2018/00882. 22: 2016/08/18. 43: 2019/05/07
51: A23L
71: UNILEVER PLC
72: JANSEN, JEOFFREY NIKOLAI, VELIKOV, KRASSIMIR PETKOV, VOUDOURIS, PANAYIOTIS
33: EP 31: 15182270.7 32: 2015-08-25
54: A SHAPED SAVOURY CONCENTRATE ARTICLE
00: -
The invention relates to a shaped savoury concentrate article having a water content of not more than 10 wt.%, said article comprising: • 50-95 wt.% particulate seasoning components; • 2-30 wt.% oil, said oil having a solid fat content at 20°C (N_{20}) of less than 20%; • 2-20 wt.% of prolamin particles having a prolamin content of at least 20 wt.% and sphere equivalent mean diameter of less than 20 μm. The inventors have unexpectedly found that the incorporation of very small prolamin- containing particles in a shaped concentrate article that contains particulate seasoning components in combination with a significant amount of liquid oil effectively minimizes the adverse impact of the liquid oil.

21: 2018/00938. 22: 2016/07/25. 43: 2019/05/07
51: C12P; C12Q; G01N; C07H
71: PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE
72: BUENO RAMÍREZ, SUSAN MARCELA, KALERGIS PARRA, ALEXIS MIKES, MORA ALARCÓN, JORGE EUGENIO
33: CL 31: 2152-2015 32: 2015-07-31
54: MONOCLONAL ANTIBODIES SPECIFICALLY FOR PHOSPHOPROTEIN OF THE HUMAN RESPIRATORY SYNCYTIAL VIRUS AND THE METHODS OF USE
00: -
The present invention refers to monoclonal antibodies or fragments thereof which are binding to the protein P of the human Respiratory Syncytial Virus (RSV) which comprise a variable region of the heavy chain which has a sequence with at least a 90%, 95% or 99% of identity with the SEQ ID No: 1 or SEQ ID 5 or a variable region of the light chain which has a sequence with at least a 90%, 95% or 99% of identity with the SEQ ID No:2 or SEQ ID No: 6. The invention provides also diagnostic methods ex vivo or in vitro for detection of the viral antigen P of RSV, in which are used the monoclonal antibodies produced and secreted by the hybridomas 2E6/D2 and 6H5/H1. The invention can be used in detection for RSV kits, comprising the antibodies produced by the mentioned hybridomas.

21: 2018/00940. 22: 2016/07/25. 43: 2019/05/07
51: C12Q; G01N
71: PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE
72: KALERGIS PARRA, ALEXIS MIKES, BUENO RAMIREZ, SUSAN MARCELA, BERTRAND NAVARRETE, JOSÉ PABLO, LAY REMOLCOI, MARGARITA KAM-LEM
33: CL 31: 201502153 32: 2015-07-31
54: USE OF IL-3, IL-33, AND IL-12P40 FOR CHARACTERIZATION OF THE RESPIRATORY INFECTIONS BY SYNCYTIAL RESPIRATORY VIRUS
00: -
The present invention is related to detecting respiratory diseases using molecular markers as prognostic tool of the evolution of respiratory infection cases. Concretely, during the differential

diagnostic of respiratory infections caused by the Syncytial Respiratory Virus and human Metapneumovirus, it will be established the expression pattern of the severity markers of IL-3, IL-33 and IL12p40. The expression pattern of the molecular markers can be defined in biological samplers using ELISA assays, flow cytometry or PCR in real time. The confirmation of the etiological agent of the infection in combination to the pattern definition of the molecular markers IL-3, IL-33 and IL12p40 will indicate a prognostic of the disease severity.

21: 2018/00958. 22: 2018/02/13. 43: 2019/05/23
51: A61K; A61Q
71: Colgate-Palmolive Company
72: REGE, Aarti, PRENCIPE, Michael, BHADRA, Madhuleena
33: US 31: 62/354,242 32: 2016-06-24
54: ORAL CARE COMPOSITIONS
00: -
An oral care composition comprising zinc phosphate, stannous fluoride and an organic acid buffer system, as well as methods of using the same.

21: 2018/00964. 22: 2018/02/13. 43: 2019/05/23
51: A61K; A61Q
71: Colgate-Palmolive Company
72: HUANG, Xiaoyi, JOSIAS, Wilbens, PRENCIPE, Michael, STRANICK, Michael A., WON, Betty, MAURAO, Marcella, RUSSO, Amy, MANUS, Lisa, STETTLER, Hansruedi, PATEL, Vyoma, MORGAN, Andre Michelle, POTANIN, Andrei, TAN, Chengkang, YAN, Peng
33: PCT/CN 31: 2016/086994 32: 2016-06-24
54: ORAL CARE COMPOSITIONS AND METHODS OF USE
00: -
Described herein are oral care compositions comprising a basic amino acid; a combination of zinc ion sources; and from about 0.75 wt.% to about 2 wt.% of a chelating system; along with methods of making and using same.

21: 2018/00965. 22: 2018/02/13. 43: 2019/05/23
51: A61K; A61Q
71: Colgate-Palmolive Company
72: POTH, Tilo, POTANIN, Andrei, BLANVALET, Claude, WON, Betty, MANUS, Lisa, STRANICK, Michael A., HUANG, Xiaoyi, PRENCIPE, Michael, RUSSO, Amy, STETTLER, Hansruedi, YAN, Peng, TAN, Chengkang, PATEL, Vyoma, MORGAN, Andre Michelle
33: PCT/CN 31: 2016/086994 32: 2016-06-24
54: ORAL CARE COMPOSITIONS AND METHODS OF USE
00: -
Described herein are oral care compositions comprising an amino acid; a combination of zinc ion sources; and a thickening system comprising a nonionic cellulose ether having a molecular weight of from about 300,000 to about 350,000; and a polysaccharide gum; along with methods of making and using same.

21: 2018/00966. 22: 2018/02/13. 43: 2019/05/23
51: A61K; A61Q
71: Colgate-Palmolive Company
72: THOMSON, Paul, DOGU, Nihal, RAJAH, Divino, DAEP, Carlo, BEGUM-GAFUR, Rehana, PRENCIPE, Michael
33: US 31: 62/354,258 32: 2016-06-24
54: ORAL CARE COMPOSITIONS
00: -
This invention relates to oral care compositions comprising a first source of zinc which is zinc citrate, a second source of zinc which is zinc oxide or zinc lactate, a stannous ion source, and a polyphosphate, as well as to methods of using and of making these compositions.

21: 2018/00968. 22: 2016/07/21. 43: 2019/05/07
51: D07B
71: TEUFELBERGER SEIL GESELLSCHAFT M.B.H.
72: TRAXL, ROBERT, KAISER, GUNTER, KIRTH, RUDOLF, ERNST, BJÖRN, RÜHRNÖSSL, ERICH, BALDINGER, PETER
33: AT 31: A 50649/2015 32: 2015-07-23
54: HYBRID STRANDED CONDUCTOR
00: -
The invention relates to a hybrid stranded conductor (1), comprising a core (2) and outer wires (3') arranged around said core (2), wherein at least a part of the outer wires (3') is compressed, wherein the compressed outer wires have a flattened cross-sectional shape, the outer wires (3') are composed of steel, and the core (2) is a fiber core. The invention further relates to a corresponding production method for such a hybrid stranded conductor (1).

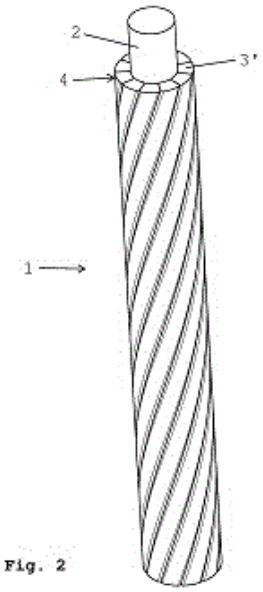


Fig. 2

21: 2018/00973. 22: 2016/08/18. 43: 2019/05/07
51: H04L; H04J; H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: GAO, SHIWEI, FRENNE, MATTIAS, MURUGANATHAN, SIVA, ZHANG, ZHANG, LINCOLN, BO, HARRISON, ROBERT MARK
33: US 31: 62/207,510 32: 2015-08-20

54: A NETWORK NODE, A WIRELESS DEVICE AND METHODS THEREIN FOR PERFORMING AND HANDLING SUPERPOSED TRANSMISSIONS IN A WIRELESS COMMUNICATIONS NETWORK

00: -

Embodiments herein relate to a method performed by a network node (110) for performing a superposed transmission in a wireless communications network (100), wherein the superposed transmission comprises a first signal intended for a first wireless device (121) from the network node (110) and a second signal intended for a second wireless device (122) from the network node (110) that are superposed and transmitted simultaneously by the network node (110) on the same transmission resources in the wireless communications network (100). The network node (110) determines a first ratio of the total transmission power (P) available for the superposed transmission, which first ratio is to be used for the first signal in the superposed transmission. Also, the network node (110) determines a second ratio of the total transmission power (P) available for the superposed transmission, which second ratio is to be used for the second signal in the superposed transmission. Then, the network node (110) transmits information indicating the first and/or second ratio to at least the first wireless device (121) in the wireless communications network (100). Thereafter, the network node (110) performs the superposed transmission to the first and second wireless device (121, 122) simultaneously on the same transmission resources by transmitting the first signal using a transmission power according to the first ratio and by transmitting the second signal using a transmission power according to the second ratio. Embodiments of the network node (110) are also described. Embodiments herein also relate to a first wireless device (121) for handling a superposed transmission from a network node (110) in a wireless communications network (100) and a method therein. Embodiments herein also relate to a second wireless device (122) for handling a superposed transmission from a network node (110) in a wireless communications network (100) and a method therein.

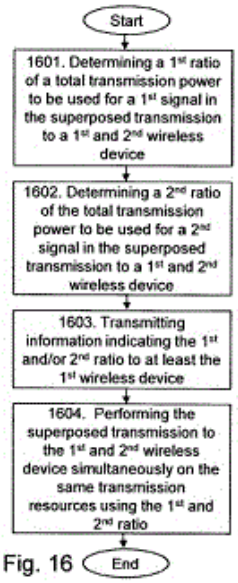


Fig. 16

21: 2018/00978. 22: 2018/02/13. 43: 2019/05/13
51: G21C
71: TSINGHUA UNIVERSITY
72: ZHANG, Qinzhao, PENG, Wei, ZHANG, Zuoyi, WANG, Hong, WANG, Jie

33: CN 31: 201510409138.1 32: 2015-07-13
33: CN 31: 201520504843.5 32: 2015-07-13
54: BAFFLE STRUCTURE FOR CHANNEL
00: -
A baffle structure for a channel belonging to fluid mechanics technology field. The baffle structure comprises a pipe (1), a swing check plate and an actuating device(8), wherein the main body of the swing check plate (8) is positioned inside the pipe (1), and the actuating device(8) is arranged outside the pipe (1); in addition, a special connecting structure is included for connecting the swing check plate and the actuating device (8), and the connecting structure is in particular to:a key (14) is arranged on a rotary shaft (4), and a ring-shaped keyway (15) is correspondingly arranged in a shaft sleeve (13), so that the shaft sleeve (13) has an idle stroke for carrying out 90-degree free rotation around the rotary shaft (4); according to the different positions of the key (14) in the ring-shaped keyway (15), the channel not only has the passive characteristic of realizing opening and closing by gravity and fluid pressure, but also has the active characteristic for realizing opening and closing and can maintain small opening by the actuating device (8), so that the requirement for multiple working conditions of the channel can be met.

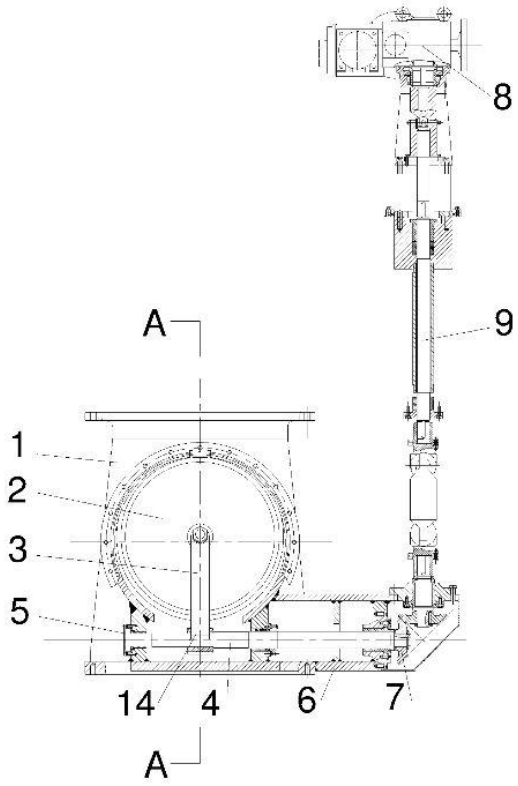


图 2

21: 2018/00994. 22: 2018/02/14. 43: 2019/07/01
51: A61B; B01L
71: KwaZulu-Natal Research Institute for TB-HIV (K-RITH) NPC
72: BALAGADDE Frederick Kiguli, KUNOTA, Tafara Takunda Remigio, LUTHULI, Brilliant Bonisile
33: ZA 31: 2016/07824 32: 2016-11-14
54: SCREENING METHOD AND APPARATUS FOR DRUG EFFLUX DISPLACEMENT
00: -
This invention relates to microfluidics, in particular an automated microfluidic device loading and operating system comprising of a microfluidic chip, fluidic engine, means to operate valves in the separate network, programmable logic means and a discrete network. Further, a microfluidic cartridge system to accommodate a microfluidic chip of which the chip is pre-incorporated into the microfluidic cartridge system. The device is equipped with a microfluidic quick connect plug, configured for plug-type connection of the various lines and channels. The microfluidic quick connect plug is also pre-incorporated into the microfluidic cartridge system. A system of vessels for storage or collection of fluids

that are associated with the operation of the microfluidic chip will be included.

21: 2018/00995. 22: 2018/02/14. 43: 2019/07/01
51: A61B; B01L
71: KwaZulu-Natal Research Institute for TB-HIV (K-RITH) NPC
72: MACKENZIE, Jared Stuart, MYRICK, Alissa Barbara, BALAGADDE Frederick Kiguli
33: ZA 31: 2016/07824 32: 2016-11-14
54: SCREENING METHOD AND APPARATUS FOR DRUG EFFLUX DISPLACEMENT
00: -
This invention relates to a method and apparatus for substrate screening for drug efflux displacement and to the addition of harmless or non-toxic efflux substrates to drugs to reduce or inhibit drug extrusion from within biological cells by efflux pumps. In particular, the invention relates to such methods and apparatus including microfluidic devices and processes. The method makes use of a selected substance that has a higher affinity for the pump than for the drug and is implemented in a microchemostat and constituted by a miniaturised bioreactor configured to enable automated culturing of small populations of bacteria for extended periods, with single cell resolution. The apparatus comprising means to introduce a drug to a biological cell and means to introduce, to the cell, a substance, with a higher affinity for the pump than for the drug, selected for extrusion.

21: 2018/01011. 22: 2018/02/14. 43: 2019/05/23
51: A61K; A61Q
71: Colgate-Palmolive Company
72: POTANIN, Andrei, POTH, Tilo, AHUJA, Amit, BLANVALET, Claude, WON, Betty, MANUS, Lisa, STRANICK, Michael A., HUANG, Xiaoyi, PRENCIPE, Michael, RUSSO, Amy, STETTLER, Hansruedi, YAN, Peng, TAN, Chengkang, PATEL, Vyoma, MORGAN, Andre Michelle
33: PCT/CN 31: 2016/086994 32: 2016-06-24
54: ORAL CARE COMPOSITIONS AND METHODS OF USE
00: -
Described herein are oral care compositions comprising a basic amino acid; a combination of zinc ion sources; and a thickening system comprising a nonionic cellulose ether having a viscosity, measured at 2% in water at 25 °C, of 4500 to 7500 cps; and a polysaccharide gum; along with methods of making and using same.

21: 2018/01014. 22: 2018/02/14. 43: 2019/05/23
51: A24F
71: Nicoventures Holdings Limited
72: BAKER, Darryl, OLDBURY, Ross
33: GB 31: 1517089.7 32: 2015-09-28
54: VAPING HEAT MAP SYSTEM AND METHOD FOR ELECTRONIC VAPOUR PROVISION SYSTEMS
00: -
A method of generating of a map of vaping action events comprises the steps of receiving respective notifications of a vaping action for each of a plurality of electronic vapour provision systems, logging GPS coordinates in response to detection of the vaping action, transmitting one or more logged sets of GPS coordinates to a vaping heat map server, and updating a vaping action count in one or more map regions in the map of vaping action events responsive to the transmitted GPS coordinates.

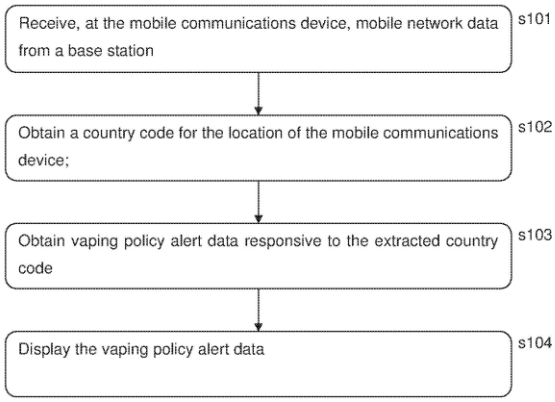
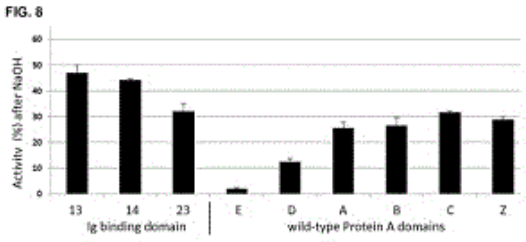


Figure 10

21: 2018/01015. 22: 2018/02/14. 43: 2019/05/23
51: A61K; A61Q
71: Colgate-Palmolive Company
72: REGE, Aarti, SULLIVAN, Richard

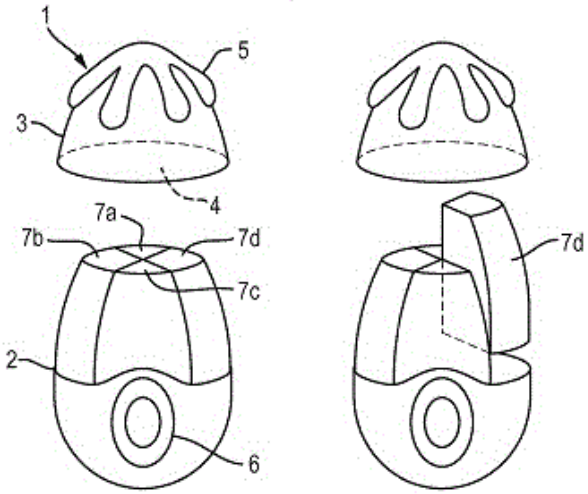
54: ORAL CARE COMPOSITIONS AND METHODS OF USING THE COMPOSITIONS
00: -
An oral care composition comprises zinc phosphate and at least one anti-microbial agent chosen from engenol, isoeugenol, eugenol acetate and isoeugenol acetate. The zinc phosphate is added to the oral care composition as a preformed salt.

21: 2018/01016. 22: 2016/07/14. 43: 2019/05/17
51: C07K
71: NAVIGO PROTEINS GMBH
72: HAUPTS, ULRICH
33: EP 31: 15177056.7 32: 2015-07-16
54: NOVEL IMMUNOGLOBULIN-BINDING PROTEINS AND THEIR USE IN AFFINITY PURIFICATION
00: -
The present disclosure relates to non-natural binding proteins comprising one or more non-natural immunoglobulin (Ig) binding domains wherein at least one non-natural Ig-binding domain comprises the amino acid sequence X1 X2X3XiXsX5X7 XsQQX11AFYX1sX15LX1 sX19PX21 LX23X24X2sQRX28X2gf IQSLKDDPSXio SXi2Xi3Xi4LXi5EAXigKLXs2Xs3Xs4QXs5PX. The idisclosure also relates to compositions such as affinity matrices comprising the non-natural Ig-binding proteins of the invention. Use of these Ig-binding proteins or of the compositions for affinity purification of immunoglobulins and to methods of affinity purification.



21: 2018/01020. 22: 2016/09/01. 43: 2019/05/24
51: D06F; A47L
71: UNILEVER PLC
72: COOKE, DEBORAH JANE, MOORFIELD, DAVID, SHAW, KATHARINE JANE
33: EP 31: 15184558.3 32: 2015-09-09
54: LAUNDRY PRODUCT DOSING DEVICE
00: -
A laundry product dosing device (1) for placing in a washing machine drum. Reservoir cartridges (7) configured for use with such a device. Methods of laundering articles in a washing machine using devices.

Fig. 1



21: 2018/01023. 22: 2018/02/14. 43: 2019/05/07
51: A63B
71: BJM Putter Grips Limited
72: MASON, Vaughan
33: US 31: 62/221,179 32: 2015-09-21
54: A GRIP FOR A GOLF CLUB
00: -
A grip for a golf club and method of manufacturing therefor are provided. The grip (10) comprises a gripping member (20) having a base portion (22) extending longitudinally along a portion of the gripping member (20) adapted to engage one or more palms when held by one or more hands of a user, and at least two side portions (24) extending from the base portion (22), wherein the at least two side portions (24) are inclined towards one another, such that when the base portion (22) is engaged by the one or more palms of the user during a holding, one or more fingers of the or each of the user's hands are guided to rest on the at least two inclined side portions (24) to thereby reduce or restrict mobility of joints at the user's hands and arms.

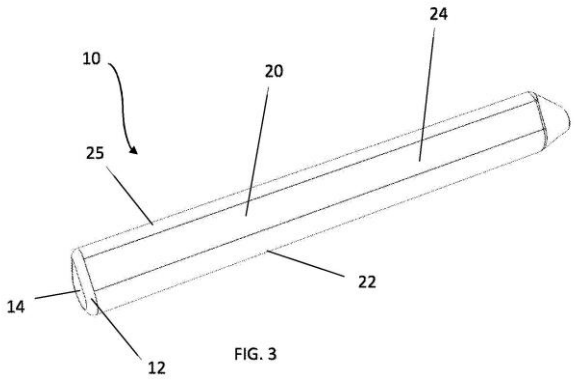


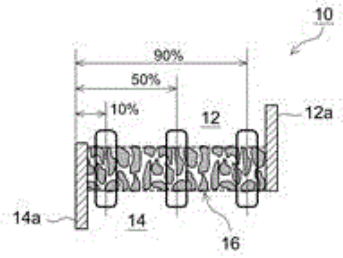
FIG. 3

21: 2018/01025. 22: 2018/02/14. 43: 2019/05/07
51: H04L; G06Q
71: BARCLAYS SERVICES LIMITED
72: FRENCH, GEORGE, HOOD, EVAN, DOOMAN, PETER, TAYLOR, DAVID
33: GB 31: 1407846.3 32: 2014-05-02
33: GB 31: 1407860.4 32: 2014-05-02
33: GB 31: 1407862.0 32: 2014-05-02
33: GB 31: 1407863.8 32: 2014-05-02
33: WO 31: PCT/GB2014/053234 32: 2014-10-30
54: TRANSACTION AUTHENTICATION
00: -
The present disclosure relates to methods, apparatuses and systems relating to multiparty computation. The disclosure provides a method of performing multiparty computation to carry out an operation, wherein the multiparty computation uses a plurality of parties arranged to jointly generate a result for the operation based on input data, the method comprising: each party of the plurality of parties generating corresponding intermediate data for use in generating the result; and performing a first authentication process on first authentication data, the first authentication data being based on the intermediate data generated by a first party of the plurality of parties, and, if the first authentication data fails the first authentication process, performing a corresponding predetermined action indicative of failure of the operation.

21: 2018/01037. 22: 2018/02/15. 43: 2019/05/23
51: A61K; A61Q
71: Colgate-Palmolive Company
72: REGE, Aarti, SURIANO, David, SULLIVAN, Richard
54: ORAL CARE COMPOSITIONS AND METHODS OF USING THE COMPOSITIONS
00: -
An oral care composition is disclosed. The composition comprises zinc phosphate and a silicate compound comprising a metallic element that in cationic form is capable of reducing tooth enamel erosion. The zinc phosphate is added to the oral care composition as a preformed salt. Methods of administering the oral care compositions to subjects in need thereof are also disclosed.

21: 2018/01045. 22: 2017/03/13. 43: 2019/05/07
51: B01J; B01D; F01N
71: CATALER CORPORATION
72: SEKINE, HIROSHI, MATSUI, SUGURU
33: JP 31: 2016-060430 32: 2016-03-24
54: EXHAUST GAS PURIFICATION DEVICE
00: -
The exhaust gas purification device according to the present invention is provided with: a base material 10 of wall flow structure that has an inlet-side cell, an outlet-side cell, and a porous dividing wall 16; and a catalyst layer that is formed inside the dividing wall abutting the inlet-side cell or the outlet-side cell. The catalyst layer is formed in a region that covers from the surface of the dividing wall up to at least 90% of the thickness of the dividing wall, and is held on the surface of internal pores in the dividing wall in said region. Average filling ratios A, B, C of the catalyst layer held in the pores within the respective pore diameter ranges satisfy a specific relation.

FIG.6



21: 2018/01053. 22: 2015/07/17. 43: 2019/05/07
51: B09B; B03B; C04B
71: IBIRCOM S.A.
72: GARÍN ROTONDARO, IÑAKI JOSÉ, GNÄDINGER, OSCAR MIGUEL
54: METHOD AND APPARATUS FOR TRANSFORMING ORGANIC AND INORGANIC SOLID URBAN WASTE INTO AGGREGATES
00: -
Method and apparatus (100) for transforming organic and inorganic solid urban waste into

aggregates, comprising an extruding machine connected to a reactor. The extruding machine is formed by an extrusion cylinder (103) through which a piston circulates (104) inside an extrusion cavity (106), which comprises three sections (107, 110, 111) and is fed with a parget obtained after pre-processing the waste. The end (115) of the third section (111) is connected to the reactor (112) through an opening (114). The reactor's longitudinal shaft is formed by a rotatory steel shaft (116) in which some steel blades are arranged (108), whose ends play the roles of cutting, hammering, punching and hydraulic helix as they rotate. Between the end of the blades and the wall of the reactor, there is a clearance of more than 0,1 mm of thickness. The reactor has a discharge valve (300) to discharge the parget present in the boundary area through some openings (304), once it has been processed by a series of pressure, vibration energy and decompression cycles.

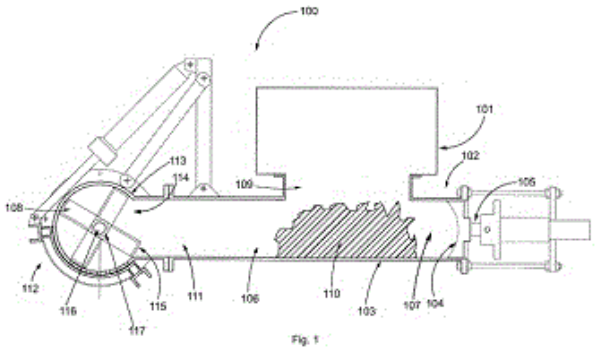
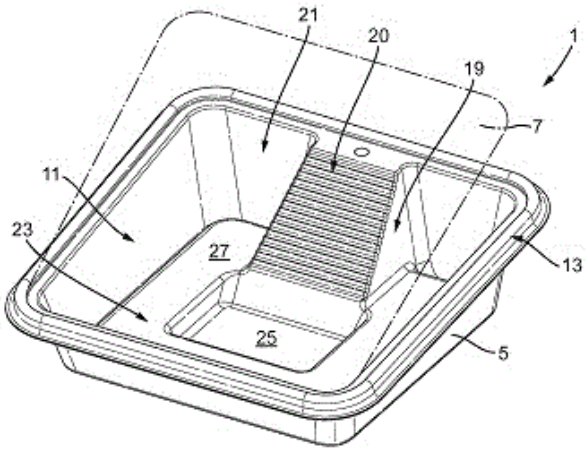


Fig. 1

21: 2018/01096. 22: 2016/09/19. 43: 2019/05/07
51: D06F
71: UNILEVER PLC
72: FLENDRIG, LEONARDUS MARCUS, METCALFE, KENNETH, PARRY, NEIL JAMES
33: EP 31: PCT/EP2016/058170 32: 2016-04-14
33: EP 31: 15186738.9 32: 2015-09-24
54: SUBSTRATE WASHING DEVICE AND PROCESS
00: -
A washing device (1) for manual washing of a substrate (9), the washing device (1) comprising a receptacle (5) for containing an aqueous wash liquor (17) with a substrate (9) at least partially immersed therein; a filling and access aperture (11) defined by the upper peripheral edge portions (13) of the washing receptacle (5); and at least one upper portion (7) of the washing device (1) which is transparent or translucent.

Fig. 1

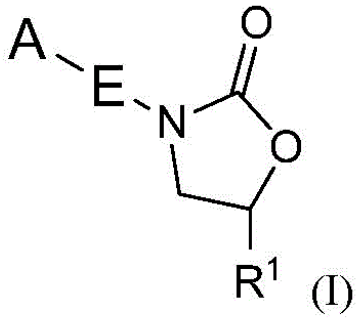


21: 2018/01097. 22: 2016/08/16. 43: 2019/05/07
51: A61K; A61Q
71: UNILEVER PLC
72: AINGER, NICHOLAS, JOHN
33: EP 31: 15184746.4 32: 2015-09-10
54: PERSONAL CLEANSING COMPOSITION
00: -
The invention provides a personal cleansing composition having a pH ranging from 4.5 to 5.1 and comprising, in an aqueous continuous phase: (i) one or more anionic cleansing surfactants; (ii) one or more dispersed benefit agents selected from hydrophobic emulsion droplets and particulate solids, and (iii) a structuring polymer selected from alkali swellable emulsion (ASE) polymers and hydrophobically modified alkali swellable emulsion (HASE) polymers; characterized in that the one or more anionic cleansing surfactants are selected from alkyl ether sulphates of general formula (I): R-O-$(CH_2CH_2-O)_n$-$SO_3^-M^+$ in which R is a straight or branched chain alkyl group having 10 to 14 carbon atoms, n is a number that represents the degree of ethoxylation and ranges from 3 to 3.5, and M is an alkali metal, ammonium or alkanolammonium cation.

21: 2018/01103. 22: 2018/02/16. 43: 2019/05/14
51: A01K; C07K; C12N
71: REGENERON PHARMACEUTICALS, INC.
72: GURER, Cagan, MURPHY, Andrew, J., THURSTON, O. Gavin, VARGHESE, Bindu

33: US 31: 61/881,261 32: 2014-09-23
54: NON-HUMAN ANIMALS HAVING A HUMANIZED SIGNAL-REGULATORY PROTEIN GENE
00: -
Genetically modified non-human animals and methods and compositions for making and using the same are provided, wherein the genetic modification comprises a humanization of an endogenous signal-regulatory protein gene, in particular a humanization of a SIRPa gene. Genetically modified mice are described, including mice that express a human or humanized SIRPa protein from an endogenous SIRPa locus.

21: 2018/01120. 22: 2018/02/19. 43: 2019/05/13
51: A61K; C07D
71: Merck Sharp & Dohme Corp.
72: MANDAL, Mihir B., OLSEN, David B., SU, Jing, YANG, Lihu, YOUNG, Katherine, SUZUKI, Takao, YOU, Lanying
33: PCT/CN 31: 2015/092563 32: 2015-10-22
54: OXAZOLIDINONE COMPOUNDS AND METHODS OF USE THEREOF AS ANTIBACTERIAL AGENTS
00: -
The present invention relates to oxazolidinone compounds of Formula (I): and pharmaceutically acceptable salts thereof, wherein A, E, and R1 are as defined herein. The present invention also relates to compositions which comprise at least one oxazolidinone compound of the invention. The invention also provides methods for inhibiting growth of mycobacterial cells as well as a method of treating mycobacterial infections by Mycobacterium tuberculosis comprising administering a therapeutically effective amount of an oxazolidinone of the invention and/or a pharmaceutically acceptable salt thereof, or a composition comprising such compound and/or salt.



(I)

21: 2018/01125. 22: 2018/02/19. 43: 2019/06/04
51: C12N; C12P
71: UNIVERSITY OF THE FREE STATE
72: SMIT, Martha, Sophia, MASEME, Mpeyake Jacob, OPPERMAN, Diederik, Johannes, PENNEC, Alizé, VAN MARWIJK, Jacqueline, JIMENEZ, Alberto, Perojil
33: GB 31: 1602574.4 32: 2016-02-12
54: PROCESS FOR THE MODIFICATION OF ALKANES, FATTY ACIDS AND FATTY ALCOHOLS
00: -
The present invention relates to a process for the microbial in-chain hydroxylation of C12 to C16 fatty acids, alchohols and alkanes at position ?-7, the process including the use of a microorganism expressing a cytrochrome P450 monooxygenase CYP505E3 or related fungal cytochrome P450 monooxygenases sharing at least 70 % amino acid identity in the production of a hydroxylated product or secondary product. The present invention further relates to a process for the preparation of lactones, esters and polymers by hydroxylation of the corresponding fatty acids, fatty alcohols and alkane precursors by a recombinant cytochrome P450 monooxygenase CYP505E3 or related fungal cytochrome P450 monooxygenases sharing at least 70 % amino acid identity

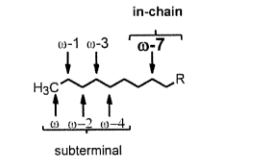


FIGURE 1

21: 2018/01128. 22: 2017/09/26. 43: 2019/05/07
51: E04C
71: ZHANG, YUE
72: ZHANG, YUE
33: CN 31: 2016109674460 32: 2016-10-31
33: CN 31: 201710069311.7 32: 2017-02-08
33: CN 31: 201710465352.8 32: 2017-06-19
33: CN 31: 201710621595.6 32: 2017-07-27
33: CN 31: 201710700964.0 32: 2017-08-16
33: CN 31: 201710621594.1 32: 2017-07-27
54: A HOLLOW PIPE-SANDWICHING METAL PLATE AND APPLICATIONS THERE OF
00: -

Disclosed are a hollow pipe-sandwiching metal plate and applications thereof. The hollow pipe-sandwiching metal plate comprises a first panel, a second panel, and multiple hollow pipes between the first panel and the second panel; gaps are arranged among the hollow pipes, and the hollow pipes are connected to the first panel and the second panel by brazing. The present invention further includes the applications of the hollow pipe-sandwiching metal plate. On one hand, the hollow pipe-sandwiching metal plate has advantages, such as light weight, high strength, low stress, high temperature resistance, pressure bearing, thermal insulation and vibration isolation; on the other hand, it can be ensured that the metal plate won't deform due to thermal difference, and thereby the permanent service life of the metal plate is guaranteed.

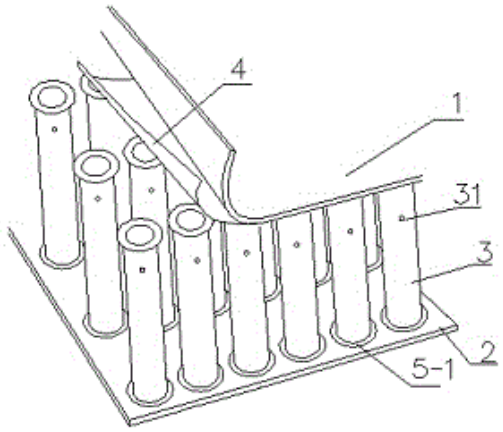


FIG. 1

21: 2018/01131. 22: 2015/07/29. 43: 2019/05/07
51: F24J
71: BOLYMEDIA HOLDINGS CO. LTD.
72: HU, XIAOPING
54: ENCLOSED SOLAR ENERGY UTILIZATION DEVICE AND SYSTEM
00: -

Disclosed is an enclosed solar energy utilization device and system. The device comprises a first receiver (110), which forms a relatively enclosed first cavity (111) with at least one light inlet (112) arranged thereon; at least one light energy conversion element (102) arranged on the inner wall or in the inner space of the first cavity (111); and at least one light guide device (104), each of which is hermetically fitted to the corresponding light inlet (112), in order to guide the externally collected sunlight to enter the first cavity (111) through the light inlet (112). The sunlight is guided into the relatively enclosed cavity, and is not be diffused once the sunlight has touched the light energy conversion element (102). Therefore, the efficiency of the conversion can be improved.

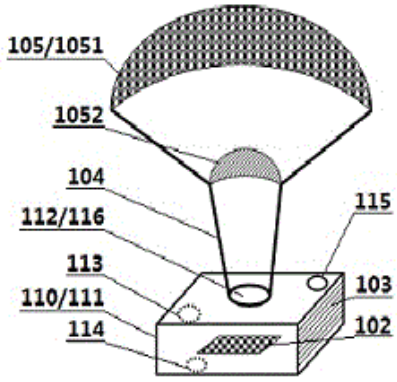


Fig. 1

21: 2018/01132. 22: 2018/02/19. 43: 2019/06/24
51: H02J
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: SHIMING WAN, JUN ZHANG, CHEN TIAN, SHEBIAO CHEN, JIADA LI, JIALIANG ZHANG
33: CN 31: PCT/CN2016/073679 32: 2016-02-05
33: CN 31: 201610600612.3 32: 2016-07-26

54: CHARGING SYSTEM, CHARGING METHOD, AND POWER ADAPTER FOR TERMINAL

00: -

A charging system, charging method, and power adapter (1) for a terminal (2). The charging system comprises the power adapter (1) and the terminal (2). The power adapter (1) comprises: a first rectifier unit (101), a switch unit (102), a transformer (103), a second rectifier unit (104), a first charging interface (105), a sampling unit (106), and a control unit (107). The control unit (107) outputs a control signal to the switch unit (102), and adjusts, according to a voltage sample value and/or a current sample value sampled by the sampling unit (106), the duty cycle of the control signal, such that the voltage of a third pulsating waveform outputted by the second rectifier unit (104) meets a charging requirement. The terminal (2) comprises a second charging interface (201) and a battery (202), and the second charging interface (201) is connected to the battery (202). When the second charging interface (201) is connected to the first charging interface (105), the second charging interface (201) applies the voltage of the third pulsating waveform to the battery (202), such that the voltage of the pulsating waveform outputted by the power adapter (1) is directly applied to the battery (202), thereby enabling miniaturization and a low cost of the power adapter (1), and increasing the service life of the battery (202).

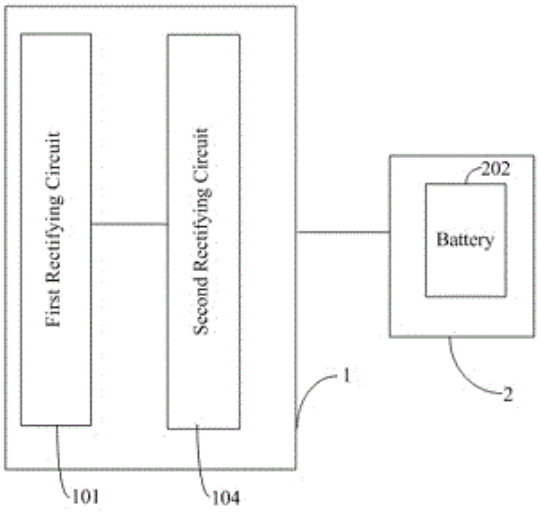


FIG. 2A

21: 2018/01133. 22: 2016/07/25. 43: 2019/05/07
51: G21C
71: ULTRA SAFE NUCLEAR CORPORATION
72: SNEAD, LANCE LEWIS
33: US 31: 62/196,975 32: 2015-07-25

54: METHOD FOR FABRICATION OF FULLY CERAMIC MICROENCAPSULATED NUCLEAR FUEL

00: -

Currently, the commercial fuel of choice, UO_2-zircaloy, is economical due to an established and simple fabrication process. However, the alternatives to the UO_2-zircaloy that may improve on system safety are sought. The fully ceramic microencapsulated (FCM) fuel system that is potentially inherently safe fuel and is an improvement on the UO_2-zircaloy system is prohibitively expensive because of the known methods to produce it. Disclosed herein is a new production route and fixturing that produces identical or superior FCM fuel consistent with mass production by providing a plurality of tristructural-isotropic fuel particles; mixing the plurality of tristructural-isotropic fuel particles with ceramic powder to form a mixture; placing the mixture in a die; and applying a current to the die so as to sinter the mixture by direct current sintering into a fuel element.

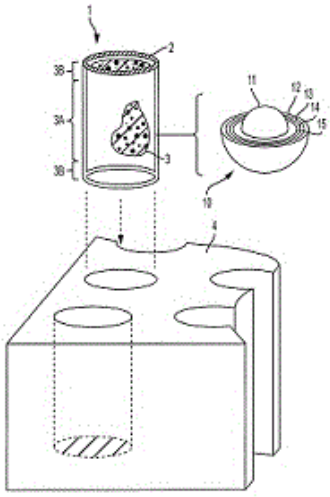
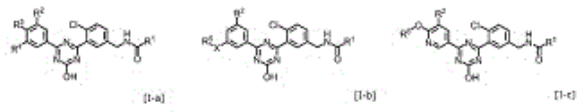


Figure 1

21: 2018/01134. 22: 2016/08/16. 43: 2019/05/17
51: C07D; A61K; A61P
71: JAPAN TOBACCO INC.
72: MITANI, IKUO, HIRONO, YUTARO, YAMASHITA, MASAKI
33: JP 31: 2015-160284 32: 2015-08-17
54: HYDROXYTRIAZINE COMPOUND AND MEDICAL USE THEREOF
00: -
The present invention provides a compound that has inhibiting activity against mPGES-1 and is useful in the prevention or treatment of pain, rheumatoid arthritis, osteoarthritis, fever, Alzheimer's disease, multiple sclerosis, arteriosclerosis, glaucoma, ocular hypertension, ischemic retinoapthy, systemic scleroderma and/or malignant tumor such as colon cancer. The present invention relates to the compound of formula [I-a], [I-b], or [I-c] or a pharmaceutically acceptable salt thereof. (Each symbol in the formulas is as defined in the description.)



21: 2018/01135. 22: 2016/09/29. 43: 2019/05/17
51: B66B
71: INVENTIO AG
72: LINDBERG, BJARNE, ROGGER, MARTIN, WUETHRICH, OLIVER, HUGENTOBLER, RETO, AUGUGLIARO, DARIO
33: EP 31: 15187692.7 32: 2015-09-30
54: LIFT SYSTEM
00: -
A lift system (1) comprises a car (3) which can move in a lift shaft (2), has a car roof (5) and which has an accessible region. A safety element (10) is arranged in the region of a roof edge of the car roof (5), for reducing the gap between the lift shaft (2) and the car (3) in order to protect people from falling into the lift shaft. The safety element (10) has a toe board section (12) for creating a toe protection and for laterally bordering the walkable region, wherein the toe board section (12) is arranged such that it is inwardly offset in relation to an outer edge (11) of the safety element (10) by a distance (D+S) and in relation to the roof edge (8) by a safety distance (S).

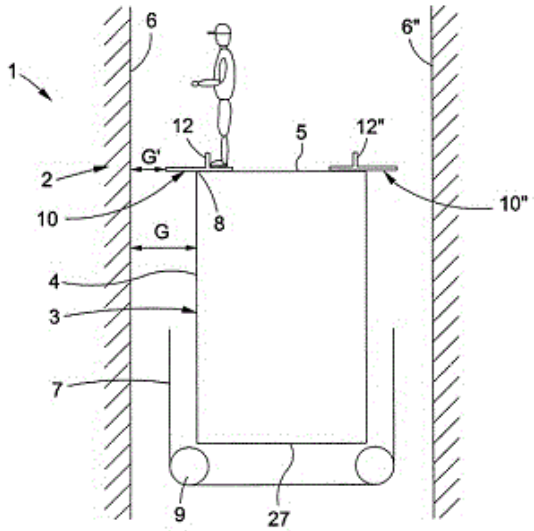


Fig. 1

21: 2018/01136. 22: 2016/08/17. 43: 2019/05/17
51: G06Q
71: MASTERCARD INTERNATIONAL INCORPORATED
72: HOWE, JUSTIN, LOWENBERG, TODD, REISKIND, ANDREW, SHUKEN, RANDY, VILLARS, CURTIS
33: US 31: 14/831,756 32: 2015-08-20
54: CARD CONTINUITY SYSTEM AND METHOD
00: -

A system, method, and computer-readable storage medium configured to maintain account continuity when payment account numbers change.

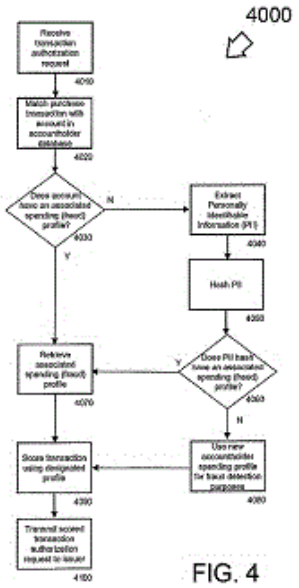


FIG. 4

21: 2018/01137. 22: 2016/07/20. 43: 2019/05/17
51: G01R; A61B; G08C
71: KIMBERLY-CLARK WORLDWIDE, INC.
72: FELDKAMP, JOSEPH R, SULLIVAN, SHAWN JEFFERY, LONG, ANDREW M
33: US 31: 62/209,933 32: 2015-08-26
54: HAND HELD DEVICES FOR MAGNETIC INDUCTION TOMOGRAPHY
00: -
Apparatus, systems, and methods for magnetic induction tomography imaging using a hand held device are provided. More particularly, a magnetic induction tomography imaging system can include a hand held magnetic induction tomography device having a housing and at least one sensing unit. The housing of the hand held device can have a form factor such that the location of a hand holding the housing is separated from the sensing unit when the hand held device is in operation. The hand held magnetic imaging tomography device can include one or more electrical components separated in the housing (e.g., by shielding) from the at least one sensing unit to reduce electromagnetic interference between the at least one sensing unit and the one or more electrical components. A positioning system involving components included internally and/or externally to the hand held device can be used to determine position data for the hand held device.

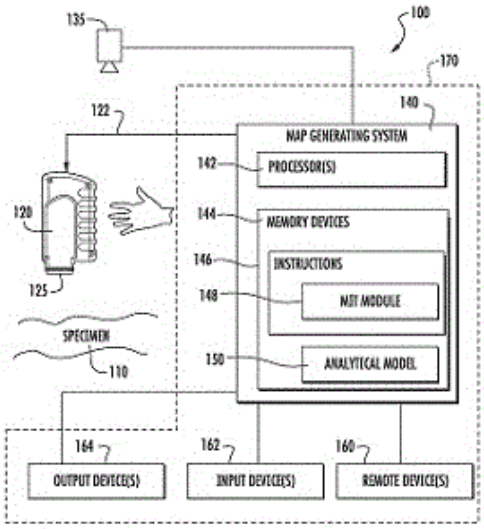


FIG. 1

21: 2018/01138. 22: 2016/07/27. 43: 2019/05/17
51: E02F
71: CATERPILLAR INC.
72: BALAN, MIHAI M, SERRURIER, DOUGLAS C
33: US 31: 14/824,749 32: 2015-08-12
54: RETENTION LOBE FOR GROUND ENGAGING TIP
00: -
A retention lobe (110) for a ground engaging tip (32) may include a lobe base (118) having a base outline (120), wherein at least a portion of the base outline may lie in a base plane (P). The base outline may include a front base edge (122) and a rear base edge (124) opposite the front base edge. The retention lobe may also include a lobe outer surface (126) spaced from the lobe base and extending from the front base edge to the rear base edge. The lobe outer surface may include a front lobe outer surface (128) extending from the front base edge obliquely relative to the base plane and toward the rear base edge. The lobe outer surface may further include a rear lobe outer surface (130) extending obliquely relative to the front lobe outer surface, such that the rear lobe outer surface tapers relative to the front lobe outer surface toward the base plane.

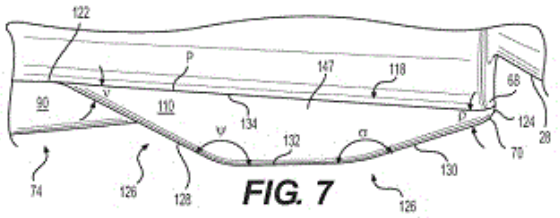


FIG. 7

21: 2018/01139. 22: 2018/02/19. 43: 2019/05/23
51: A42B; A62B
71: JSP LIMITED
72: JOHNSTONE, Clive, HARE, Stephen, BROODRYK, Andre
33: GB 31: 1515081.6 32: 2015-08-25
54: A POWERED AIR RESPIRATOR KIT
00: -
A powered air respirator kit comprising visor (9) removably attachable to a front edge of a safety helmet (4), a drive unit (1) removably attachable to said safety helmet (4), at least one filter module removably attachable to said safety helmet such that, in use, a fluid flow path is defined through said filter module to a space defined between a user's face and an inner surface of said visor, the kit further comprising a power module (10) removably attachable to said safety helmet and, in use, electrically connectable to said drive unit (1).

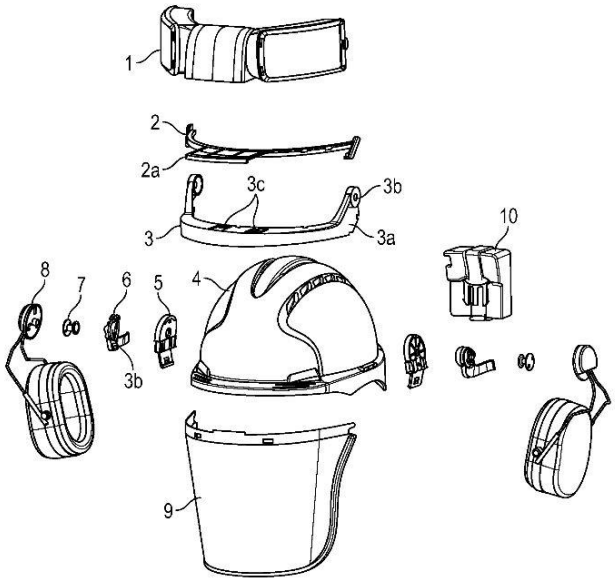


FIG. 1

21: 2018/01152. 22: 2014/05/09. 43: 2019/05/14
51: H04J
71: SUN PATENT TRUST
72: FENG, Sujuan, WANG, Lilei, SUZUKI, Hidetoshi, BASU MALLICK, Prateek
54: DEVICE TO DEVICE SYNCHRONIZATION SOURCE SELECTION
00: -
The present invention relates to selection of synchronization source among various synchronization sources which include sources determining the synchronization signal from the network such as base stations(network nodes)or user equipments which receive the synchronization signal possibly over other hops from the base station,and which further includes sources which do not determine their synchronization signal from the network. The selection of the synchronization source is performed by choosing the source with the most reliable synchronization signal based on a metric calculated for each of the sources considered.In particular, the metric is based on the type of the source, number of hops between the network and the source and/or received signal quality. After selecting the source, the timing of the device is adapted accordingly.

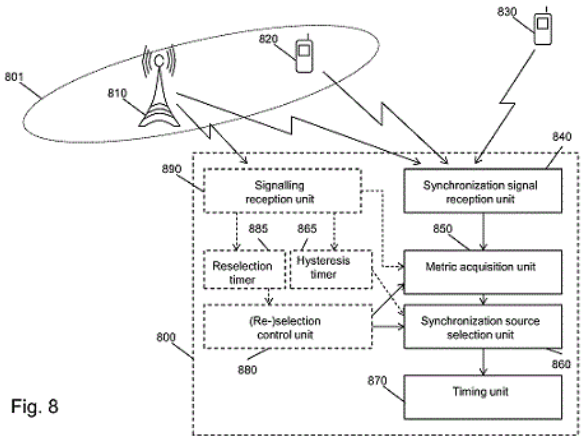
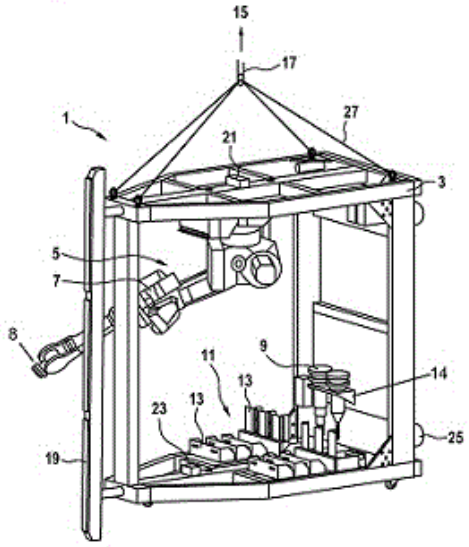


Fig. 8

21: 2018/01168. 22: 2016/06/30. 43: 2019/05/17
51: B66B
71: INVENTIO AG
72: STUDER, CHRISTIAN, BITZI, RAPHAEL, BÜTLER, ERICH, CAMBRUZZI, ANDREA, ZIMMERLI, PHILIPP
33: EP 31: 15178287.7 32: 2015-07-24
54: AUTOMATED MOUNTING DEVICE FOR PERFORMING ASSEMBLY JOBS IN AN ELEVATOR SHAFT OF AN ELEVATOR SYSTEM
00: -

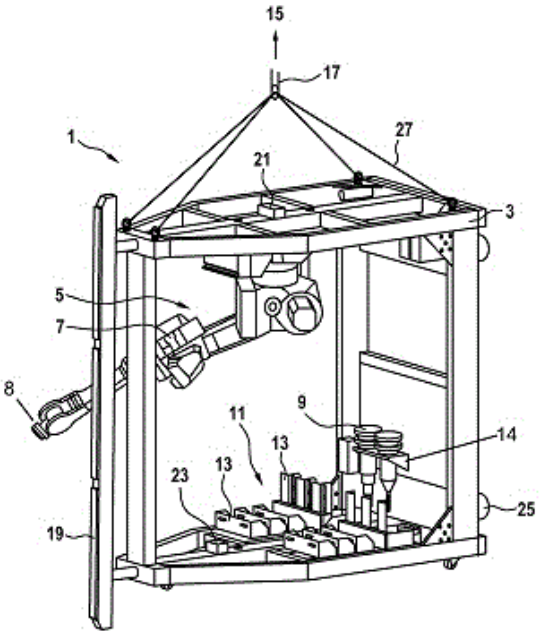
A mounting device (1) for performing an assembly process in an elevator shaft (103) of an elevator system (101) is described. Said mounting device (1) comprises a support component (3) and a mechatronic assembly component (5). The support component (3) is designed to move within the elevator shaft (103). The assembly component (5) is retained on the support component (3) and is designed to carry out a mounting step in an at least partially automatic manner during the assembly process. In particular, the assembly component (5) can be in the form of an industrial robot (7). The mounting device (1) allows repetitive mounting jobs, for example, such as drilling holes and driving in screws, etc., to be performed in a partially or fully automated manner. The mounting effort, time and/or costs can be reduced.

Fig. 2



21: 2018/01169. 22: 2016/06/30. 43: 2019/05/14
51: B66B
71: INVENTIO AG
72: CAMBRUZZI, ANDREA, BÜTLER, ERICH, ZIMMERLI, PHILIPP, BITZI, RAPHAEL, STUDER, CHRISTIAN
33: EP 31: 15178287.7 32: 2015-07-24
54: AUTOMATED MOUNTING DEVICE FOR PERFORMING ASSEMBLY JOBS IN AN ELEVATOR SHAFT OF AN ELEVATOR SYSTEM
00: -
A mounting device (1) for performing an assembly process in an elevator shaft (103) of an elevator system (101) is described. Said mounting device (1) comprises a support component (3) and a mechatronic assembly component (5). The support component (3) is designed to move within the elevator shaft (103). The assembly component (5) is retained on the support component (3) and is designed to carry out a mounting step in an at least partially automated manner during the assembly process. In particular, the assembly component (5) can be in the form of an industrial robot (7). The mounting device (1) allows holes to be drilled in a partially or fully automated manner. Furthermore, other repetitive mounting jobs such as driving in screws, etc., ca be performed in a partially or fully automated manner. The mounting effort, time and/or costs can be reduced.

Fig. 2



21: 2018/01170. 22: 2016/07/18. 43: 2019/05/14
51: A47J
71: PURTON, WILLIAM WESTMORE
72: PURTON, WILLIAM WESTMORE
33: AU 31: 2015902907 32: 2015-07-22
54: ESPRESSO MILK FROTHER PROBE
00: -
A milk frothing apparatus which includes a steam probe which consists of an inner steam tube surrounded by an outer tube spaced annularly from the inner tube with a nozzle mounted on the end of said outer tube adjacent the outlet end of said inner

tube. The air gap between the inner and outer tubes insulates the outer tube from the heat generated in the inner tube during the steam cycle. By using stainless steel the milk does not stick to the cool outer tube surface and no cleaning of the outer surface of the probe is necessary. The steam itself keeps the inner surfaces of the probe clean.

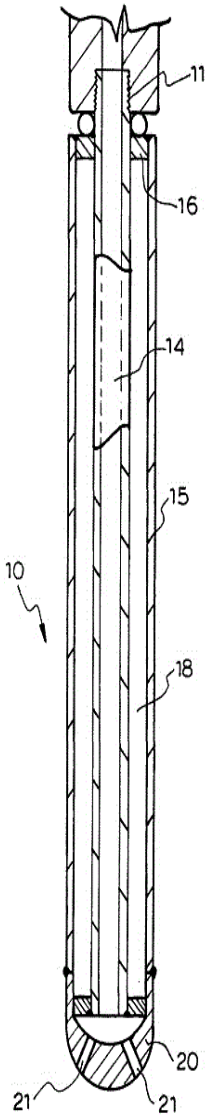


FIG.1

21: 2018/01243. 22: 2018/02/23. 43: 2019/05/14
51: A61J
71: Handi-Craft Company
72: KEMPER, Bernard J., MILLER, Charles H.
33: US 31: 62/064,718 32: 2014-10-16

54: DUAL CONFIGURATION BOTTLE ASSEMBLY

00: -

A bottle assembly has an open ended container and a vent assembly positionable at least in part on the rim of the container to permit venting of the container during use. The vent assembly generally comprises a vent insert and a receptacle portion releasably connectable to the vent insert. The vent insert includes an annular lip depending longitudinally within the container upon positioning of the vent assembly on the rim of the container. The annular lip has a transversely inner surface having one of a catch and a latch.

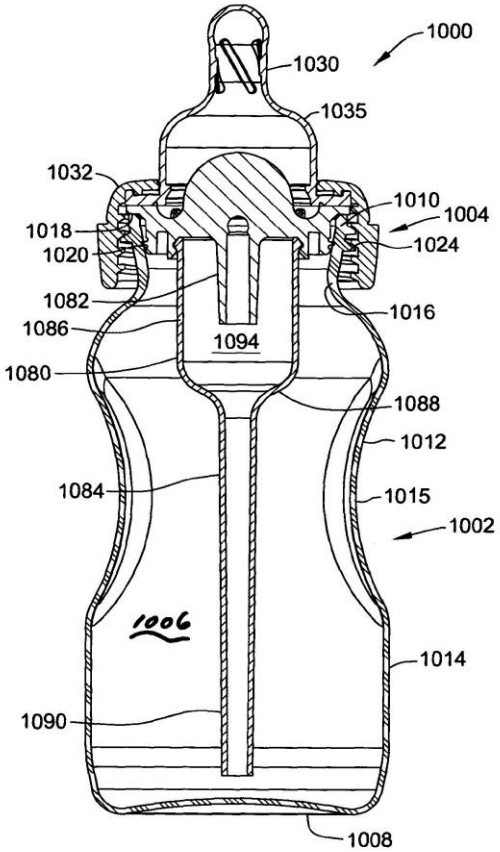


FIG. 17

21: 2018/01245. 22: 2015/04/27. 43: 2019/05/13
51: C05G
71: SABIC GLOBAL TECHNOLOGIES B.V.
72: KANNAN, GANESH, AHMED, LABEEB
CHAUDHARY, DUCKWORTH, BELINDA, BELL,

PHILIP WESLEY, SUBRAMANIAN, SHANKAR KOLLENGODU
33: US 31: 61/988,459 32: 2014-05-05
54: COATED GRANULAR FERTILIZERS, METHODS OF MANUFACTURE THEREOF, AND USES
00: -
A coated fertilizer comprises a fertilizer granule; and a coating disposed on a surface of the fertilizer granule, wherein the coating comprises a poly(lactic acid); a second polymer comprising a poly(butylene succinate), a cellulose triacetate, or a combination comprising at least one of theforegoing; and a sealant. Methods of making the coated fertilizer are also disclosed.

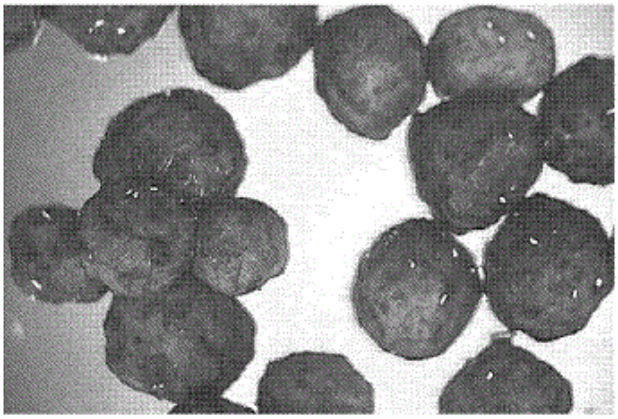


FIG. 1

21: 2018/01251. 22: 2018/02/23. 43: 2019/06/04
51: B02C
71: METSO MINERALS, INC.
72: PELTONEN, Mika, KUJANSUU, Petri
54: CRUSHER FRAME
00: -
A mineral material processing plant, a crusher and an upper frame for a crusher. The upper frame comprising a central hub (22) for receiving a main shaft of the crusher; an upper rim (36); and a spider arm (12); wherein a u-shaped cavity extends towards a lower flange (24) from the upper rim (36).

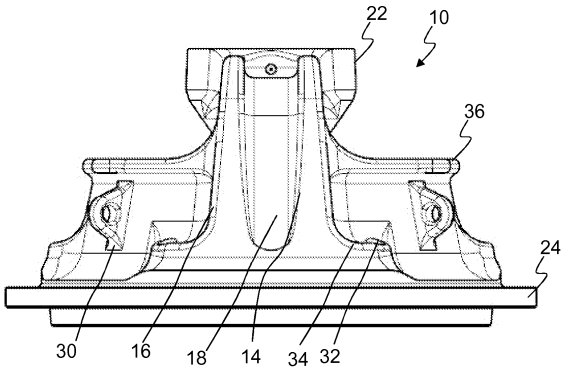


FIG. 2

21: 2018/01261. 22: 2016/07/19. 43: 2019/05/17
51: A61F
71: TEOLAB
72: MEDAS, BERTRAND
33: FR 31: 1557046 32: 2015-07-24
54: ERGONOMIC MENSTRUAL CUP
00: -
The invention relates to a menstrual cup (10) having a bell-shaped lower part (20), comprising a plurality of non-convex grip surfaces (22, 24) which are distributed in a substantially axisymmetric manner at least over said bell-shaped lower part (20), and designed so as to be able to be pinched by the user's fingers in order to facilitate the removal of the cup.

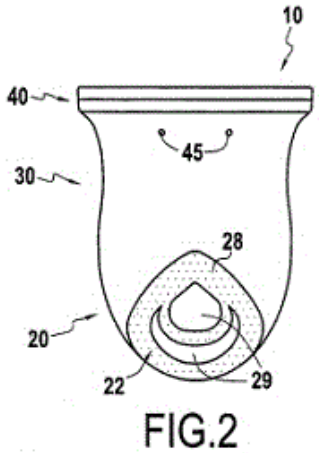
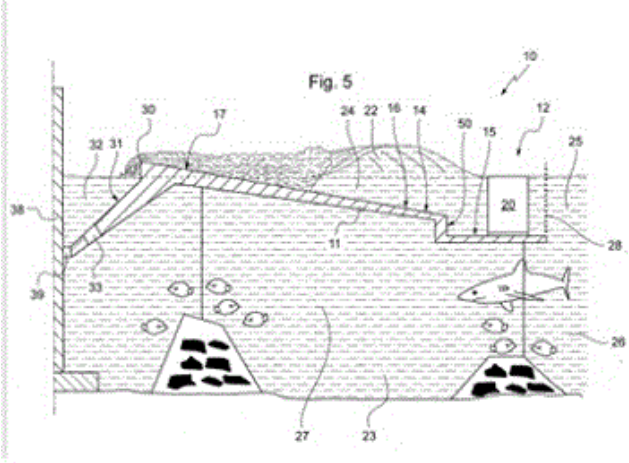


FIG.2

21: 2018/01262. 22: 2016/07/27. 43: 2019/05/17
51: E04H

71: HEQUILY, LAURENT
72: HEQUILY, LAURENT
33: FR 31: FR 1557225 32: 2015-07-28
54: A DYNAMIC ARTIFICIAL WAVE FACILITY FOR THE PRACTICE OF SURFING
00: -
The facility comprises a wave generator (12), a support (11) comprising an edge zone (15), a culminating zone (17), a progression zone (16) sloping upwardly between the edge and culminating zones, a crest (30) between the culminating zone and a depressed zone (31) which is depressed relative to the crest, water situated over the edge and progression zones, which forms part of an aquatic environment (23) comprising horizontally contiguous upper (25) and deep (26) regions which are respectively higher than and lower than the edge zone, and an inner zone (24) over the edge and progression zones and which is vertically contiguous with the upper region; the facility being configured such that the water at end of travel of the waves gets past the crest and falls into a reception volume delimited by the depressed zone when the generator is in use; and a fluidic communication (27) below the support linking said deep region to an opening (33, 39) that is open to said reception volume.



21: 2018/01264. 22: 2016/08/02. 43: 2019/05/17
51: B62D
71: CATERPILLAR INC.
72: OERTLEY, THOMAS E, KOWALSKI, THOMAS J
33: US 31: 14/830,275 32: 2015-08-19
54: LUBRICATED CARTRIDGE FOR HYDRAULIC MINING SHOVEL TRACK
00: -
A cartridge assembly (200) for a track chain includes a bushing (204) and a track pin (202). The bushing (204) has an outer surface (224) and an inner surface (222), the inner surface (222) defining a passage in the form of a cylindrical bore (226). The bushing (204) forms a lubrication reservoir (228) adjacent the inner surface (222) of the bushing (204) and extending towards the outer surface (224) of the bushing (204). The track pin (202) is disposed within the cylindrical bore (226), and the bushing (204) is rotatable with respect to the track pin (202). An outer surface (280) of the track pin (202) is in fluid communication with the lubrication reservoir (228). The outer surface (224) of the bushing (204) corresponds with an outer diameter of the cartridge assembly (200). The outer diameter of the cartridge assembly (200) is less than a diameter of supporting bores (130, 132, 134) such that the cartridge assembly (200) is rotatable with respect to inside surfaces (164, 166, 168) of the supporting bores (130, 132, 134).

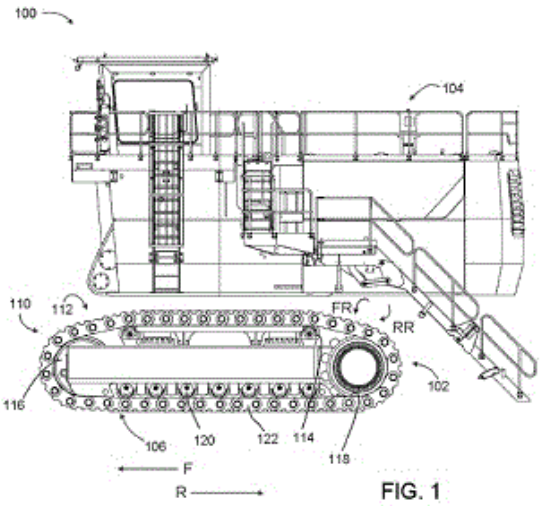


FIG. 1

21: 2018/01270. 22: 2016/09/15. 43: 2019/05/17
51: B01D; B01J; B03B
71: L'AIR LIQUIDE SOCIÉTÉ ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE, THE PETROLEUM OIL AND GAS CORPORATION OF SOUTH AFRICA (SOC) LTD
72: RUPPEL, MANFRED, SCHARF, KIM, EICHMANN, UWE, KIRSTEN, KLAUS

33: EP 31: 15185912.1 32: 2015-09-18

54: PROCESS AND APPARATUS FOR SEPARATING PARTICLES OF A CERTAIN ORDER OF MAGNITUDE FROM A SUSPENSION

00: -

The invention comprises a process and a plant for separating a suspension C from a suspension A, wherein the fraction of particles P_c in the suspension C, which have a diameter smaller than a defined limit grain diameter, is greater than in the suspension A by at least the factor of 2. The suspension A (110) is introduced into a container (100) extending from the bottom to the top and a suspension B (118) is withdrawn from the container as a first partial stream, whose fraction of particles with a diameter greater than the defined limit grain diameter is increased with respect to suspension A. Due to the fact that suspension C is withdrawn from the container in a second partial stream (112, 113) above the first partial stream (118), in that the flow velocity of the suspension C is greater than the sinking velocity of the particles P_c contained therein, an effective separation can be achieved.

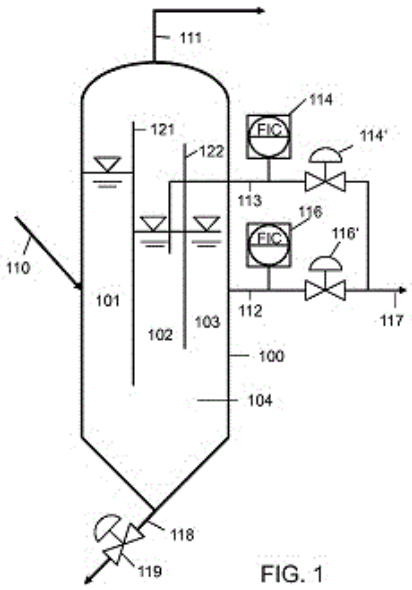


FIG. 1

21: 2018/01271. 22: 2016/08/11. 43: 2019/05/17

51: C01B; B01J

71: CHEVRON U.S.A. INC.

72: OJO, ADEOLA FLORENCE, XIE, DAN, ZHANG, YIHUA, LEI, GUAN-DAO

33: US 31: 14/837,071 32: 2015-08-27

33: US 31: 14/837,087 32: 2015-08-27

33: US 31: 14/837,108 32: 2015-08-27

33: US 31: 14/837,094 32: 2015-08-27

54: MOLECULAR SIEVE SSZ-91, METHODS FOR PREPARING SSZ-91, AND USES FOR SSZ-91

00: -

A family of new crystalline molecular sieves designated SSZ-91 is disclosed, as are methods for making SSZ-91 and uses for SSZ-91. Molecular sieve SSZ-91 is structurally similar to sieves falling within the ZSM-48 family of molecular sieves, and is characterized as: (1) having a low degree of faulting, (2) a low aspect ratio that inhibits hydrocracking as compared to conventional ZSM-48 materials having an aspect ratio of greater than 8, and (3) is substantially phase pure.

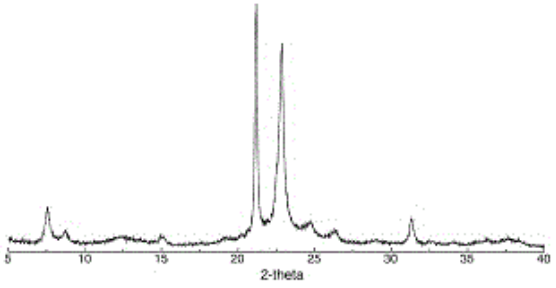


FIG. 1
(PRIOR ART)

21: 2018/01294. 22: 2018/02/26. 43: 2019/05/02

51: A01K; A01N; B01D; C02F

71: Renew Group Pte Ltd

72: TALLY, William N., KOWALSKI, Dereck, MORAN, Kevin Franicis, BHARGAVA, Manoj

33: US 31: 62/210,485 32: 2015-08-27

54: WATER TREATMENT SYSTEM

00: -

The present disclosure relates a system for the treatment of water. The water treatment system may be linked an aquatic protection system or a water filtration system.

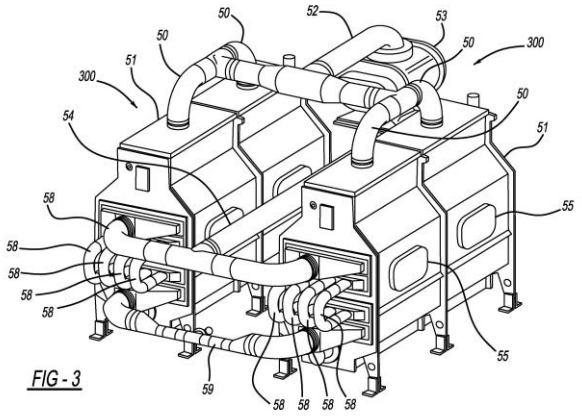


FIG - 3

21: 2018/01302. 22: 2016/07/27. 43: 2019/05/17
51: C12N; A01N
71: AZOTIC TECHNOLOGIES LTD
72: DENT, DAVID, PATEL, DHAVAL, DEVINE, GARY
33: GB 31: 1513277.2 32: 2015-07-28
54: NOVEL MICROORGANISMS AND THEIR USE IN AGRICULTURE
00: -
A strain of Gluconacetobacter diazotrophicus (Gd) characterised by the presence of at least one nucleic acid sequence selected from SEQ ID NOS 1-10 or variants or paralogues thereof and/or the presence of a single plasmid of about 17566 bp in size. Such strains, exemplified by IMI504853, are useful in agriculture, in particular as they are able to colonise plants intracellularly.

21: 2018/01303. 22: 2016/10/04. 43: 2019/05/17
51: A61K; A61Q
71: UNILEVER PLC
72: FRANKLIN, KEVIN RONALD, FLETCHER, NEIL ROBERT
33: EP 31: 15193410.6 32: 2015-11-06
54: ANTIPERSPIRANT COMPOSITIONS
00: -
An aqueous composition comprising basic aluminium chloride salt of formula $Al_2OH_{4.4}Cl_{1.6}$ to $Al_2OH_{4.9}Cl_{1.1}$, calcium chloride at a molar level of 0.020 or greater relative to the aluminium present, and glycine at a molar level of 0.050 or greater relative to the aluminium present, characterised in that the molar ratio of aluminium to the sum of the molar amounts of the calcium chloride and glycine is from 3.9:1 to 6.1:1 and in that the molar ratio of glycine to Al is greater than 1.7:10 and the molar ratio of Ca to Al is less than 0.35:10 or the molar ratio of Ca to Al is greater than 0.35:10 and the molar ratio of glycine to Al is less than 1.7:10.

21: 2018/01304. 22: 2015/09/02. 43: 2019/05/17
51: H04W; H04B
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: BERGSTRÖM, ANDREAS, RAMACHANDRA, PRADEEPA, ALRIKSSON, PETER
54: MOBILITY PROCEDURES BETWEEN BEAMS FROM DIFFERENT RADIO NETWORK NODES
00: -
Embodiments herein relate to a method performed by a second radio network node (13) for enabling a mobility procedure of a wireless device (10) between a first radio network node (12) and the second radio network node in a wireless communication network (1). The second radio network node (13) determines an active set of beams used at the second radio network node for connected wireless devices, and the second radio network node (13) transmits an indication to the first radio network node (12). The indication indicates the determined active set of beams. The active set of beams is used in the mobility procedure of the wireless device (10).

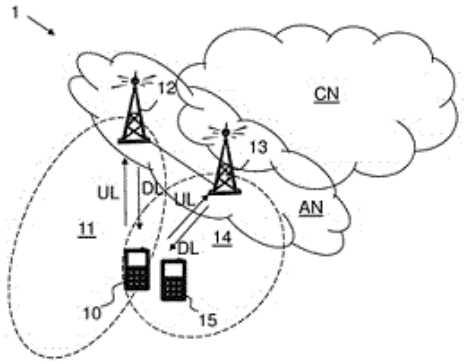


Fig. 3

21: 2018/01305. 22: 2016/08/24. 43: 2019/05/17
51: A61K; A61P
71: ITOCHU CHEMICAL FRONTIER CORPORATION, OISHI KOSEIDO CO., LTD.
72: MORI, TATSUYA, SAIDA, NAOYUKI
33: US 31: 62/208,985 32: 2015-08-24

54: NON-AQUEOUS PATCH COMPRISING LIDOCAINE

00: -

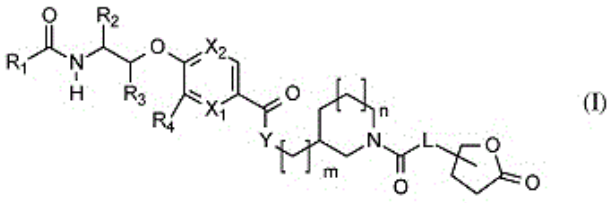
The present invention relates to non-aqueous patches containing lidocaine.

21: 2018/01306. 22: 2016/09/13. 43: 2019/05/17
51: C07D; A61K; A61P
71: LEO PHARMA A/S
72: JOHNSON, PATRICK STEPHEN, DACK, KEVIN NEIL, HENRIKSSON, KRISTER
33: EP 31: 15185283.7 32: 2015-09-15

54: NON-STEROIDAL GLUCOCORTICOID RECEPTOR MODULATORS FOR LOCAL DRUG DELIVERY

00: -

The present invention relates to a compound according to formula (I) wherein R_1 is selected from the group consisting of 5- and 6- membered heteroaryl, (C_1- C_6)alkyl, (C_3-C_6)cycloalkyl, (4-6)-membered heterocycloalkyl and phenyl; R_2 is selected from (C_1-C_3)alkyl and halo(C_1-C_3)alkyl; R_3 is selected from phenyl, 5-membered heteroaryl and 6-membered heteroaryl; R_4 is selected from hydrogen, halogen, (C_1- C_4)alkyl and halo(C_1-C_4)alkyl; X_1 is selected from CH, C(R_b) and N, X_2 is selected from CH and N; Y is selected from -NH- and -O-; m is 0 or 1; n is 0 or 1; L represents a bond, -O-, -NH- or -N(R_C)-; or pharmaceutically acceptable salts, hydrates, or solvates thereof. The invention relates further to intermediates for the preparation of said compounds, to said compounds for use in therapy, to pharmaceutical compositions comprising said compounds, to methods of treating diseases with said compounds, and to the use of said compounds in the manufacture of medicaments.



(I)

21: 2018/01308. 22: 2016/08/12. 43: 2019/05/17
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: MUKHERJEE, AMITAV, CHENG, JUNG-FU, KOORAPATY, HAVISH, FALCONETTI, LAETITIA, FALAHATI, SOROUR, LARSSON, DANIEL
33: US 31: 62/205,024 32: 2015-08-14

54: CHANNEL ACCESS CONFIGURATION

00: -

Embodiments herein relate to a method performed by a scheduling node (12) for scheduling an uplink transmission from a wireless device (10) to the scheduling node (12), which wireless device (10) is connected to a Primary Cell, Pcell, of the scheduling node in a licensed or unlicensed frequency band, and wherein the wireless device (10) is also connected to at least one Secondary Cell, SCell, in an unlicensed frequency band. The scheduling node determines at least one Listen Before Talk, LBT, parameter associated with an LBT procedure and informs the wireless device (10) about the determined at least one LBT parameter in a scheduling grant of the uplink transmission.

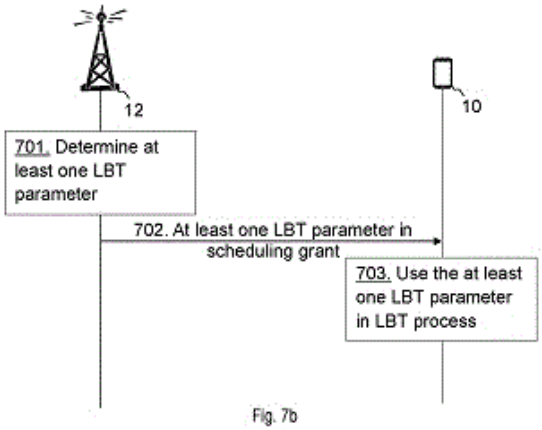


Fig. 7b

21: 2018/01309. 22: 2016/06/22. 43: 2019/05/17
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: MUKHERJEE, AMITAV, KOORAPATY, HAVISH, CHENG, JUNG-FU
33: US 31: 62/205,036 32: 2015-08-14

54: FIRST COMMUNICATION DEVICE AND METHODS THEREIN, FOR SENDING ONE OR MORE CONTROL SIGNALS TO A SECOND COMMUNICATION DEVICE

00: -

A method performed by a first communication device (101) for sending one or more control signals to a second communication device (102). The first communication device (101) and the second

communication device (102) operate in a wireless communications network (100). The first communication device (101) determines (901), during a first period, that a transmission medium is available for sending the one or more control signals to the second communication device (102). The first communication device (101) then sends (902), to the second communication device (102), the one or more control signals along with a discovery signal, via the transmission medium. The discovery signal and the one or more control signals are sent without data after the first period. The first period is shorter than a second period for determining that the transmission medium is available for sending the data.

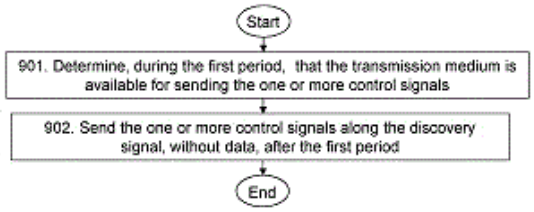


Figure 9

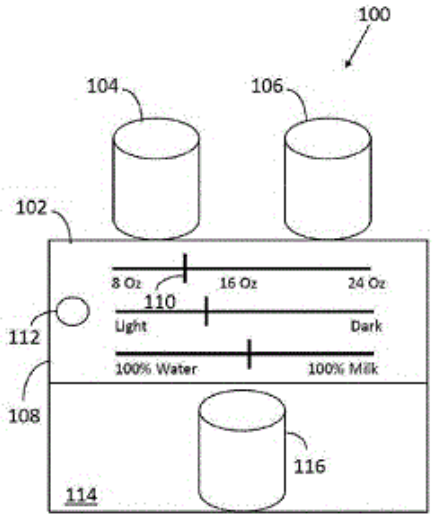
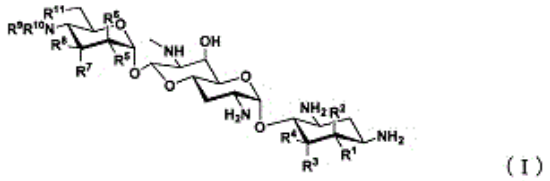


FIG. 1

21: 2018/01311. 22: 2016/07/27. 43: 2019/05/17
51: A47J
71: CAMELLIA LABS INC
72: CHAWLA, GAURAV, LEANSE, MATT, RELAN, PETER A
33: US 31: 62/198,064 32: 2015-07-28
54: APPARATUS AND METHOD FOR MAKING TEA LATTE
00: -
An apparatus includes a body, a removable first container for water for positioning on the body, a boiler within the body receives water from the first container, a heater adjacent to the boiler heats the water in accordance with at least one preparation parameter. The apparatus further includes a removable second container that is a combination milk carafe and boiler for positioning on the body and a separate heater adjacent to the milk carafe and boiler for heating the milk in accordance with at least one preparation parameter. A filter and a dispensing valve are controlled electronically. An interface and display for entering brewing parameters and a microcomputer for the controlling the apparatus.

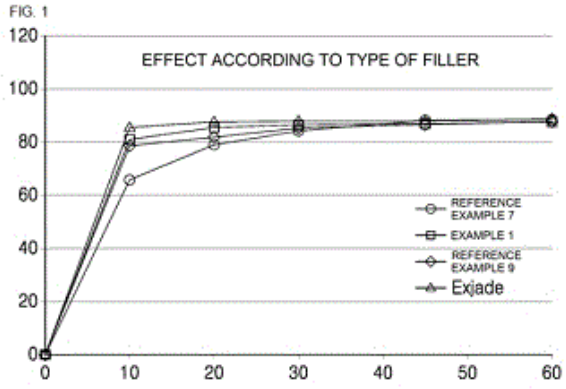
21: 2018/01312. 22: 2016/07/29. 43: 2019/05/17
51: C07H; A61K; A61P
71: MICROBIAL CHEMISTRY RESEARCH FOUNDATION, MEIJI SEIKA PHARMA CO., LTD.
72: TAKAHASHI, YOSHIAKI, UMEMURA, EIJIRO, IDA, TAKASHI, IGARASHI, MASAYUKI
33: JP 31: 2015-151250 32: 2015-07-30
54: NOVEL AMINOGLYCOSIDE ANTIBIOTIC EFFECTIVE AGAINST MULTIDRUG-RESISTANT BACTERIA
00: -
Disclosed are: a compound represented by general formula (I), or a pharmaceutically acceptable salt of the compound, or a solvate of the compound or the pharmaceutically acceptable salt; a pharmaceutical composition containing the compound, the pharmaceutically acceptable salt or the solvate; a use of the compound, the pharmaceutically acceptable salt or the solvate for the prevention or treatment of infectious diseases; and a method for preventing or treating infectious diseases using the compound, the pharmaceutically acceptable salt or the solvate. The compound represented by general formula (I) has an antibacterial activity against both gram-positive bacteria and gram-negative bacteria, and is therefore useful for the prevention or treatment of infectious diseases induced by these bacteria.



(I)

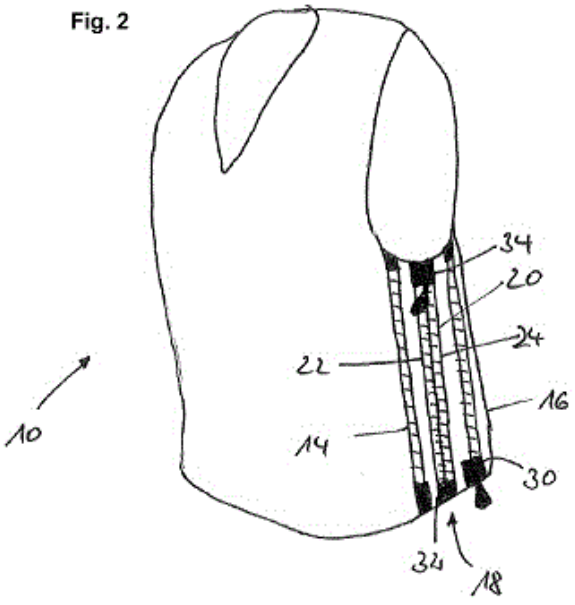
21: 2018/01344. 22: 2016/08/04. 43: 2019/05/24
51: C07D
71: DOW AGROSCIENCES LLC, THE REGENTS OF THE UNIVERSITY OF MICHIGAN
72: SANFORD, MELANIE, RYAN, SARAH, SCHIMLER, SYDONIE, CHENG, YANG, BLAND, DOUGLAS
33: US 31: 62/200,983 32: 2015-08-04
54: PROCESS FOR FLUORINATING COMPOUNDS
00: -
Disclosed are mild temperature (e.g., from 0 to 80°C) S_NAr fluorinations of a variety of halide and sulfonate substituted aryl and heteroaryl substrates using NMe_4F.

21: 2018/01345. 22: 2016/07/25. 43: 2019/05/17
51: A61K
71: KUHNIL PHARM. CO., LTD.
72: KU, JEONG, KIM, EUNHYE
33: KR 31: 10-2015-0108860 32: 2015-07-31
54: DEFERASIROX-CONTAINING POWDER AND METHOD FOR PREPARING SAME
00: -
One aspect of the present invention provides a powder and a method for preparing same, the powder comprising 20 to 45 wt% of a combination of lactose and sucrose with respect to the total weight of the powder, and containing, as an active ingredient, deferasirox or a pharmaceutically acceptable salt thereof.



21: 2018/01348. 22: 2017/03/17. 43: 2019/05/17
51: A41D
71: PFANNER SCHUTZBEKLEIDUNG GMBH
72: PFANNER, ANTON
33: DE 31: 10 2016 105 007.5 32: 2016-03-17
54: ARTICLE OF CLOTHING, IN PARTICULAR PROTECTIVE VEST, AND ZIPPER ASSEMBLY
00: -
The invention relates to an article of clothing (10), in particular a protective vest, the size of which can be adjusted. At least one outer zipper (12) with two rows of teeth (14, 16) is provided. The article of clothing (10) has a first size in a closed state of the outer zipper (12) and a second size in an open state of the outer zipper (12), wherein the first size is smaller than the second size. In the open state of the outer zipper (12), the rows of teeth (14, 16) are held together at a distance from each other by material (18) which is at least partly covered by the outer zipper (12) in the closed state of the outer zipper (12). According to the invention, an inner zipper (20) with two rows of teeth (22, 24) is provided, said zipper being at least partly covered by the outer zipper (12) in the closed state of the outer zipper (12) and being exposed in the open state of the outer zipper (12). The article of clothing (10) has the second size in a closed state of the inner zipper (20) and a third size in an open state of the inner zipper (20), wherein the second size is smaller than the third size. In the open state of the inner zipper (20), the rows of teeth (22, 24) of the inner zipper (20) are held together at a distance from each other by material (26) which is at least partly covered by the inner zipper (20) in the closed state of the inner zipper (20).

Fig. 2



21: 2018/01349. 22: 2016/08/16. 43: 2019/05/21
51: H04L; H04W
71: NAGRAVISION S.A.
72: FISCHER, NICOLAS, GAUTERON, LAURENT
33: US 31: 14/861,776 32: 2015-09-22
54: METHODS AND SYSTEMS FOR AUTHENTICATION USING ZERO-KNOWLEDGE CODE
00: -
Methods and systems for authentication using zero-knowledge code. One embodiment takes the form of a process that includes detecting an accessory-access-request event associated with a trusted accessory. The process includes generating a seed sequence having a first number of seed-sequence elements. The process includes outputting an indication of at least one seed-sequence element. The process includes receiving at least one seed-sequence-element-modifier signal for at least one of the seed-sequence elements. The process includes modifying the generated seed sequence in accordance with the at least one received seed-sequence-element-modifier signal. The process includes comparing the modified seed sequence with a stored access sequence. The process includes granting operational access to the trusted accessory when the modified seed sequence matches the stored access sequence. The process includes denying operational access to the trusted accessory when the modified seed sequence does not match the stored access sequence.

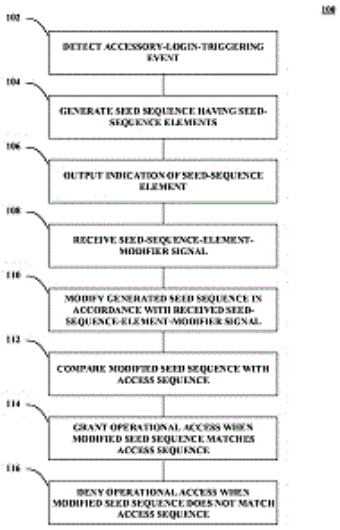


FIG. 1

21: 2018/01350. 22: 2016/08/25. 43: 2019/05/17
51: C12Q
71: SELF-SCREEN B.V.
72: HESSELINK, ALBERTUS THEODORUS
33: EP 31: 15182601.3 32: 2015-08-26
54: ZIC1 AND GHSR, MOLECULAR DIAGNOSTIC MARKERS FOR HPV-INDUCED INVASIVE CANCERS, NONHPV-INDUCED GYNAECOLOGICAL AND ANOGENITAL CANCERS AND THEIR HIGH-GRADE PRECURSOR LESIONS
00: -
The invention relates to method for detecting HPV-induced high-grade precancerous lesions, HPV-induced invasive cancers and non HPV-induced gynaecological and anogenital cancers, said method comprising detection of hypermethylation in the ZIC1 and/or GHSR gene in a cell whereby such hypermethylation indicates the presence of HPV-induced precursor lesions with invasive potential, HPV-induced invasive cancers and non HPV-induced gynaecological and anogenital cancers. The invention further comprises the use of the ZIC1 and/or GHSR gene in such a method and a testkit for the detection of ZIC1 and/or GHSR methylation.

21: 2018/01351. 22: 2016/07/28. 43: 2019/05/17
51: H01Q
71: THE UNIVERSITY OF MANCHESTER

72: BROWN, ANTHONY KEITH, ZHANG, YONGWEI
33: GB 31: 1513360.6 32: 2015-07-29
54: WIDE BAND ARRAY ANTENNA
00: -
The invention provides an antenna array including an array of unit cells, each unit cell including two annular elements of a first type and two annular elements of a second type wherein in each unit cell: the elements of the first type comprise a balanced feed to produce radiation in a first polarisation direction, the elements of the second type comprise a balanced feed to produce radiation in a second polarisation direction, and each element of the first type is capacitively coupled to a further element of the first type located in an adjacent unit cell, and each element of the second type is capacitively coupled to a further element of the second type located in an adjacent unit cell.

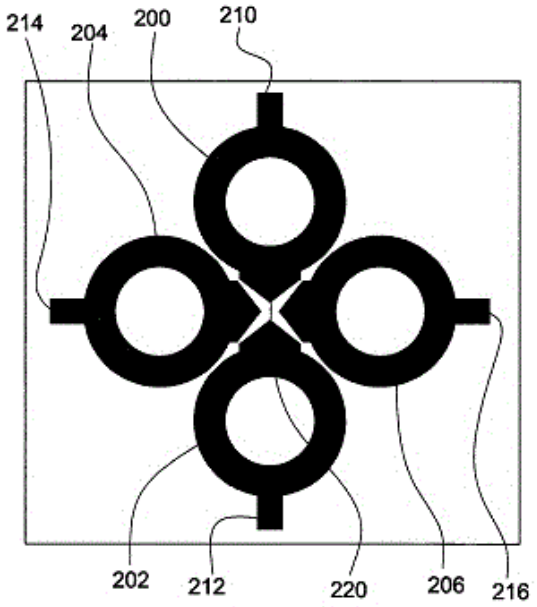
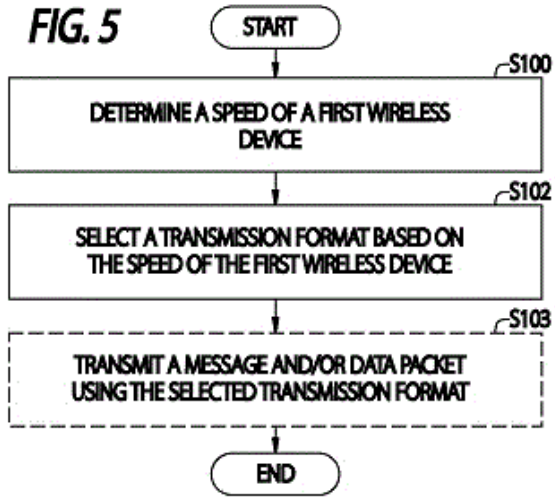


Figure 9

21: 2018/01352. 22: 2016/09/21. 43: 2019/05/17
51: H04W; H04L
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: SORRENTINO, STEFANO, BLASCO SERRANO, RICARDO
33: US 31: 62/233,028 32: 2015-09-25
54: SPEED DEPENDENT TRANSMISSION FORMAT FOR VEHICULAR TRANSMISSION
00: -
A method and system for selecting a transmission format of a first wireless device in a wireless communication network are provided. According to one aspect, a method for selecting a transmission format includes determining a speed of the first wireless device, selecting a transmission format based on the speed of the first wireless device.



21: 2018/01354. 22: 2016/08/17. 43: 2019/05/17
51: C23C
71: FLISOM AG
72: RUTH, MARTA
33: US 31: 62/208,417 32: 2015-08-21
54: EVAPORATION SOURCE
00: -
Embodiments of the disclosure generally relate to evaporation sources used for physical vapor deposition of material onto substrates and more particularly for controlled coating of large substrates, such as vacuum deposition of selenium on flexible substrates. In one embodiment an evaporation source for depositing a source material on a substrate is provided. The evaporation source includes a crucible having a base and a first plurality of walls surrounding an interior region of the crucible. The crucible further includes a supporting ridge extending inwardly towards the interior region. The evaporation source further includes a lid disposed on the supporting ridge, the lid including two or more adjacently positioned sheets, where each sheet includes a plurality of openings formed therethrough, and the plurality of openings in each

sheet are not aligned with the plurality of openings formed in an adjacently positioned sheet.

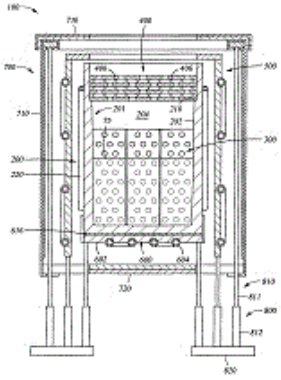


Fig. 1B

21: 2018/01355. 22: 2016/08/03. 43: 2019/05/17
51: A61L
71: GREENBONE ORTHO S.R.L.
72: TAMPIERI, ANNA, SPRIO, SIMONE, RUFFINI, ANDREA
33: IT 31: 102015000042834 32: 2015-08-06
33: IT 31: 102015000042762 32: 2015-08-06
54: LARGE 3D POROUS SCAFFOLDS MADE OF ACTIVE HYDROXYAPATITE OBTAINED BY BIOMORPHIC TRANSFORMATION OF NATURAL STRUCTURES AND PROCESS FOR OBTAINING THEM
00: -
The present disclosure relates to a hydroxyapatite obtained from porous wood, having high compressive strength and dimensions suitable for clinical applications. The porous wood has a porosity of between about 60% and about 95%, said porosity being measured after subjecting the wood to a step of pyrolysis, and is selected from among rattan, pine, abachi, balsa, sipo, oak, rosewood, kempas and walnut wood. The hydroxyapatite may be substituted with one or more ions such as magnesium, strontium, silicon, titanium, carbonate, potassium, sodium, silver, gallium, copper, iron, zinc, manganese, europium, gadolinium. Also disclosed is a bone substitute comprising hydroxyapatite obtained from porous wood. The bone substitute is utilized for the substitution and regeneration of a bone or a bone portion, preferably for bones subjected to mechanical loads, such as long bones of the leg and arm, preferably the tibia, fibula, femur, humerus and radius. The invention relates also to a process for manufacturing a biomorphic hydroxyapatite scaffold from wood.

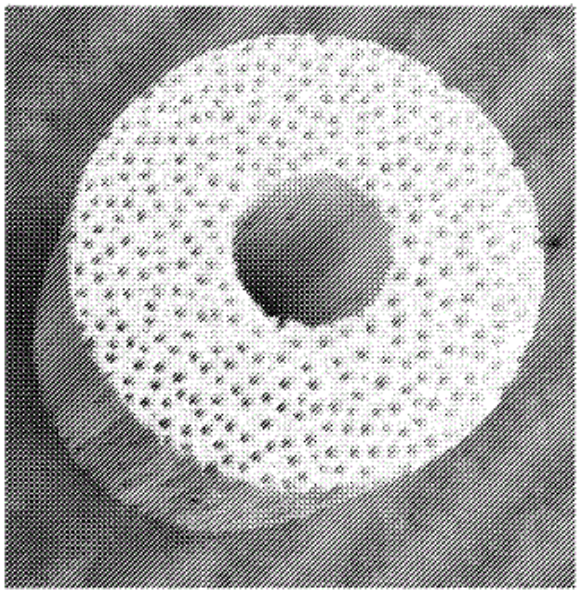


FIG 1

21: 2018/01356. 22: 2016/08/08. 43: 2019/05/17
51: C10L
71: STANDARD BRANDS (UK) LIMITED
72: VERNON, FREDRICK MICHAEL JOSEPH
33: GB 31: 1514421.5 32: 2015-08-13
54: FIRELIGHTER
00: -
This invention relates to solid firelighters of the type which may be used to initiate combustion of i) barbecues (BBQs), irrespective of whether the barbecue fuel is in the form of charcoal lump wood or briquettes, ii) natural wood in outdoor wood fires or iii) any domestic or commercial fires. Firelighters of the present invention comprise: 25 to 75% by weight fibreboard having a density of from 0.1 to 0.5 g/cm^3; and 25 to 75% by weight palm fatty acid distillate; wherein the fibreboard is impregnated with the palm fatty acid distillate.

21: 2018/01360. 22: 2016/09/15. 43: 2019/05/17
51: C09H; A23L
71: UNILEVER PLC
72: LEMMERS, MARC, MELLEMA, MICHEL, MELWITZ, DIETER WERNER, SCHMID, HERMANN
33: EP 31: 15187710.7 32: 2015-09-30
54: FOOD CONCENTRATE

00: -
A food concentrate in the form of a gel for preparing a ready-to-eat food product comprising low amounts of gelatine, high amounts of salt.

21: 2018/01387. 22: 2018/02/28. 43: 2019/05/14
51: H04W
71: Huawei Technologies Co., Ltd.
72: ZHANG, Tao, LIN, Bo, GAO, Yongqiang
54: COMMUNICATION METHOD, DEVICE, AND SYSTEM
00: -
The present invention discloses a communication method, including: sending, by a user equipment, a request message to a micro network node, so that the micro network node sends an indication message to a macro network node; receiving an uplink resource (UG) sent according to the indication message by the macro network node; and sending uplink signaling or uplink data to the macro network node according to the uplink resource (UG). Embodiments of the present invention further provide a corresponding device and system. In technical solutions of the present invention, the micro network node participates in accessing the user equipment to a network, so that a UE can rapidly access the network, which reduces an access delay of the UE.

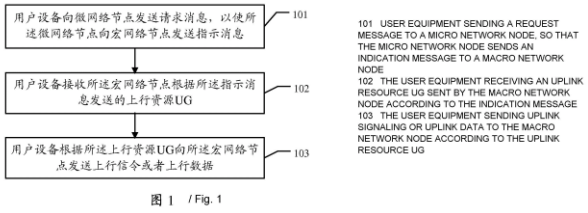
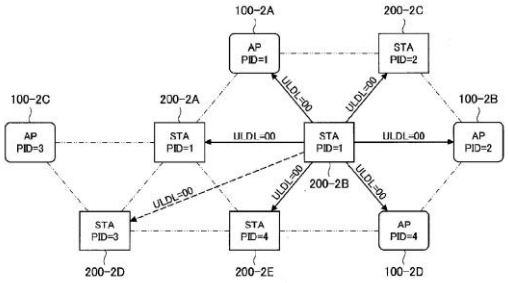


图 1 / Fig. 1

21: 2018/01397. 22: 2018/02/28. 43: 2019/05/14
51: H04W
71: Sony Corporation
72: SUGAYA, Shigeru, ITAGAKI, Takeshi, YAMAURA, Tomoya
33: JP 31: 2015-221249 32: 2015-11-11
54: COMMUNICATION DEVICE AND COMMUNICATION METHOD
00: -
[Problem] To provide a mechanism that makes it possible to minimize increases in the power consumption required to receive a physical layer (PHY) header while reducing power consumption by optimizing whether a component following the PHY header is received. [Solution] A communication device provided with a communication unit that transmits a PHY header including two pieces of information in which direct link communication is identified. The communication unit receives a PHY header including two pieces of information in which direct link communication is identified and receives a component following the PHY header on the basis of the two pieces of information. The communication unit transmits a PHY header including two pieces of information in which mesh network communication is identified. The communication unit receives a PHY header including two pieces of information in which mesh network communication is identified and receives a component following the PHY header on the basis of the two pieces of information.



21: 2018/01400. 22: 2018/02/28. 43: 2019/05/09
51: B66C; F24J
71: Cockerill Maintenance & Ingénierie S.A.
72: DETHIER, Alfred, WINAND, Stéphane, LECLOUX, Yves
33: BE 31: 2015/5776 32: 2015-11-30
54: MAINTENANCE METHOD AND SYSTEM FOR SOLAR RECEIVER
00: -
The invention relates to a tower (1) for a concentrating solar power plant comprising an upper external platform (11) on which an essentially cylindrical solar receiver (2) with a lateral outer surface and an upper base is arranged, the lateral surface of the receiver (2) including a plurality of receiver panels (20) mounted removably and a system for installing and maintaining receiver panels (20), characterised in that the system for installing and maintaining receiver panels (20) comprises a crane (3) mounted so as to rotate through 360° and

guided by means of at least two concentric rails (4), on the upper base of the receiver (2).

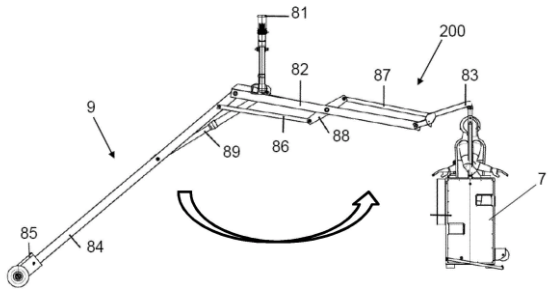
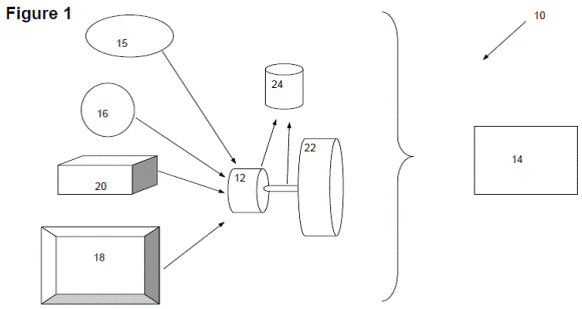


FIG. 6

21: 2018/01413. 22: 2018/03/01. 43: 2019/05/17
51: A61K; C07K
71: Ipsen Bioinnovation Limited
72: ANDERSON, Dina Brady, HACKETT, Gavin Stephen, LIU, Sai Man
33: GB 31: 1312317.9 32: 2013-07-09
54: CATIONIC NEUROTOXINS
00: -
The present invention provides an engineered clostridial toxin comprising at least one amino acid modification, wherein said at least one amino acid modification increases the isoelectric point (pI) of the engineered clostridial toxin to a value that is at least 0.2 pI units higher than the pI of an otherwise identical clostridial toxin lacking said at least one amino acid modification. Also provided are corresponding uses of the engineered clostridial toxin in therapy.

21: 2018/01415. 22: 2018/03/01. 43: 2019/05/10
51: H02P
71: VAN DER MERWE, Pieter, Gideo
72: VAN DER MERWE, Pieter, Gideo
33: ZA 31: 2016/08289 32: 2016-12-01
54: A CONTROL SYSTEM
00: -
A control system for controlling electricity supply to an electrical grid which includes; an alternator for generating and supplying electricity to the electrical grid; a power source for driving the alternator; an alternator accessory for providing additional power for driving the alternator; and a processor configured to measure electricity supply and demand in the grid and to control the power source and / or alternator accessory for driving the alternator to generate and supply electricity in order to meet the electricity demand.



21: 2018/01421. 22: 2016/08/31. 43: 2019/05/17
51: A61L; C07F; C07C
71: COHERA MEDICAL, INC.
72: CLOWER, DOTTIE M, BECKMAN, ERIC J, PICONE, BRADD N
33: US 31: 62/211,953 32: 2015-08-31
54: MENISCAL REPAIR ADHESIVE
00: -
A composition that includes (a) a prepolymer having at least one free isocyanate group that is capable of bonding to tissue and that cures in vivo upon exposure to water to form a polymer having a compressive modulus between 1.9 and 14.4 MPa and a tensile modulus between 5.0 and 30, and (b) an oil that is miscible in the prepolymer, the oil being selected from the group consisting of silicone oils, mineral oil, vegetable oils, and combinations thereof. The composition retains its integrity when delivered in an aqueous medium.

21: 2018/01423. 22: 2016/08/12. 43: 2019/05/17
51: B62D
71: CATERPILLAR INC.
72: HAKES, DAVID, OERTLEY, TOM, BECKERDITE, JASON R, ABELLO, BENOIT, ELLMANN, THOMAS, KOWALSKI, THOMAS J
33: US 31: 14/839,240 32: 2015-08-28
54: UNDERCARRIAGE ASSEMBLY AND TRACK LINKS FOR ASSEMBLY
00: -
An undercarriage assembly (116) for a mobile machine (100) includes a continuous track (120) having a plurality of mated track links (122) that can translate with respect to the machine (100). Each track link (122) may include a shoe portion (150) and a body portion (160). The body portion (160)

includes a plurality of projecting pin lugs (160) each having a pin bore (168) to receive a pin and link adjacent track links (122) together. The pin lugs (160) can include a pair of sprocket lugs (190) for making rolling contact with a sprocket (142), a pair of roller lugs (200) for making rolling contact with a plurality of rollers (140), and a side lug (210) having a protruding shoulder (212) to assist in aligning the plurality of rollers (140).

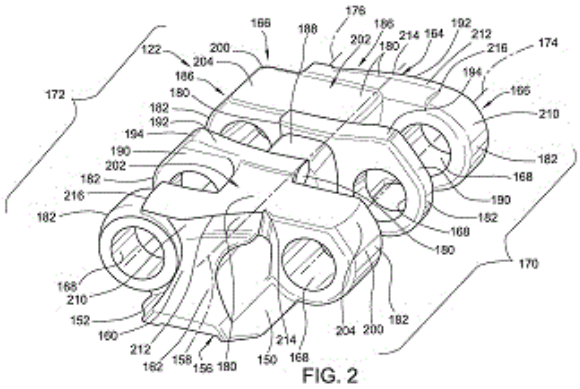


FIG. 2

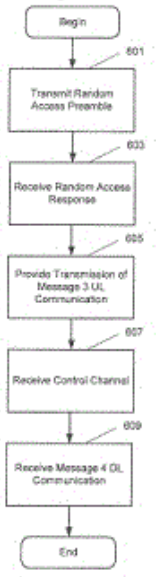
21: 2018/01426. 22: 2016/09/08. 43: 2019/05/17
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: TIRRONEN, TUOMAS, BLANKENSHIP, YUFEI, BERGMAN, JOHAN, YAVUZ, EMRE
33: US 31: 62/232,743 32: 2015-09-25

54: METHODS PROVIDING UL GRANTS INCLUDING TIME DOMAIN CONFIGURATION AND RELATED WIRELESS TERMINALS AND NETWORK NODES

00: -

A method of operating a wireless terminal may include transmitting a random access preamble of a random access procedure from the wireless terminal to a node of a radio access network. After transmitting the random access preamble, a random access response of the random access procedure may be received from the node of the radio access network, with the random access response including an Uplink grant for a Message 3 uplink communication of the random access procedure. The UL grant may include a time domain configuration associated with the Message 3 uplink communication. The time domain configuration may include a repetition factor that defines a number of repetitions across subframes for the Message 3 uplink communication, and/or Transmission Time Interval information for the Message 3 uplink communication. Related wireless terminals and base stations are also discussed.

Figure 6



21: 2018/01428. 22: 2016/09/15. 43: 2019/05/17
51: D05C; G06F
71: NV MICHEL VAN DE WIELE
72: MARIJSSE, FRANK
33: EP 31: 15187113.4 32: 2015-09-28

54: METHOD OF PREPARING A TUFTING PROCESS

00: -

A method of preparing a tufting process comprises the steps of: a) providing a pattern representation (PR) representative of a fabric to be tufted, b) providing at least one group (G_T) of tufting aspect instruction layers (TL_1, TL_2), each group (G_T) of tufting aspect instruction layers (TL_1, TL_2) comprising at least one tufting aspect instruction layer (TL_1, TL_2), each tufting aspect instruction layer (TL_1, TL_2) being associated with a tufting aspect instruction (I_1, I_2), each tufting aspect instruction (I_1, I_2) referring to a tufting aspect (A_1, A_2), c) assigning at least one tufting aspect instruction (I_1, I_2) to at least one tufting aspect instruction layer (TL_1, TL_2).

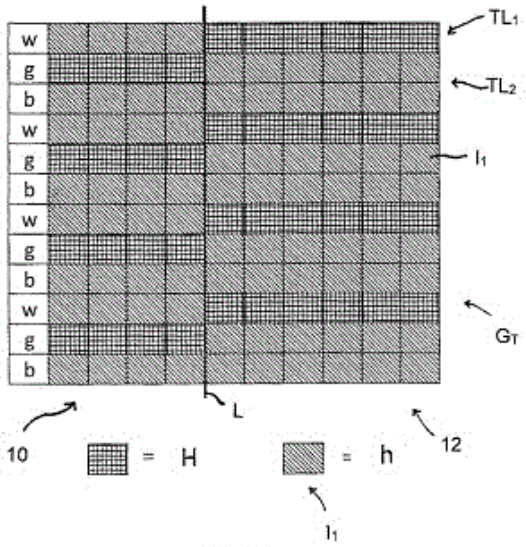


Fig. 5

21: 2018/01429. 22: 2016/11/03. 43: 2019/05/17
51: B41F
71: KOENIG & BAUER NOTASYS SA
72: GYGI, MATTHIAS, BAUER, REGINA, KRIEGE, BJÖRN
33: EP 31: 15193279.5 32: 2015-11-05
54: SHEET-FED STAMPING PRESS HAVING A FOIL LAMINATING UNIT
00: -
There is described a sheet-fed stamping press (10*) comprising a foil application unit (2*) designed to allow transfer or lamination of foil material onto successive sheets (S), which foil material is fed to the foil application unit (2*) in the form of a foil carrier (FC) supplied by means of a foil feeding system (3). The foil application unit (2*) comprises a stamping cylinder (21) with at least one circumferential stamping section (210) provided on a circumference of the stamping cylinder (21) and comprising successive stamping segments (211 *; 211 **) distributed one after the other about the circumference of the stamping cylinder (21), the stamping cylinder (21) also acting as sheet-transporting cylinder and comprising multiple sheet holding units (21 a) distributed about the circumference of the stamping cylinder (21) and designed to hold successive sheets (S) against the circumference of the stamping cylinder (21). The foil application unit (2*) further comprises a plurality of counter-pressure units (25) distributed about a portion of the circumference of the stamping cylinder (21) and designed to press the successive sheets (S) and the foil carrier (FC) against an outer surface of the stamping segments (211 *; 211 **), the foil carrier (FC) being supplied by the foil feeding system (3) between the sheets (S) and the stamping segments (211 *; 211 **). Each counter-pressure unit (25) is designed as a cylinder unit (250, 255) provided with at least one circumferential pressing element (255) positioned to cooperate with the circumferential stamping section (210) of the stamping cylinder (21), and a ratio (D_{21}/D_{25}) of a nominal diameter (D_{21}) of each circumferential stamping section (210) of the stamping cylinder (21) over a nominal diameter (D_{25}) of each ring element (255) of the counter-pressure units (25) is an integer multiple.

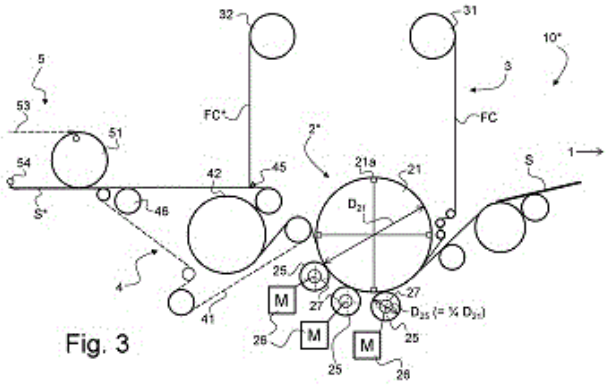
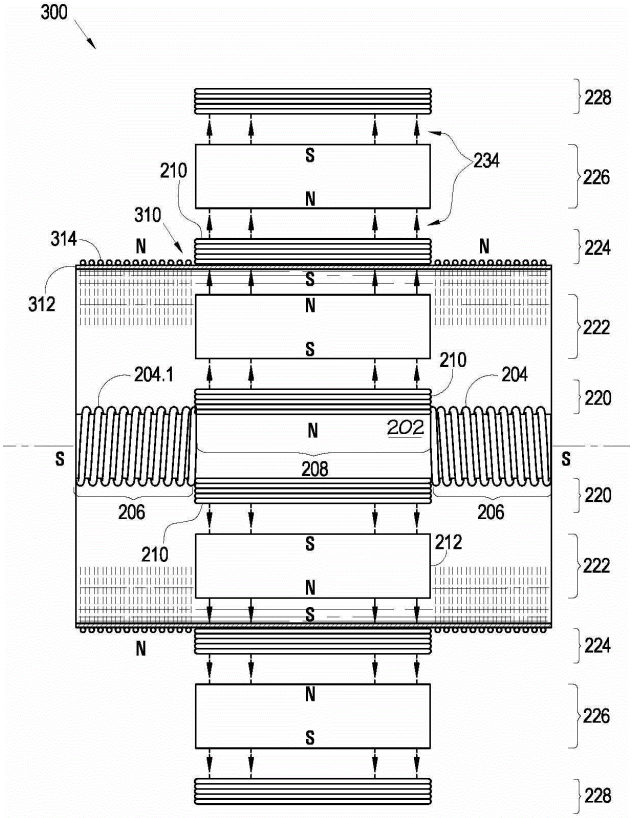


Fig. 3

21: 2018/01460. 22: 2018/03/02. 43: 2019/05/02
51: H02K
71: The Trustees for the time being of the KMN FULFILMENT TRUST
72: MAKGERU, Kabu Walter
33: ZA 31: 2016/08357 32: 2016-12-05
54: AN ELECTRIC GENERATOR HAVING A CENTRAL MAGNETIC SHAFT
00: -
An electric generator has a the stator comprises a central shaft and has at least one axially-offset coil at an axial end of the central shaft such that a major central portion of the central shaft is not surrounded by the coil. The stator comprises a plurality of generating layers, each generating layer comprising generating windings radially aligned with the major central portion of the central shaft. A rotor comprises a magnetising layer arranged co-axially

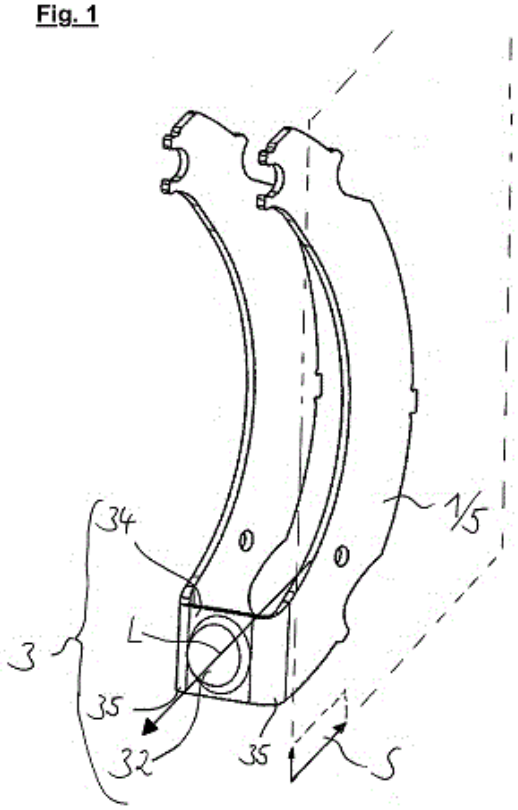
around the first generating layer and radially aligned with the major central portion. The generator has at least one of the generating layers is in the form of a tubular assembly comprising a tubular body which is co-axial with the central shaft and at least one axially-offset coil at an axial end of the tubular body such that a major central portion of the tubular body is not surrounded by the coil.



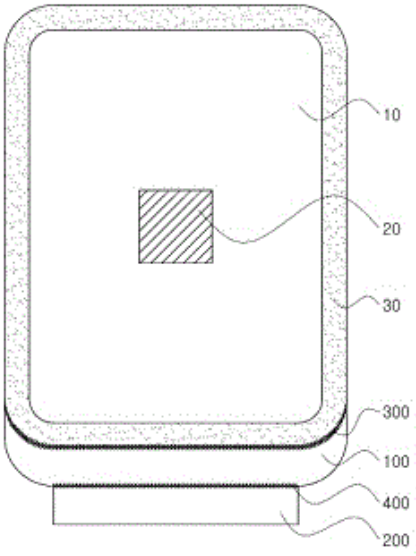
21: 2018/01472. 22: 2018/03/02. 43: 2019/05/14
51: A01G
71: Université d'Avignon et des Pays de Vaucluse, Université de Montpellier, Centre National de la Recherche Scientifique
72: URBAN, Laurent, AARROUF, Jawad, CHABANE SARI, Dounyazade, ORSAL, Bernard
33: EP(FR) 31: 15306432.4 32: 2015-09-17
54: METHOD FOR STIMULATING THE RESISTANCE OF PLANTS TO BIOTIC STRESS BY UV RADIATION EXPOSURE
00: -
The present invention relates to a method for stimulating the resistance of plants to biotic stress by radiation exposure of at least one spot of a plant characterized in that the radiation exposure is performed by UV-C rays alone or UV-B rays alone or a combination thereof with an exposure duration being less or equal to one second and the radiation exposure being repeated at least once with an interval of time between one hour and one month. The invention will find an application for stimulating natural defenses of plants to biotic stress as pests, bacteria, fungus or virus. The invention could be used directly on plants growing in fields for agriculture and the food industry.

21: 2018/01478. 22: 2016/07/26. 43: 2019/05/17
51: F16D
71: SAF-HOLLAND GMBH, PAUL BRÜSER GMBH
72: STEGMANN, RAINER, BRÜSER, BERND, BRÜSER, JOSEF, FLECKENSTEIN, STEFAN, KHOURY, JEAN
33: DE 31: 10 2015 112 712.1 32: 2015-08-03
54: BRAKE SHOE
00: -
The invention relates to a shoe element, in particular for use in a drum brake, comprising a web segment and a support segment, wherein the support segment has a rounded segment, wherein the web segment has a web-side engagement segment for interlocking engagement with a shoe web, or is integral with a shoe web, wherein the web segment and the support segment are integral with each other.

Fig. 1



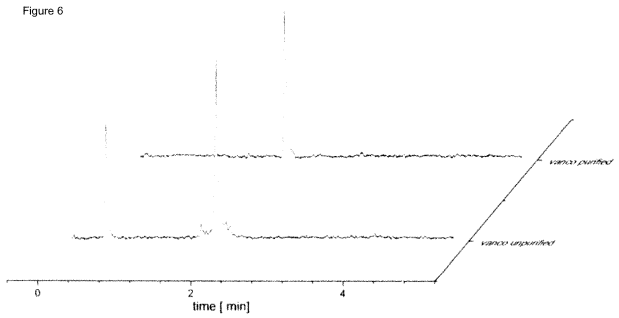
21: 2018/01479. 22: 2016/08/03. 43: 2019/05/17
51: A61F; A61L
71: OPENM INC.
72: PARK, JONG CHIL
33: KR 31: 10-2015-0110136 32: 2015-08-04
33: KR 31: 10-2016-0098526 32: 2016-08-02
54: THERMOPLASTIC CAST
00: -
According to one embodiment of the present invention, a thermoplastic cast comprises: a thermoplastic structure having a net shape; an outer skin arranged on the outer surface of the structure; a buffer pad arranged on the outer surface of the outer skin so as to have elasticity; and a finishing material arranged on the outer surface of the buffer pad so as to come into contact with a body, wherein the outer skin, the buffer pad and the finishing material have melting points higher than that of the structure, and the finishing material has a porosity different from that of the buffer pad.



21: 2018/01481. 22: 2016/09/26. 43: 2019/05/17
51: C11D
71: UNILEVER PLC
72: BATCHELOR, STEPHEN NORMAN, BIRD, JAYNE MICHELLE
33: EP 31: 15187966.5 32: 2015-10-01
54: POWDER LAUNDRY DETERGENT COMPOSITION
00: -
The present Invention provides phosphate free carbonate built powder detergent formulations for use in domestic laundry comprising anionic surfactant, alkyl ether carboxylic acid, subtilisin protease, sodium carbonate and optional nonionic surfactant.

21: 2018/01514. 22: 2018/03/05. 43: 2019/05/14
51: A61K
71: UNIVERSITÄT HEIDELBERG
72: UHL, Philipp, SAUTER, Max, HABERKORN, Uwe, MIER, Walter, FRICKER, Gert
33: EP 31: 15003011.2 32: 2015-10-21
54: LIPOSOMES CONTAINING CELL PENETRATING PEPTIDES AND TETRAETHERLIPIDS FOR THE ORAL DELIVERY OF MACROMOLECULES
00: -
The present invention relates to liposomal compositions, comprising liposomes comprising tetraether lipids (TELs) and cell penetrating peptides (CPPs), wherein said CPPs are attached to a compound being part of the liposome's lipid double

layer. The present invention further relates to uses thereof for the oral delivery of therapeutic and/or diagnostic agents.



21: 2018/01516. 22: 2018/03/05. 43: 2019/05/21
51: F17C
71: FOURIE, Johannes, Jacobus
72: FOURIE, Johannes, Jacobus
33: ZA 31: 2015/05627 32: 2015-08-05
54: CONTROL DEVICE FOR A PRESSURE VESSEL
00: -
A control device (10, 1 10, 210, 310) for controlling the flow of a gas into and out of a pressure vessel which includes a body (12) which is configured to be mounted on a pressure vessel, an inlet passage (14) defined in the body (12) for allowing a gas to pass into the pressure vessel, an outlet passage (16) defined in the body (12) for allowing a gas to pass out of the pressure vessel, an inlet valve (18) mounted in the inlet passage (14) for regulating the flow of gas into the pressure vessel, an outlet valve (20) mounted in the outlet passage (16) for regulating the flow of gas out of the pressure vessel and a displacement means (22) for displacing the inlet valve (38) to an open condition to allow a gas from a gas supply to pass into the pressure vessel.

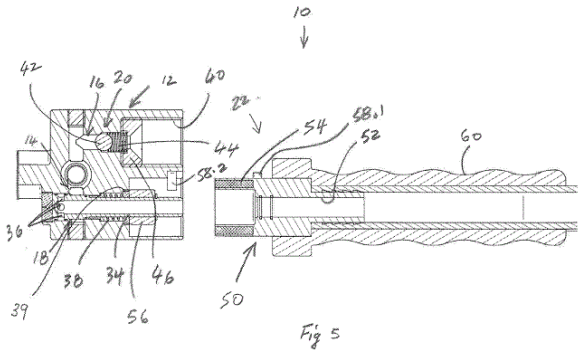
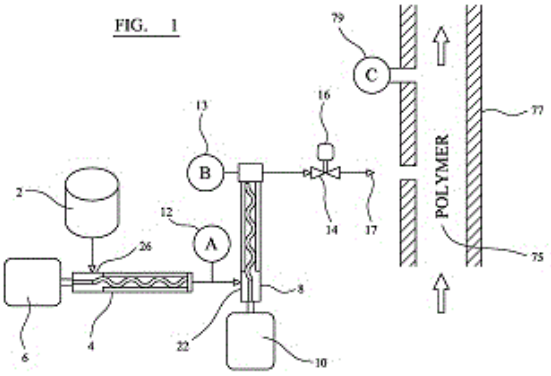


Fig 5

21: 2018/01550. 22: 2016/09/09. 43: 2019/05/17
51: B29C; F04C
71: COLORMATRIX HOLDINGS, INC.
72: JONES, BRIAN, WHITEHEAD, DAVID , CAMPBELL, IAN, BAKER, HARRY
33: GB 31: 1516143.3 32: 2015-09-11
54: APPARATUS AND METHOD FOR INJECTING A FLUID FORMULATION INTO A MELTED POLYMERIC MATERIAL
00: -
Injection apparatus for injecting a liquid formulation into a molten polymer at high pressure includes a reservoir containing liquid formulation at ambient temperature and pressure which is arrange to flood-feed pump body 26 of a first progressing cavity pump (pep) 4. The first pep 4 is driven by motor 6 and is arranged to accurately meter the liquid formulation into a second pep 8 which is downstream of the first pep and is arranged to increase the pressure of the liquid formulation by 200 bar or more. Downstream of pump 8 is a delivery valve 14 arranged to control passage of liquid formulation, via outlet 17, into pressurised molten polymer stream 75 which is present in an extruder 77.



21: 2018/01551. 22: 2016/02/02. 43: 2019/05/17
51: H04W
71: NEC CORPORATION
72: JIANG, LEI, LIU, HONGMEI, WANG, GANG
54: METHODS AND APPARATUSES FOR PERFORMING UPLINK SCHEDULING AND UL TRANSMISSION
00: -
Embodiments of the present disclosure relate to a method and apparatus for performing UL scheduling and a method and apparatus for perform UL transmission. In an embodiment of the present disclosure, the method of performing UL scheduling comprises determining at least two modes for the UL scheduling based on the number of downlink (DL) subframes and the number of UL subframes, wherein the at least two modes indicate different scheduling time delays.

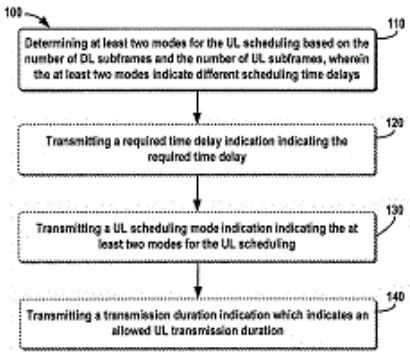


Fig. 1

21: 2018/01552. 22: 2016/08/08. 43: 2019/05/17
51: G06Q
71: MASEFIELD, RICHARD ALFRED
72: MASEFIELD, RICHARD ALFRED
33: ZA 31: 2015/05723 32: 2015-08-07
54: AN ACCOMMODATION BOOKING SYSTEM AND METHOD
00: -
The invention relates to an accommodation booking system (10) and method. The system (10) includes a database (14) on which is stored details of one or more referrers (100, 102), including a unique referral code for each referrer (100, 102). The system (10) also includes an accommodation module (24) which is configured to receive an accommodation booking request from a user (80.1, 80.2), search through a plurality of accommodation sites (20, 22) for accommodation options, and send details of the options to the user (80.1, 80.2). The accommodation module (24) can receive a booking selection from the user (80.1, 80.2). A payment facilitation module (26) of the system (10) is configured to facilitate payment for the booking. The system (10) includes a referral module (28) which is configured to receive a referral code for a particular booking request and identify a particular referrer (100, 102) which is associated with the received referral code. The referral module (28) is further configured to initiate/facilitate a payment process by which a referral fee is paid to the identified referrer (100, 102).

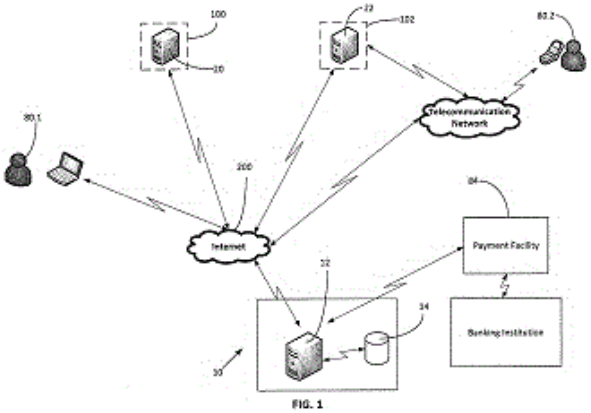
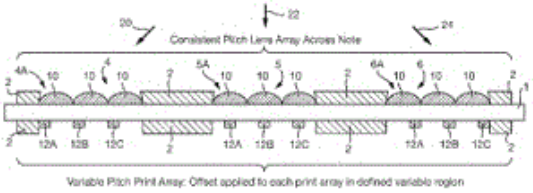


FIG. 1

21: 2018/01582. 22: 2016/09/27. 43: 2019/05/17
51: B42D

71: DE LA RUE INTERNATIONAL LIMITED
72: GODFREY, JOHN
33: GB 31: 1517401.4 32: 2015-10-02
54: SECURITY DEVICE
00: -
A security device comprises a plurality of viewing regions or windows (4, 5, 6). Each region includes a lenticular device (4A, 5A, 6A), the lenticular devices being constructed so that at different respective first viewing angles or first viewing angle ranges, the lenticular device in each viewing region generates substantially the same first image, the first viewing angles or first viewing angle ranges of the lenticular devices being substantially non-overlapping.

Fig. 2



21: 2018/01586. 22: 2018/03/07. 43: 2019/05/21
51: B60T
71: NEW YORK AIR BRAKE, LLC
72: WRIGHT, Eric C

54: HEATER CONTROL FOR AN AIR DRYER
00: -
An air dryer having a heater element associated with its valves to prevent freezing at cold temperatures. The air dryer includes a temperature sensor and an electronic controller that reads the temperature sensor and inhibits actuation of the valves whenever the temperature of valves is below freezing or a predetermined temperature that indicates a risk for freezing until the valves have been sufficiently warmed by the heater to avoid freezing during operation.

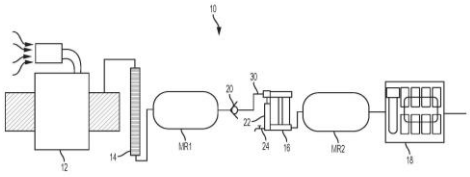


FIG. 1

21: 2018/01608. 22: 2016/03/23. 43: 2019/05/17
51: H04B
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: GAO, SHIWEI, FRENNE, MATTIAS, HARRISON, ROBERT MARK, MURUGANATHAN, SIVA
33: US 31: 62/251,574 32: 2015-11-05
54: METHODS AND SYSTEMS FOR CSI-RS PORT SELECTION FOR CSI-REPORTING
00: -
According to certain embodiments, a method in a network node is disclosed. The method comprises selecting a subset from a predetermined set of P CSI-RS ports for receiving channel information. The network node comprises an antenna array with controllable polarization. Each CSI-RS port corresponds to a combination of a set of resource elements and an antenna port of said antenna array. The predetermined set comprises a first number P of CSI-RS ports with a first polarization state and a second number P2 of CSI-RS ports with a second polarization state. The first and second polarization states are distinct. The method further comprises populating the subset with Q CSI-RS ports in such manner that the ratio of CSI-RS ports respectively having the first and second polarization states is equal to the ratio of the first and second numbers.

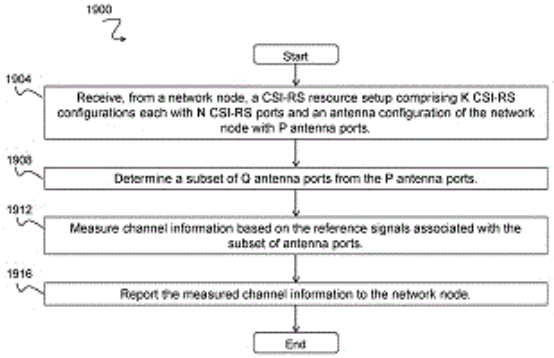
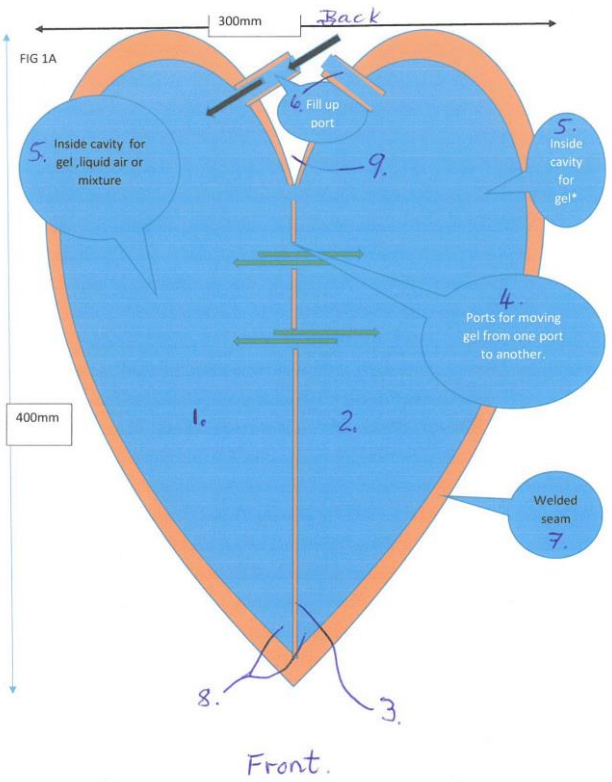


FIGURE 19

21: 2018/01611. 22: 2018/02/28. 43: 2019/05/14
51: A47G
71: ENGELBRECHT, Johannes, Hugo
72: ENGELBRECHT, Johannes, Hugo

54: INTERACTIVE SITTING CUSHION
00: -
The invention provides an inflatable cushion in a typical cartoon or romantic hart shape comprising of the halves separated on the median line between the two halves of the hart. These two halves accommodating a human bum or buttocks in such a way that each buttock preferably sits on one of these separated halves of the cushion. This said separation or the indent between the two lobes or chambers of the hart would typical allow the flow of the encapsulated air or substance to flow through openings or ports from one chamber to the adjacent and opposite hart chamber to preferably have a interactive effect on the sitting body when weight or pressure changes are applied in typical sitting positions. These two chambers and the shape of the cushion with narrowing frontal point would accommodate the moving buttocks of a sitting human body with the least side effects of normal sitting chairs or seating areas.



21: 2018/01649. 22: 2016/08/15. 43: 2019/05/17
51: C10M
71: FUCHS PETROLUB SE
72: THOMAS, FRANK
33: DE 31: 20 2015 005 833.7 32: 2015-08-13
33: EP 31: 15 002 409.9 32: 2015-08-13
54: COMPOSITION FOR MINIMUM QUANTITY LUBRICATION, AND USE OF SAME
00: -
The invention relates to a lubricant composition and to the use of same for minimum quantity lubrication in the field of metalworking. The composition comprises 0.05 to 5 wt.% of emulsifier in relation to the total weight of the composition, and an amount of an aliphatic C_{16-24} alcohol that makes the composition up to 100%. The emulsifier is selected from fatty alcohol polyalkylene glycol ethers or glycolic acid alkoxylate alkyl ethers or mixtures thereof.

21: 2018/01653. 22: 2016/10/05. 43: 2019/05/17
51: H04W; H04L
71: MUTUALINK, INC.
72: MAZZARELLA, JOSEPH R, WENGROVITZ, MICHAEL S, HATTEN, MARK
33: US 31: 14/875,260 32: 2015-10-05
54: VIDEO MANAGEMENT DEFINED EMBEDDED VOICE COMMUNICATION GROUPS

00: -
Embodiments include a system, method, and computer program product that enable Push to Talk (PTT) communication within a video management software (VMS) system using embedded PTT controls. An embodiment operates by monitoring a plurality of video feeds using a VMS graphics user interface (GUI) where each video feed is a component of an interactive multimedia media object (IMMO) displayed in the VMS GUI. A talk group is logically associated with a video feed from the plurality of video feeds by coupling the talk group to an embedded PTT control component of the IMMO containing the video feed. Upon detecting that the embedded PTT control component corresponding to the video feed is activated, PTT communications is enabled between each member of the talk group regarding content displayed by the video feed.

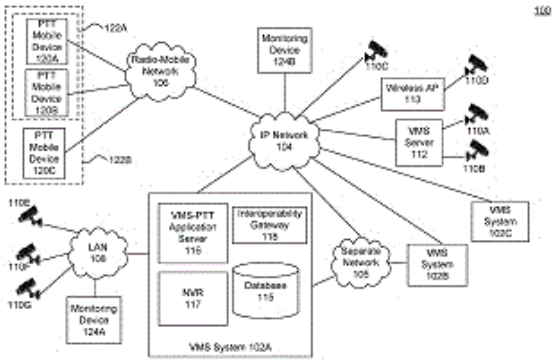


FIG. 1

side (314) and a second side (316). The valve (300) further includes a first port (320) for receiving pressure from one of an emergency reservoir (ER,132) or a control volume (380), the first port (320) in fluid communication with the first side (310) of the first diaphragm (302); a second port (322) for receiving pressure from a brake pipe (BP,114), the second port (322) in fluid communication with the second side (312) of the first diaphragm (302); and a third port (324) for receiving pressure from a brake cylinder (BC,120), the third port (324) in fluid communication with the second side (316) of the second diaphragm (304).

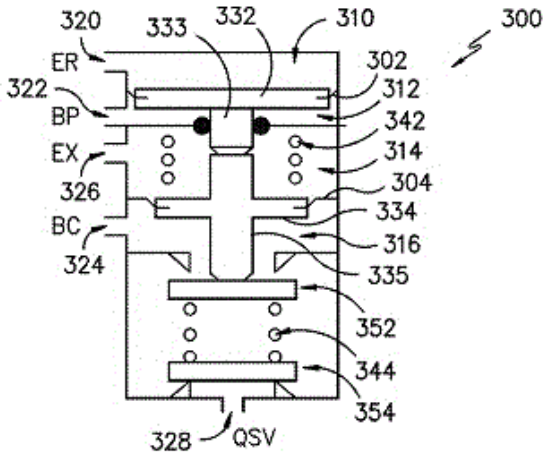


FIG. -3-

21: 2018/01684. 22: 2016/09/12. 43: 2019/05/17
51: B60T
71: AMSTED RAIL COMPANY, INC.
72: GOUJON, DANIEL, ADAMS, PATRICK, CORRENDO, ROBERTO, MARECHAL, MICKAEL, BRUSHWOOD, DANIEL
33: US 31: 14/862,347 32: 2015-09-23
54: BRAKE CYLINDER PRESSURE MAINTENANCE VALVE FOR FREIGHT CAR BRAKE EQUIPMENT AND FREIGHT CAR BRAKE SYSTEM COMPRISING SUCH A VALVE
00: -
A valve (300) for maintaining brake cylinder pressure in freight car brake equipment and a freight car brake system comprising such valve (300) are provided. The valve (300) includes a first diaphragm (302) defining a first side (310) and a second side (312), and a second diaphragm (304) defining a first

21: 2018/01686. 22: 2016/11/18. 43: 2019/05/17
51: A61C
71: NOBEL BIOCARE SERVICES AG
72: CHRISTIANSEN, PIERS, VIZER, THOMAS, BRUNNER, MARCO
33: EP 31: 15195634.9 32: 2015-11-20
54: HEALING CAP WITH SCANNABLE FEATURES
00: -
The disclosure of the present application relates to a healing abutment system and its use. The abutment system can include a base part adapted to be coupled to a dental implant via an abutment screw and a healing cap that can be coupled to the base part by a further screw. The healing cap can include features that can be scanned by an intra-oral scanning system or transferred to a physical

impression to convey information regarding the position and orientation of the base part.

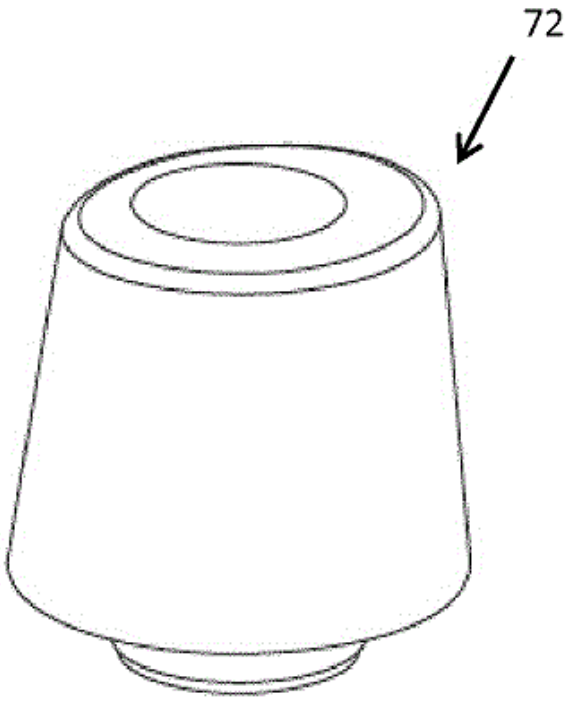


FIG. 3E

21: 2018/01736. 22: 2018/03/14. 43: 2019/05/14
51: A61K; A61P
71: Bayer Pharma Aktiengesellschaft
72: SCHÜTT, Barbara, SCHULTZE-MOSGAU, Marcus-Hillert, KAISER, Andreas
33: EP(DE) 31: 13163417.2 32: 2013-04-11

54: PROGESTERONE RECEPTOR ANTAGONIST DOSAGE FORM

00: -

The invention is directed to a pharmaceutical composition comprising a progesterone receptor antagonist namely (11 ß,17ß)-17-Hydroxy-11-[4-(methylsulphonyl)phenyl]-17-(pentafluoroethyl)estra-4,9-dien-3-one at the dosage of about 0.5 to 5 mg and more particularly 2 mg. Additionally, the invention is directed to the use of the novel pharmaceutical composition for treatment of and/or prophylaxis of gynaecological diseases, such as fibroids of the uterus (myomas, uterine leiomyoma), endometriosis or excessive menstrual bleeds, and method for obtaining such composition and oral dosage form.

21: 2018/01738. 22: 2014/10/20. 43: 2019/05/17
51: H04S
71: DOLBY INTERNATIONAL AB
72: KEILER, FLORIAN, BOEHM, JOHANNES
33: EP 31: 13290255.2 32: 2013-10-23

54: METHOD FOR AND APPARATUS FOR DECODING AN AMBISONICS AUDIO SOUNDFIELD REPRESENTATION FOR AUDIO PLAYBACK USING 2D SETUPS

00: -

Sound scenes in 3D can be synthesized or captured as a natural sound field. For decoding, a decode matrix is required that is specific for a given loudspeaker setup and is generated using the known loudspeaker positions. However, some source directions are attenuated for 2D loudspeaker setups like e.g. 5.1 surround. An improved method for decoding an encoded audio signal in soundfield format for L loudspeakers at known positions comprises steps of adding (10) a position of at least one virtual loudspeaker to the positions of the L loudspeakers, generating (11) a 3D decode matrix (D'), wherein the positions (Formula I) of the L loudspeakers and the at least one virtual position (Formula II) are used, downmixing (12) the 3D decode matrix (D'), and decoding (14) the encoded audio signal (i14) using the downscaled 3D decode matrix (Formula III). As a result, a plurality of decoded loudspeaker signals (q14) is obtained.

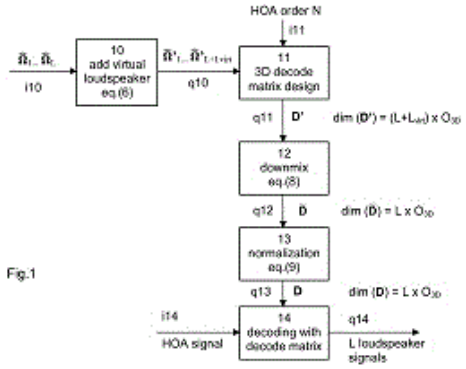


Fig.1

(I)

(II)

(III)

21: 2018/01748. 22: 2016/08/31. 43: 2019/05/17
51: C11D
71: UNILEVER PLC
72: ARNIPALLY, SUMANTH KUMAR, DAGAONKAR, MANOJ VILAS, GOSH, SOMNATH, MAITY, SUJOY
33: EP 31: 15185171.4 32: 2015-09-15
54: AQUEOUS HARD SURFACE CLEANING COMPOSITION
00: -
Disclosed is an aqueous abrasive cleansing composition comprising: (i) calcium salt of linear alkyl benzene sulphonic acid; (ii) magnesium salt of linear alkyl benzene sulphonic acid in an amount not more than 1 % of the amount of said calcium salt, and, (iii) alkoxylated fatty alcohol; wherein HLB of said alkoxylated fatty alcohol is in the range of 11 to 20 and carbon chain length of said fatty alcohol is in the range of 12 to 16. The composition is stable under a range of temperature conditions.

21: 2018/01760. 22: 2014/10/10. 43: 2019/05/17
51: G10L; H03M
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: GRANCHAROV, VOLODYA, SVERRISSON, SIGURDUR
33: US 31: 61/892,652 32: 2013-10-18
54: CODING AND DECODING OF SPECTRAL PEAK POSITIONS
00: -
A coder and decoder, and methods therein, are provided for coding and decoding of spectral peak positions in audio coding. According to a first aspect, an audio signal segment coding method is provided for coding of spectral peak positions. The method comprises determining which one out of two lossless spectral peak position coding schemes that requires the least number of bits to code the spectral peak positions of an audio signal segment; and selecting the spectral peak position coding scheme that requires the least number of bits to code the spectral peak positions of the audio signal segment. A first one of the two lossless spectral peak position coding schemes is suitable for periodic or semi-periodic spectral peak position distributions; and a second one of two lossless spectral peak position coding schemes is suitable for sparse spectral peak position distributions.

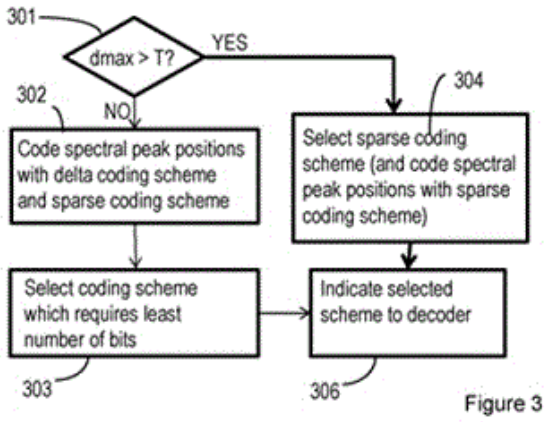


Figure 3

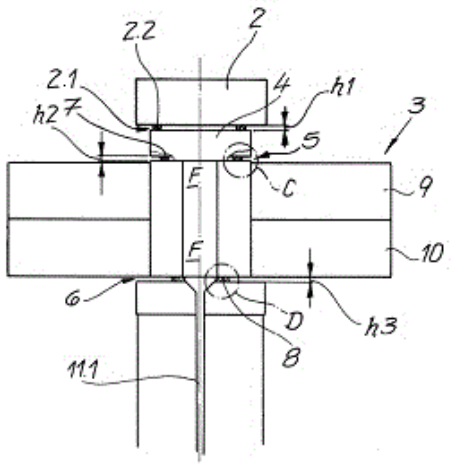
21: 2018/01775. 22: 2016/10/12. 43: 2019/05/17
51: C11D
71: UNILEVER PLC
72: ASTOLFI, RAFAEL, BASSO, JORGE LUIZ, LEOPOLDINO, SERGIO ROBERTO, VIDIGAL, LUIZ FELIPE COSTA, VIJAYAKRISHNAN, VENUGOPAL, YAROVOY, YURIY KONSTANTINOVICH
33: EP 31: 15190278.0 32: 2015-10-16
54: SOAP BAR HAVING SEPARATE CONCENTRATED REGIONS OF SPECIFICALLY SELECTED COMPONENTS
00: -
The present invention relates to bars comprising soap bar matrix comprising predominantly long chain length soap and regions or domains interspersed within the matrix comprising predominantly shorter chain soaps. The novel bars of the invention are sufficiently hard to survive large scale manufacturing while simultaneously delivering benefits of significant foam value enhancement, for example, due to delivery of short- chain soaps from concentrated regions. Surprisingly, even when soaps in concentrated regions comprise small percentage of overall soap oils or fats used, they form observable kappa phase pattern.

21: 2018/01778. 22: 2016/10/12. 43: 2019/05/17
51: C11D
71: UNILEVER PLC
72: ASTOLFI, RAFAEL, BASSO, JORGE LUIZ, LEOPOLDINO, SERGIO ROBERTO, VIDIGAL, LUIZ FELIPE COSTA, VIJAYAKRISHNAN, VENUGOPAL, YAROVOY, YURIY KONSTANTINOVICH
33: EP 31: 15190270.7 32: 2015-10-16
54: PROCESS FOR MAKING SOAP BAR HAVING SEPARATE REGIONS OF SPECIFICALLY SELECTED COMPONENTS

00: -
The present invention relates to a process for making soap bar compositions comprising bar matrix comprising predominantly long chain length soap and interspersed regions comprising predominantly shorter chain soaps. The novel bars of the invention are sufficiently hard to survive large scale manufacturing while simultaneously delivering benefits of significant foam value enhancement, for example, due to delivery of short- chain soaps from concentrated regions. Surprisingly, even when soaps in concentrated regions comprise small percentage of overall soap used, they form observable kappa phase pattern.

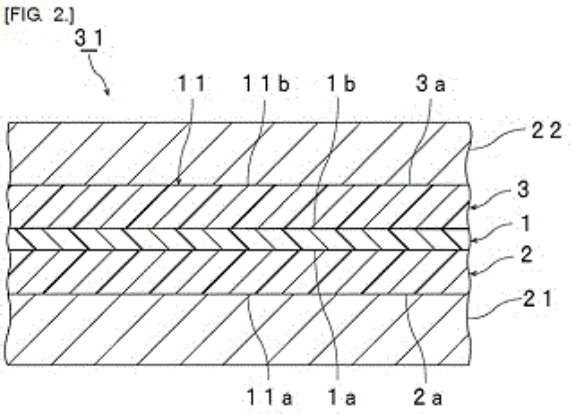
21: 2018/01817. 22: 2018/03/19. 43: 2019/05/02
51: D04H
71: REIFENHÄUSER GMBH & CO. KG MASCHINENFABRIK
72: FREY, DETLEF, NEUENHOFER, MARTIN, SOMMER, SEBASTIAN
33: EP 31: 17164368.7 32: 2017-03-31
54: DEVICE FOR PRODUCING SPUNBONDS FROM ENDLESS FILAMENTS
00: -
The invention relates to a device for producing spunbonds from endless filaments comprising at least one spinneret, at least one monomer extraction device, at least one cooling device, at least one stretching device and comprising at least one depositing device. At least one first deformable seal for sealing a gap formed between the spinneret and the monomer extraction device is provided between the spinneret and the monomer extraction device. Alternatively or additionally at least one deformable seal for sealing a gap formed between the monomer extraction device and the cooling device is provided between the monomer extraction device and the cooling device and/or at least one deformable seal for sealing a gap formed between the cooling device and the stretching device is arranged between the cooling device and the stretching device. The installation properties of the seals are variable or adjustable in relation to the boundary surfaces of the respective gap.

Fig.2



21: 2018/01831. 22: 2016/09/09. 43: 2019/05/17
51: C03C; B32B; B60J
71: SEKISUI CHEMICAL CO., LTD.
72: IWAMOTO, TATSUYA, MINAKUCHI, NAMI
33: JP 31: 2015-180216 32: 2015-09-11
33: JP 31: 2016-021340 32: 2016-02-05
33: JP 31: 2015-180217 32: 2015-09-11
33: JP 31: 2015-180215 32: 2015-09-11
54: INTERLAYER FILM FOR LAMINATED GLASS, AND LAMINATED GLASS
00: -
Provided is an interlayer film for a laminated glass, whereby sound insulating properties in a high-frequency region of 2000 Hz or higher can effectively be increased. The interlayer film for a laminated glass pertaining to the present invention has a structure of two or more layers and is provided with a first layer including a thermoplastic resin and a second layer including a thermoplastic resin, the second layer being disposed on a first surface side of the first layer, and the interlayer film for a laminated glass being provided with a configuration A in which “the glass transition temperature of the second layer is 32°C or greater, the glass transition temperature of the first layer is lower than the glass transition temperature of the second layer, and the thickness of the interlayer film is greater than 787 μm and no greater than 950 μm,” or a configuration

B in which “the glass transition temperature of the second layer is 25°C or greater, the glass transition temperature of the first layer is lower than the glass transition temperature of the second layer, and the thickness of the interlayer film is greater than 950 μm.”



21: 2018/01832. 22: 2015/12/08. 43: 2019/05/17
51: C07C; B01J
71: DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES
72: NI, YOUMING, ZHU, WENLIANG, SHI, LEI, LIU, HONGCHAO, LIU, YONG, LIU, ZHONGMIN
33: CN 31: 201510578383.5 32: 2015-09-11
54: METHOD FOR PREPARING ACETIC ACID BY CARBONYLATION OF METHANOL
00: -
Provided is a method for preparing acetic acid by a carbonylation reaction of methanol, comprising passing the raw materials of methanol, carbon monoxide and water through a reaction zone loaded with acidic molecular sieve adsorbed by an organic amine as a catalyst and reacting same under certain conditions to prepare acetic acid. The method of the present invention has a high acetic acid selectivity and a good catalyst stability. The catalyst in the method of the present invention does not contain a rhodium or iridium noble metal, does not need an iodine-containing auxiliary, and does not produce a strong corrosive hydroiodic acid and the like.

21: 2018/01833. 22: 2015/12/11. 43: 2019/05/17
51: C07C
71: DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES
72: SHI, LEI, NI, YOUMING, ZHU, WENLIANG, LIU, YONG, LIU, HONGCHAO, LIU, ZHONGMIN
33: CN 31: 201510639716.0 32: 2015-09-30
54: METHOD FOR DIRECTLY PREPARING GLYCOL DIMETHYL ETHER AND CO-PRODUCING ETHYLENE GLYCOL FROM ETHYLENE GLYCOL MONOMETHYL ETHER
00: -
Provided is a method for directly preparing glycol dimethyl ether and co-producing ethylene glycol from ethylene glycol monomethyl ether. More specifically, the method comprises reacting the raw material of ethylene glycol monomethyl ether with optionally an inert gas as a carrier gas in a reactor loaded with a solid acid catalyst, under conditions of a reaction temperature of 40-150ºC and a reaction pressure of 0.1-15.0 MPa, to produce glycol dimethyl ether and ethylene glycol. The mass space velocity of the raw material of ethylene glycol monomethyl ether is 0.05-5.0h^{-1}, the volume concentration of the raw material of ethylene glycol monomethyl ether is 1-100%, and the volume concentration of the carrier gas is 0-99%. In the method of the present invention, with a solid acid as a catalyst and ethylene glycol monomethyl ether as a raw material, under a low temperature condition, glycol dimethyl ether and ethylene glycol are prepared directly with high selectivity; moreover, there is substantially or completely no production of a 1,4-dioxane by-product that causes pollution to the environment and is harmful to the human body or animal bodies.

21: 2018/01834. 22: 2015/12/08. 43: 2019/05/17
51: C07C
71: DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES
72: NI, YOUMING, ZHU, WENLIANG, LIU, YONG, LIU, HONGCHAO, SHI, LEI, LIU, ZHONGMIN
33: CN 31: 201510644148.3 32: 2015-09-30
54: METHOD FOR PREPARING ETHYLENE GLYCOL BY HYDROLYSING ETHYLENE GLYCOL MONOMETHYL ETHER
00: -
Provided is a method for preparing ethylene glycol by hydrolysing ethylene glycol monomethyl ether. The method comprises passing fresh raw materials, i.e. ethylene glycol monomethyl ether and water, through a reaction zone loaded with a solid acid catalyst and reacting same; separating a mixture after the reaction via a separation system to obtain the target product, i.e. ethylene glycol, by-products, i.e. methyl alcohol, dimethyl ether and ethylene glycol-based derivatives, and unreacted raw

materials, i.e. ethylene glycol monomethyl ether and water; then, entering the target product, i.e. ethylene glycol, into a product collection system, entering the by-products, i.e. methyl alcohol and dimethyl ether, into a by-product collection system, and recycling the unreacted raw material, i.e. ethylene glycol monomethyl ether, and the unreacted raw material, i.e. water, and the by-products, i.e. the ethylene glycol-based derivatives, so as to mix same with fresh raw materials, i.e. ethylene glycol monomethyl ether and water, and enter same into the reaction zone for reaction. Provided is a new method for preparing ethylene glycol by hydrolysing ethylene glycol monomethyl ether realised via the above-mentioned process, and in the method, the catalyst has long life and good stability.

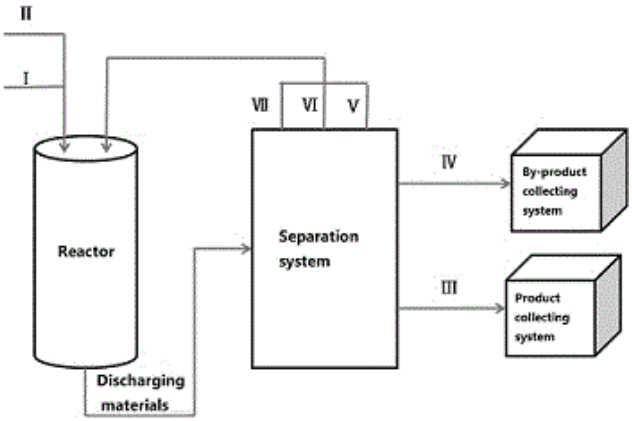
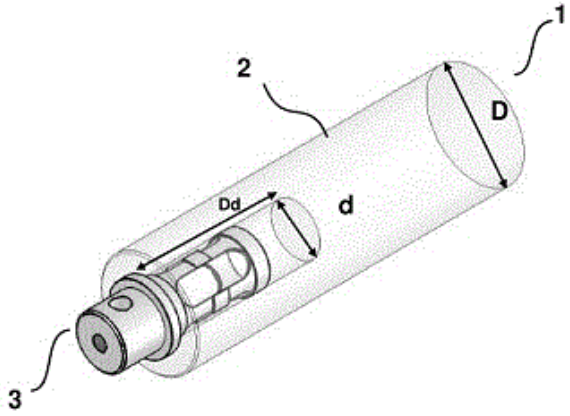


Figure 1

21: 2018/01835. 22: 2016/09/15. 43: 2019/05/17
51: C03B; B65G
71: VESUVIUS FRANCE S.A.
72: DUBOIS, LAURENT, SCHABAILLIE, ETIENNE
33: EP 31: 15185842.0 32: 2015-09-18
54: CONVEYOR ROLL ASSEMBLY, TORQUE TRANSMISSION AND SUPPORT MEANS AND PROCESS FOR MAKING A CONVEYOR ROLL ASSEMBLY USED IN A HIGH TEMPERATURE ENVIRONMENT
00: -
A conveyor roll assembly (1) for use at high temperature comprising a) a ceramic spool (2) having a flexural strength of at least 15 MPa and an external diameter D and, b) a torque transmission and support means (3) of a general cylindrical shape and having a longitudinal axis, comprising a body and b1. a supporting portion comprising at least one cylindrical supporting surface (10) and, b2.a connecting portion that is mechanically and resiliently deformed, comprising at least two distinct connecting surfaces, frictionally connecting the torque transmission and support means (3) to the ceramic spool (2), characterized in that at least one end of the ceramic spool has an axial, centered bore of a diameter 10mm ≤ d ≤ 3/4 D, preferably ≤ 1/3D and a depth Dd ≥1.5 d and in that the torque transmission and support means (3) is provided in the at least said bore of the ceramic spool (2).

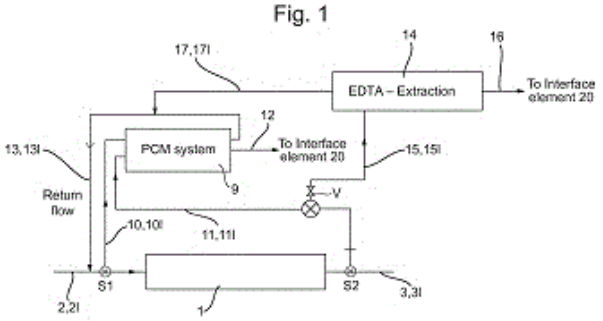
FIG.2



21: 2018/01838. 22: 2016/11/17. 43: 2019/05/17
51: G01N
71: MAGOTTEAUX INTERNATIONAL S.A.
72: GREET, CHRISTOPHER JOHN
33: BE 31: BE2015/5752 32: 2015-11-17
54: METHOD FOR MONITORING CHEMICAL PARAMETERS FROM AN OPERATING MINERAL OR WATER PROCESSING PLANT; SYSTEM THEREFOR; PROCESSING PLANT COMPRISING SUCH SYSTEM
00: -
System for monitoring pulp chemistry data of an operating mineral or water processing plant, comprising at least one sample point on a process stream of the operating plant for continuously sampling slurry from the process stream, a sample chamber for receiving the sampled slurry and a feed line between the sample point and the sample chamber to feed the sampled slurry to the sample chamber, wherein the sample chamber is located on

the plant site and is arranged for measuring pulp chemistry data of the sampled slurry, further comprising a control system for processing the measured data and providing the measured data to an operator interface element in real-time.

Fig. 1



21: 2018/01840. 22: 2015/09/10. 43: 2019/05/17
51: H01R
71: CONNEC LIMITED
72: WILLIAMS, STEPHEN
54: AN ELECTRICAL CONNECTION SYSTEM FOR USE IN HIGH POWER APPLICATIONS
00: -
An electrical connection system is described. The electrical connection system comprises a first electrical connection component that is suitable for transmission of power with a voltage level greater than 1 kV. The electrical connection system also comprises a second electrical connection component that is suitable for transmission of power with a voltage level greater than 1 kV and arranged for coupling to the first electrical connection component. The electrical connection system comprises a mechanical coupling assembly for imparting a driving force to drive the first and second electrical connection components relative to each other along a central axis of the electrical connection system and between disengaged and engaged conditions. The mechanical coupling assembly is structured to impart a portion of the driving force at a first eccentric position and comprising a transmission that is arranged to transmit a further portion of the driving force to a second eccentric position. The second eccentric position has an angular orientation around the central axis that is different to that of the first eccentric position.

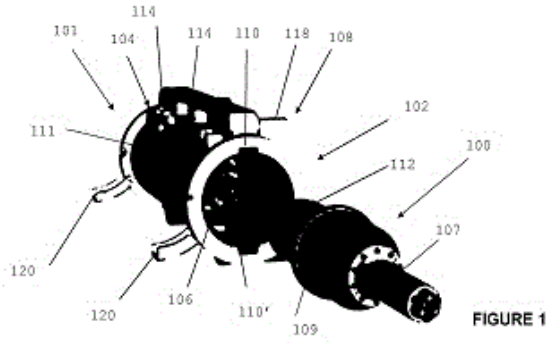


FIGURE 1

21: 2018/01850. 22: 2015/06/25. 43: 2019/05/17
51: A61B
71: TBI INNOVATIONS, LLC, THORNHILL RESEARCH, INC.
72: SMITH, DAVID W, VITITOE, KEVIN JOHN, FLOAT, JAMISON JOSEPH, LEEDER, CHAD MICHAEL, FISHER, JOSEPH A, STITES, JOHN
33: US 31: 14/317,282 32: 2014-06-27
54: DEVICES AND SYSTEMS TO MITIGATE TRAUMATIC BRAIN AND OTHER INJURIES CAUSED BY CONCUSSIVE OR BLAST FORCES
00: -
A system for reducing the damaging effects of radiant energy, blast, or concussive events includes applying pressure to at least one jugular vein to reduce the egress of blood from the cranial cavity during or before the incidence of the imparting event. Reducing blood outflow from the cranial cavity increases intracranial volume and/or pressure of the cerebrospinal fluid to reduce the risk of traumatic brain injury and injuries to the spinal column. Reducing blood outflow further increases the intracranial pressure and volume, and thereby increases the pressure and volume of the cochlear fluid, the vitreous humor and the cerebrospinal fluid to thereby reduce the risk of injury to the inner ear, internal structure of the eye and of the spinal column. In addition, increasing intracranial pressure and volume reduces the likelihood of brain injury and any associated loss of olfactory function.

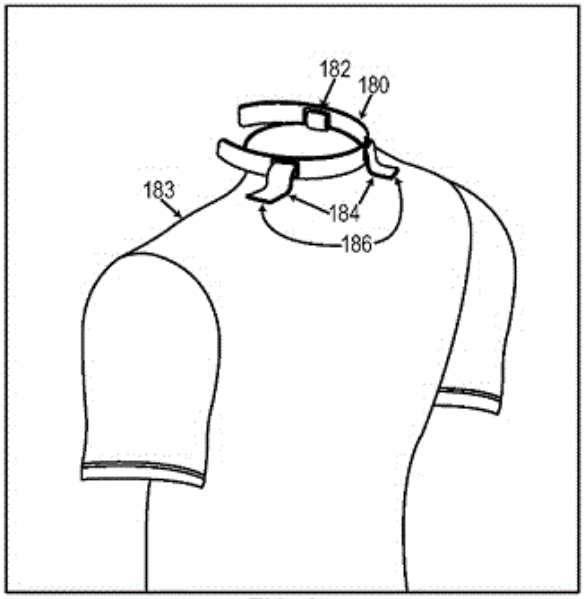


FIG. 37

21: 2018/01886. 22: 2016/09/19. 43: 2019/05/17
51: A61B
71: ORTHOFIX S.R.L.
72: LORENZINI, DENIS, VICENZI, FEDERICO
33: EP 31: 15425073.2 32: 2015-09-29
54: ENDOSSEOUS SCREW ASSEMBLY AND INTERNAL FIXATION SYSTEM COMPRISING SAID ENDOSSEOUS SCREW ASSEMBLY
00: -
Endosseous screw assembly (100) for an internal fixation system (SC), comprising: a stem (1) extending longitudinally and having at least one threaded proximal portion (2) for allowing anchoring to a bone site of a patient; a connection sleeve (3) suitable for introduction inside a connection hole (42) of a fixation member (40); a ring nut (5) rotatably mounted on the connection sleeve (3), wherein the ring nut (5) is mounted on the connection sleeve (3) by means of a threaded connection and comprises a rim with teeth (51) designed to cooperate by means of contact with a step (41) formed on the fixation member (40), in the vicinity of the connection hole (42), so as to prevent rotation of said ring nut (5) with respect to the fixation member (40; 40') when the connection sleeve (3) is introduced into the connection hole (42) of the fixation member (40; 40'); said ring nut (5) further comprising a plurality of deformable interference means (52) which lie along a conical portion (31) of the connection sleeve (3); said conical portion (31) being designed to be seated inside the connection hole (42) when the connection sleeve (3) is introduced inside said connection hole (42) and being oriented so that relative sliding of the ring nut (5) and the connection sleeve (3) results in deformation of the deformable interference means (52).

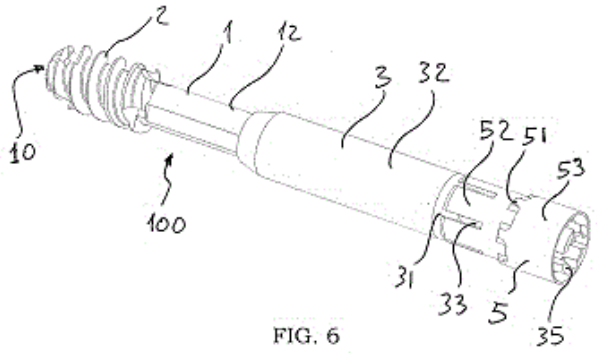


FIG. 6

21: 2018/01916. 22: 2016/08/30. 43: 2019/05/17
51: B02C; B30B
71: MBE COAL & MINERALS TECHNOLOGY GMBH
72: HARTENFELS, VICTOR, WECKES, JAN DR, WERKER, RALF, PODKOW, SERGEJ
33: DE 31: 10 2015 114 992.3 32: 2015-09-07
33: DE 31: 10 2015 114 998.2 32: 2015-09-07
33: DE 31: 10 2015 114 997.4 32: 2015-09-07
54: METHOD AND DEVICE FOR DISMOUNTING ROLLERS OF A ROLLER PRESS
00: -
The present invention relates to a method for dismounting rollers (3, 4) of a roller press (1) standing on a foundation, the roller press (1) comprising at least one supporting structure (2), at least two rollers (3, 4) mounted on the supporting structure (2), and at least one pressing device (5), wherein the rollers (3, 4) are, during operation of the roller press (1), in each case rotated about an axis of rotation (6, 7), wherein in each case one axis of rotation (6, 7) extends in a longitudinal direction of the associated roller (3, 4), wherein the axes of rotation (6, 7) are oriented parallel to one another and horizontally, such that the rollers (3, 4) jointly delimit a grinding gap (8) into which the material for grinding can be introduced and then ground between the rollers (3, 4), wherein at least one of the rollers (3, 4) is in the form of a floating roller (4) which interacts with at least two pivoting devices (9, 10),

wherein the floating roller (3) is, in the oppositely situated end sections thereof, mounted in each case on a mounting point (11) of a pivoting device (9, 10), wherein the at least one pressing device (5) acts, at an action point (12), on at least one of the pivoting devices (9, 10) such that the floating roller (4) can, by way of the action of the pressing device (5), be pivoted relative to the rest of the supporting structure (2) about a pivot axis (13) by way of the pivoting devices (9, 10), whereby a spacing between the axes of rotation (6, 7) of the floating roller (4) and of the other roller (3) is variable, comprising the following method steps: a) The rollers (3, 4) are detached from the supporting structure (2). b) The rollers (3, 4) are removed, wherein at least the floating roller (4) is, after being detached from the supporting structure (2), moved in a direction parallel to the axis of rotation (7) thereof relative to the supporting structure (2). To provide a method which simplifies a changeover of the rollers in relation to the prior art, the invention proposes the following method step: c) The floating roller (4) is, before the movement thereof parallel to the axis of rotation, lowered proceeding from its operating position relative to the supporting structure (2).

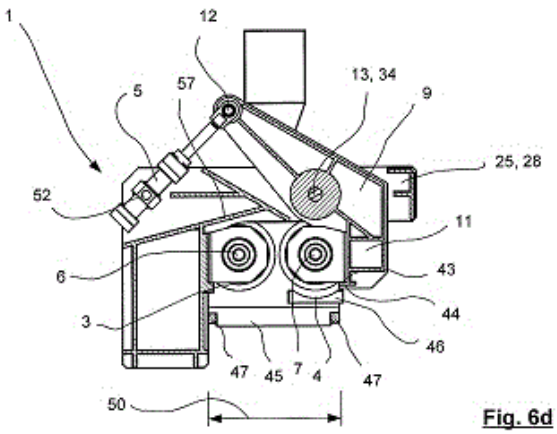


Fig. 6d

21: 2018/01917. 22: 2016/08/18. 43: 2019/05/17
51: C01B
71: COMPAGNIE INDUSTRIELLE DE LA MATIERE VEGETALE - CIMV
72: BENJELLOUN MLAYAH, BOUCHRA, DELMAS, MICHEL, LLOVERA, LAURENCE, TEJADO ETAYO, ALVARO
33: EP 31: 15184491.7 32: 2015-09-09

54: PROCESS FOR THE EXTRACTION OF SILICA

00: -

The invention relates to a process for the extraction of silica from lignocellulosic plant matter, comprising the steps of: a) fractionating the lignocellulosic plant matter in the presence of an acid solution, so as to obtain a solid fraction comprising cellulose, b) extracting the silica from the solid fraction obtained in step a) with a basic solution, at a pH between 10 and 13 and at a temperature between 70°C and 90°C, so as to obtain a liquid phase comprising silica and a solid phase, c) separating the liquid phase and of the solid phase which are obtained in step b), d) precipitating the silica which is comprised in the liquid phase, at a pH between 5 and 6.

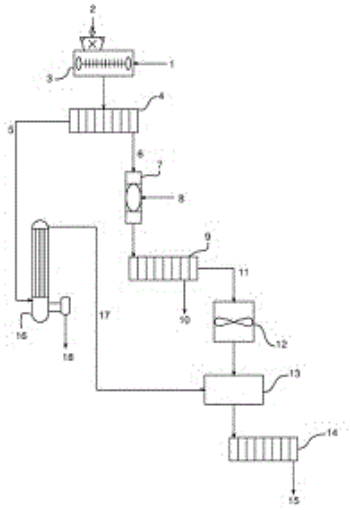


FIG. 1

21: 2018/01918. 22: 2016/10/21. 43: 2019/05/17
51: A61B
71: UNIVERSITY OF ESSEX ENTERPRISE LIMITED
72: WILKINS, ARNOLD
33: GB 31: 1519117.4 32: 2015-10-29

54: VISUAL STRESS ASSESSMENT DEVICE

00: -

A visual stress assessment device is provided comprising a plurality of coloured light sources, each adapted to produce light of a predetermined hue, and a white light source. The white light source and the coloured light sources each comprise a plurality

of light emitting diodes. A chamber is provided having an interior comprising a viewable region configured to provide a sample for inducing visual stress, wherein said viewable region is arranged to be illuminated by the white light source and the coloured light sources. A controller is configured to selectively operate the white light source and coloured light sources such that only one or both of a first of the coloured light sources and a second of the coloured light sources are operated simultaneously with the white light source, whereby their respective emitted light is observable in the viewable region by a user at a predetermined hue and saturation.

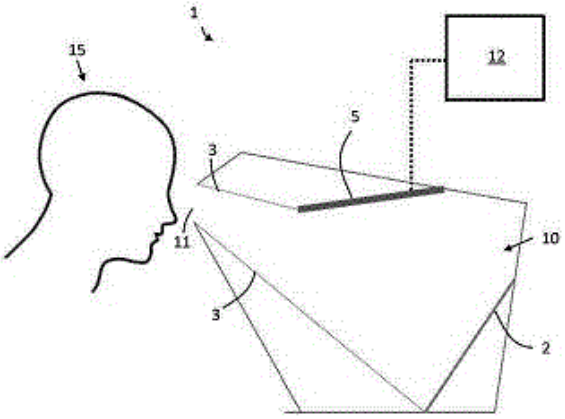


FIG 1

21: 2018/01921. 22: 2016/10/03. 43: 2019/05/17
51: C25C
71: RIO TINTO ALCAN INTERNATIONAL LIMITED
72: BARDET, BENOIT, MARTIN, OLIVIER
33: FR 31: 15/02186 32: 2015-10-15
54: SERIES OF ELECTROLYSIS CELLS FOR THE PRODUCTION OF ALUMINIUM COMPRISING MEANS FOR BALANCING THE MAGNETIC FIELDS AT THE END OF THE LINE
00: -
The invention relates to a series (1) of electrolysis cells (100) intended for the production of aluminium, comprising: two rectilinear and parallel lines (F, F') of electrolysis cells electrically connected in series, a connecting conductor (20) between a first end cell (100') of one line and the corresponding first end cell (100') of the other line, and at least one magnetic balancing circuit (21) for balancing the end of line cells, comprising a first electrical conductor (22) for magnetic balancing of the end cells extending along one of the lines of cells, only opposite an end portion (P) of the first line of cells.

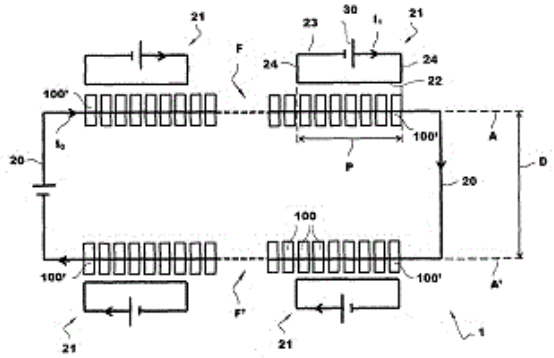


Fig. 2

21: 2018/01922. 22: 2016/09/30. 43: 2019/05/13
51: H02K
71: E-CIRCUIT MOTORS, INC.
72: SHAW, STEVEN ROBERT
33: US 31: 62/236,407 32: 2015-10-02
33: US 31: 62/236,422 32: 2015-10-02
33: US 31: 15/199,527 32: 2016-06-30
54: STRUCTURES AND METHODS FOR THERMAL MANAGEMENT IN PRINTED CIRCUIT BOARD STATORS
00: -
A stator for a motor or generator including a planar composite structure (PCS) having at least one dielectric layer and a plurality of conductive layers is provided. The stator includes first conductive elements extending radially to a distance rx from a center of, and disposed angularly on, the PCS. Each first conductive element includes a preferred termination structure to connect with at least one of a plurality of second conductive elements extending radially from a radius $r_2$from the center of, and disposed angularly on, the PCS.

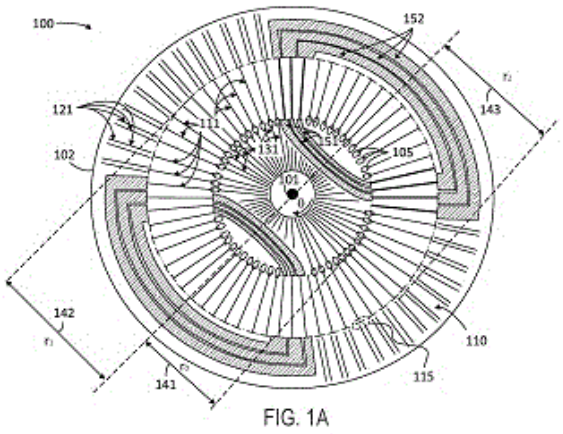


FIG. 1A

21: 2018/01941. 22: 2016/03/10. 43: 2019/05/17
51: G10L
71: DOLBY INTERNATIONAL AB
72: VILLEMOES, LARS, PURNHAGEN, HEIKO, EKSTRAND, PER
33: US 31: 62/133,800 32: 2015-03-16
33: EP 31: 15159067.6 32: 2015-03-13
54: DECODING AUDIO BITSTREAMS WITH ENHANCED SPECTRAL BAND REPLICATION METADATA IN AT LEAST ONE FILL ELEMENT
00: -
Embodiments relate to an audio processing unit that includes a buffer, bitstream payload deformatter, and a decoding subsystem. The buffer stores at least one block of an encoded audio bitstream. The block includes a fill element that begins with an identifier followed by fill data. The fill data includes at least one flag identifying whether enhanced spectral band replication (eSBR) processing is to be performed on audio content of the block. A corresponding method for decoding an encoded audio bitstream is also provided.

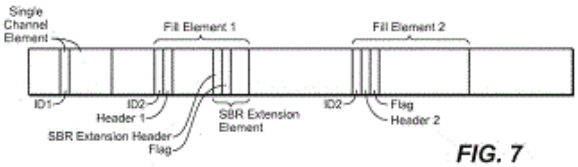
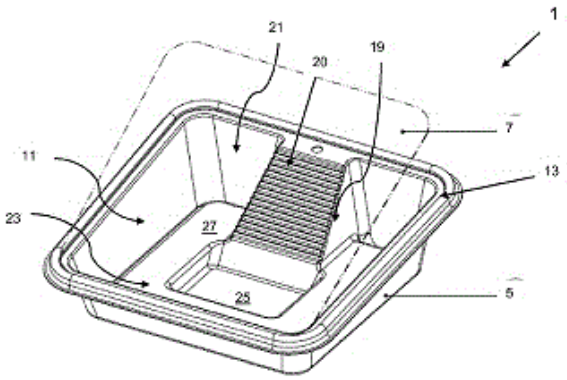


FIG. 7

21: 2018/01954. 22: 2016/04/14. 43: 2019/05/17
51: D06F
71: UNILEVER PLC
72: FLENDRIG, LEONARDUS MARCUS, NIJHUIS, ALBERTUS, METCALFE, KENNETH, PARRY, NEIL JAMES, PRESTI, NUNZIA CLARA
33: EP 31: 15186738.9 32: 2015-09-24
54: SUBSTRATE WASHING DEVICE
00: -
A washing device (1) for manual washing of a substrate (9), the washing device (1) comprising a receptacle (5) for containing an aqueous wash liquor for allowing a substrate (9) to be at least partially immersed therein and a filling and access aperture (11) defined by upper peripheral edge portion/s (13) of the washing receptacle (5); wherein said receptacle (5) comprises a portioning divider (8b) compartmentalizing the receptacle (5) in two parts.

Figure 1



21: 2018/01960. 22: 2016/10/14. 43: 2019/05/17
51: D06F; A46B; A47L
71: UNILEVER PLC
72: NETHAJI, ALAGIRISAMY, SAMBAMURTHY JAYARAMAN, SURESH, RASTOGI, ABHISHEK, THIRUMENI, DHANALAKSHMI
33: EP 31: 15190576.7 32: 2015-10-20
54: AN APPLICATOR DEVICE FOR FLUIDS
00: -
Applicator device (1) for releasing a fluid detergent compositionon onto a surface, the applicator device (1) comprising a container (2) for housing said fluid detergent composition; a fluid release system (3) housed in the container (2) comprising a plunger (4) having a top (4a), and a base (4b) and a resilience member (5); wherein the plunger base (4b) is provided with at least one seal knob (6) that operably mates with a corresponding fluid release port (7) on one face of the container (2) and the top

(4a) of the plunger (4) opens into an air chamber (13) located in the wall of the container (2).

21: 2018/01984. 22: 2018/03/26. 43: 2019/06/13
51: B22D; C22C
71: ÚSTAV MATERIÁLOV A MECHANIKY STROJOV SAV
72: Dr., Ing. František SIMANÍK, L'ubomír PAVLÍK, Ján ŠPANIELKA, Peter TOBOLKA
33: SK 31: PP50046-2015 32: 2015-08-28
33: SK 31: PP50082-2015 32: 2015-12-14
54: METHOD OF PRODUCTION OF COMPONENT FROM METAL FOAM, COMPONENT PRODUCED BY SAID METHOD AND MOULD FOR THE REALIZATION OF SAID METHOD
00: -
Foamable semifinished product (1) in the form of granules produced from the metal alloy and the foam agent is inserted into the cavity of the closable mould (2) and the liquid (3) with the density that is higher than the apparent (or bulk) density of the resulting foam is led to it. The liquid has a temperature which is higher than the temperature of the melting of the metal alloy; the transfer of the heat to the particles of the foamable semifinished product (1) takes place; it subsequently expands, whereby it is supported by the liquid (3). During the expansion at least part of the liquid (3) is pushed by the expansion itself out of the mould (2) through the opening. The liquid (3) allows the regulation of the pressure of the environment of the foam agent, too, which helps to set exactly the moment of expansion. The metal melt can be advantageously used as liquid (3). The melt can partially remain in the mould (2) so the hybrid strucutre of the component is created. The new method makes the foaming significantly quicker, it secures the homogenity of the metal foam, simplifies the moulds and diminishes the energy demands for the whole process.

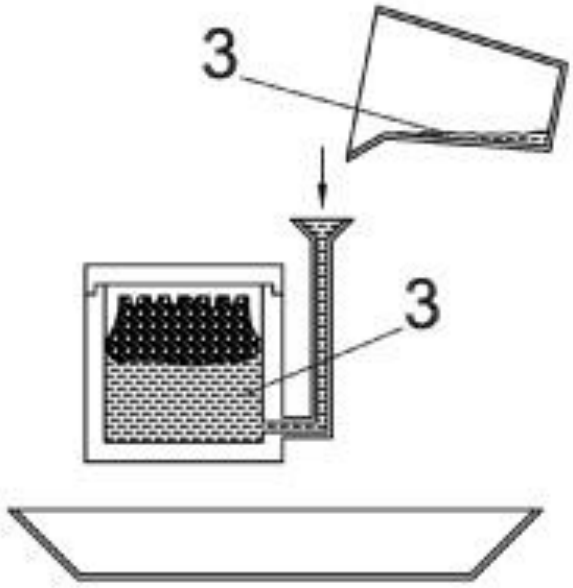


Fig. 3

21: 2018/01999. 22: 2016/07/07. 43: 2019/05/17
51: H04N
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: ANDERSSON, KENNETH, SAMUELSSON, JONATAN, HERMANSSON, PER, STRÖM, JACOB, PETTERSSON, MARTIN
33: US 31: 62/222,399 32: 2015-09-23
54: DETERMINATION OF QP VALUES
00: -
A QP offset value is calculated for a chroma component of a pixel in a picture of a video sequence based on a reference QP value and a factor that depends on a difference between a capture color space for the pixel and an encoded color space for the pixel. A QP value is then calculated for the chroma component based on the reference QP value reduced by the QP offset value. The calculation of QP values for chroma components based on the factor that depends on the difference between capture and encoded color spaces improves the chroma quality in an efficient way in particular for HDR and WCG video.

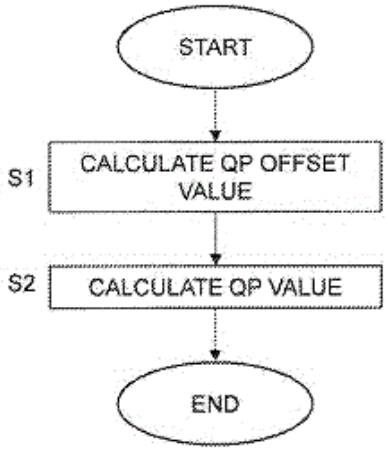


Fig. 2

21: 2018/02004. 22: 2016/11/01. 43: 2019/05/17
51: A61K; A61Q; B65D
71: UNILEVER PLC
72: ALVAREZ, SEBASTIAN, FRANKLIN, KEVIN RONALD, WATERFIELD, PHILIP CHRISTOPHER
33: EP 31: 15193404.9 32: 2015-11-06
54: AEROSOL ANTIPERSPIRANT PRODUCT
00: -
An antiperspirant aerosol product having good sustainability characteristics and comprising an anhydrous antiperspirant aerosol composition comprising particulate antiperspirant active suspended in a carrier oil, the ratio of propellant to 5 base composition being from 2:1 to 4:1 by weight and an aerosol dispenser comprising a container body, an aerosol valve, and a valve actuator; characterised in that the particulate antiperspirant active comprises a basic aluminium chloride compound of formula Al2OH4.4Cl1.6 to Al2OH4.9Cl1.1, water soluble calcium salt and an amino acid and the aerosol valve of the aerosol 10 dispenser has a vapor phase tap (VTP) to restrictive tailpiece (RTP) ratio of from 0.6:1 to 1.2:1.

21: 2018/02005. 22: 2016/10/04. 43: 2019/05/17
51: A61K; A01N; A61Q
71: UNILEVER PLC
72: MAJUMDAR, AMITABHA, MATHAPATHI, MRUTHYUNJAYA SWAMY
33: EP 31: 15188360.0 32: 2015-10-05
54: COMPOSITION COMPRISING NIACINAMIDE AND PICOLINAMIDE
00: -
The present invention relates to a topical composition and more particularly a topical composition for antimicrobial benefit. According to the present invention there is provided a topical composition comprising Niacinamide and picolinamide wherein the molar ratio of Niacinamide to picolinamide is from 1:20 to 20:1.

21: 2018/02026. 22: 2018/03/27. 43: 2019/06/03
51: G01N; G01R
71: MM (UK) LIMITED
72: PATMAN, Andrew John, LI, Xiaodong, ODEN, Jeremy Roger Jean-Baptist, BEAN, Trevor Francis, ROBERTS, Christopher Stewart
33: GB 31: 1518040.9 32: 2015-10-12
33: GB 31: 1518039.1 32: 2015-10-12
54: A FOODSTUFF ITEM CHARACTERISTIC MRI DETECTION SYSTEM
00: -
A foodstuff item characteristic detection system (10) comprising: a magnetic resonance imaging, MRI, apparatus (12); a conveyor (14,16,18) for conveying a plurality of foodstuff items (11) such that the foodstuff items are imaged by the MRI apparatus (12) to produce MRI image data; and a computer configured to process the process the MRI image data to enhance the image data such that a predetermined foodstuff item characteristic is identifiable. The system (10) is configured such that, in use, a plurality of foodstuff items (11) are conveyed by the conveyor (14,16,18) such that all of the foodstuff items (11) are imaged by the MRI apparatus (12) to produce MRI image data and the MRI image data is processed by the computer to enhance the MRI image data such that the predetermined foodstuff item characteristic is identifiable.

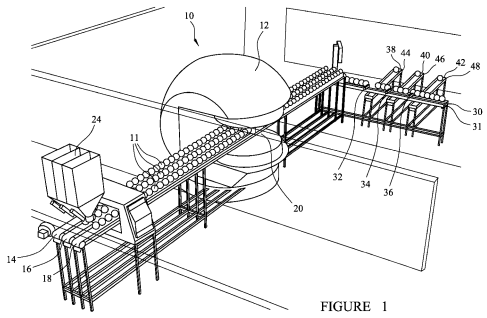


FIGURE 1

21: 2018/02034. 22: 2016/09/29. 43: 2019/05/17
51: G05D; E21B; G06Q; E21C; G06N; G08G

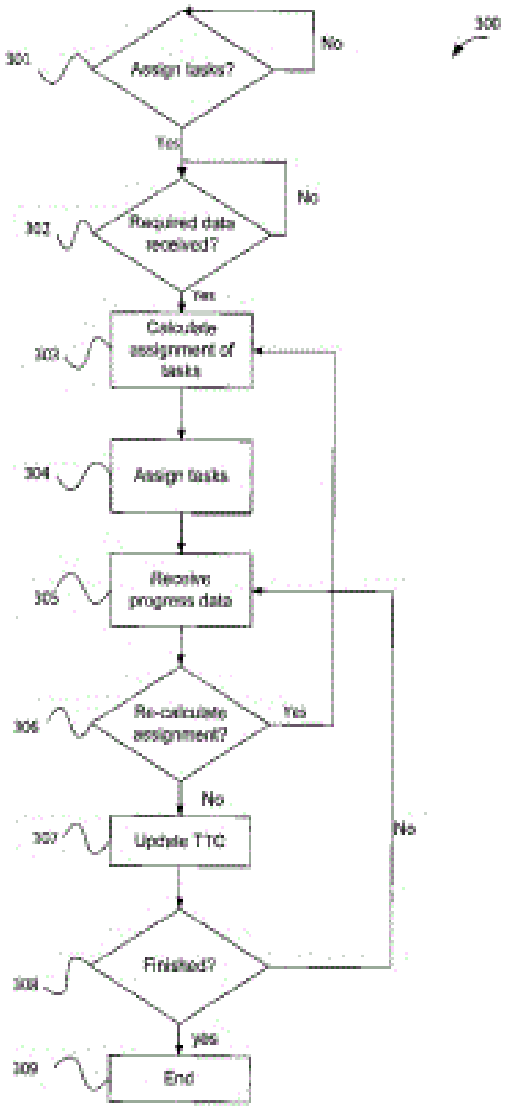
71: EPIROC ROCK DRILLS AKTIEBOLAG
72: LUNDH, ROBERT, JOYCE, STEPHEN, MANSOURI, MASOUMEH, ANDREASSON, HENRIK, PECORA, FEDERICO
33: SE 31: 1551256-9 32: 2015-10-01

54: METHOD AND SYSTEM FOR ASSIGNING TASKS TO MINING AND/OR CONSTRUCTION MACHINES

00: -

The present invention relates to a method for assigning a set of tasks to a plurality of mining and/or construction machines (200A, 200B;701-703), said machines (200A, 200B;701-703) being arranged to be driven between positions for performing tasks. The method includes: - defining a first set of constraints to be fulfilled when assigning said tasks to said plurality of mining and/or construction machines (200A, 200B;701-703); - finding an overall solution fulfilling said first set of constraints by solving each constraint as a sub-problem, a solution to at least one sub-problem being dependent on the solution of at least one other sub-problem; - said overall solution fulfilling said first set of constraints being an overall solution where a first of said sub-problems is validated by solutions of others of said sub-problems, and - assigning tasks to said plurality of machines (200A, 0B;701-703) according to the determined validated overall solution, wherein tasks of said set of tasks are arranged to 20 be carried out at least partially overlapping in time by said plurality of mining and/or construction machines (200A, 200B;701-703).

Fig. 3



21: 2018/02036. 22: 2016/08/19. 43: 2019/05/17
51: B60L; B64G; B60K; H02S
71: UNIVERSITY OF KWAZULU-NATAL
72: BEMONT, CLINTON PIERRE, VEALE, KIRSTY LYNN
33: GB 31: 1515247.3 32: 2015-08-27

54: SOLAR TRACKING ELECTRIC VEHICLE

00: -

This invention relates to an electric vehicle and more particularly, but not exclusively, to a solar vehicle of which a chassis is selectively adjustable relative to wheels of the vehicle. The electric vehicle includes a chassis, a suspension arrangement for connecting

the chassis to wheels of the vehicle, and a solar panel securable relative to the chassis. The vehicle is characterized in that an orientation of the chassis relative to a plane defined by the wheels of the vehicle can be selectively adjusted by adjusting the suspension arrangement, in order for the angular orientation of the solar panel also to be adjusted.

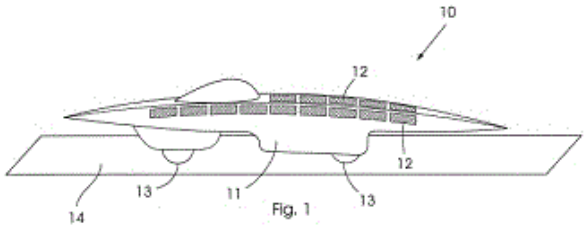


Fig. 1

21: 2018/02037. 22: 2016/09/30. 43: 2019/05/17
51: B02C
71: MMD DESIGN & CONSULTANCY LIMITED
72: BARBER, RICHARD PAUL
33: GB 31: 1517407.1 32: 2015-10-02
54: SIZER TOOTH
00: -
A sizer tooth assembly for a mineral sizer is described. The tooth assembly includes a horn protrusion extending from a rotatabie support, the horn protrusion having a pair of opposed front and rear faces; and a shell structure encapsulating the horn protrusion and defining the outer shape of the sizer tooth; wherein the shell structure comprises exactly two cover formations which are non-releasably secured to one another but not to the horn protrusion, to define when so secured a unitary tooth assembly. Each of the two cover formations seats upon and presents an inward engagement face to a respective one of the pair of opposed front and rear faces of the horn protrusion; and each such engagement face of a cover formation and its corresponding face of the horn protrusion are provided with a complementary arrangement of projections and recesses configured such that when the two cover formations are non-releasably secured to one another the shell structure is releasably connected upon the horn protrusion. A mineral sizer including such tooth assemblies and a method of constructing such a tooth assembly and especially of constructing a replacement for repair are also described.

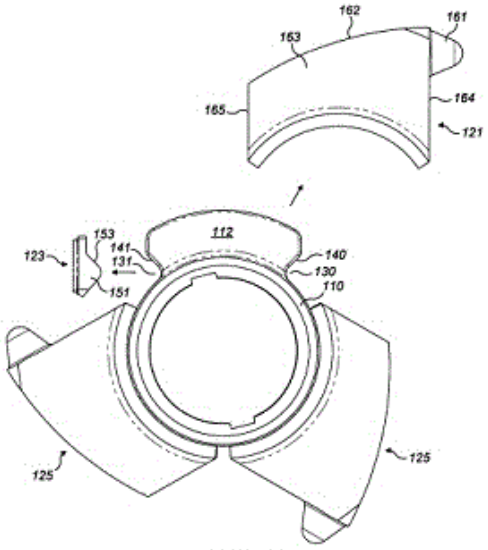


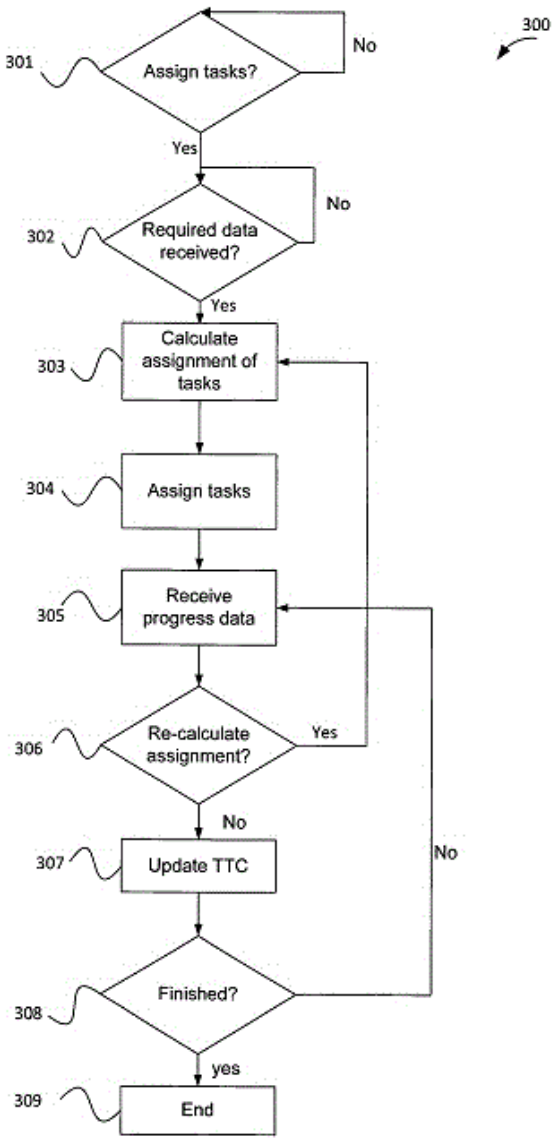
FIG. 2

21: 2018/02040. 22: 2016/10/21. 43: 2019/05/17
51: A61K
71: DELSITECH OY
72: LEINO, LASSE, JALONEN, HARRY, FORSBACK, ARI-PEKKA, JOKINEN, MIKA, NOPPARI, PANU
33: FI 31: 20155750 32: 2015-10-22
54: HYDROGEL COMPOSITE DEPOT FORMULATION
00: -
This invention relates to a depot formulation comprising a biodegradable silica hydrogel composite incorporating a nucleotide or nucleoside analogue reverse transcriptase inhibitor, wherein the silica hydrogel composite is obtainable by mixing silica particles comprising said nucleotide or nucleoside analogue reverse transcriptase inhibitor and having a maximum diameter of = 1 000 µm, as such or as a suspension, with silica sol wherein the hydrogel composite is non-flowing and structurally stable when stored at rest and shear-thinning when shear stress is applied by injection. The present invention also relates to use of the depot formulation for treatment of chronic viral infections and prevention of chronic viral reinfection. The present invention further relates to a prefilled syringes comprising said depot formulation.

21: 2018/02041. 22: 2016/09/29. 43: 2019/05/17
51: G06Q; E21B; G05D
71: EPIROC ROCK DRILLS AKTIEBOLAG

72: LUNDH, ROBERT, JOYCE, STEPHEN, MANSOURI, MASOUMEH, PECORA, FEDERICO, ANDREASSON, HENRIK
33: SE 31: 1551257-7 32: 2015-10-01
54: METHOD AND SYSTEM FOR ASSIGNING TASKS TO DRILL RIGS
00: -
The present invention relates to a method for assigning a set of tasks to a plurality of drill rigs (200A, 200B; 701-703), said tasks including drilling of holes by said plurality of drill rigs (200A, 200B; 701-703). The method includes: - defining a first set of constraints to be fulfilled when assigning tasks to said plurality of drill rigs (200A, 200B; 701-703); - finding an overall solution fulfilling said first set of constraints by solving each constraint as a sub-problem, a solution to at least one sub-problem being dependent on the solution of at least one other sub-problem; - said overall solution fulfilling said first set of constraints being determined when a solution to a first of said sub-problems is validated by solutions of others of said sub-problems, and - assigning tasks to said plurality of drill rigs (200A, 200B; 701-703) according to the determined validated overall solution, wherein tasks of said set of tasks are arranged to be carried out at least partially overlapping in time by said plurality of drill rigs (200A, 200B; 701-703).

Fig. 3



21: 2018/02042. 22: 2016/08/31. 43: 2019/05/17
51: G01N
71: POLYMER TECHNOLOGY SYSTEMS, INC.
72: PATWARDHAN, ANIRUDDHA, HUGHES, GARY L
33: US 31: 62/212,991 32: 2015-09-01
54: SYSTEMS AND METHODS FOR BLOOD SAMPLE PRESERVATION AND HEMATOCRIT SEPARATION
00: -
A system for preserving a blood sample and removing hematocrit includes a casing, the casing having a sample port and a lateral flow strip in the

casing, the lateral flow strip receiving a sample through the sample port, and flowing the sample down a length of the lateral flow strip.

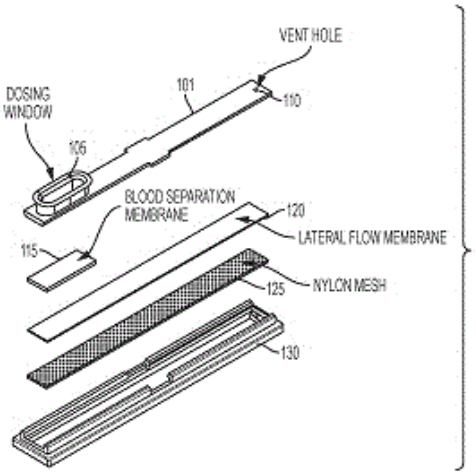


FIG. 2

21: 2018/02043. 22: 2016/09/02. 43: 2019/05/17
51: B01L; B65D; F16K; G01N
71: POLYMER TECHNOLOGY SYSTEMS, INC.
72: MOSKOWITZ, KEITH, DAILEY, CHRISTOPHER, XIE, CHARLES, LEE, RICHARD , PHAN, BAO
33: US 31: 62/213,469 32: 2015-09-02
54: SYSTEMS AND METHODS FOR CONTROLLING EXCESSIVE FLUID FLOW IN A CASSETTE DESIGNED TO RECEIVE A FLUID SAMPLE
00: -
A pinch wall and dam system for controlling fluid flow movement between a sample receiving pad and a test strip includes a sample receiving pad and a test strip in contact with the sample receiving pad. The fluid seeps more quickly under the first portion of the pinch wall than under the second portion of the pinch wall, such that the test strip becomes saturated prior to excess fluid being absorbed in the portion of the sample receiving pad away from the test strip such that the test strip does not become flooded, the portion of the sample receiving pad positioned away from the test strip being sufficiently sized to absorb the excess fluid. The pinch wall and dam system further includes a dam, sitting on top of the sample receiving pad, the dam preventing the backflow of fluid from an area near the first portion of the pinch wall.

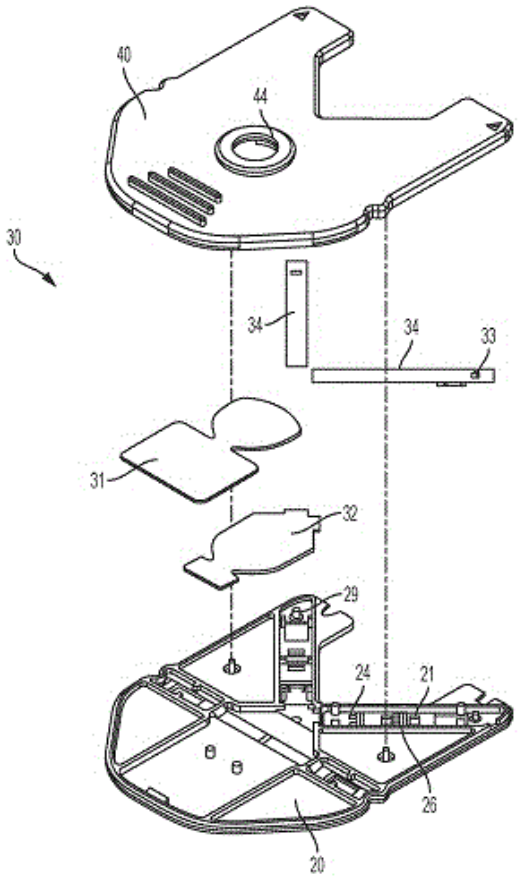
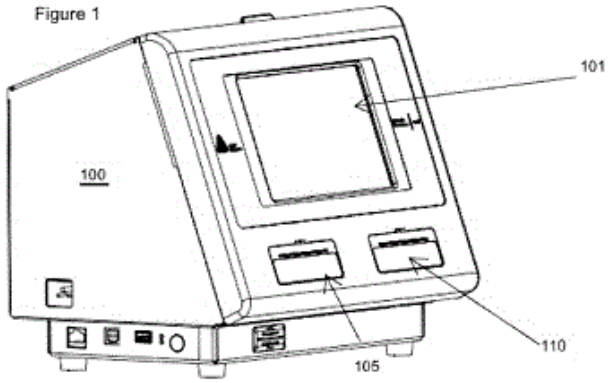


FIG. 1

21: 2018/02044. 22: 2015/10/06. 43: 2019/05/17
51: G06Q
71: AVERY DENNISON RETAIL INFORMATION SERVICES, LLC
72: DUCKETT, JEANNE F, WALKER, STEPHEN JOHN, EUSE, KAREN L, BLAIR, JAYNE
54: PRINTED TAGS FOR HEATED FOOD ITEMS
00: -
Systems and methods are provided for creating printed tags for use in connection with a heated food item placed into a hot holding unit. System components may include a user interface, a printer, and a controller. The controller is programmed to instruct the user interface to display a prompt for an operator to input information identifying one or more characteristics of a food item positioned within or to be placed into a hot holding unit. The controller receives the information from the user interface and instructs the printer to generate a tag identifying the

food item and the time at which the food item is to be removed from the hot holding unit and discarded. The tag may include a display area to display the printed information and a support area with a slit that allows the tag to be supported by a rack of the hot holding unit.

Figure 1



21: 2018/02063. 22: 2018/03/28. 43: 2019/05/14
51: A61K; A61P; A61Q
71: RECKITT BENCKISER LLC
72: BRUNING, Elizabeth, DE SZALAY, Sarah, Frances, WILSON (ANDRADE), Jessica, YANG, Rui
33: US 31: 62/235,716 32: 2015-10-01
54: PERSONAL CLEANSING COMPOSITIONS AND METHODS OF STABILIZING THE MICROBIOME
00: -
A personal wash composition which provides an effective antimicrobial benefit against fungi, gram positive and gram negative bacteria, which composition comprises: a) from 0.1% to 10wt% betaine surfactant, b) from 0.1% to 5.0wt% lactic acid, c) from 0.1% to 20wt% polyhydric C2-C6 alcohol, d) from 0% to 10wt% alkyl polyethoxy carboxylate of the formula RO(CH2CH2O)kCH2COO-M+ wherein R is a C8-C22 alkyl, k is an integer from 0 to 20, and M is a soluble salt-forming cation, e) from 0%to 10wt% alkyl polyethoxy amides of the formula RO(CH2CH2O)kCH2CONH2 wherein R is a C8-C22 alkyl, k is an integer from 0 to 20, f) >8wt% alkyl ether sulphate, g) water, h) a pH of 3.8-4.5, i) 10-20wt% total surfactant, j) from 0.1 to 10wt% metal salt.

21: 2018/02081. 22: 2016/11/02. 43: 2019/05/17
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: PALENIUS, TORGNY, KAZMI, MUHAMMAD, SIOMINA, IANA
33: US 31: 62/252,972 32: 2015-11-09
54: MEASURING MULTIPLE CARRIERS UNDER DISCONTINUOUS ACTIVITY
00: -
According to some embodiments, a method in a wireless device capable of operating in discontinuous activity mode comprises: determining that the wireless device is configured with a discontinuous reception (DRX) cycle longer than a DRX threshold; obtaining a reduced measurement group comprising a set of one or more cells or carriers to be measured; comparing a signal level of the serving cell at the wireless device with a signal threshold; and when the signal level of the serving cell at the wireless device is below the signal threshold, performing a measurement on the set of one or more cells or carriers of the reduced measurement group. Some embodiments include obtaining a normal measurement group comprising a set of one or more cells or carriers to be measured and measuring the normal measurement group when the signal level is equal to or above the signal threshold.

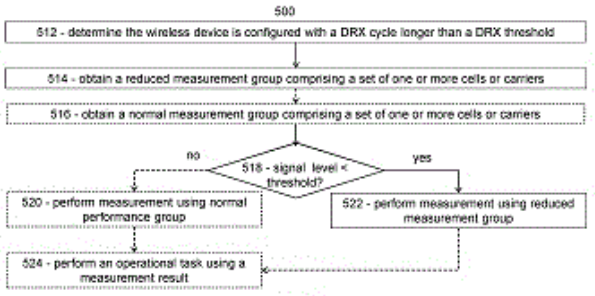


Fig. 5

21: 2018/02082. 22: 2016/09/13. 43: 2019/05/23
51: G01N; B01D
71: ROTACHROM TECHNOLÓGIAI KFT.
72: LORANTFY, LASZLO, NEMETH, LASZLO
33: HU 31: P1500393 32: 2015-09-01
54: EXTRACTION CELL FOR A CENTRIFUGAL PARTITION CHROMATOGRAPH, A CENTRIFUGAL PARTITION CHROMATOGRAPH CONTAINING SUCH A CELL, AND A METHOD FOR PRODUCING SUCH AN EXTRACTION CELL

00: -
The object of the invention relates to an extraction cell for a centrifugal, partition chromatograph, which extraction cell contains an extraction chamber delimited by a cell wall and accommodates the liquid stationary phase, and it has a liquid inlet opening and a liquid outlet opening serving to let in and out the liquid mobile phase to be made to flow through the extraction cell. The essence of the extraction cell is that it contains an extraction chamber established as a tubular body, and a liquid inlet plug that includes a liquid inlet opening and a liquid outlet plug that includes a liquid outlet opening, that can be attached to the extraction chamber. An insert is included in the extraction cell chamber in order to overcome the effects of the Coriolis force on the mobile phase. The diameter of the passages of the insert is chosen dependant on the diameter of the droplets of the mobile phase. The object of the invention also relates to a centrifugal partition chromatograph containing such an extraction cell, and a (method for producing such an extraction cell.

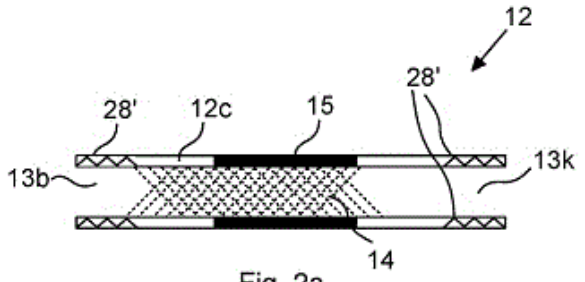
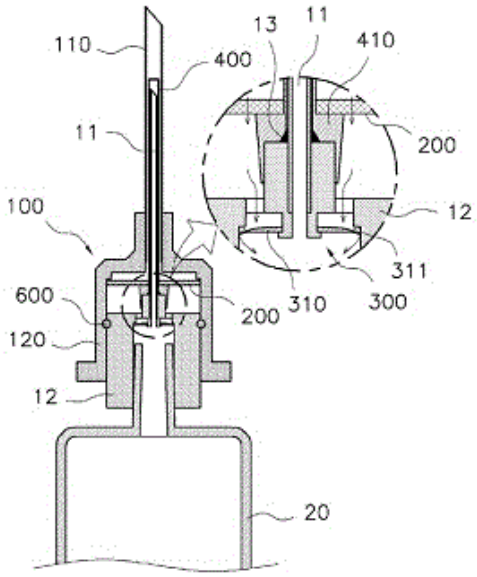


Fig. 2a

21: 2018/02086. 22: 2016/09/06. 43: 2019/05/17
51: A61M
71: RA, YONG-KUK
72: RA, YONG-KUK
33: KR 31: 10-2015-0127942 32: 2015-09-09
33: KR 31: 10-2016-0034288 32: 2016-03-22

54: FILTERING SYRINGE

00: -
The present invention relates to a filtering syringe, and more particularly, to an apparatus obtained by improving a syringe provided with a filter means for filtering foreign substances such as glass fragments of an ampoule, so as to prevent an injection needle or an injection flow passage from being contaminated with the foreign substances while allowing a liquid medicine to be smoothly sucked with a smaller force. The filtering syringe includes an injection needle (10), a cylinder (20) and a plunger and further includes a suction flow passage formed from a liquid medicine-container to the cylinder (20); an injection flow passage formed from the cylinder (20) to the injection needle (10); a filter means and a one-way valve means provided in the suction flow passage; and a detachable opening/closing means provided in the injection flow passage, wherein a flow passage portion of the suction flow passage extending from the liquid medicine-container to the filter means is formed independently of an outer peripheral surface of the injection needle (10) and the injection flow passage. The filtering syringe is configured such that the injection needle or the injection flow passage is isolated from the suction flow passage which is upstream of the filter means and in which the foreign substances may remain together with the liquid medicine, and such that the filter means and the one-way valve means responsible for a larger force required when the liquid medicine is sucked are externally provided, thereby allowing the liquid medicine to be sucked with a force less than that required for a conventional syringe and thus maximizing user's convenience and marketability of the syringe.



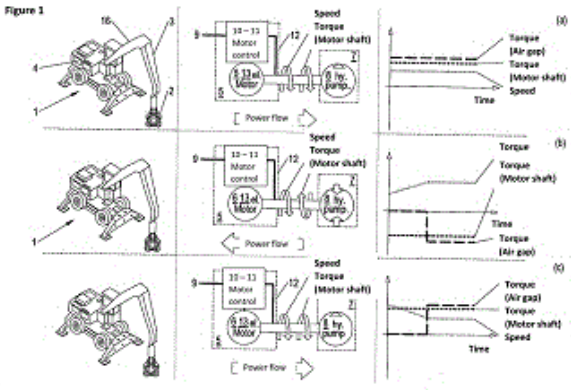
21: 2018/02087. 22: 2016/09/16. 43: 2019/05/17
51: B66C; E02F
71: LIEBHERR-COMPONENTS BIBERACH GMBH

72: MÜNST, THOMAS, BAYER, DANIEL
33: DE 31: 20 2015 008 403.6 32: 2015-12-07
33: DE 31: 20 2015 006 587.2 32: 2015-09-18

54: ELECTRICALLY DRIVEN MACHINE WITH REVERSE POWER STORAGE

00: -

The invention generally relates to a machine with an electric drive and an energy storage system for the intermediate storage of recovered energy. The invention relates in particular to machines that function statically or quasi-statically with a primary electric drive and a secondary hydraulic drive that function in cyclical movements, such as in the form of a material-transferring device like an excavator or crane, having an electric drive with at least one electric motor for driving the drive train of the machine and with an energy storage system for the intermediate storage of reverse power released during towing and/or braking operation and transferred from the drive train to the electric motor. The invention also further relates to a method for operating a machine with an electric drive, in which energy recovered during a towing or braking operation is used to compensate for system losses or is stored temporarily. It is proposed that at least most of the energy transferred from the drive train back to the electric motor not be converted into electric energy, but rather that it be stored in the form of kinematic energy and that, to this end, the electric motor be put into a state with regard to its electromagnetic resistance and/or its torsional or drag torque in which the drag resistance or the electromagnetic torque of the motor is largely eliminated or at least significantly reduced relative to regular motor and/or generator operation.



21: 2018/02089. 22: 2016/10/03. 43: 2019/05/17
51: B01D; F01N

71: DAPHNE TECHNOLOGY SA
72: MICHAN, JUAN MARIO
33: GB 31: 1517477.4 32: 2015-10-02

54: APPARATUS AND METHOD FOR ELECTRON IRRADIATION SCRUBBING

00: -

The present disclosure relates to methods of scrubbing of gas by exposure to electrons and apparatuses therefor. Such methods and apparatuses could be used to reduce harmful emissions created by the burning of fossil fuels, e.g. to power ships. According to one aspect there is provided apparatus for electron irradiation scrubbing, said apparatus comprising: an anode; a cathode a nanostructure located between said anode and said cathode, said nanostructure being configured to field-emit electrons in response to the presence of an electric field between the anode and cathode when a potential difference is established therebetween; and a housing coupled to said nanostructure and configured for locating the nanostructure so that it extends into a container containing gas to be scrubbed such that an interior of said container can be exposed to said electrons. According to further aspects there are provided systems comprising such apparatus and methods making use of it.

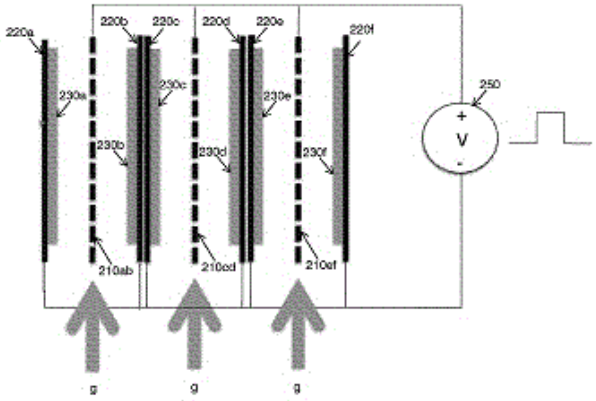


FIG. 2

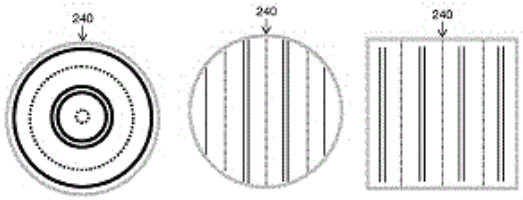


FIG. 2A FIG. 2B FIG. 2C

21: 2018/02090. 22: 2016/10/03. 43: 2019/05/17
51: C11D
71: UNILEVER PLC
72: BAG, PAPIYA, PAUL, PINTU, SARKAR, ARPITA
33: EP 31: 15190551.0 32: 2015-10-20
54: A COMPOSITION AND METHOD FOR TREATING SUBSTRATES
00: -
The present invention relates to a composition and a method for treating substrates, such as fabrics; particularly for stain removal across all kinds of stains. A single product that works across all the different kind of stains is still desired. It is an object of the present invention to provide a composition for aqueous/bleachable, oily, particulate and enzymatic stain removal. Surprisingly, it has been found that aqueous/bleachable, oily, particulate and enzymatic stain removal from fabric can be achieved by a composition comprising a surfactant system of an anionic and dianionic surfactants where the anionic surfactant is selected from the group of alkyl alkoxylated sulfates and said dianionic surfactant is chosen from the group of diphenyl oxide disulfonate having a carbon chain length ranging from C6 to C18, a fat solubilizing oil and hydrogen peroxide.

21: 2018/02130. 22: 2016/08/31. 43: 2019/05/14
51: A63B
71: NIMRICHTR, VÁCLAV
72: NIMRICHTR, VÁCLAV
33: CZ 31: PUV 2015-31482 32: 2015-09-03
54: A DEVICE FOR TRAINING AND REHABILITATION
00: -
The invention relates to the field of sports and sport rehabilitation, in particular to a device for training and rehabilitation, comprising a ball, connected in a dismantable way with at least one rod shaft, the rod shaft being provided at one of its ends with anchoring means.

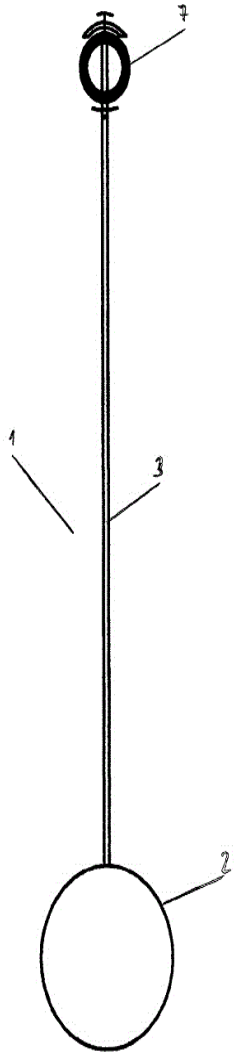


Fig. 1

21: 2018/02137. 22: 2016/10/18. 43: 2019/05/14
51: A23D
71: UNILEVER PLC
72: ARNAUDOV, LUBEN NIKOLAEV, FLENDRIG, LEONARDUS MARCUS, VAN DER HIJDEN, HENDRIKUS THEODORUS W M
33: EP 31: 15190433.1 32: 2015-10-19
54: COMPOSITION COMPRISING AN OIL PHASE
00: -
The present invention relates to a composition comprising an oil phase, and particles of puffed maize kernel endosperm, dispersed in said oil phase, wherein upon sieving at least 80 wt% of said particles passes a sieve with apertures of 500 µm.

The invention also provides a method to prepare such compositions and use of particles of puffed maize kernel endosperm to structure the oil phase of a composition comprising an oil phase.

21: 2018/02138. 22: 2016/10/18. 43: 2019/05/14
51: A23D
71: UNILEVER PLC
72: FLENDRIG, LEONARDUS MARCUS, VAN DER HIJDEN, HENDRIKUS THEODORUS W M, ARNAUDOV, LUBEN NIKOLAEV
33: EP 31: 15190433.1 32: 2015-10-19
54: COMPOSITION COMPRISING AN OIL PHASE
00: -
The present invention relates to a composition comprising an oil phase, and particles of puffed endosperm of a puffable seed, dispersed in said oil phase, wherein upon sieving at least 80 wt% of said particles passes a sieve with apertures of 500 µm. The invention also provides a method to prepare such compositions and use of particles of puffed endosperm to structure the oil phase of a composition comprising an oil phase.

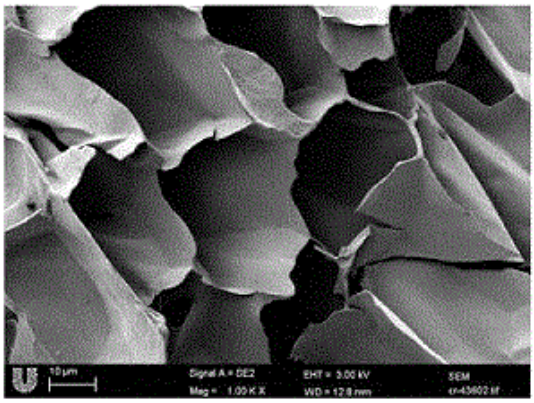


FIG. 2

21: 2018/02139. 22: 2016/10/18. 43: 2019/05/14
51: A23D
71: UNILEVER PLC
72: VAN DER HIJDEN, HENDRIKUS THEODORUS W M, VREEKER, ROBERT, VERBEEK, JAN HENDRIK T, KHALLOUFI, SEDDIK
33: EP 31: 15190392.9 32: 2015-10-19
54: COMPOSITION COMPRISING AN OIL PHASE
00: -
The invention provides a composition comprising a structured oil phase, wherein the oil phase comprises, liquid oil, hardstock fat; and a fibrous preparation of delaminated cell wall material dispersed in said oil phase, wherein the cell wall material is sourced from plant tissue, and wherein said fibrous preparation has a specific surface area corresponding to an $S_{BET}$of at least 5 m^2/g. The invention also relates to a method to prepare such compositions and the use of said cell wall material in combination with hardstock fat to structure the oil phase of a composition comprising an oil phase.

21: 2018/02195. 22: 2018/04/04. 43: 2019/05/27
51: B23K; B32B; C22C
71: Hydro Aluminium Rolled Products GmbH
72: ECKHARD, Kathrin, GÜßGEN, Olaf, RICHTER, Thorsten, JANSSEN, Hartmut, EIGEN, Nico
33: EP(DE) 31: 15188422.8 32: 2015-10-05
54: ALUMINUM COMPOSITE MATERIAL FOR USE IN THERMAL FLUX-FREE JOINING METHODS AND METHOD FOR PRODUCING SAME
00: -
The invention relates to an aluminum composite material for use in thermal flux-free joining methods, comprising at least one core layer, which consists of an aluminum core alloy, and at least one outer solder layer, which is provided on one side or both sides of the core layer and which consists of an aluminum solder alloy. The aim of proposing an aluminum composite material for use in a thermal flux-free joining method by means of which the soldering properties can be further optimized both in a vacuum and under shielding gas without the use of fluxes while avoiding the disadvantages known from the prior art is achieved in that the aluminum solder alloy has the following composition in wt%: 6.5% = Si = 13%, Fe = 1%, 90 ppm = Mg = 300 ppm, Bi < 500 ppm, Mn = 0.15%, Cu = 0.3%, Zn = 3%, Ti = 0.3%, the remainder Al and unavoidable impurities of at most 0.05% individually and at most 0.15% in total, and the aluminum solder layer has a surface that has been pickled in an alkaline or acidic manner. The invention further relates to a method for producing an aluminum composite material, in particular an aluminum composite material according to the invention, wherein at least one core layer consisting of an aluminum core alloy is provided and at least one outer solder layer consisting of an aluminum solder alloy is applied to one side or both sides of the core layer. The invention further relates to a method for thermally joining components and to a thermally joined construction.

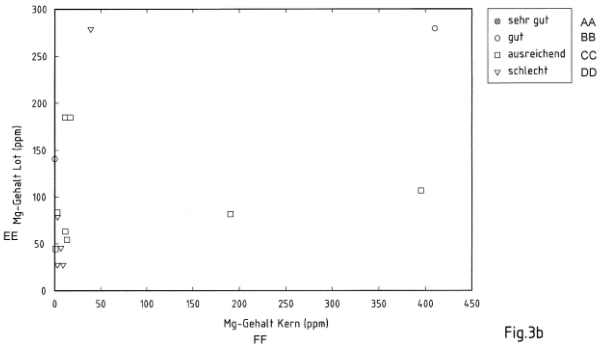
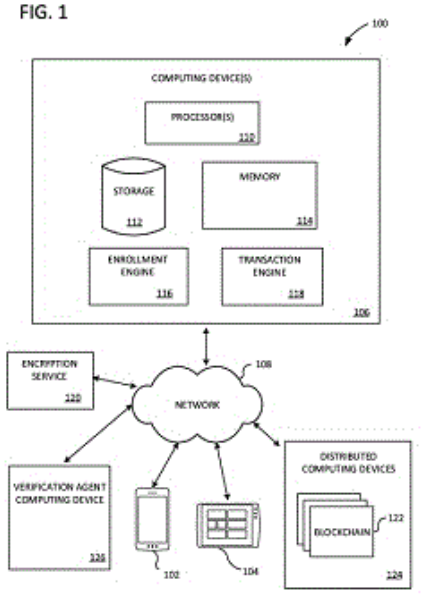


Fig.3b

AA Very good
BB Good
CC Adequate
DD Poor
EE Mg content of solder (ppm)
FF Mg content of core (ppm)

21: 2018/02203. 22: 2016/09/30. 43: 2019/05/21
51: G06Q; H04L
71: BANQU, INC.
72: GADNIS, ASHISH, KEISER, JEFFREY A, LINTON, MICHAEL, NATALENKO, STANISLAV
33: US 31: 62/495,574 32: 2015-10-17
54: BLOCKCHAIN-BASED IDENTITY AND TRANSACTION PLATFORM
00: -
Systems, methods, and computer media implementing blockchain-based identity and transaction platforms are described herein. Identity information, such as a photo, for a person can be encrypted and stored in a blockchain as part of enrolling the person as a user in a blockchain- based identity and transaction platform. Trust relationships can be formed between the user and other users, and records of the trust relationships can also be stored in the blockchain. Transactions between the user and other users with whom the user has formed a trust relationship can also be stored in the blockchain. The transactions can be authorized, for example, through a multi-stage verification process that accesses information stored on the blockchain. The transactions and identity information, along with other information, contribute to an economic identity of the person.

FIG. 1



21: 2018/02204. 22: 2016/10/10. 43: 2019/05/14
51: H02J
71: LT LIGHTING (TAIWAN) CORPORATION
72: SHUY, GEOFFREY WEN-TAI, LAI, HSIN-CHEN, LI, CHANG-HORANG
33: US 31: 14/880,101 32: 2015-10-09
54: MAXIMUM ENERGY UTILIZATION POINT TRACKING TECHNOLOGIES
00: -
When one operates an energy system at its maximum energy utilization point (MEUP) consistently, one can receive the most amount of energy benefit from the system. The practical MEUP tracking technologies operate generator at a voltage for maximum power extraction and also to produce near-maximum power; incorporate the invented surplus energy extraction devices to near-perfectly extract all power generated; temporarily store the surplus energy into designed energy reservoirs; add the invented supply devices to combined the energy from the extractor and from the reservoirs; prepare and deliver the right amount of power to exactly satisfy the instantaneous demand at all time. Thus effectuates finding and tracking the MEUP of the energy system.

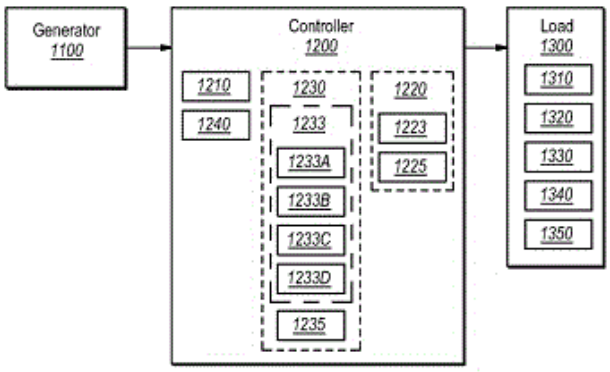


FIG. 1B

21: 2018/02207. 22: 2016/10/07. 43: 2019/05/14
51: A47J
71: CAFFITALY SYSTEM S.P.A.
72: ALVAREZ VIRTOLI, ITALO ANDREA, ZAPPELLA, SERGIO
33: IT 31: 102015000063037 32: 2015-10-19
33: IT 31: 102015000063076 32: 2015-10-19
33: IT 31: 102015000063023 32: 2015-10-19
54: BEVERAGE DISPENSING UNIT AND APPARATUS COMPRISING SAID DISPENSING UNIT
00: -
This invention relates to a beverage dispensing unit (1; 13; 15; 17) for an apparatus for supplying a beverage, in particular for supplying coffee. The dispensing unit comprises an infeed section (21) for a beverage to be dispensed and a dispensing section (23), comprising three dispensing spouts (31, 32, 33). The dispensing unit also comprises two ducts (41, 42) interposed in parallel between the infeed section (21) and the dispensing section (23), each duct (41, 42) comprising an infeed (43) in liquid transfer communication with the infeed section (21) and an outfeed (44) in liquid transfer communication with the dispensing section (23). Each duct (41, 42), in use, receives a respective part of the beverage. The dispensing unit also comprises a movable member (5; 53; 7) shiftable between a first position and a second position, and vice versa. The movable member (5; 53; 7) is designed to change a liquid transfer path between the outfeeds (44) of the two ducts (41, 42) and the dispensing section (23) as follows. When the movable member (5; 53; 7) is in the first position, the respective parts of beverage are introduced into a same first dispensing spout (31); when the movable member (5; 53; 7) is in the second position, the respective part of beverage of one duct (41) is introduced into a second dispensing spout (32) and the respective part of beverage of the other duct (42) is introduced into a third dispensing spout (33). This invention also relates to an apparatus for supplying a beverage, comprising said dispensing unit, and a method for dispensing a beverage.

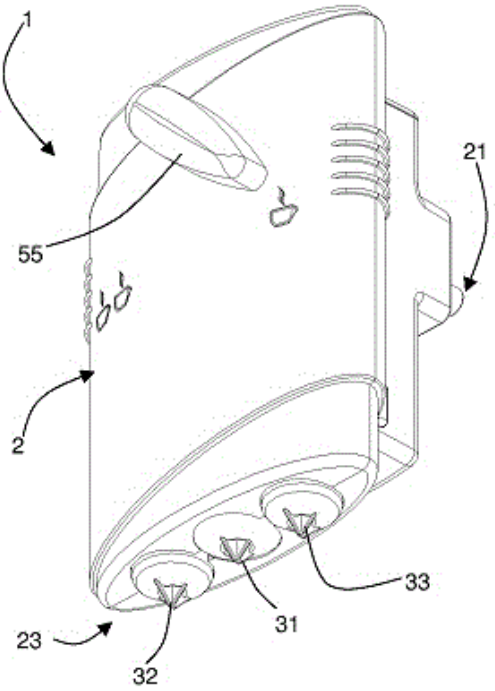


FIG. 1

21: 2018/02208. 22: 2016/09/02. 43: 2019/05/14
51: G01S
71: THE CLIMATE CORPORATION
72: KLEEMAN, ALEXANDER, LAKSHMANAN, VALLIAPPA, REID, BETH
33: US 31: 62/216,426 32: 2015-09-10
33: US 31: 14/945,282 32: 2015-11-18
54: GENERATING PROBABILISTIC ESTIMATES OF RAINFALL RATES FROM RADAR REFLECTIVITY MEASUREMENTS
00: -
A method and system for generating probabilistic estimates of precipitation intensity from radar reflectivity measurements is provided. In an embodiment, an agricultural intelligence computer system receives radar reflectivity measurements for a particular location from an external data source.

The agricultural intelligence computer system constructs a probability distribution of drop sizes describing the probability that the precipitation included drops of various sizes based on the radar reflectivity measurements. The agricultural intelligence computer system samples a plurality of values from the probability of distribution of drop sizes and uses the plurality of values and the radar reflectivity measurements to compute a plurality of rainfall rates. Based on the plurality of rainfall rates, the agricultural intelligence computer system constructs a probability distribution of rainfall rates for the particular location.

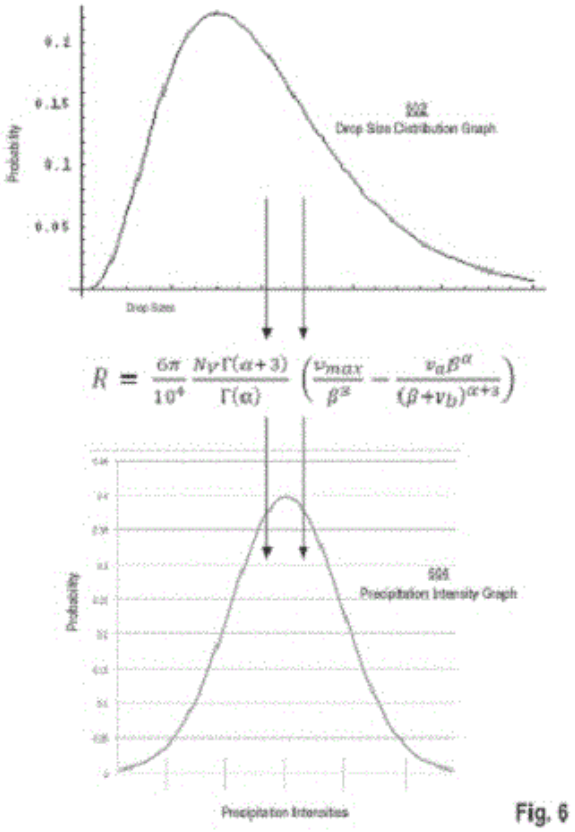


Fig. 6

21: 2018/02209. 22: 2016/09/22. 43: 2019/05/14
51: B29C
71: ABATE BASILIO & C. S.N.C.
72: ABATE, DAVIDE
33: IT 31: UB2015A003830 32: 2015-09-23
54: PERFECTED METHOD AND APPARATUS TO INJECTION CO-MOULD AND ASSEMBLE PLASTIC MATERIAL OBJECTS
00: -
It is described a method and an apparatus for injection co-mould and assemble plastic material objects having a first part provided with a hinge pin, and a second part provided with an annular element suitable to be coupled in an articulated manner. The apparatus includes a mould having separated moulding impressions for the two parts to be moulded; a first moulding pin element defining the pin impression and a second moulding pin element defining the annular element impression are provided. The apparatus includes cooling means; particularly the first pin element is internally provided with a channel and a tubular element, being coaxially arranged and defining a cooling gap. A cooling fluid flows through the tubular element and the gap. Cams are provided which axially move the pin elements to cause the automatic assembly of the object during the mould opening and then to allow extracting the moulded object.

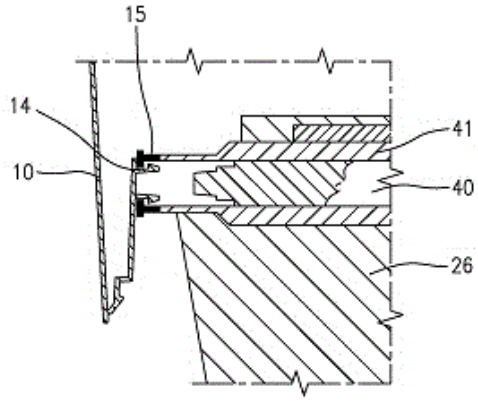


Fig. 8

21: 2018/02223. 22: 2018/04/05. 43: 2019/05/10
51: A61B; A61M; A61N
71: Milestone Scientific, Inc.
72: HOCHMAN, Mark N., OSSER, Leonard A.
33: US 31: 62/242,745 32: 2015-10-16
54: METHOD AND APPARATUS FOR SUBCUTANEOUS INJECTION WITH ELECTRIC NERVE STIMULATION
00: -
A system (5, 405) for infusing medication into a subject is provided. The system (5, 405) includes an injection system (50, 450) for controlling fluid flow from a fluid reservoir to a needle. A sensor (20) detects a characteristic indicative of fluid pressure in the needle. The injection system (50, 450) controls the flow of fluid to the needle in response to the

characteristic detected by the sensor (20), which continuously detects the characteristic as the needle is inserted into the subject. The system may include a light assembly (100) connected with the injection system. The light assembly (100) may provide a continuously variable signal indicative of the fluid pressure in the needle. The system (5, 405) may further provide a mechanism that provides cues to the operator to insert the needle at a particular rate. The system may further include a conductive element (334) for providing electric nerve stimulation.

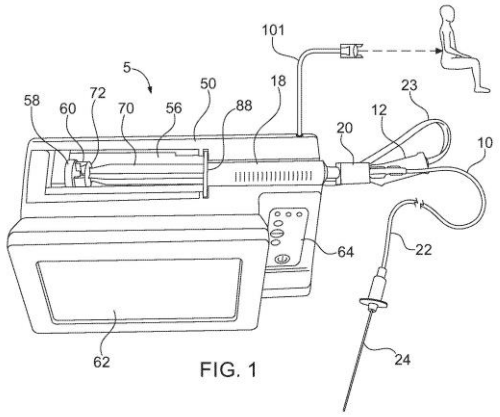


FIG. 1

21: 2018/02232. 22: 2016/09/22. 43: 2019/05/14
51: A61K; A61Q
71: UNILEVER PLC
72: DONG, WENYAN, GHATLIA, NARESH DHIRAJLAL, WANG, LIN, ZHU, SHUQI
33: EP 31: 15197451.6 32: 2015-12-02
33: CN 31: PCT/CN2015/092931 32: 2015-10-27
54: SKIN CARE COMPOSITION COMPRISING TURBOSTRATIC BORON NITRIDE
00: -
Disclosed is a personal care composition comprising turbostratic boron nitride, porous silica having a specific surface area of higher than 300 m2/g, and a cosmetically acceptable carrier.

21: 2018/02233. 22: 2016/10/04. 43: 2019/05/14
51: A61Q; A61K
71: UNILEVER PLC
72: DAMODARAN, ANITA, JOSHI, MANOJ KUMAR, KUNJUPILLAI, BALU, SHARIFF, REZWAN
33: EP 31: 15188360.0 32: 2015-10-05
54: A SKIN LIGHTENING COMPOSITION
00: -
The present invention is in the field of personal care compositions; in particular skin lightening compositions. It is believed that niacinamide reduces the melanosome transfer from melanocytes to keratinocytes thereby bringing about skin lightening. However, niacinamide is known to have little or no effect directly on the melanin content in the melanocytes. Thus a composition with multiple modes of action,that combines the reduction of melanosome transfer and the reduction of melanin content in the melanocytes remains to be desired. It is therefore an object of the present invention to provide a composition with synergistic amounts of picolinamide and niacinamide, providing improved melanosome transfer inhibition. It has been found that a synergistic skin lightening effect is obtained when niacinamide is combined with its isomer, picolinamide.

21: 2018/02234. 22: 2016/10/04. 43: 2019/05/14
51: B32B; E04C
71: OUTOKUMPU OYJ
72: FRÖHLICH, THOMAS, LINDNER, STEFAN
33: EP 31: 15188317.0 32: 2015-10-05
54: METHOD FOR MANUFACTURING A WELDED COMPONENT AND USE OF THE COMPONENT
00: -
The invention relates to a method for manufacturing a welded component, where at least one material piece is positioned between metal pieces to be welded together. At least one protrusion (5, 13, 23, 33, 43) is achieved to at least one of the metal pieces (3, 4; 11, 12; 21, 22; 31, 32; 41, 42) to be welded together, and at least one opening (2, 14, 24, 34, 44) is achieved to at least one material piece (1, 15, 25, 35, 45) which is positioned between the metal pieces (3, 4; 11, 12; 21, 22; 31, 32; 41, 42) to be welded and isolated (16, 17; 26; 36) from the metal pieces to be welded. At least one part of the protrusion (5, 13, 23, 33, 43) in one of those metal pieces to be welded together is taken through the opening (2, 14, 24, 34, 44) in order to have mechanical contact through the upper end of the protrusion (5, 13, 23, 33, 43) with the second metal piece to be welded. Welding (37, 38, 39) of the metal pieces together is carried out by focusing the weld effect to the surface of the second metal piece which is in connection with the protrusion to the first metal

piece to be welded. The invention also relates to the use of the component.

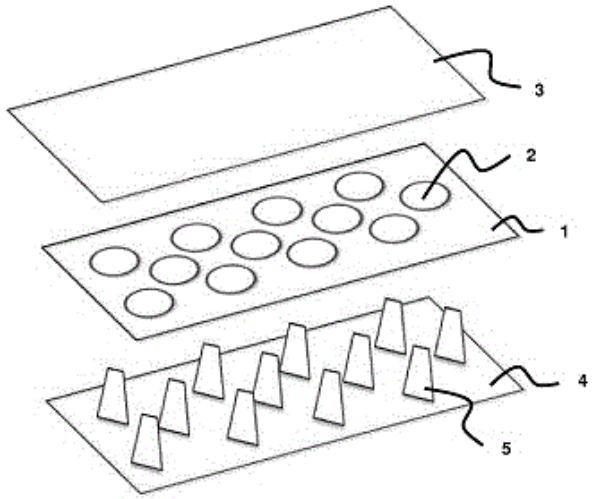


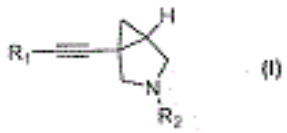
FIG. 1

21: 2018/02235. 22: 2016/10/21. 43: 2019/05/14
51: C07D; A61K; A61P
71: HUA MEDICINE (SHANGHAI) LTD.
72: CHEN, LI, DUAN, YUEJIAO, SHE, JIN, WU, CHENGDE
33: CN 31: 201510713865.7 32: 2015-10-28

54: PYRROLIDINE DERIVATIVES

00: -

Provided herein are compounds of the formula (I), as well as pharmaceutically acceptable salts thereof, wherein the substituents are as those disclosed in the specification. These compounds, and the pharmaceutical compositions containing them, are useful for the treatment or prevention of mGluR5 mediated disorders, such as acute and/or chronic neurological disorders, cognitive disorders and memory deficits, as well as acute and chronic pain.



(I)

21: 2018/02237. 22: 2016/10/21. 43: 2019/05/14
51: B01L; A61B; G01N
71: COPAN ITALIA S.P.A.
72: MARTELLO, GIORGIO
33: IT 31: 102015000068584 32: 2015-11-03

54: DEVICE FOR COLLECTING, TRANSFERRING, AND STORING SAMPLES OF A BIOLOGICAL AND/OR CHEMICAL MATERIAL

00: -

A device for collecting, transferring, and storing samples of a biological and/or chemical material, wherein the device (20) comprises: a support body (21), developing along a main longitudinal direction (22) between a first end (23) and a second end (24) opposite to each other and connected by an intermediate portion (25) elongate in the main longitudinal direction (22), a collection portion (26) engaging the first end (23) and configured to collect a quantity of a sample of a biological and/or chemical material, the collection portion (26) being defined at least by a first coating layer (26a) realized on the first end (23) and made from an elastically deformable material and by a second coating layer (26b) consisting of a layer of flocked fibers, the second coating layer (26b) being realized through a fiber flocking process on the first coating layer (26a) and being configured to absorb a quantity of liquid including at least one sample of a biological and/or chemical material.

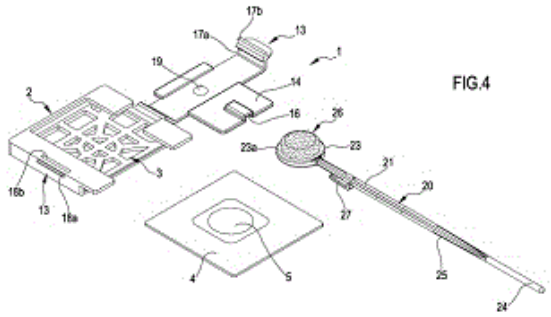


FIG.4

21: 2018/02270. 22: 2016/08/19. 43: 2019/05/14
51: H01Q
71: CPG TECHNOLOGIES, LLC
72: CORUM, JAMES F, CORUM, KENNETH L, PINZONE, JR. BASIL F
33: US 31: 14/849,962 32: 2015-09-10

54: HYBRID PHASED ARRAY TRANSMISSION

00: -

Disclosed are various embodiments of an electromagnetic hybrid phased array system. One such embodiment includes a guided surface waveguide probe, and a contrawound toroidal helix antenna collocated with the guided surface waveguide probe in which the contrawound toroidal helix comprises ring elements spaced from each

other and wrapped around the guided surface waveguide probe. The system further includes a signal source applied to at least the guided surface waveguide probe, such that the guided surface waveguide probe and the contrawound toroidal helix contribute individual vertical electric fields to form a radiation pattern based on the phase and amplitude characteristics of the individual vertical electric fields.

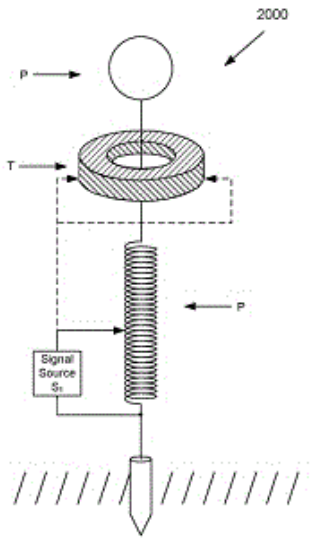


FIG. 21

21: 2018/02271. 22: 2016/08/17. 43: 2019/05/02
51: G01S
71: CPG TECHNOLOGIES, LLC
72: CORUM, JAMES F, CORUM, KENNETH L, LILLY, JAMES D
33: US 31: 62/216,720 32: 2015-09-10
54: GEOLOCATION USING GUIDED SURFACE WAVES
00: -
Disclosed are various approaches for determining positions of a navigation unit and correcting for errors. The navigation unit can receive a guided surface wave using a guided surface wave receive structure. The navigation unit can then determine a potential location of the guided surface wave receive structure. Finally, the navigation unit can determine an accuracy of the potential location based at least in part on a secondary data source.

21: 2018/02272. 22: 2016/08/17. 43: 2019/05/27
51: H02J
71: CPG TECHNOLOGIES, LLC
72: CORUM, JAMES F
33: US 31: 62/216,829 32: 2015-09-10
54: GLOBAL TIME SYNCHRONIZATION USING A GUIDED SURFACE WAVE
00: -
Disclosed are various embodiments of apparatuses and methods for global time synchronization using a guided surface wave traveling along the surface of a terrestrial medium. In one embodiment, a guided surface wave receive structure receives electrical energy from a guided surface wave that is generated at a specific time and is traveling along a terrestrial medium. A time synchronization circuit that is coupled to the guided surface wave receive structure synchronizes its time with the time at the origin of the guided surface wave based at least in part based on the propagation delay of the guided surface wave between the origin of the guided surface wave and the guided surface wave receive structure.



FIG. 21

21: 2018/02273. 22: 2016/08/17. 43: 2019/05/02
51: A61N
71: CPG TECHNOLOGIES, LLC
72: CORUM, JAMES F, CORUM, KENNETH L, CARLTON, PAUL KENDALL, PINZONE, JOSEPH F
33: US 31: 62/215,868 32: 2015-09-09
54: POWER INTERNAL MEDICAL DEVICES WITH GUIDED SURFACE WAVES
00: -
Disclosed is an implantable medical device and methods of using the medical device. The medical device may include a guided surface wave receive structure configured to receive a guided surface

wave transmitted by a guided surface waveguide probe. The guided surface wave receive structure in the medical device generates an alternating current signal when the guided surface wave is received. The medical device includes a power circuit that is coupled to the guided surface wave receive structure. The power circuit includes a power storage circuit to store the power signal. The medical device includes a medical circuit that comprises a stimulus circuit, a monitoring circuit, and potentially other components. The stimulus circuit provides a stimulus to a human body. The monitoring circuit measures a characteristic of the human body.

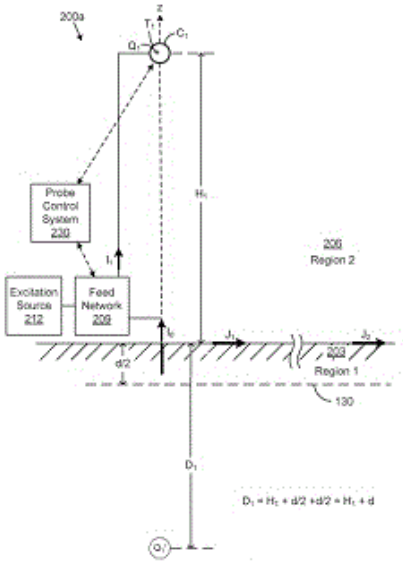


FIG. 3

21: 2018/02274. 22: 2016/08/18. 43: 2019/05/14
51: H04B; H01P; H02J
71: CPG TECHNOLOGIES, LLC
72: CORUM, JAMES F, CORUM, KENNETH L
33: US 31: 14/848,494 32: 2015-09-09
54: RETURN COUPLED WIRELESS POWER TRANSMISSION
00: -
Aspects of return coupled wireless power transmission systems are described. In one embodiment, a system includes a guided surface waveguide probe including a charge terminal elevated at a height over a lossy conducting medium, a ground stake, and a feed network. The system further includes a conductor coupled to the ground stake that extends a distance away from the guided surface waveguide probe across the lossy conducting medium, and at least one guided surface wave receivers including a ground connection coupled to the conductor. The conductor can help to provide additional efficiency in power transfer between the guided surface waveguide probe and the guided surface wave receivers, especially when the operating frequency of the probe is in the medium, high, or very high frequency ranges.

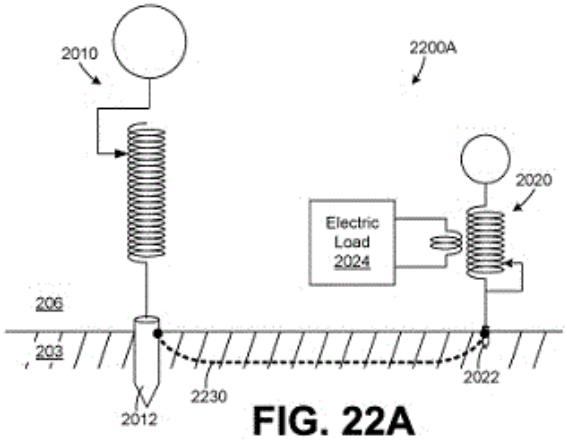


FIG. 22A

21: 2018/02275. 22: 2016/08/22. 43: 2019/05/14
51: G01S; H01P; H04B
71: CPG TECHNOLOGIES, LLC
72: CORUM, JAMES F, CORUM, KENNETH L, LILLY, JAMES D, D'AURELIO, MICHAEL J
33: US 31: 14/850,051 32: 2015-09-10
54: GEOLOCATION USING GUIDED SURFACE WAVES
00: -
Disclosed are various embodiments for fixing a navigational position using guided surface waves launched from guided surface wave waveguide probes at various ground stations. A guided surface wave is received using a guided surface wave receive structure. A reflection of the guided surface wave is received using the guided surface wave receive structure. An amount of time that has elapsed between receiving the guided surface wave and receiving the reflection of guided surface wave is calculated. A location of the guided surface wave receive structure is determined based at least in part on the amount of time elapsed between receiving the guided surface wave and receiving the reflection of guided surface wave.

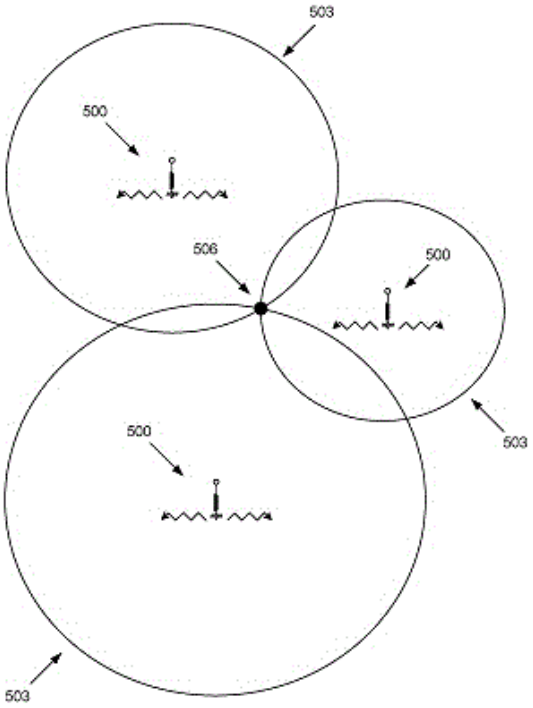


FIG. 22

21: 2018/02276. 22: 2016/08/22. 43: 2019/05/21
51: G01C; G01S
71: CPG TECHNOLOGIES, LLC
72: CORUM, JAMES F, CORUM, KENNETH L, LILLY, JAMES D, D'AURELIO, MICHAEL J
33: US 31: 14/850,056 32: 2015-09-10
54: GEOLOCATION WITH GUIDED SURFACE WAVES
00: -
Disclosed are various approaches for navigation identifying one's current position. A navigation device receives a guided surface wave using a guided surface wave receive structure. The navigation device then receives a reflection of the guided surface wave using the guided surface wave receive structure. The navigation device calculates an amount of time elapsed between receiving the guided surface wave and receiving the reflection of guided surface wave. The navigation device then measures an angle between a wave front of the guided surface wave and a polar axis of the Earth. Finally the navigation device determines a location of the guided surface wave receive structure based at least in part on the angle between the wave front of the guided surface wave and the polar axis of the Earth the amount of time elapsed between receiving the guided surface wave and receiving the reflection of guided surface wave.

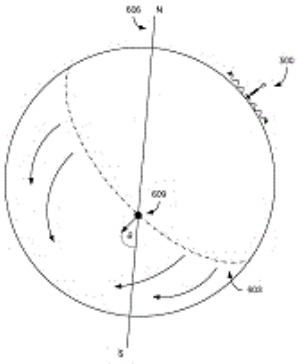


FIG. 23

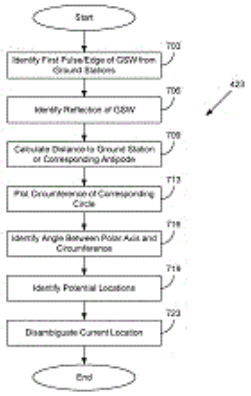


FIG. 24

21: 2018/02277. 22: 2016/08/18. 43: 2019/05/14
51: G01C; G01S
71: CPG TECHNOLOGIES, LLC
72: CORUM, JAMES F, CORUM, KENNETH L, LILLY, JAMES D, D'AURELIO, MICHAEL J
33: US 31: 14/850,042 32: 2015-09-10
54: GEOLOCATION USING GUIDED SURFACE WAVES
00: -
Disclosed are various approaches for determining a location using guided surface waves. A guided surface wave is received. A field strength of a guided surface wave is identified. A phase of the guided surface wave is identified. A distance from a guided surface waveguide probe that launched the guided surface wave is calculated. A location is determined based at least in part on the distance from the guided surface waveguide probe.

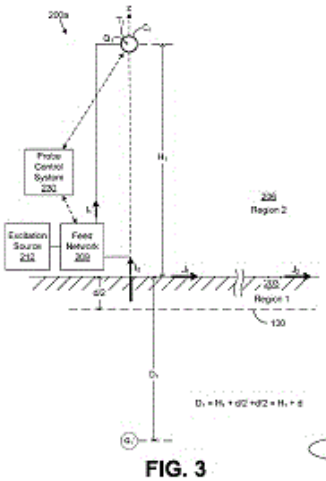


FIG. 3

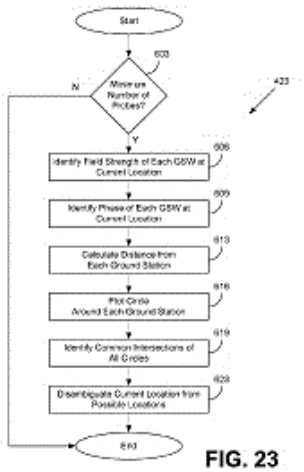


FIG. 23

21: 2018/02278. 22: 2016/08/18. 43: 2019/05/14
51: G01S
71: CPG TECHNOLOGIES, LLC
72: CORUM, JAMES F, CORUM, KENNETH L, LILLY, JAMES D, D'AURELIO, MICHAEL J
33: US 31: 14/850,071 32: 2015-09-10
54: GEOLOCATION USING GUIDED SURFACE WAVES
00: -
Disclosed are various approaches for determining a location using guided surface waves. A wavelength and a phase of a base guided surface wave launched from a ground station and received by the guided surface wave receive structure are identified. A range of an overlaid guided surface wave launched from the ground station and received by the guided surface wave receive structure are identified., wherein the range of the overlaid guided surface wave is measured as a number of wavelengths of the base guided surface wave. A distance of the guided surface wave receive structure from the ground station based at least in part on the phase of the base guided surface wave and the range of the overlaid guided surface wave is calculated. Finally, a location of the guided surface wave receive structure based at least in part on the distance of the guided surface wave receive structure from the ground station is determined.

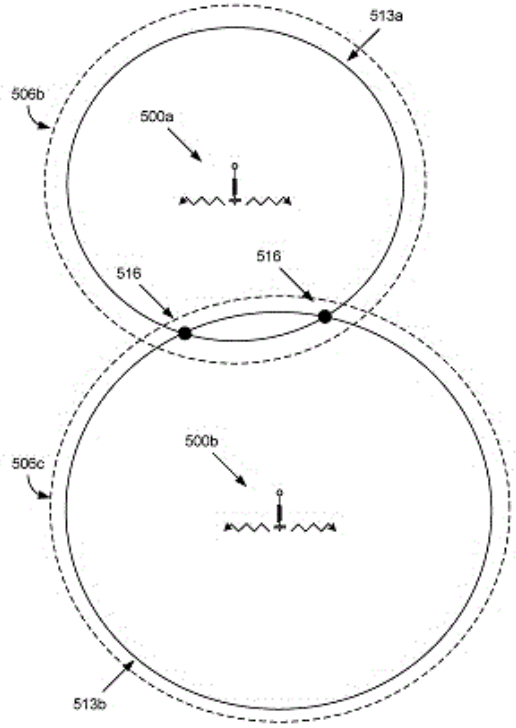


FIG. 24

21: 2018/02279. 22: 2016/08/22. 43: 2019/05/02
51: H02J
71: CPG TECHNOLOGIES, LLC
72: CORUM, JAMES F, CORUM, KENNETH L, LILLY, JAMES D
33: US 31: 14/849,372 32: 2015-09-09
54: ADAPTATION OF ENERGY CONSUMPTION NODE FOR GUIDED SURFACE WAVE RECEPTION
00: -
Disclosed, in one example, is an energy consumption node. The node includes a guided surface wave receive structure configured to obtain electrical energy from a guided surface wave traveling along a terrestrial medium. The node also includes a distribution system coupled to the guided

surface wave receive structure and configured to distribute the obtained electrical energy to an electrical load coupleable to the distribution system.

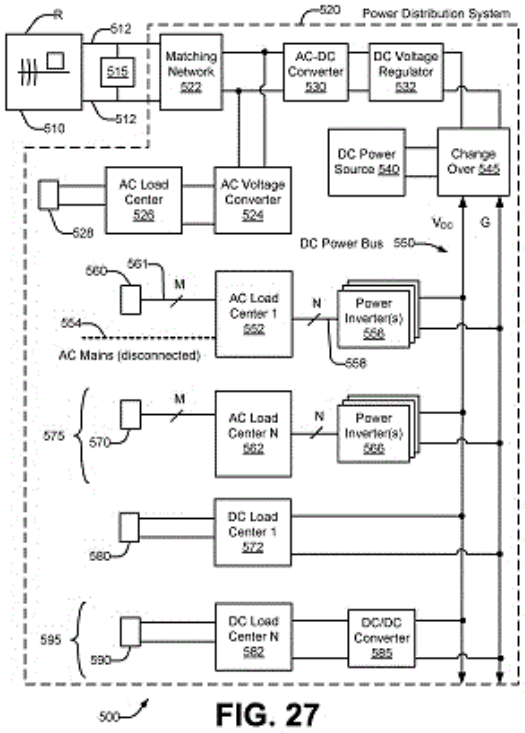


FIG. 27

21: 2018/02285. 22: 2018/04/06. 43: 2019/06/04
51: C22C
71: US SYNTHETIC CORPORATION
72: BERGTAGNOLLI, KENNETH, E, QIAN, JIANG, WIGGINS, JASON, VAIL, MICHAEL, A, MUKHOPADHYAY, DEBKUMAR
33: US 31: 12/244,960 32: 2008-10-08
54: POLYCRYSTALLINE DIAMOND,POLYCRYSTALLINE DIAMOND COMPACT, METHOD OF FABRICATING SAME, AND VARIOUS APPLICATIONS
00: -
Embodiments of the invention relate to polycrystalline diamond ("PCD") exhibiting enhanced diamond-to-diamond bonding. In an embodiment, PCD includes a plurality of diamond grains defining a plurality of interstitial regions. A metal-solvent catalyst occupies at least a portion of the plurality of interstitial regions. The plurality of diamond grains and the metal-solvent catalyst collectively exhibit a coercivity of about 115 Oersteds ("Oe") or more and a specific magnetic saturation of about 15 Gauss cm3/grams ("G cm3/g") or less. Other embodiments are directed to polycrystalline diamond compacts ("PDCs") employing such PCD, methods of forming PCD and PDCs, and various applications for such PCD and PDCs in rotary drill bits, bearing apparatuses, and wire-drawing dies.

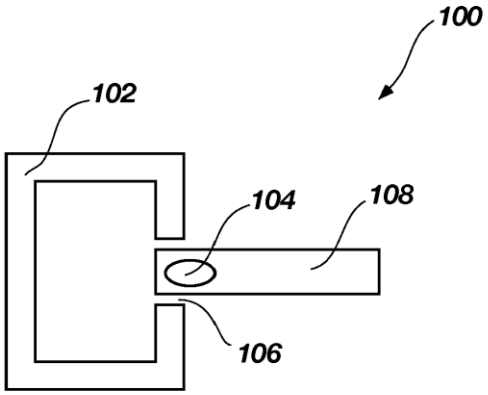


FIG. 1A

21: 2018/02301. 22: 2018/04/09. 43: 2019/05/14
51: C23C
71: CHEMETALL GMBH
72: MAURUS, Norbert, WENDEL, Thomas, KHELFALLAH, Nawel, Souad
33: DE 31: 10 2015 217 585.5 32: 2015-09-15
54: PRE-TREATING ALUMINUM SURFACES WITH ZIRCONIUM- AND MOLYBDENUM-CONTAINING COMPOSITIONS
00: -
The invention relates to a method for pre-treating workpieces with a surface made of aluminum or aluminum alloys for a forming process without machining and/or for a connection process by welding or adhering with identically pre-treated or optionally otherwise pre-coated workpieces or with optionally pre-coated parts made of steel and/or galvanized steel and/or alloy galvanized steel and for a subsequent permanently corrosion-protective treatment by means of a phosphating process, a non-chromate conversion treatment, a primer application process, or by painting. The workpiece is a) pickled with an aqueous acid solution containing

mineral acid in an immersion or spraying process, b) rinsed with water, and c) brought into contact with an aqueous acid solution, which is free of chromate and contains Zr as complex fluoride and Mo as molybdate in a weight ratio (calculated as Zr/Mo metal) of Zr : Mo from 15 : 1 to 3.5 : 1, using an immersion or spraying application such that after the subsequent drying process, a layer weight of 2 to 5 mg/m2 of Zr and Mo results in each case, wherein the solution contains 100 to 800 mg/l of Zr and 30 to 100 mg/l of Mo (calculated as Zr/Mo metal) and has a pH value of 2.5 to 4.

21: 2018/02304. 22: 2016/09/07. 43: 2019/05/14
51: C07F
71: DOW TECHNOLOGY INVESTMENTS LLC
72: BIGI, MARINUS A, BRAMMER, MICHAEL A, MILLER, GLENN A
33: US 31: 62/234,938 32: 2015-09-30
54: PROCESSES FOR PRODUCING ORGANOPHOSPHOROUS COMPOUNDS
00: -
The present invention relates to processes for producing organophosporous compositions having low acid content as well as processes for reprocessing partially degraded organophosporous compositions that contain high levels of phosphorous acid. In one embodiment, a process comprises: (a) receiving a solid organophosphite compound that has been recrystallized or triturated, wherein the solid organophosphite compound comprises phosphorous acid; (b) dissolving the solid organophosphite compound in a an aromatic hydrocarbon solvent in the absence of water and free amine, wherein the hydrocarbon solvent comprises an aromatic hydrocarbon, a saturated aliphatic hydrocarbon, or a mixture thereof; and (c) removing undissolved phosphorous acid from the solution, wherein the acid content of the organophosphite following step (c) is 30 ppm or less.

21: 2018/02305. 22: 2016/09/07. 43: 2019/05/14
51: C07F
71: DOW TECHNOLOGY INVESTMENTS LLC
72: BIGI, MARINUS A, BRAMMER, MICHAEL A, MILLER, GLENN A
33: US 31: 62/235,090 32: 2015-09-30
54: PROCESSES FOR PRODUCING ORGANOPHOSPHOROUS COMPOUNDS
00: -
The present invention relates to processes for producing organophosporous compositions having low acid content as well as processes for reprocessing partially degraded organophosporous compositions that contain high levels of phosphorous acid. In one embodiment, a process comprises: (a) receiving a solid organophosphite compound that has been recrystallized or triturated, wherein the solid organophosphite compound comprises phosphorous acid; (b) dissolving the solid organophosphite compound in an organic solvent; (c) treating the solution with a weakly basic adsorbent; and (d) collecting the treated organophosphite solution, wherein the acid content of the organophosphite following step (d) is 30 ppm or less.

21: 2018/02338. 22: 2016/11/10. 43: 2019/05/14
51: B01J; C07F; C08F
71: VERSALIS S.P.A.
72: RICCI, GIOVANNI, LEONE, GIUSEPPE, SOMMAZZI, ANNA, MASI, FRANCESCO
33: IT 31: 102015000071628 32: 2015-11-11
54: VANADIUM PYRIDINE-IMINE COMPLEX, CATALYTIC SYSTEM COMPRISING SAID VANADIUM PYRIDINE-IMMINE COMPLEX AND A (CO) POLYMERIZATION PROCESS OF CONJUGATED DIENES
00: -
Vanadium pyridine-imine complex having general formula (I), wherein : - R_1, R_2, R_3, R_4, R_5 and R_6, equal to or different from each other, represent a hydrogen atom; or are selected from linear or branched C_1-C_{20} alkyl groups, preferably C_1-C_{15}, optionally halogenated, cycloalkyl groups optionally substituted, aryl groups optionally substituted; - X_1, X_2 and X_3, equal to or different from each other, represent a halogen atom such as, for example, chlorine, bromine, iodine, preferably chlorine; or are selected from linear or branched C_1-C_{20} alkyl groups, preferably C_1-C_{15}, -$OCOR_7$ groups or -OR_7 groups wherein R_7 is selected from linear or branched C_1-C_{20}alkyl groups, preferably C_1-C_{15}; - Y is selected from ethers such as, for example, diethylether, tetrahydrofuran (THF), dimethoxyethane, preferably is etrahydrofuran (THF); - n is 0 or 1. Said vanadium pyridine-imine complex having general formula (I) can be advantageously used in a catalytic system for the (co) polymerization of conjugated dienes.

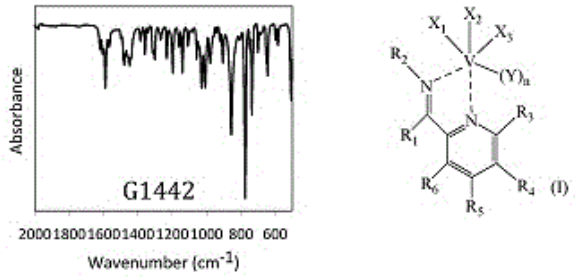


Fig. 1

21: 2018/02341. 22: 2015/10/01. 43: 2019/05/14
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: PERSSON, MAGNUS, SUN, YING, NORDSTRÖM, BJÖRN, THORESEN, PER, SAADATI, AMIR

54: MEASUREMENT CONTROL OF WIRELESS COMMUNICATION DEVICES FOR CELL RANGE EXTENSION

00: -

A method for selecting wireless communication devices for measurement configuration in a wireless communication network (1) comprises a step of obtaining (S10) at least one report on signal strength and/or signal quality from a wireless communication device (20) in the wireless communication network (1). The method further comprises a step of determining (S20) whether or not to select the wireless communication device (20) for measurement configuration, where the measurement configuration comprises configuring the wireless communication device (20) to provide measurement reports on received power from serving cells and neighbour cells in the wireless communication network (1), and where the step of determining (S20) is based on the at least one obtained report on signal strength and/or signal quality.

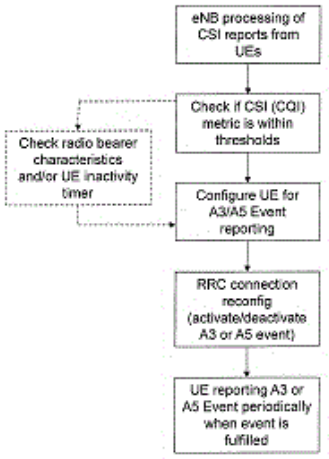


Fig. 4

21: 2018/02342. 22: 2015/11/02. 43: 2019/05/14
51: F16L; B65D
71: AISLAMIENTOS SUAVAL, S.A.
72: LOPEZ ALVAREZ, JOSÉ LUIS, AROZA SUAREZ, RAMÓN, NAVARRO SUAY, LUIS MIGUEL, SUAREZ-VALDES SUAREZ, JOSÉ GUILLERMO

54: THERMAL INSULATING SYSTEM FOR HIGH TEMPERATURE INDUSTRIAL TANKS AND EQUIPMENT

00: -

Thermal insulating system for high temperature industrial tanks and equipment, comprising thermal insulating material (2), a covering system (3) and a support system. The covering system (3) has covering sheets (5) fixed only to the support system. Adjacent covering sheets (5) overlap longitudinally giving rise to overlapped sections (8) comprising an upper part (9) from one of the adjacent covering sheets (5) and a lower part (10) from the other adjacent covering sheet (5). At least a substantially omega-shaped longitudinal assembly clip (11) is placed at each overlapped section (8), on the interior sides of the covering sheets (5), which has a first end (12) attached to the upper part (9), a central portion (13) separated from the covering sheets (5), and a second end (14) contacting the lower part (10) of the overlapped section (8) and pressing said lower part (10).

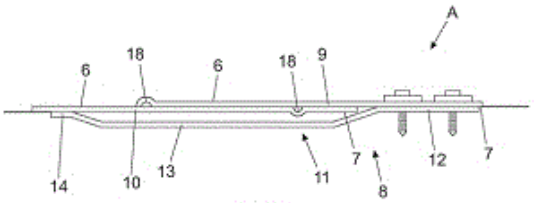


Fig. 5a

21: 2018/02343. 22: 2016/10/07. 43: 2019/05/14
51: B29C
71: SACMI COOPERATIVA MECCANICI IMOLA SOCIETÀ COOPERATIVA
72: PUCCI, FABRIZIO, PARRINELLO, FIORENZO
33: IT 31: 102015000061419 32: 2015-10-14
54: AN APPARATUS AND METHOD FOR PROCESSING DOSES
00: -
An apparatus and a method for processing doses, in particular multi¬ layer doses, for the purpose of obtaining objects made of polymeric material (e.g. closure caps) through compression moulding. The apparatus comprises: • - a co-extrusion device (3) for extruding a multi-layer structure having at least one primary layer (4) and at least one secondary layer (5), so that the multi-layer structure leaves the co-extrusion device (3) along an exit direction (X), • - a mould (7) provided with a pair of elements (8, 9), at least one of said elements (8, 9) being movable towards the other in a moulding direction (Y), so as to compression mould an object from a multi¬ layer dose (2) which was severed from the multi-layer structure; • - a transport device (6) for carrying the laminar dose (2) towards the mould (7); • - means for modifying orientation of the dose (2) while the dose (2) is being transported by the transport device (6), so that the dose (2) is introduced into the mould (7) with an orientation in which the secondary layer (5) extends transversely to the moulding direction (Y).

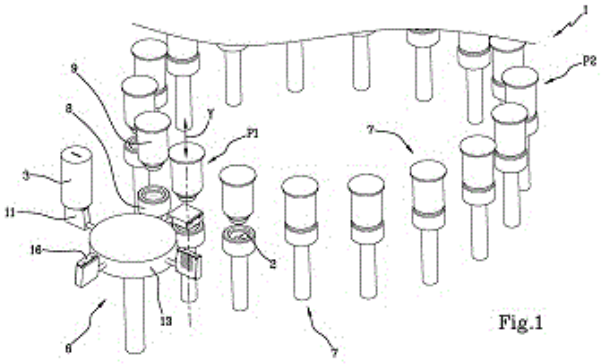


Fig.1

21: 2018/02345. 22: 2016/06/30. 43: 2019/05/14
51: C07K; C12N; G01N; C12Q
71: ARSANIS BIOSCIENCES GMBH
72: SZIJARTO, VALERIA, NAGY, GÁBOR, HARTL, KATHARINA, GUACHALLA, LUIS, NAGY, ESZTER, LUKASIEWICZ, JOLANTA KATARZYNA, STOJKOVIC, KATARINA, KASZOWSKA, MARTA APOLONIA
33: EP 31: 15191877.8 32: 2015-10-28
54: ANTIBODIES TARGETING A MANNAN-BASED O-ANTIGEN OF K. PNEUMONIAE
00: -
The invention provides for an isolated antibody that specifically recognizes an epitope of the lipopolysaccharide (LPS) O3b-antigen structure of Klebsiella pneumoniae, which is a O3b-epitope incorporated in O3b-antigen comprising the structure of Formula (I), including one or more O3b-antigen mannose homopolymer repeating units, wherein MeP is methyl phosphate; and n is 0-50. The invention further provides for a pharmaceutical or diagnostic preparation comprising said antibody, and a method of producing said antibody.

Formula (I)

MeP→3)-α-D-Manp-(1→2)-α-D-Manp-(1→3)-α-D-Manp-(1→[3)-α-D-Manp-(1→2]-α-D-Manp-(1→3)-α-D-Manp-(1→)$_n$

21: 2018/02347. 22: 2016/10/07. 43: 2019/05/14
51: A47J
71: CAFFITALY SYSTEM S.P.A.
72: CHANINE, VALERIY, ALVAREZ VIRTOLI, ITALO ANDREA
33: IT 31: 102015000064543 32: 2015-10-22
54: APPARATUS FOR MAKING BEVERAGES BY PASSING HOT WATER IN A CAPSULE CONTAINING A FOOD SUBSTANCE
00: -
An apparatus for making beverages comprising; an extraction chamber (6) formed between a first part (12) and a second part (13), which are movable; an

insertion duct (18) for insertion of a capsule (2), (3) in the extraction chamber (6), the insertion duct extending from an infeed section (19) equipped with a closing element (20) that is movable between a closed position and a disengaged position, and that is in the closed position when the extraction chamber (6) is closed; and at least one first supporting element (21) positioned upstream of the infeed section (19), for supporting a second capsule (3) outside the extraction unit (5) while a first capsule (2) is positioned at the extraction chamber (6); the first supporting element (21) being mechanically switchable, by one of either the first part (12) or the second part (13) or the closing element (20), from an active configuration in which it can support the capsule (2), (3), to an inactive configuration which it adopts when the first part (12) and the second part (13) are in the extraction position.

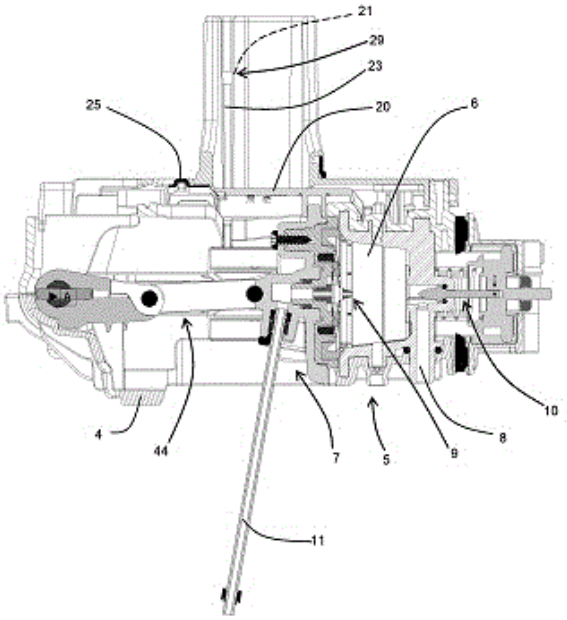


FIG. 28

21: 2018/02359. 22: 2014/10/01. 43: 2019/05/14
51: F16D
71: KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH
72: RGUICHI, Abdelaziz, ADAMCZYK, Philipp, KLINGNER, Matthias, WERTH, Alexander, PESCHEL, Michael, THEIL, Robert
33: DE 31: 10 2013 016 312.9 32: 2013-10-04

54: DISC BRAKE AND BRAKE PAD SET FOR A DISC BRAKE

00: -

The invention concerns a sliding calliper disc brake at least comprising a stationary brake carrier which comprises two pairs of carrier horns (7R, 8R; 7Z, 8Z, by means of which a reaction-side brake pad and a brake-application side brake pad are held, a brake calliper which is formed by tension bolts and a brake calliper back part, and a brake-application mechanism. The mutual spacing between the carrier horns (7R, 8R) which accommodate the reaction-side brake pad is larger than the mutual spacing between the carrier horns (7Z, 8Z) which accommodate the brake-application-side brake pad.

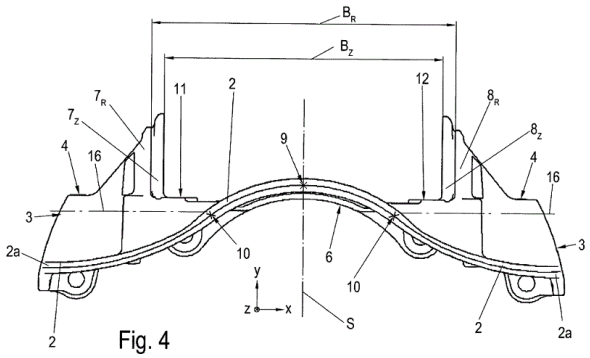


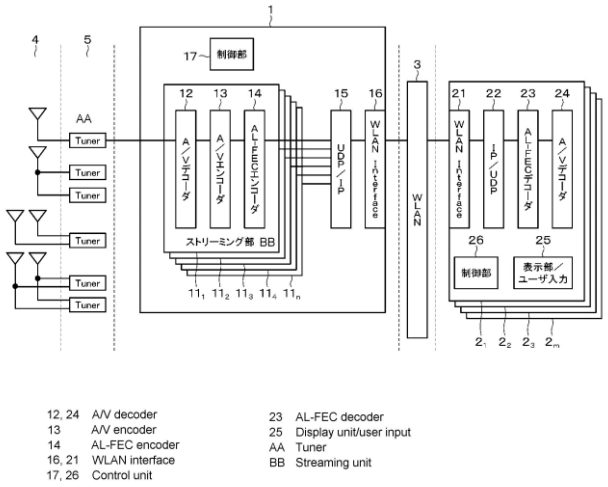
Fig. 4

21: 2018/02368. 22: 2018/04/11. 43: 2019/05/14
51: H04N
71: Sony Corporation
72: FURUYA, Takahiro, FUKADA, Hiroyuki, MUNEKATA, Kazumi
33: JP 31: 2015-221559 32: 2015-11-11

54: COMMUNICATION DEVICE

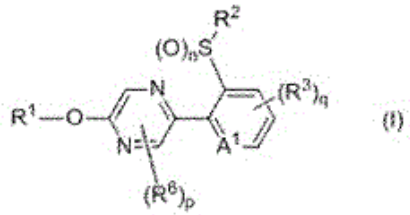
00: -

Provided is a communication device equipped with encoders for a plurality of channels designed to encode an input stream and switch an output data rate in at least two steps, and a wireless communication device for transmitting encoder output to a terminal through a wireless communication network. The communication device is designed so that when a channel is selected on a terminal, the encoder output is switched from a low-rate stream to a high-rate stream and the high-rate stream is transmitted to the terminal on which a channel is selected. FIG. 1



12, 24 A/V decoder
13 A/V encoder
14 AL-FEC encoder
16, 21 WLAN interface
17, 26 Control unit
23 AL-FEC decoder
25 Display unit/user input
AA Tuner
BB Streaming unit

21: 2018/02384. 22: 2016/10/13. 43: 2019/05/14
51: C07D; A01N; A01P; A61K; A61P
71: SUMITOMO CHEMICAL COMPANY, LIMITED
72: ORIMOTO, KOHEI, NOKURA, YOSHIHIKO, NAKAJIMA, YUJI, TANABE, TAKAMASA, KIMURA, TAKAHIRO
33: JP 31: 2015-208639 32: 2015-10-23
33: JP 31: 2015-204376 32: 2015-10-16
33: JP 31: 2016-149448 32: 2016-07-29
54: PYRAZINE COMPOUND AND ARTHROPOD PEST CONTROL AGENT CONTAINING SAME
00: -
The present invention provides: a compound represented by formula (I) [wherein A1 represents a nitrogen atom or CR4; R4 represents a hydrogen atom or the like; R1 represents a C2-C10 linear hydrocarbon group having at least one halogen atom, or the like; R2 represents a C1-C6 alkyl group which may have at least one halogen atom, or the like; q represents 0, 1, 2 or 3; R3 represents a C1-C6 linear hydrocarbon group which may have at least one halogen atom, or the like; p represents 0, 1, or 2; R6 represents a C1-C6 alkyl group which may have at least one halogen atom, or the like; and n represents 0, 1, or 2] or an N-oxide compound thereof; and an arthropod pest control agent which comprises a compound represented by formula (I) and the like and an inert carrier and exhibits an excellent controlling effect against arthropod pests.

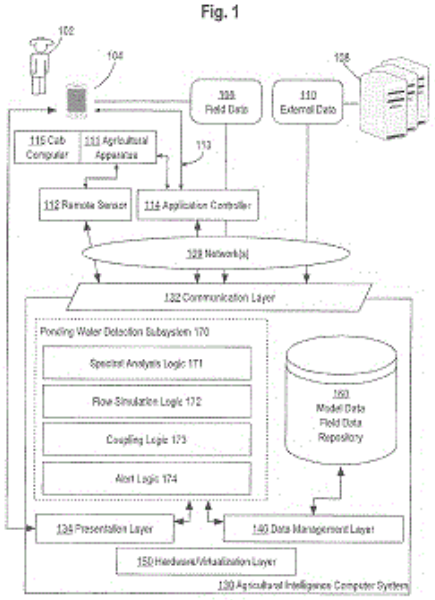


21: 2018/02385. 22: 2016/10/18. 43: 2019/05/14
51: A23D
71: UNILEVER PLC
72: VAN DER HIJDEN, HENDRIKUS THEODORUS W M, NIJSSE, JACOB, VREEKER, ROBERT, VERBEEK, JAN HENDRIK T, KHALLOUFI, SEDDIK
33: EP 31: 15190379.6 32: 2015-10-19
54: COMPOSITION COMPRISING AN OIL PHASE
00: -
The present invention relates to a composition comprising an oil phase and a fibrous preparation of delaminated cell wall material dispersed in said oil phase, wherein the cell wall material is sourced from plant tissue, and wherein said fibrous preparation has a specific surface area corresponding to an $S_{BET}$of at least 5 m^2/g. The invention also relates to a method to prepare such compositions and the use of said cell wall material to structure the oil phase of a composition comprising an oil phase.

21: 2018/02389. 22: 2016/09/13. 43: 2019/05/14
51: G06K
71: THE CLIMATE CORPORATION
72: GUAN, WEI, KHADKA, PRAMITHUS
33: US 31: 14/860,247 32: 2015-09-21
54: PONDING WATER DETECTION ON SATELLITE IMAGERY
00: -
In an approach, an image of an agricultural field is analyzed using a classifier that has been trained to identify a probability for each pixel within an image that the pixel corresponds to water. A flow simulation is performed to determine regions of the field that are likely to pool water after rainfall based on precipitation data, elevation data, and soil property data of the field. A graph of vertices representing the pixels and edges representing connections between neighboring pixels is generated. The probability of each pixel within the graph being ponding water is set based on the probability pixel being water, the likelihood that water will pool in the area represented by the pixel, the probability of neighboring pixels

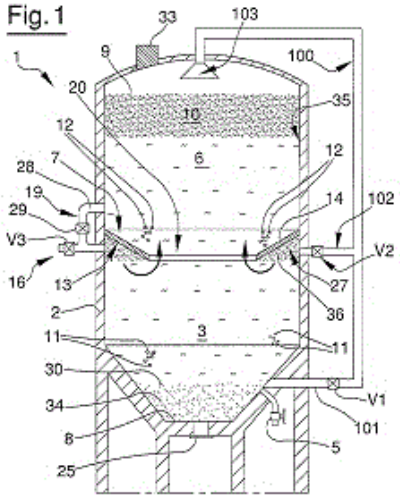
being ponding water, and a cropland mask that identifies which pixels correspond to cropland. A class for each pixel is then determined that maximizes the joint probability over the graph.

Fig. 1

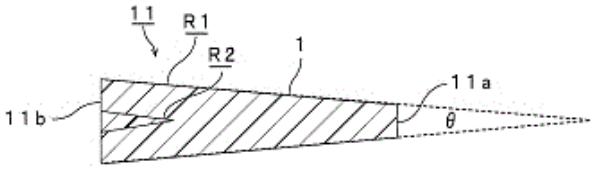


21: 2018/02390. 22: 2016/11/10. 43: 2019/05/14
51: C12G
71: CASTLE COMMERCIAL ENTERPRISES LIMITED
72: MARIN, FRANCESCO
33: IT 31: 102015000073366 32: 2015-11-17
54: IMPROVED FERMENTER
00: -
A fermenter for fermenting a solution, comprising: a vat (2) predisposed for containing a solution (3) to be fermented, and provided with an inlet opening (4, 33) and an outlet opening (5, 25); a pumping-over conduit (100) provided with a first connection (101), which is placed in communication with a lower zone of the vat (2), and a dispensing opening (103), disposed in an upper zone of the vat (2) so as to be capable of dispensing a liquid above the upper level of the solution (3). The pumping-over conduit (100) comprises a second connection (102), disposed in an intermediate position between the first connection (101) and the dispensing opening (103), which dispensing opening (103) is so arranged as to allow the gas to be introduced into the pumping-over conduit (100).

Fig. 1

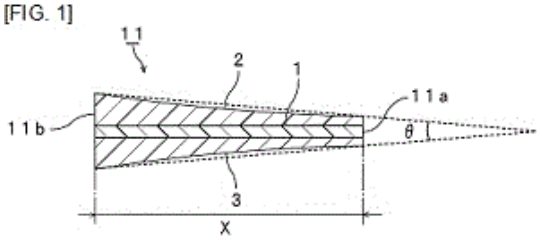


21: 2018/02413. 22: 2016/09/29. 43: 2019/05/14
51: C03C; B32B; B60J
71: SEKISUI CHEMICAL CO., LTD.
72: OOTA, YUUSUKE, MATSUDOU, MASAKI, II, DAIZOU, TSUNODA, RYUTA
33: JP 31: 2015-195407 32: 2015-09-30
54: INTERLAYER FILM FOR LAMINATED GLASS AND LAMINATED GLASS
00: -
Provided is an interlayer film for a laminated glass capable of making visibility uniform in the entirety of the laminated glass. An interlayer film for a laminated glass according to the present invention comprises a thermoplastic resin and a heat insulating compound and has one end and a separate end having a thickness thicker than the one end on the opposite side from the one end, wherein the absolute value of the difference between the thickness of the thickest part and the thickness of the thinnest part is 0.1 mm or more, wherein, in the laminated glass having the interlayer film sandwiched between two heat ray absorbing plate glasses of 2.1 mm in thickness, the absolute value of the difference between the visible light transmittance in the thickest part of the interlayer film and the visible light transmittance in the thinnest part of the interlayer film is 4% or less.



21: 2018/02415. 22: 2016/09/29. 43: 2019/05/14
51: C03C; B60J
71: SEKISUI CHEMICAL CO., LTD.
72: NISHINO, HIROMITSU, HIROTA, ETSUROU, KUMAKURA, KOJI
33: JP 31: 2015-195405 32: 2015-09-30
54: INTERLAYER FOR LAMINATED GLASS, AND LAMINATED GLASS
00: -
An interlayer for laminated glass is provided which, when used to obtain a laminated glass, is capable of inhibiting the persistence of air bubbles between laminated glass members and the interlayer. An interlayer for laminated glass according to the present invention includes a thermoplastic resin, and has either: a section in a region where the thickness increases, said section wherein the amount of increase in the thickness increases from one end to another end; a section in the region where the thickness increases, said section wherein the amount of increase in the thickness decreases from the one end to the other end; a section in a region having a wedge-shaped cross section in the thickness direction, said section wherein the wedge angle increases from the one end to the other end; or a section in the region having a wedge-shaped cross section in the thickness direction, said section wherein the wedge angle decreases from the one end to the other end. The ten-point average roughness Rz of the surface at a position in the centre of either the section in which the amount of increase in the thickness increases, the section in which the amount of increase in the thickness decreases, the section in which the wedge angle increases, or the section in which the wedge angle decreases is at least 20 μm.

[FIG. 1]



21: 2018/02417. 22: 2016/11/04. 43: 2019/05/14
51: C11D; C12N
71: UNILEVER PLC
72: PRIIMOV, GLEB UREVICH, WRIGHT, MATTHEW PETER, SANDERSON, ALASTAIR RICHARD, MOLE, VINCENT CHARLES
33: EP 31: 15196270.1 32: 2015-11-25
54: A LIQUID DETERGENT COMPOSITION
00: -
The present invention relates to a liquid detergent composition comprising a novel protease, more in particular a novel and subtilase variant with increased stability, a method for (dish) washing using said liquid detergent composition and a use of said liquid composition in a (dish) washing process.

21: 2018/02418. 22: 2016/11/08. 43: 2019/05/14
51: A23D
71: UNILEVER PLC
72: DE MAN, TEUNIS, MEEUSE, FREDERIK MICHIEL
33: EP 31: 15195619.0 32: 2015-11-20
54: PROCESS FOR PREPARING FAT CONTINUOUS EMULSIONS LOW IN FAT
00: -
A process for preparing a low fat water-in-oil emulsion which emulsion comprises water, oil and a hardstock fat. The process involves combining an aqueous phase and a fat phase, wherein the fat phase comprises the hardstock fat and which fat phase is at a temperature such that the fat phase is liquid, followed by subjecting the obtained mixture to high shear mixing effected a high shear mixing device, and wherein the product exiting the high shear mixing process the product is packed without having been subject to any further mixing or working process.

21: 2018/02419. 22: 2016/11/16. 43: 2019/05/14
51: C11D
71: UNILEVER PLC

72: BANDYOPADHYAY, PUNAM, KOTTUKAPALLY, JIJI PAUL, NAIK, MAHESHWARA SHIVA
33: EP 31: 15197458.1 32: 2015-12-02
54: HARD SURFACE CLEANING COMPOSITION
00: -
The invention is in the field of cleaning compositions. There is need for compositions that foam copiously when articles are washed. However the foam should rinse-off as quickly as possible in minimum number of rinses-cylces so that the process becomes sustainable. Disclosed is an aqueous cleaning composition comprising: (i) total Active Detergent (AD) level of 5 to 30 % by weight, of which at least one-third is non-soap anionic surfactant; and, (ii) 0.1 wt% to 2 wt% of an antifoaming system containing saturated hydroxy fatty acid and saturated non-hydroxy C_{14-18}fatty acid, where the ratio between the amount of said saturated hydroxy fatty acid to that of said saturated non-hydroxy C_{14-18}fatty acid is from 1:0.75 to 1:5 parts by weight and where the pH of said composition is from 2 to 7.

21: 2018/02452. 22: 2018/04/13. 43: 2019/05/10
51: A61K; A61P
71: IFOM Fondazione Istituto FIRC di Oncologia Molecolare
72: LONGO, Valter, RAUCCI, Franca
33: US 31: 62/221,439 32: 2015-09-21
54: NEW THERAPEUTIC STRATEGIES AGAINST BLOOD CANCER
00: -
The present invention relates to the combination of at least one agent and a reduced calorie intake for use in the treatment of a blood cancer. In particular the agent is a CD20 inhibitor Bruton's tyrosine kinase inhibitor, a phosphoinositide 3-kinase inhibitor, a class I and/class II histone deacetylase inhibitor, a non-taxane replication inhibitor or a proteasome inhibitor. The combination is advantageous in that it sensitize cancer cells to said agent while it protects normal cells from toxicity induced by said agent.

21: 2018/02464. 22: 2018/04/13. 43: 2019/05/14
51: B64G; F03H
71: NEUMANN SPACE PTY LTD
72: NEUMANN, Patrick, BILEK, Marcela, MCKENZIE, David
33: AU 31: 2015903748 32: 2015-09-15
54: INTERNAL WIRE-TRIGGERED PULSED CATHODIC ARC PROPULSION SYSTEM
00: -
Disclosed herein is a propulsion system comprising: a solid conductive or semiconductive cathode (130); an anode (110) having a potential difference relative to said cathode (130), said potential difference creating an electric field between said anode (110) and said cathode (130); and an insulated trigger (150) adapted to trigger an arc discharge from a point on a upper surface of said cathode (130) in pulses, when said trigger (150) and cathode (130) are substantially in a vacuum, said trigger being bounded within the cathode so that the point at which the arc is triggered is located on the upper surface of said cathode.

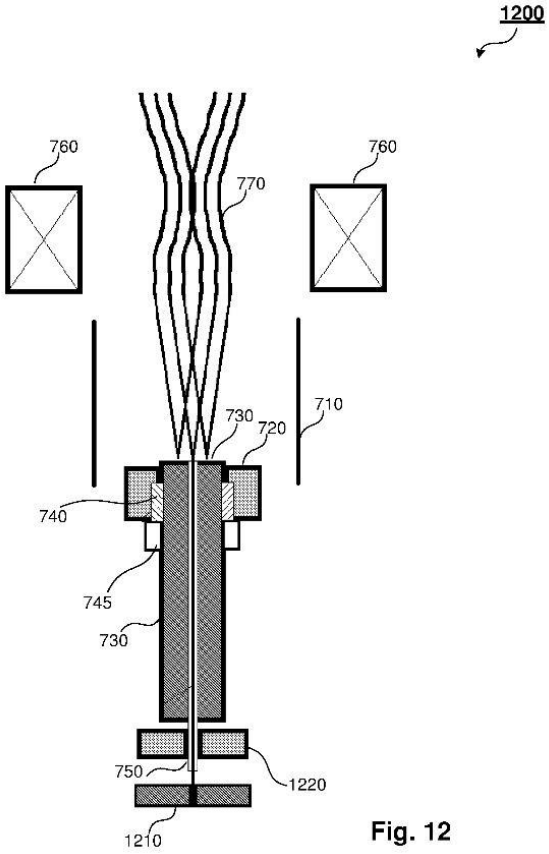


Fig. 12

21: 2018/02502. 22: 2016/09/19. 43: 2019/05/14
51: B66B
71: INVENTIO AG
72: HUSMANN, JOSEF
33: EP 31: 15186504.5 32: 2015-09-23
54: ASSEMBLY FOR AN ELEVATOR SYSTEM COMPRISING A SAFETY BRAKE
00: -

An assembly (100) for an elevator system (2) comprises a safety brake (1) and a rail (3). The safety brake (1) cooperates with the rail (3) to brake an elevator car (4). The rail (3) comprises a head (6) which is designed as a hollow section. A braking surface (7) of the safety brake (1) cooperates with the rail (3) such that the braking surface (7) projects beyond the head (6) of the rail (3). Further disclosed is an elevator system (2) comprising an assembly (100) of this type. Also disclosed is a method for braking an elevator car (4) in an elevator system (2), which method can be carried out using an assembly (100) of this type.

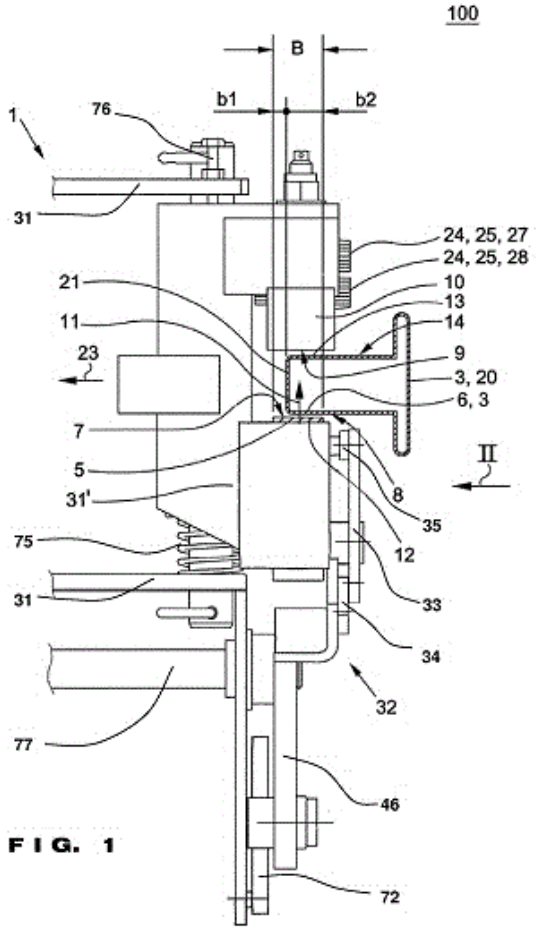
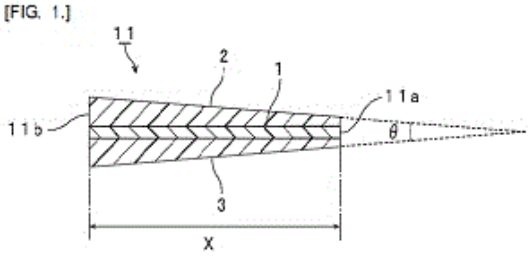


FIG. 1

21: 2018/02503. 22: 2016/12/13. 43: 2019/05/14
51: C03C; B32B; B60J
71: SEKISUI CHEMICAL CO., LTD.
72: NISHINO, HIROMITSU, HIROTA, ETSUROU
33: JP 31: 2015-247428 32: 2015-12-18
54: INTERLAYER FOR LAMINATED GLASS, ROLL BODY, AND LAMINATED GLASS

00: -
Provided is an interlayer for laminated glass such that the handleability of the laminated glass during production thereof is improved. This interlayer for laminated glass has one end, and the other end on an opposite side of the one end, the other end having a thickness that is greater than a thickness of the one end, and glossiness of the surface of a maximum thickness portion being 3% or more.

[FIG. 1.]



21: 2018/02504. 22: 2016/10/06. 43: 2019/05/17
51: H04L
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: WIBERG, NICLAS, BERGSTRÖM, ANDREAS, ANDERSSON, HÅKAN, FURUSKOG, JOHAN
33: US 31: 62/244944 32: 2015-10-22
54: METHODS AND APPARATUS RELATING TO SELECTIVE ENHANCEMENT OF RADIO SIGNALS

00: -
A method (100), performed in a User Equipment (UE), is disclosed. The method is for facilitating the establishing of a UE processing configuration for the selective enhancement of radio signals received or transmitted by the UE. The method comprises receiving from a Transmission Point (TP) of a wireless network an indication that an identified reference signal is usable by the UE for establishing a UE processing configuration (110), and receiving the identified reference signal from a Transmission Point of the wireless network.

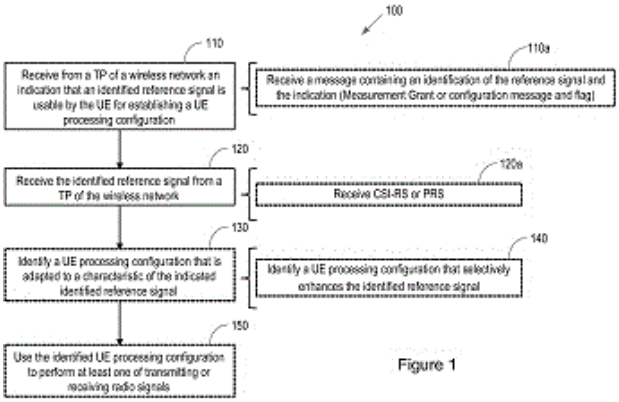


Figure 1

21: 2018/02507. 22: 2016/11/02. 43: 2019/05/14
51: B03D
71: MAGGLOBAL, LLC
72: SILVA, RONNEY ROGERIO RODRIGUEZ, SGARLATA, JONATHAN, CARLSON, JUSTIN
33: US 31: 62/250,455 32: 2015-11-03
54: METHODS, DEVICES, SYSTEMS AND PROCESSES FOR UPGRADING IRON OXIDE CONCENTRATES USING REVERSE FLOTATION OF SILICA AT A NATURAL PH
00: -
Cationic reverse flotation methods, systems, and processes for producing a marketable iron oxide concentrate from an iron oxide mineral slurry ("treatment slurry"), wherein the iron oxide content of the concentrate is greater than the iron oxide content of the treatment slurry, include introducing the treatment slurry into a flotation cell, together with a collector, a frother and optionally an iron oxide depressant, and recovering two flow streams from the flotation cell, namely a froth fraction (also referred to as a flotation tail fraction) and a sink material fraction (also referred to as the flotation concentrate), wherein the treatment slurry in the flotation cell is maintained at a Natural pH.

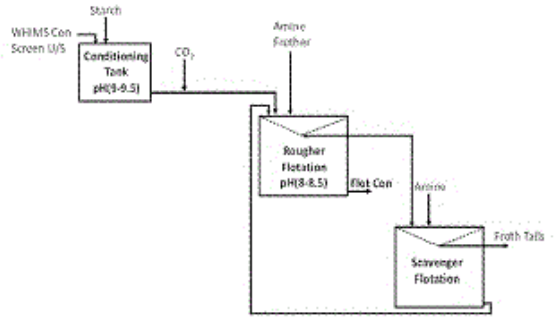


FIG. 3

21: 2018/02508. 22: 2015/11/06. 43: 2019/05/14
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: SORRENTINO, STEFANO, ZAIDI, ALI
54: RECEIVING DEVICE AND METHOD PERFORMED THEREIN FOR COMMUNICATING IN A WIRELESS COMMUNICATION NETWORK
00: -
Embodiments herein relate to a receiving device (1 1) and a method performed by the receiving device (1 1) performed by a receiving device (1 1) for communicating in a wireless communication network (1). The receiving device 1 1 attempts to detect a scheduling assignment from a transmitting device (10) based on information regarding one or more radio resources previously used by the transmitting device (10) for transmitting data to the receiving device (1 1) within the wireless communication network (1). When not detecting the scheduling assignment from the transmitting device (10), the receiving device (1 1) assumes that a transmission of data from the transmitting device (10) is scheduled on the one or more radio resources previously used by the transmitting device (10). The receiving device communicates within the wireless communication network (1) based on the assumption.

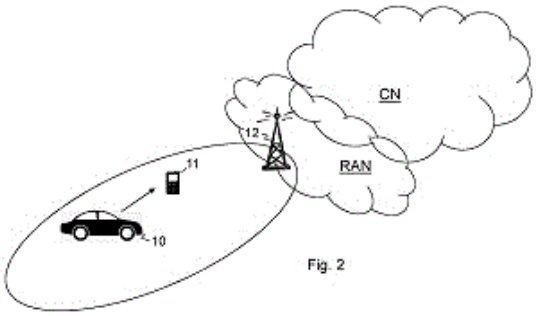


Fig. 2

21: 2018/02536. 22: 2016/11/30. 43: 2019/05/14
51: G03G; H01R
71: LEXMARK INTERNATIONAL, INC.
72: CARPENTER, BRIAN SCOTT, MARTIN, KYLE BRADLEY, WILLIAMSON, RANDAL SCOTT
33: US 31: 14/967,552 32: 2015-12-14
54: REPLACEABLE UNIT FOR AN ELECTROPHOTOGRAPHIC IMAGE FORMING DEVICE HAVING A RETRACTABLE ELECTRICAL CONNECTOR
00: -
A replaceable unit for an electrophotographic image forming device according to one example includes a housing having a toner reservoir. An electrical connector mounted on the housing is movable between a retracted position and an operative position. The electrical connector includes an electrical contact for contacting a corresponding electrical contact in the image forming device. The electrical contact is electrically connected to processing circuitry on the housing. In the retracted position, the electrical connector is tucked into a portion of the housing. In the operative position, the electrical connector is exposed to permit the electrical contact to contact the corresponding electrical contact in the image forming device. A linkage is operatively connected to the electrical connector and includes an engagement surface accessible on an exterior of the housing to receive an actuation force. Movement of the actuation linkage moves the electrical connector between the retracted position and the operative position.

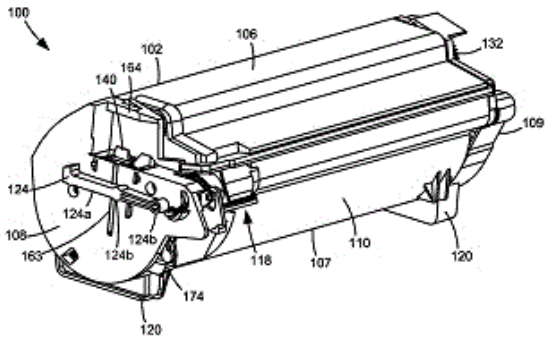


Figure 3

21: 2018/02537. 22: 2016/09/14. 43: 2019/05/14
51: A61K; A61P
71: ALAYA (SHANGHAI) BIOSCIENCE CO., LTD
72: TAN, YUN, WANG, GANG
33: CN 31: 201510594983.0 32: 2015-09-17
54: HIGHLY STABLE NON-VESICULAR NANOPARTICLES AND APPLICATION THEREOF IN TREATING MICROBIAL INFECTION
00: -
Non-vesicular nanoparticles which have antibacterial activity and are made from a C8-C28 fatty acid or a derivative thereof, a surfactant and an optional lipid.

21: 2018/02539. 22: 2017/06/28. 43: 2019/05/14
51: C22B
71: TENOVA SOUTH AFRICA (PTY) LTD
72: FRANCIS, BRETT JOHN , JOUBERT, HUGO, BAKKER, MARTIN LLUIS , NIKOLIC, STANKO, GWYNN-JONES, STEPHEN
33: ZA 31: 2016/04419 32: 2016-06-29
54: ELEMENT FOR USE IN NON-FERROUS SMELTING APPARATUS
00: -
This invention relates to an element for use in a non-ferrous smelting apparatus and more particularly, but not exclusively, to a fluid cooled copper element suitable for use in a non-ferrous smelting apparatus. The element includes a copper body and a calorization layer formed in the copper body. The invention also extends to the use of a calorized copper element in a non-ferrous smelting application in order to prevent or at least reduce the occurrence of sulphidation corrosion.

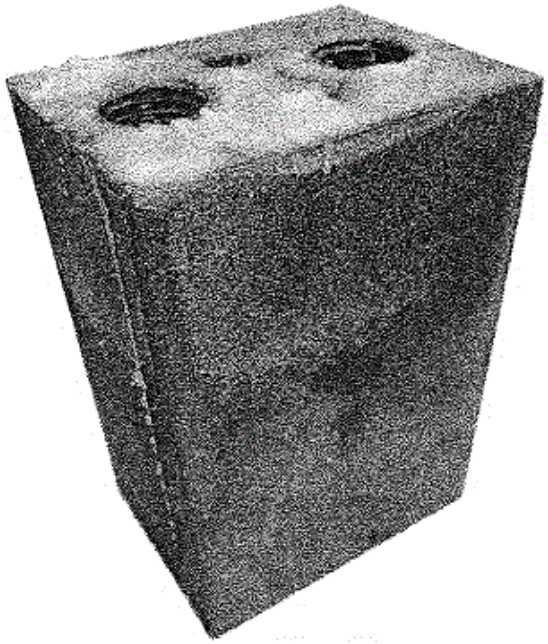


Fig. 3a

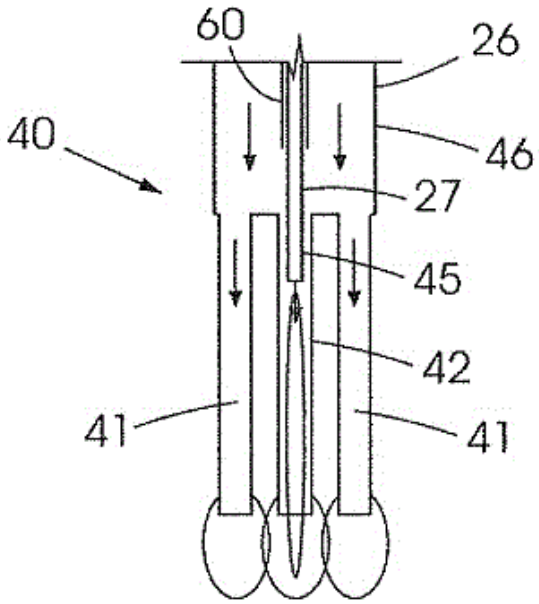


Fig. 4

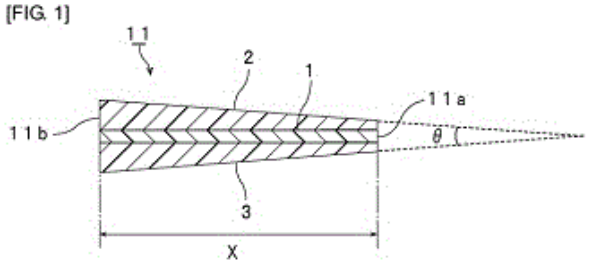
21: 2018/02541. 22: 2017/05/09. 43: 2019/05/14
51: C21C; F27D
71: TENOVA SOUTH AFRICA (PTY) LTD
72: FRANCIS, BRETT JOHN, JOUBERT, HUGO, BAKKER, MARTIN LLUIS, NIKOLIC, STANKO, GWYNN-JONES, STEPHEN
33: ZA 31: 2016/03145 32: 2016-05-10
54: LANCE FOR USE IN A TOP SUBMERGED LANCE FURNACE
00: -
This invention relates to a lance for use in a top submerged lance furnace, and also to a top submerged lance furnace including a iance incorporating a novel lance tip. The invention also extends to a method of introducing gas into a top submerged lance furnace using an improved lance and lance tip design. The iance includes a process gas supply conduit and a lance tip secured to the process gas supply conduit. The process gas supply conduit has a first end that can in use be brought in flow communication with a source of process gas, and a second end which is in flow communication with the lance tip. The lance is characterised in that the iance tip includes a plurality of discrete flow passages that are ail in flow communication with the process gas supply conduit.

21: 2018/02544. 22: 2016/10/09. 43: 2019/05/02
51: C07C
71: SALZMAN LOVELACE INVESTMENTS, LTD.
72: JAGTAP, PRAKASH
33: US 31: 62/308,322 32: 2016-03-15
33: GB 31: 1518043.3 32: 2015-10-12
54: METHODS FOR TOTAL SYNTHESIS OF RESOLVIN E1
00: -
The present invention provides methods for total chemical synthesis of Resolvin E1 (Rv E1).

21: 2018/02548. 22: 2016/09/28. 43: 2019/05/14
51: C03C; B32B; B60J
71: SEKISUI CHEMICAL CO., LTD.
72: OOTA, YUUSUKE, TSUNODA, RYUTA, NISHINO, HIROMITSU
33: JP 31: 2015-195408 32: 2015-09-30
54: INTERLAYER FOR LAMINATED GLASS AND LAMINATED GLASS
00: -
Provided is an interlayer for laminated glass, whereby a laminated glass unlikely to have creases in the interlayer and having suppressed external defects can be obtained. This interlayer for laminated glass has: an MD direction and a TD direction; and one end and another end on the opposite side to the one end and having a greater

thickness than the one end. The one end and the other end are positioned on both sides of the interlayer, in the TD direction. When the distance between the one end and the other end is X, the absolute value for the difference between a maximum heat shrinkage and a minimum heat shrinkage is no more than 5%, between: a first heat shrinkage at 150°C at a first position at 0.05 X from the one end towards the other end, in the MD direction; a second heat shrinkage at 150°C at a second position at 0.5 X from the one end towards the other end, in the MD direction; and a third heat shrinkage at 150°C at a third position at 0.95 X from the one end towards the other end, in the MD direction.

[FIG. 1]



21: 2018/02576. 22: 2018/04/18. 43: 2019/05/13
51: A61K; C07D
71: Inception 3, Inc.
72: SEIDERS, Thomas Jon, LEE, Catherine Yuling, LI, Yiwei
33: US 31: 62/248,625 32: 2015-10-30
54: DIBENZO AZEPINE COMPOUNDS AND THEIR USE IN THE TREATMENT OF OTIC DISEASES AND DISORDERS
00: -
The present disclosure provides crystalline Compound I and crystalline Compound II, pharmaceutical compositions comprising one of said crystalline compounds suitable for intratympanic administration, and methods for treating otic disorders using the crystalline compounds and the pharmaceutical compositions.

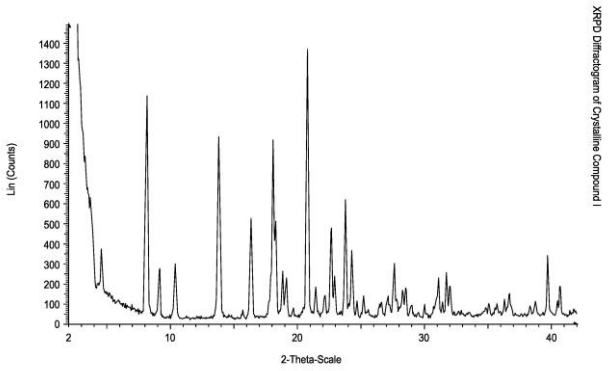


FIG. 1

21: 2018/02581. 22: 2016/10/21. 43: 2019/05/06
51: B02C
71: SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN
72: NONNET, EMMANUEL, BOUSSANT-ROUX, YVES
33: FR 31: 1560020 32: 2015-10-21
54: BEAD MADE OF A FUSED PRODUCT
00: -
Bead having a sphericity greater than or equal 0.6 and made of a fused product having the following chemical composition, in percentages by weight on the basis of the oxides and for a total of 100% : 20% = (ZrO2 + HfO2), with HfO2 = 2%, 5% = SiO2, 0% = Al2O3 = 20%, 8.5% = MgO = 20%, 0.5% = TiO2 = 20%, and oxides other than ZrO2, HfO2, SiO2, Al2O3, MgO and TiO2, or "other oxides": = 5 % provided that the (ZrO2 + HfO2)/SiO2 weight ratio is greater than 1, and provided that Al2O3 + TiO2 = 26% if MgO > 17%.

21: 2018/02583. 22: 2016/10/28. 43: 2019/05/14
51: C12N
71: METABOGEN AB
72: KHAN, MUHAMMAD-TANWEER, BÄCKHED, FREDRIK
33: GB 31: 1519087.9 32: 2015-10-28
54: METHOD FOR ADAPTATION
00: -
The present invention relates generally to growth of bacteria. More specifically the invention relates to a method for oxidative environment adaptation of anaerobic microorganisms and their use in developing new probiotics. In particular, the present invention provides a method for adaptation of anaerobic microorganisms and selection of more oxygen tolerant anaerobic microorganisms, said method comprising the steps of culturing said

microorganisms with a stepwise dual induction of oxidative stress via applied voltage and oxygen diffusion, and a stepwise change of anti-oxidant/oxidized counterpart concentration ratio to adjust the redox state. New strains are also provided.

21: 2018/02585. 22: 2016/10/28. 43: 2019/05/14
51: A61K; C12N; A61P
71: METABOGEN AB
72: KHAN, MUHAMMAD-TANWEER, BÄCKHED, FREDRIK
33: GB 31: 1519088.7 32: 2015-10-28
54: FAECALIBACTERIUM PRAUSNITZII AND DESULFOVIBRIO PIGER FOR USE IN THE TREATMENT OR PREVENTION OF DIABETES AND BOWEL DISEASES
00: -
The present invention relates generally to medicine. More specifically the invention relates to the use of synergistic probiotic bacteria as intervention for health. In particular, the present invention provides a strain of Faecalibacterium prausnitzii and a bacterial strain which has one or more of the characteristics of: (i) being acetate producing, (ii) being lactate consuming and (iii) having the ability to be an electron acceptor, for use in the treatment or prevention of a disease associated with reduced butyrate levels or a disease associated with reduced or low numbers of Faecalibacterium prausnitzii bacteria.

21: 2018/02586. 22: 2016/11/13. 43: 2019/05/14
51: G21B; G21D; H05H
71: TAE TECHNOLOGIES, INC.
72: GONZALEZ, JESUS ANTONIO ROMERO
33: US 31: 62/255,258 32: 2015-11-13
33: US 31: 62/309,344 32: 2016-03-16
54: SYSTEMS AND METHODS FOR FRC PLASMA POSITION STABILITY
00: -
Systems and methods to that facilitate stability of an FRC plasma in both radial and axial directions and axial position control of an FRC plasma along the symmetry axis of an FRC plasma chamber. The systems and methods exploit an axially unstable equilibria of the FRC to enforce radial stability, while stabilizing or controlling the axial instability. The systems and methods provide feedback control of the FRC plasma axial position independent of the stability properties of the plasma equilibrium by acting on the voltages applied to a set of external coils concentric with the plasma and using a non-linear control technique.

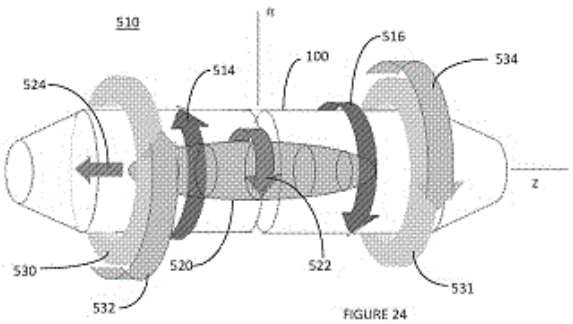


FIGURE 24

21: 2018/02590. 22: 2018/04/18. 43: 2019/03/04
51: E01C; E02B; E02D; E04D
71: BERA BV, CEGAN S.R.O
72: ČEGAN, Slavoj
33: CZ 31: 2015-649 32: 2015-09-22
54: DRAINAGE ELEMENT AND METHOD FOR THE PRODUCTION THEREOF
00: -
The invention relates to a drainage element comprising a supporting member (1) consisting of mutually abutting internal cells (3) and external cells (3'). The bottom surface (6) of the walls (5,5') of the internal and the external cells (3,3') is larger than an upper surface (7) of said walls (5,5'). The bottom surface (6) of the internal cells (3) and the external cells (3') of the supporting member (1) is provided with grooves (8). A permeable foil (4) is connected to the bottom surface of the cells (3,3').

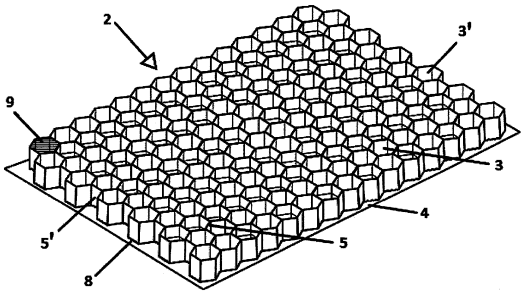
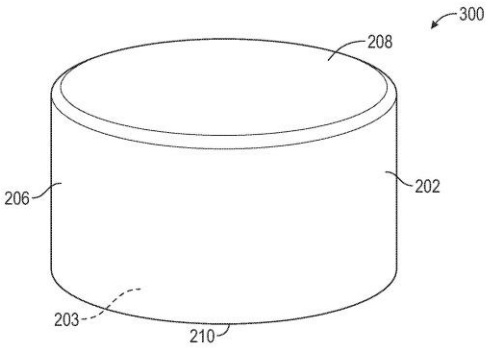


Fig. 1

21: 2018/02601. 22: 2018/04/19. 43: 2019/05/10
51: B65D
71: TECNOCAP, LLC.
72: SANTINI, Federico
33: US 31: 62/253,328 32: 2015-11-10
33: US 31: 62/256,453 32: 2015-11-17
54: COMPOSITE CLOSURE WITH SUPPORT BRACE AND METHOD FOR MAKING THE SAME
00: -
A composite closure assembly includes a closure shell having a closure socket surrounded by a shell wall and a shell end. An inner closure is within the closure socket. The inner closure is fixed to the closure shell. The inner closure includes a closure wall and a closure end. A closure gap is between the shell end and the closure end. A support brace including one or more support braces extends from the closure end to the shell end and bridges the closure gap.



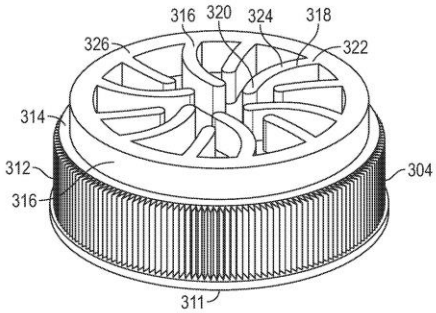


FIG. 3A

21: 2018/02619. 22: 2016/10/28. 43: 2019/05/10
51: H02J; G01D; G06Q
71: ÖVERÅS INVEST AB
72: SANDAHL, KRISTIAN
33: EP 31: 15192392.7 32: 2015-10-30
54: AN ELECTRICITY SUPPLY CONTROL SYSTEM AND A METHOD THEREOF
00: -
An electricity supply control system and a method for connecting at least one of a load and a source to an electric grid are disclosed. The system comprises at least two electric meters, each associated with a different supply regime having different parameters, a switching unit for separately connecting and disconnecting each electric meter and a control unit in operational connection with the switching unit. The control unit comprises communication circuitry for obtaining real-time data relating to at least one of the aforementioned parameters, and is further configured to connect one of the electric meters and disconnect the other electric meter(s) based on the obtained real-time data and at least one predefined condition. Hereby a more dynamic electricity supply control system is provided.

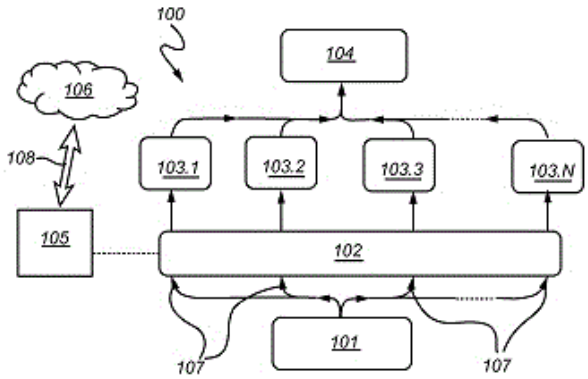


Fig. 1

21: 2018/02636. 22: 2018/04/20. 43: 2019/05/21
51: E21F
71: ESYSTEMS MANAGEMENT (PTY) LTD.
72: CAREW, JEFFREY MARK, CAREW, KEVIN DOUGLAS
33: ZA 31: 2017/02838 32: 2017-04-21
54: LOAD MEASURING DEVICE
00: -
This invention concerns a load measuring device for measuring a compressive load being exerted on a mine support. The device includes a compressible reservoir for holding a fluid and a pressure gauge which is connectable to the reservoir. The pressure gauge indicates the fluid pressure within the reservoir. In use, the reservoir is placed such that any compressive load being exerted on the mine support acts to deform the reservoir thereby increasing the fluid pressure within the reservoir.

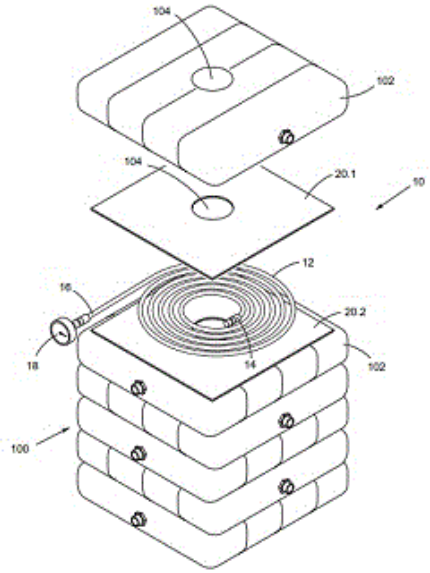


Fig. 1

21: 2018/02637. 22: 2018/04/20. 43: 2019/05/24
51: E21F
71: ESYSTEMS MANAGEMENT (PTY) LTD.
72: COUSINS, JAMES TERENCE, VERSTER, JACOBUS DANIEL
33: ZA 31: 2017/02590 32: 2017-04-11
54: DISPLACEMENT MONITORING SYSTEM
00: -
This invention concerns a displacement monitoring system for monitoring the displacement of a surface, in particular the hanging wall of a mine. The system includes a first connecting member which is attachable to a first anchor point located on the hanging wall and a second connecting member which is attachable to a second anchor point located on the hanging wall. A pair of electrically conductive elements are connectable between the two connecting members. A number of surface engagement elements are, in use, arranged such that they move into the space between the pair of electrically conductive elements through displacement of the hanging wall. Means for measuring the change in capacitance between the pair of electrically conductive elements as the engagement elements move relative to the pair of electrically conductive elements is provided. This effectively measures the displacement of the engagement elements through the change of the capacitance between the pair of electrically conductive elements.

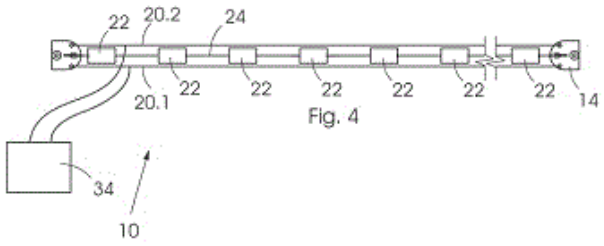


Fig. 4

21: 2018/02653. 22: 2016/10/19. 43: 2019/05/17
51: A61B; A61F
71: BIODA DIAGNOSTICS (WUHAN) CO.,LTD
72: LI, ZHAOWEN, GUO, WENSHENG
33: CN 31: 201610215310.4 32: 2016-04-08
33: CN 31: 201610667104.7 32: 2016-08-15
33: CN 31: 201510681705.9 32: 2015-10-21

54: INTERSPINOUS OMNIDIRECTIONAL DYNAMIC STABILIZATION DEVICE

00: -

The present disclosure relates to an interspinous omnidirectional dynamic stabilization device, including a first fixing part, a second fixing part, a connecting structure and an elastic structure, wherein the first fixing part and the second fixing part are fixedly connected to each other through the connecting structure and elastic structure, the bottoms of the first fixing part and the second fixing part are provided with one or more barbs, the elastic structure is made up of one or more U-shaped structures connected to each other, and the first fixing part and the second fixing part are provided with fixing holes respectively. The device is able to provide the maximum matching for the mobility in all directions, according to the requirements on the physiological activities of the human body, without causing stabilizing structures to be relatively displaced, or loosen and fall off. In addition, the device has a reasonably designed structure, with a small size. The device can be firmly fixed, and have a strong ability of elasticity attenuation resistance. In the device, the prosthesis has strong vertical support force at the bottom of the spinous process after implantation. Moreover, the device is fixed to the spinous processes and lamina, with the elastic structure attached to the spinous processes on either side of an interspinous space, and the bottom of the prosthesis is not forced to be close to the spinal dura mater, to reduce the risk of damaging the spinal dura mate during or after surgery.

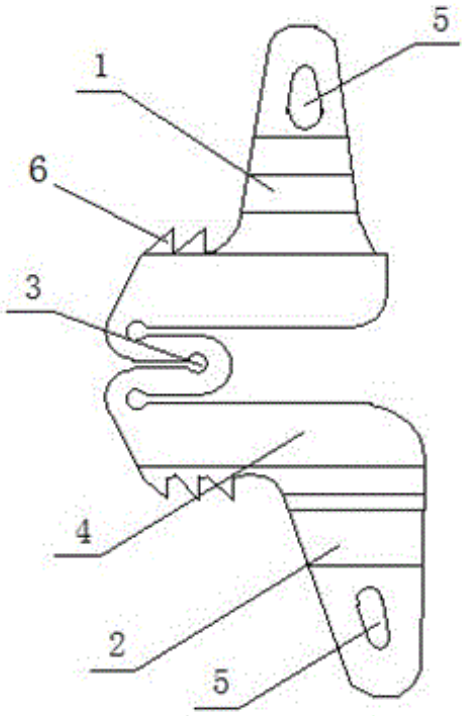


FIG. 2

21: 2018/02654. 22: 2016/12/05. 43: 2019/05/14
51: C07D; A61K; A61P; C07F
71: NAEJA-RGM PHARMACEUTICALS ULC
72: MAITI, SAMARENDRA NATH, NGUYEN, DAI QUOC, REDDY, ANDHE V N, YIP, JUDY, HA, CHAN MINH, LING, RONG, SHAN, RUDONG, MADALA, MADHAVA REDDY
33: US 31: 62/265,625 32: 2015-12-10

54: CEPHEM COMPOUNDS, THEIR PRODUCTION AND USE

00: -

Cephem compounds, pharmaceutically acceptable salts thereof, and methods of using same, wherein the compound has a bicyclic nitrogen-containing aromatic heterocyclic ring as the quaternary ammoniomethyl group at the 3-position and one or both of a terminal amidine residue (substituted or unsubstituted) attached to an aryl or a 5- or 6-membered heteroaryl group (substituted or unsubstituted) which is further attached through a spacer to the free N-atom of the quaternary nitrogen-containing bicyclic ring at the 3-side chain, or a terminal guanidine residue attached to an aryl or a 5- or 6- membered heteroaryl group (substituted or

unsubstituted) which is further attached through a spacer to the free N-atom of the quaternary nitrogen-containing bicyclic ring at the 3-side chain.

21: 2018/02682. 22: 2018/04/23. 43: 2019/05/22
51: B01D C10L
71: BASF SE
72: INGRAM, Thomas, SIEDER, Georg, PREIBISCH, Imke
33: EP 31: 15187395.7 32: 2015-09-29
54: ABSORPTION AGENT AND A METHOD FOR SELECTIVELY REMOVING HYDROGEN SULPHIDE
00: -
The invention relates to an absorption agent for selectively removing hydrogen sulphide from a fluid flow containing carbon dioxide and hydrogen sulphide, containing a) 10 to 70 wt.% of at least one sterically-hindered secondary amine that has at least one ether group and/or at least one hydroxyl group in the molecule; b) at least one non-aqueous solvent that has at least two functional groups, selected from ether groups and hydroxyl groups, in the molecule, and c) a cosolvent where appropriate; wherein the hydroxyl group density of the absorption agent ?Abs lies in the range of 8.5 to 35 mol(OH)/kg. Moreover, a method is described for selectively removing hydrogen sulphide from a fluid flow containing carbon dioxide and hydrogen sulphide, said fluid flow being brought into contact with the absorption agent. The absorption agent is characterised by a good regeneration capacity and high cyclic acid gas capacity.

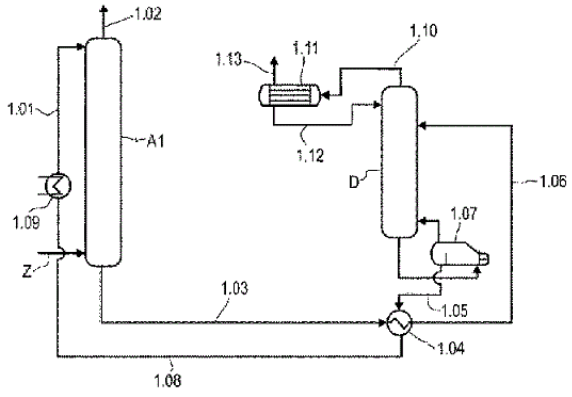


Fig. 1

21: 2018/02683. 22: 2018/04/23. 43: 2019/05/10
51: B01D
71: BASF SE
72: VORBERG, Gerald, NOTZ, Ralf, INGRAM, Thomas, SIEDER, Georg, KATZ, Torsten, GRUENANGER, Christian, DEGLMANN, Peter
33: EP 31: 15187389.0 32: 2015-09-29
54: ABSORBENT FOR THE SELECTIVE REMOVAL OF HYDROGEN SULFIDE
00: -
The invention relates to an absorbent for the selective removal of hydrogen sulfide from a fluid stream, containing an aqueous solution, comprising a) a tertiary amine; b) an amine pH promoter, selected from the compounds mentioned in the description; wherein the molar ratio between b) and a) is in the range of 0.05 to 1.0; and c) an acid having a pKa value of less than 6 in an amount such that the pH value of the aqueous solution is 7.9 to less than 8.8 when measured at 120 °C. Furthermore, the invention relates to a method for the removal of acid gases from a fluid stream, in which the fluid stream is brought into contact with the absorbent. The absorbent is characterized by a low regeneration energy.

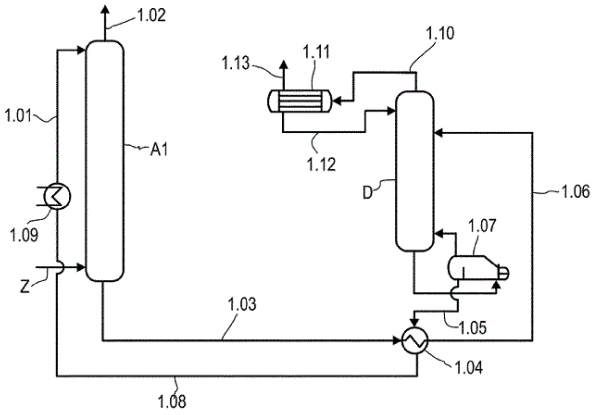
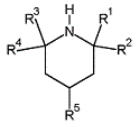


Fig. 1

21: 2018/02684. 22: 2018/04/23. 43: 2019/05/09
51: B01D C10L
71: BASF SE
72: INGRAM, Thomas, SIEDER, Georg, KATZ, Torsten, VORBERG, Gerald, NOTZ, Ralf
33: EP 31: 15187385.8 32: 2015-09-29
54: CYCLIC AMINE FOR SELECTIVELY REMOVING HYDROGEN SULPHIDE
00: -
The invention relates to the use of an amine of formula (I) where the groups R1 to R5 are defined as

they are in the description, as well as to an absorption agent and a method for removing acid gases from a fluid flow, particularly for selectively removing hydrogen sulphide over carbon dioxide. The invention also relates to certain amines suitable for selectively removing hydrogen sulphide. Absorption agents based on the amines of formula (I) have a high degree of selectivity, high loading capacity and good regeneration capacity.



(I)

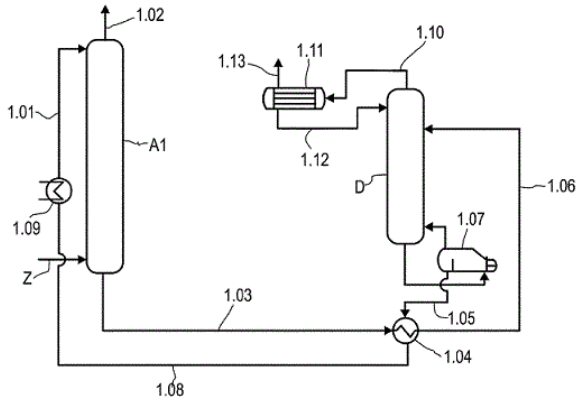


Fig. 1

21: 2018/02685. 22: 2018/04/23. 43: 2019/05/06
51: B01D C10L
71: BASF SE
72: INGRAM, Thomas, SIEDER, Georg
33: EP 31: 15187408.8 32: 2015-09-29

54: METHOD FOR THE SELECTIVE REMOVAL OF HYDROGEN SULFIDE

00: -

An absorbent for the selective removal of hydrogen sulfide from a fluid stream containing carbon dioxide and hydrogen sulfide contains: a) an amine compound of formula (I), where X, R1 to R7, x, y and z are defined as per the description; and b) a non-aqueous solvent; wherein the absorbent contains less than 20 wt. % water. Also disclosed is a method for the selective removal of hydrogen sulfide from a fluid stream containing carbon dioxide and hydrogen sulfide, wherein the fluid stream is brought into contact with the absorbent. The absorbent is characterised by high loadability, high cyclical capacity, good regeneration characteristics and low viscosity.

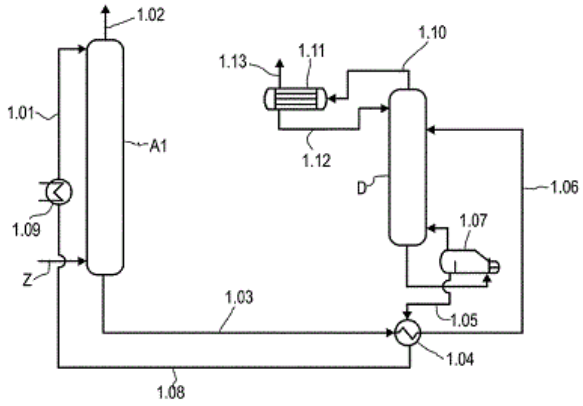
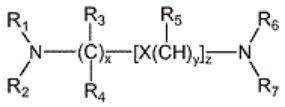


Fig. 1



(I)

21: 2018/02686. 22: 2018/04/23. 43: 2019/05/22
51: C08G C09D
71: BASF SE
72: ROLLER, Sebastian, TROMSDORF, Ulrich, AL-HELLANI, Rabie, LUCAS, Frederic, KIRSCH, Stefan
33: EP 31: 15186524.3 32: 2015-09-23

54: TWO-COMPONENT COATING COMPOUNDS

00: -

Two-component coating compounds containing a water-dispersible polyisocyanate component, containing: a) at least one polyisocyanate; and b) at least one reaction product of at least one polyisocyanate b1) with compounds b2) having at least one hydrophilic group (group A) which does not react with isocyanate and at least one reactive group (group B) which reacts with isocyanate; and a polyacrylate component containing an aqueous polymer dispersion c) of at least one hydroxy-functional poly(meth)acrylate with bimodal or higher modal particle size distribution.

21: 2018/02707. 22: 2016/11/03. 43: 2019/05/14
51: A47K; B05B
71: GAB ENGINEERING & DEVELOPMENT B.V.
72: GANZEBOOM, WILHELMUS EVERHARDUS
33: NL 31: 2015724 32: 2015-11-04

54: STORAGE HOLDER FOR A DISPENSER

00: -
The invention is directed to a storage holder 1 destined for placement in a liquid or foam dispenser, comprising a liquid reservoir 2, a pump 3 and a spacer 4. The liquid reservoir 2 has an opening 5 provided with a plug 6. The pump 3 is provided with an inlet tube 9, which inlet tube 9 is fixed into the opening of the plug by a clamping connection. The spacer 4 is provided with an opening for the inlet tube 9 and provided at its exterior with a means 11 to couple the storage holder 1 to the liquid or foam dispenser. The spacer 4 is positioned between the pump 3 and the plug and fixed into position relative to the plug 6 and relative to the pump 3 only by the clamping connection between inlet tube 9 and plug 6.

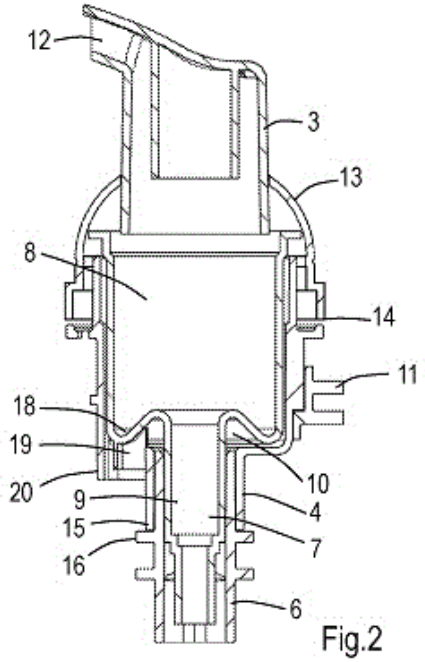


Fig.2

21: 2018/02708. 22: 2017/04/10. 43: 2019/05/14
51: E04H; F16B
71: HAMPTON STEEL LIMITED
72: DURHAM, CHRISTOPHER JOHN WALTER
33: GB 31: 1609076.3 32: 2016-05-24
54: STRAINER POST CONNECTOR
00: -
Techniques are provided for a metal connector for connecting a strut to a fencing strainer post. The connector includes a first portion and a second portion. The first portion being elastically deformable and arranged to fit around a strainer post. The second portion arranged, when the first portion is deformed, to be inserted into a cavity in a strut and arranged to engage the strut by an at least partial reversal of the deformation.

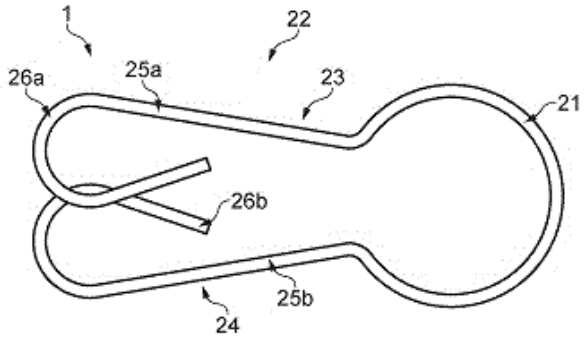


FIG. 2a

21: 2018/02709. 22: 2017/01/19. 43: 2019/05/14
51: E04H
71: HAMPTON STEEL LIMITED
72: DURHAM, CHRISTOPHER JOHN WALTER
33: GB 31: 1600991.2 32: 2016-01-19
54: FENCING SYSTEM
00: -
The present disclosure can provide a metal fencing system comprising a plurality of metal fence posts (100) and a plurality of retaining clips (112), each metal fence post comprising a plurality of discrete apertures (119) arranged to receive a coupling portion (114A,114B) of a retaining clip; wherein each retaining clip comprises a central fencing wire securing portion (113) and two opposing coupling portions arranged in use to cooperate with the discrete apertures and to secure the retaining clip to the metal fence post.

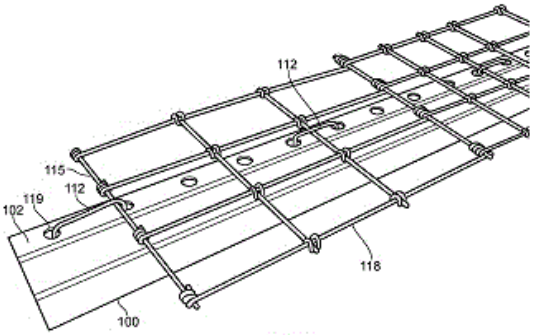


FIG. 6

21: 2018/02719. 22: 2018/04/24. 43: 2019/05/14
51: A01N; A01P; A61K; A61L
71: RECKITT BENCKISER LLC
72: DE SZALAY, Sarah, Frances, BUDHIAN, Avinash, KRUSZEWSKA, Aleksandra, MCGOWAN, Pamela, GILES, Richard
33: US 31: 62/248,354 32: 2015-10-30
54: TREATMENT COMPOSITIONS PROVIDING AN ANTIMICROBIAL BENEFIT
00: -
Treatment compositions which may be use to impart an antimicrobial benefit to animate and inanimate surfaces, e.g, topical compositions and hard surface and soft surface treatment compositions comprising specific surfactant comprising anionic surfactants, or anionic and nonionic surfactant systems.

21: 2018/02723. 22: 2016/07/13. 43: 2019/05/14
51: C12N
71: SANGAMO THERAPEUTICS, INC.
72: RILEY, BRIGIT E, LEE, GARY K
33: US 31: 62/307,897 32: 2016-03-14
33: US 31: 62/315,438 32: 2016-03-30
33: US 31: 62/355,106 32: 2016-06-27
33: US 31: 62/247,469 32: 2015-10-28
33: US 31: 62/326,229 32: 2016-04-22
54: LIVER-SPECIFIC CONSTRUCTS, FACTOR VIII EXPRESSION CASSETTES AND METHODS OF USE THEREOF
00: -
The present invention is in the field of gene therapy, particularly targeted delivery of transgene-encoding constructs to the liver for expression of beneficial (therapeutic) proteins. In particular, the invention relates to the treatment of hemophilias such as Hemophilia A. The present invention describes compositions and methods for expressing a transgene in a liver cell. The transgene may be expressed extrachromosomally (episomally) or may be integrated into the genome of the liver cell. In some embodiments, the transgene encodes a protein involved in the clotting cascade. In preferred embodiments, the transgene encodes a FVIII polypeptide.

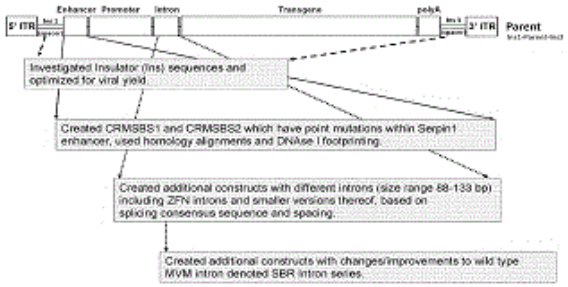


Figure 1

21: 2018/02728. 22: 2016/09/26. 43: 2019/05/14
51: C08J; B01D; F26B; D21C
71: SAPPI NETHERLANDS SERVICES B.V.
72: MENENDEZ GONZALEZ, REYES, TRAMBITAS, DANIELA OANA, CANTEKIN, SEDA, GRAVESON, IAN, JENNEKENS, MATH, MOMIN, SASCHI
33: EP 31: 15186998.9 32: 2015-09-25
54: SUPERCRITICAL CO2 CELLULOSE SPRAYDRYING
00: -
The present invention provides for a process for producing dry, water-dispersible, non-surface modified nanocellulose particles or a powderous composition r comprising said particles comprising the steps of: i. providing a first suspension of non-surface modified cellulose particles in an first aqueous liquid, which aqueous liquid is non-solubilizing for the non-surface modified nanocellulose particles, ii. exchanging substantially all of the first aqueous liquid of the first suspension for a second solvent, which is miscible with the first aqueous liquid and non-solubilizing for the non-surface modified nanocellulose particles, to form a second suspension of non-surface modified nanocellulose particles in said second solvent, iii. contacting a flow of the second suspension of non-surface modified nanocellulose particles with a flow of a fluid in a supercritical or critical state, which fluid in a supercritical or critical state is miscible with the second solvent and non-solvating for the non-surface modified nanocellulose particles under conditions suitable for the transfer of substantially all of the second solvent into the supercritical fluid, iv. removing the second solvent and the fluid in a supercritical or critical state, preferably by controlling pressure and/or temperature, to form the dry, water-dispersible nanocellulose particles, v. collecting the dry, water-dispersible, non-surface modified

nanocellulose particles and/or forming the powderous composition comprising said particles.

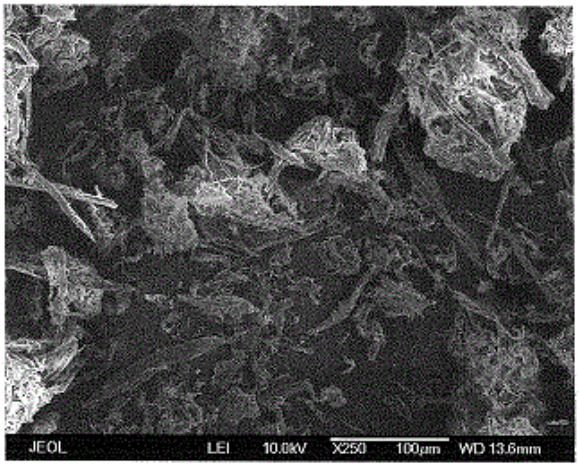


Fig. 7

21: 2018/02729. 22: 2016/11/07. 43: 2019/05/14
51: B42D; B41M
71: DE LA RUE INTERNATIONAL LIMITED
72: GODFREY, JOHN, LISTER, ADAM
33: GB 31: 1520085.0 32: 2015-11-13
54: METHODS OF MANUFACTURING IMAGE ELEMENT ARRAYS FOR SECURITY DEVICES
00: -
A method of manufacturing an image element array for an optically variable security device is disclosed. The method comprises: providing a production tool having a surface pattern of ink-receptive elements spaced by areas which are not ink-receptive, the ink-receptive elements defining the image elements of the desired image element array;applying a multi-coloured first image formed of a plurality of inks to only the ink-receptive elements of the surface pattern and not to the areas in between;and transferring only the portions of the multi-coloured first image corresponding to the image elements of the desired image element array from the production tool to a substrate, by bringing the plurality of inks on the surface pattern into contact with the substrate or with a transfer assembly which then contacts the substrate, whereby an image element array is formed on the substrate. The surface pattern on the production tool is configured such that, when a viewing element array is overlapped with the image element array, each viewing element within a first region of the image element array directs light from a respective one of the image elements or from a respective one of the gaps between the image elements in dependence on the viewing angle, whereby depending on the viewing angle the viewing element array in the first region directs light from either the array of image elements or from the gaps therebetween, such that upon changing the viewing angle, the first image is displayed by the image elements in combination across the first region of the image element array at a first range of viewing angles and not at a second range of viewing angles.

Fig. 4(a)

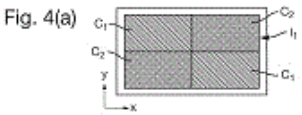


Fig. 4(b)

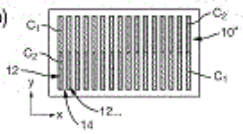
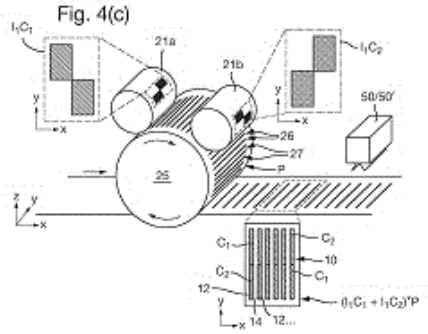


Fig. 4(c)



21: 2018/02730. 22: 2015/10/30. 43: 2019/05/14
51: H04L; H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: ZHANG, GUOQIANG, ARAÚJO, JOSÉ, ANDERSSON, LARS
54: ESTABLISHING A SECRET SHARED BETWEEN A FIRST COMMUNICATIONS DEVICE AND AT LEAST ONE SECOND COMMUNICATIONS DEVICE
00: -
A method performed by a computing device (10) of establishing a secret shared between a first communications device (20) and at least one second communications device (30) is provided. The method comprises acquiring (S101), using a first means of communication with the first communications device (20), a first data representation from which the shared secret can be derived. The method further comprises generating

(S102) a second data representation from the first data representation, from which second data representation the shared secret can be derived. Moreover, the method comprises providing (S103), using a second means of communication, the second communications device (30) with the second data representation, the first means of communication being different from the second means of communication.

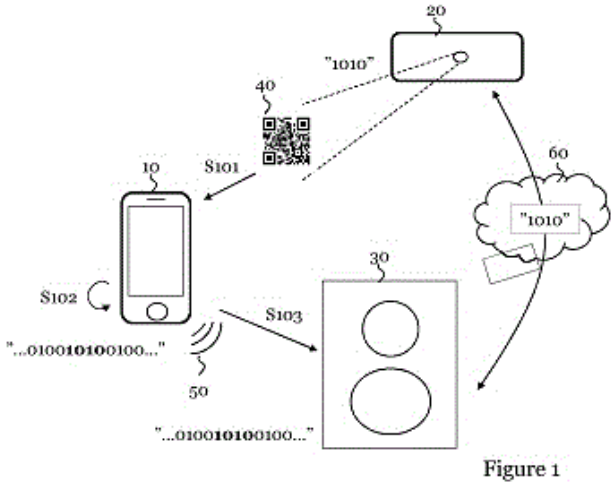
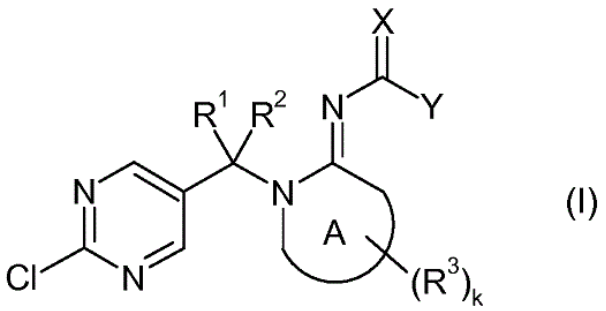


Figure 1

21: 2018/02744. 22: 2018/04/25. 43: 2019/05/14
51: C07D A01N
71: BASF SE
72: MCLAUGHLIN, Martin, John, KÖRBER, Karsten, GOCKEL, Birgit, VON DEYN, Wolfgang
33: US 31: 62/236,166 32: 2015-10-02
54: IMINO COMPOUNDS WITH A 2-CHLOROPYRIMIDIN-5-YL SUBSTITUENT AS PEST-CONTROL AGENTS
00: -
The present invention relates to imino compounds of formula (I); where the variables are as defined in the claims and the description, and to their stereoisomers, tautomers and salts. The invention further relates to agricultural or veterinary compositions comprising such compounds. The invention also relates to the use of these compounds, their stereoisomers, their tautomers and/or their salts for combating invertebrate pests. Furthermore the invention relates to methods of combating invertebrate pests, which comprises applying such compounds.



(I)

21: 2018/02755. 22: 2016/11/08. 43: 2019/05/14
51: B22D
71: VESUVIUS USA CORPORATION
72: RICHAUD, JOHAN, KREIERHOFF, MARTIN, WARMERS, CHRISTIAN
33: EP 31: 15193977.4 32: 2015-11-10
54: CASTING NOZZLE COMPRISING FLOW DEFLECTORS
00: -
The present invention concerns a casting nozzle comprising an elongated body defined by an outer wall and comprising a bore (1) defined by a bore wall and extending along a longitudinal axis, X1, from a bore inlet (1u) to a downstream bore end (1d), said bore comprising two opposite side ports (2), each extending transversally to said longitudinal axis, X1, from an opening at the bore wall defining a port inlet (2u) adjacent to the downstream bore end (1d), to an opening at the outer wall defining a port outlet (2d) which fluidly connects the bore with an outer atmosphere, Characterized in that, upstream from, and directly above each port inlet (2u), one or two flow deflectors (3) protrude out of the bore wall and extend from an upstream deflector end remote from the port inlet to a downstream deflector end close to the port inlet, over a deflector height, Hd, measured parallel to the longitudinal axis, X1, and wherein an area of a cross-section normal to the longitudinal axis, X1, of each flow deflector increases continuously over at least 50% of the deflector height, Hd, in the direction extending from the upstream deflector end towards the downstream deflector end.

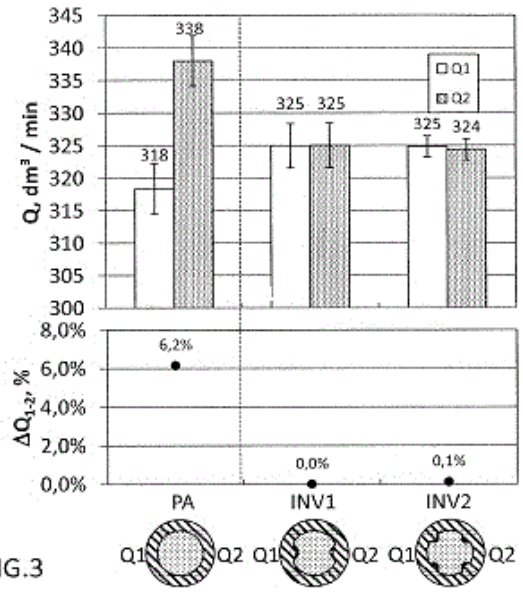


FIG.3

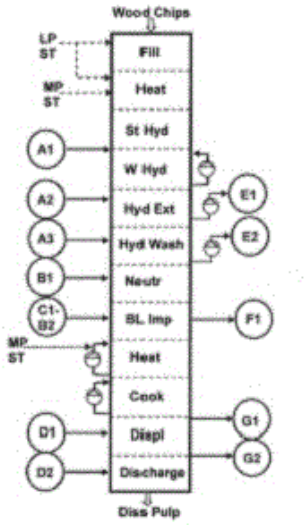
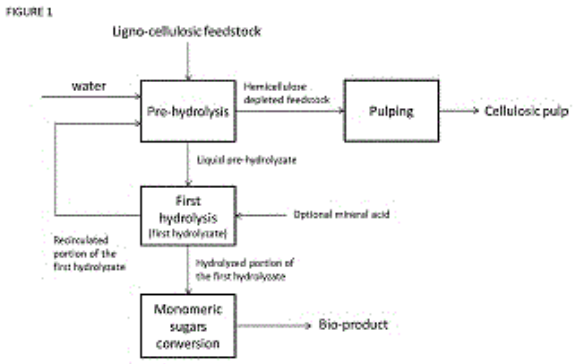


Fig.1

21: 2018/02760. 22: 2016/02/16. 43: 2019/05/14
51: D21C
71: VALMET AB
72: LAMMI, LARI, KUUSISTO, PETTERI, ANTONSSON, STEFAN, MINNAAR, SANNET
54: METHOD FOR RECOVERING CONCENTRATED HYDROLYSATE AFTER HYDROLYSIS OF CELLULOSE MATERIAL
00: -
A method for obtaining a strong hydrolysate from cellulose material after a hydrolysis in a batch digester. According to the invention is the cellulose material exposed to a 2-stage hydrolysis with a first steam phase hydrolysis followed by a liquid phase hydrolysis, and wherein the steam phase is conducted to such an extent that the packing degree of the cellulose material is resulting in a packing degree increase of at least 20% and up to 100%. The liquid phase hydrolysis is established by adding hot and preferably acidified hydrolysis liquid not establishing higher total L/W ratio above 3.5, but sufficient to keep the cellulose material under the level of the hydrolysis liquid.

21: 2018/02761. 22: 2016/12/01. 43: 2019/05/14
51: D21C; C07C; C12P; C13B
71: VALMET AKTIEBOLAG
72: FERRANDO, PATRIZIA, BERNARDINI, MARCO, GIORDANO, DARIO, LAMMI, LARI, NORDGREN, MATS
33: EP 31: 15425105.2 32: 2015-12-03
54: PROCESS TO PRODUCE A BIO-PRODUCT
00: -
It is disclosed a process to produce a bio-product starting from a ligno-cellulosic feedstock, comprising a pre-hydrolysis step of the ligno-cellulosic feedstock in one or more pre- hydrolysis vessels to produce a liquid pre -hydrolyzate comprising water and water soluble hemicellulose, followed by a multi-step hydrolysis of the water soluble hemicellulose. The hydrolysis steps are conducted in separated vessel. The liquid pre -hydrolyzate is subjected to a partial hydrolysis step in a first hydrolysis vessel, to produce a first hydrolyzate. A portion of the first hydrolyzate, comprising remnant water soluble hemicellulose, is recirculated in at least one pre-hydrolysis vessel and subjected to a second hydrolysis step. Another portion of the first hydrolyzate comprising monomeric sugars is removed and converted to the bio- product, preferably after a refining hydrolysis step. The process also produces a hemicellulose-depleted feedstock which is preferably treated to produce a cellulosic pulp. The bio-product comprises any chemical from the groups of polyols, diols, alcohols,

and carboxylic acids, or lactic acid or the group consisting of ethylene glycol, propylene glycol, or a mixture thereof.



21: 2018/02763. 22: 2017/01/20. 43: 2019/05/14
51: G06F
71: MICROSOFT TECHNOLOGY LICENSING, LLC
72: KELLY, BRYAN, SANTANIELLO, MARK, GOVINDAN, SRIRAM, BADAM, ANIRUDH
33: US 31: 15/004,830 32: 2016-01-22
54: USE OF VOLATILE MEMORY AS NON-VOLATILE MEMORY
00: -
A computing device may comprise a processor, a volatile memory and a non-volatile storage device. An operating system or firmware of the device may cause one or more pages of the volatile memory to be treated, by applications executing on the computing device, as non-volatile memory pages. A maximum number of pages that may be treated as non-volatile may be determined based on an amount of energy available in a battery and an amount of energy needed to transfer a page of memory to the non-volatile storage device.

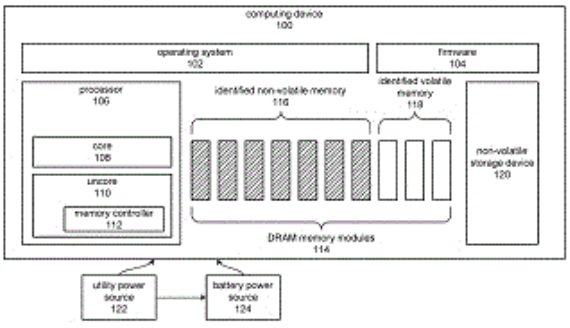


Figure 1

21: 2018/02772. 22: 2018/04/25. 43: 2019/05/10
51: A61K
71: OKUWEH, Williams
72: OKUWEH, Williams
54: HAIR TREATMENT COMPOSITION AND METHOD
00: -
A hair treatment composition which includes liquid paraffin, petroleum jelly, paraffin wax, castor oil, peppermint oil, menthol, lanolin, vitamin E, sulphur, honey extract, coconut oil, argan oil, and vanilla flavourant.

21: 2018/02784. 22: 2018/04/26. 43: 2019/05/14
51: B29B; B29C; B65D; B67D
71: Heineken Supply Chain B.V.
72: WITTE, Pieter Gerard, PAAUWE, Arie Maarten, BAX, Bart Jan, BLOM, Harold Marcel
33: NL 31: 2009235 32: 2012-07-26
54: CONTAINER AND SET OF PREFORMS FOR FORMING A CONTAINER
00: -
Container of a bag-in-container type, wherein a neck region of the container is provided with at least one opening extending substantially radially there through, into a space between the outer container and an inner container adjacent thereto, wherein the neck region is provided with coupling elements, preferably at opposite sides of said at least one opening, seen in circumferential direction, for coupling of a connecting device to the container for introducing a pressure fluid through said at least one opening into a space between the inner and outer container.

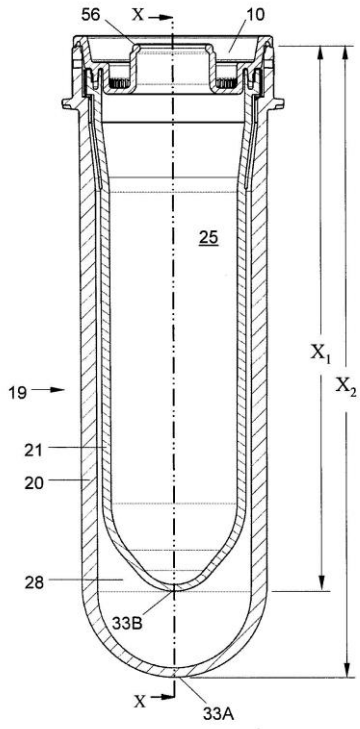


Fig. 14B

21: 2018/02791. 22: 2015/06/25. 43: 2019/05/14
51: G10L; H03M
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: SVEDBERG, JONAS
33: US 31: 62/029,586 32: 2014-07-28
54: PYRAMID VECTOR QUANTIZER SHAPE SEARCH
00: -

An encoder and a method therein for Pyramid Vector Quantizer, PVQ, shape search, the PVQ taking a target vector x as input and deriving a vector y by iteratively adding unit pulses in an inner dimension search loop. The method comprises, before entering a next inner dimension search loop for unit pulse addition, determining, based on the maximum pulse amplitude, maxampy, of a current vector y, whether more than a current bit word length is needed to represent enloopy, in a lossless manner in the upcoming inner dimension loop. The variable enloopy is related to an accumulated energy of the vector y. The performing of this method enables the encoder to keep the complexity of the search at a reasonable level. For example, it enables the encoder to apply an increased precision loop only when it may be needed, by analyzing whether the "worst case scenario" in the upcoming inner loop would require an inner loop with a higher precision than the one currently used.

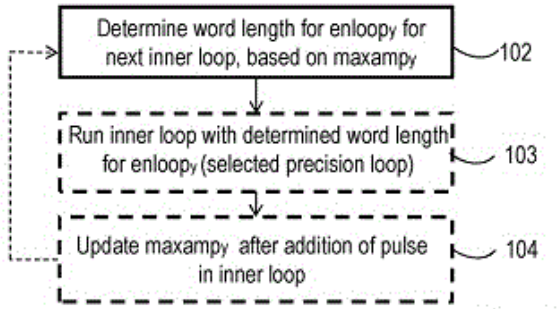


Figure 1

21: 2018/02813. 22: 2016/10/06. 43: 2019/05/14
51: B60C
71: TRELLEBORG WHEEL SYSTEMS ITALIA S.P.A.
72: MANCINELLI, PIERO, LIMITI, MASSIMO, BELTRAMME, DOMIZIANO
33: IT 31: 102015000058659 32: 2015-10-06
54: PROCESS AND DEVICE OF CONTROL AND REGULATION OF THE PRESSURE OF TYRES
00: -

The present invention concerns a process and a device of control and regulation of the pressure of tyres, in particular for agricultural use, apt to ensure the adaptation of the footprint of a tyre to changes in the load applied thereto, comprising the following steps: - measuring the pressure of the tyre, - measuring the footprint or the deflection of the tyre, - determining a calculated value of footprint or of deflection in function of said optimum value of pressure, said calculated value of footprint or of deflection being determined by means of a correlation, based on experimental data, of values of pressure, footprint or deflection and applied load, if said calculated value of footprint or of deflection is different from respectively said measured value of footprint or of deflection: - modifying the pressure of the tyre to reduce the difference between said measured value of pressure and said optimum value of pressure.

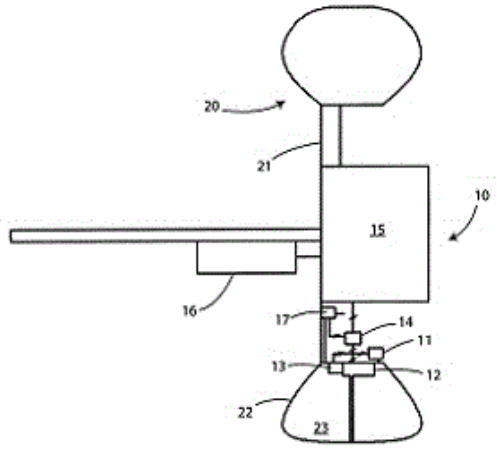


Fig. 1

21: 2018/02815. 22: 2016/11/04. 43: 2019/05/14
51: H04N
71: INTERDIGITAL VC HOLDINGS, INC.
72: BORDES, PHILIPPE, ANDRIVON, PIERRE, FRANCOIS, EDOUARD
33: EP 31: 15306777.2 32: 2015-11-09
54: METHOD AND DEVICE FOR ADAPTING THE VIDEO CONTENT DECODED FROM ELEMENTARY STREAMS TO THE CHARACTERISTICS OF A DISPLAY
00: -
The present disclosure relates to a method and device for adapting a video content decoded from elementary streams to the characteristics of a display from at least one type of metadata giving information regarding said elementary streams. Such a method comprises: - obtaining (102) an additional information (HDR DESCR.) indicating the presence of one particular type of metadata; - determining if said video content decoded from elementary streams is displayable on said display (11) from said additional information (HDR DESCR.) and the characteristics of the display (EDID); and - if said video content decoded from elementary streams is determined as being displayable, selecting (105) a process from said additional information and the characteristics of the display and adapting (106) the video content according to the selected process.

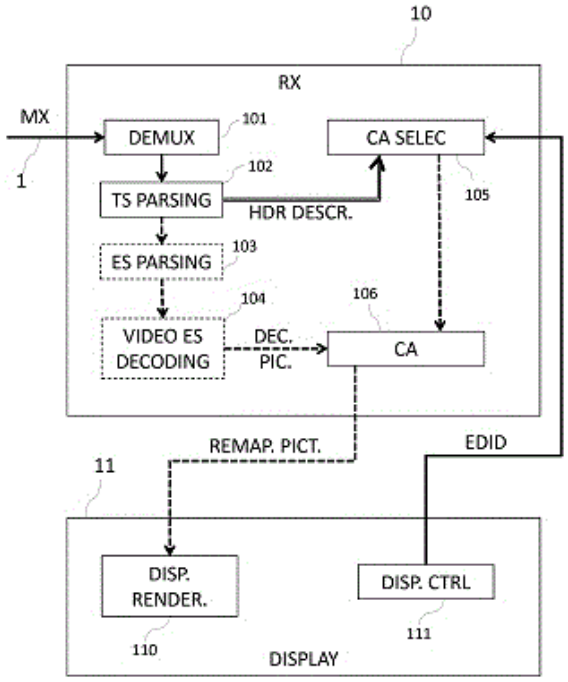


Figure 1

21: 2018/02817. 22: 2016/11/16. 43: 2019/05/14
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: YANG, YONG, CHEN, QIAN
33: US 31: 62/262,006 32: 2015-12-02
54: ENHANCEMENT OF MT SM DELIVERY FOR EDRX ENABLED MOBILE TERMINALS
00: -
The invention relates to mobility management nodes and methods of the mobility management nodes of enabling delivery of a Mobile Terminating, (MT) Short Message (SM) to a mobile terminal. In a first aspect of the invention, a method of a mobility management node is provided for enabling delivery of a Mobile Terminating, (MT) Short Message (SM) to a mobile terminal which currently is in extended idle mode discontinuous reception, eDRX, mode. The method comprises receiving an indication from a Short Message Service Gateway Mobile Switching Centre (SMS-GMSC) that the SM is to be delivered, receiving a notification that the mobile terminal has exited an extended idle Discontinuous Reception (eDRX) mode before a paging occasion has occurred, and submitting, in response to the notification, a message indicating to the SMS-GMSC

that the mobile terminal is available for delivery of the SM.

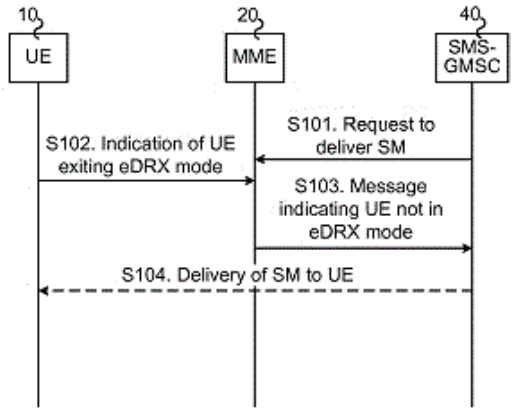


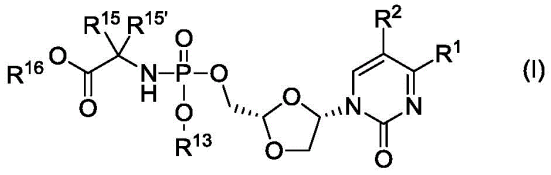
Fig. 3

21: 2018/02820. 22: 2016/11/03. 43: 2019/05/14
51: A61K; A61P; C12N
71: PROMETIC BIOTHERAPEUTICS, INC.
72: ROBITAILLE, MARTIN, THIBAUDEAU, KAREN, LAURIN, PIERRE, PLUM, STACY
33: US 31: 62/250,235 32: 2015-11-03
54: PLASMINOGEN REPLACEMENT THERAPY FOR PLASMINOGEN-DEFICIENCY
00: -

Subjects of the invention are a method of plasminogen supplementation in a plasminogen-deficient subject, and method for the treatment of plasminogen-deficiency in a plasminogen-deficient subject. These methods comprise administering to the plasminogen-deficient subject a dose of plasminogen, and more particularly Glu-plasminogen, for increasing the subject plasminogen activity level by at least about 1%, and more particularly by at least about 10%, of the normal plasminogen activity and for maintaining said increased plasminogen activity level over a supplementation period or a treatment period. The plasminogen-deficient subject of the present invention may suffer from Type-I, Type-II plasminogen-deficiency or an acquired deficiency.

21: 2018/02864. 22: 2018/05/02. 43: 2019/05/14
51: A61K; A61P; C07D; C07F
71: Medivir AB
72: BETHELL, Richard, ENEROTH, Anders, KLASSON, Björn, ÖBERG, Fredrik
33: SE 31: 1450983-0 32: 2014-08-25
54: DIOXOLANE ANALOGUES OF URIDINE FOR THE TREATMENT OF CANCER
00: -

The invention provides compounds of formula (I), wherein: R^1 is OR^{11}, or $NR^5R^{5'}$; R^2 is H or F; R^5 is H, C_1-C_6alkyl, OH, $C(=O)R^6$, $O(C=O)R^6$ or $O(C=O)OR^6$; $R^{5'}$ is H or C_1-C_6alkyl; R^6 is C_1-C_6alkyl or C_3-C_7cycloalkyl; R^{13} is H, phenyl, pyridyl, benzyl, indolyl or naphthyl wherein the phenyl, pyridyl, benzyl, indolyl and naphthyl is optionally substituted with 1, 2 or 3 R^{22}; and the other variables are as defined in the claims, which are of use in the treatment of cancer, and related aspects.



(I)

21: 2018/02879. 22: 2016/11/03. 43: 2019/05/23
51: A23D
71: UNILEVER PLC
72: DE MAN, TEUNIS, MELNIKOV, SERGEY MICHAILOVICH
33: EP 31: 15195607.5 32: 2015-11-20
54: PROCESS FOR PREPARING FAT CONTINUOUS EMULSIONS CONTAINING MIDSTOCK OR CREAM
00: -

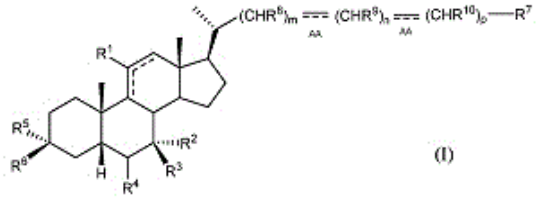
A process for preparing a water-in-oil emulsion which emulsion comprises both oil, a midstock fraction and a hardstock fraction. The process involves blending the melted hardstock fraction with a water-continuous dispersion comprising part or all of the oil and part or all of the midstock fraction, at least part of said midstock fraction being crystallized, wherein the temperature of the aqueous dispersion is below 15°C.

21: 2018/02880. 22: 2016/11/08. 43: 2019/05/23
51: A23D
71: UNILEVER PLC

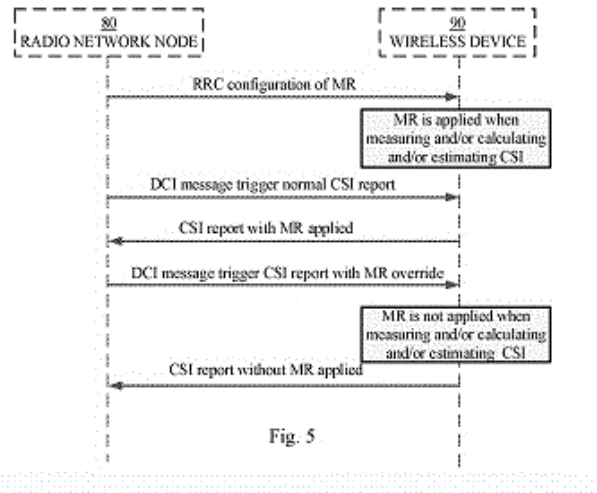
72: DE MAN, TEUNIS, MEEUSE, FREDERIK MICHIEL
33: EP 31: 15195612.5 32: 2015-11-20
54: PROCESS FOR PREPARING FAT CONTINUOUS EMULSIONS
00: -
A process for preparing a water-in-oil emulsion which emulsion comprises oil and a hardstock fraction next to an aqueous phase. The process involves blending the melted hardstock fraction with a water-continuous dispersion comprising part or all of the oil and part or all of the aqueous phase and with a fat-continuous dispersion comprising the remainder of the oil and the remainder of the aqueous phase. The combined stream is mixed by a high shear mixer with short residence time.

21: 2018/02881. 22: 2016/11/16. 43: 2019/05/23
51: A23D
71: UNILEVER PLC
72: GREBENKÄMPER, KAI, ABRAHAM, LEENHOUTS, THE, ROGIER ANTOINE FLORIS
33: EP 31: 15201653.1 32: 2015-12-21
54: PROCESS FOR PREPARING A FAT SLURRY COMPRISING OLIVE OIL AND FOR PREPARING A SPREAD WITH SAID SLURRY
00: -
A process for preparing a slurry of an edible oil phase and fat powder, and to a process of preparing an edible fat-continuous spread out of such, wherein the oil phase comprises olive oil.

21: 2018/02901. 22: 2016/10/07. 43: 2019/05/23
51: A61K; C07J
71: INTERCEPT PHARMACEUTICALS, INC.
72: PELLICCIARI, ROBERTO, GIOIELLO, ANTIMO
33: US 31: 62/238,246 32: 2015-10-07
54: FARNESOID X RECEPTOR MODULATORS
00: -
The present application provides a compound of formula I: or a pharmaceutically acceptable salt, solvate, or amino acid conjugate thereof, as described herein. The present invention relates generally to FXR modulators and to methods of making and using said compounds.



21: 2018/02902. 22: 2016/11/03. 43: 2019/05/23
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: FRENNE, MATTIAS, HARRISON, ROBERT MARK, GAO, SHIWEI, MURUGANATHAN, SIVA
33: US 31: 62/250,607 32: 2015-11-04
54: METHODS AND APPARATUSES FOR CONFIGURATION OF MEASUREMENT RESTRICTIONS
00: -
There is disclosed a method for operating a wireless device (90) in a wireless network (100), wherein the wireless device (90) is configured, by higher layer signaling, with a first measurement restriction, MR, configuration for measuring and/or reporting Channel State Information, CSI, the method comprises transmitting (42) a first indication with lower layer signaling, indicating that a second MR configuration for measuring and/or reporting CSI, replaces the first MR configuration for measuring and/or reporting CSI.



21: 2018/02903. 22: 2016/11/02. 43: 2019/05/23
51: B05D
71: SCHMID RHYNER AG
72: RÜEDI, ROLAND, SCHLATTERBECK, DIRK DR, LUDWIG, PETER ELADIO
33: DE 31: 10 2015 118 753.1 32: 2015-11-02
54: METHOD FOR CREATING SURFACE EFFECTS, IN PARTICULAR IN UV-CURABLE LAYERS, DEVICE FOR MAKING SAME, AND ARTICLE OBTAINED ACCORDING TO THE INVENTION
00: -
The invention relates to a method for creating surface effects in a coating that is curable by high-energy particle radiation, in particular UV light, said method involving the following steps: applying a coating fluid, e.g. a paint, which is radically curable, in particular UV-curable, to a substrate, said coating fluid being designed such that the reactivity on the surface of the applied coating film differs specifically from the reactivity in the volume of the applied coating film; irradiating the coating with high-energy particle radiation. Also disclosed are devices, in particular for carrying out said method.

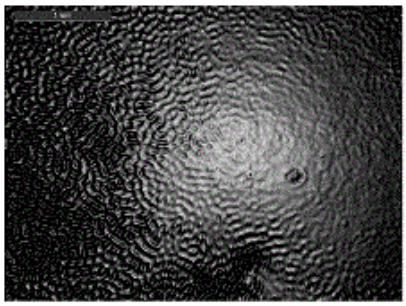
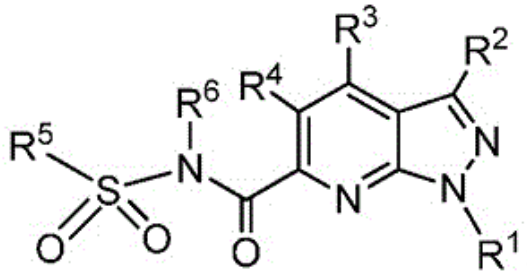


Fig. 1

21: 2018/02919. 22: 2014/10/03. 43: 2019/05/23
51: C12N; A61K; A61P
71: ALNYLAM PHARMACEUTICALS, INC., ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
72: BETTENCOURT, BRIAN, FITZGERALD, KEVIN, QUERBES, WILLIAM, DESNICK, ROBERT J, YASUDA, MAKIKO
33: US 31: 61/887,288 32: 2013-10-04
33: US 31: 61/983,720 32: 2014-04-24
54: COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF THE ALAS1 GENE
00: -
The invention relates to double-stranded ribonucleic acid (dsRNA) compositions targeting the ALAS1 gene, and methods of using such dsRNA compositions to alter (e.g., inhibit) expression of ALAS1.

21: 2018/02976. 22: 2016/10/07. 43: 2019/05/23
51: C07D; A61K; A61P
71: ABBVIE S.Á.R.L., GALAPAGOS NV
72: AKKARI, RHALID, ALVEY, LUKE JONATHAN, BOCK, XAVIER MARIE, BROWN, BRIAN S, CLAES, PIETER ISABELLE ROGER, COWART, MARLON D, DE LEMOS, ELSA, DESROY, NICOLAS, DUTHION, BÉRANGER, GFESSER, GREGORY A, GOSMINI, ROMAIN LUC MARIE, HOUSSEMAN, CHRISTOPHER GAËTAN, JANSEN, KOEN KAREL, JI, JIANGUO, KYM, PHILIP R, LEFRANCOIS, JEAN-MICHEL, MAMMOLITI, OSCAR, MENET, CHRISTEL JEANNE MARIE, MERAYO, NURIA MERAYO, NEWSOME, GREGORY JOHN ROBERT, PALISSE, ADELINE MARIE ELISE, PATEL, SACHIN V, PIZZONERO, MATHIEU RAFAËL, SHRESTHA, ANURUPA, SWIFT, ELIZABETH C, VAN DER PLAS, STEVEN EMIEL, WANG, XUEQING, DE BLIECK, ANN
33: US 31: 62/239,647 32: 2015-10-09
33: US 31: 62/309,794 32: 2016-03-17
54: N-SULFONYLATED PYRAZOLO[3,4-B]PYRIDIN-6-CARBOXAMIDES AND METHOD OF USE
00: -
The present invention provides for compounds of formula (I) wherein R^1, R^2, R^3, R^4, R^5, and R^6 have any of the values defined in the specification, and pharmaceutically acceptable salts thereof, that are useful as agents in the treatment of diseases and conditions mediated and modulated by CFTR, including cystic fibrosis, Sjögren's syndrome, pancreatic insufficiency, chronic obstructive lung disease, and chronic obstructive airway disease. Also provided are pharmaceutical compositions comprised of one or more compounds of formula (I).



(I)

21: 2018/02977. 22: 2016/10/07. 43: 2019/05/23
51: A61B; A61M; G06F
71: DIANOVATOR AB
72: STÅHL, FREDRIK
33: SE 31: 1530154-2 32: 2015-10-09
54: MEDICAL ARRANGEMENTS AND A METHOD FOR DETERMINING PARAMETERS RELATED TO INSULIN THERAPY, PREDICTING GLUCOSE VALUES AND FOR PROVIDING INSULIN DOSING RECOMMENDATIONS
00: -
The present invention relates to a method for determining a personalized estimate, the magnitude of an intended medical effect, a duration and a shape of this, for a drug, based on sections of data where a target biomarker and dose history have been recorded, wherein the personalized estimate of a finite impulse response model a = [a0, a2... an] and the basal hepatic glucose production Gb is determined according to equations of the present invention. The present invention further relates to a system for controlling insulin delivery to a patient according to the method described in the present invention where the measured biomarker is glucose. The present invention further relates to a medical device performing the calculations according to the present invention.

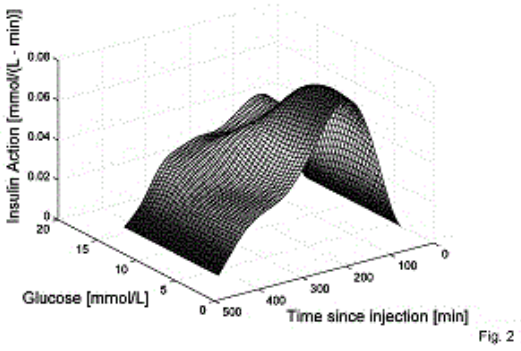


Fig. 2

21: 2018/02978. 22: 2016/11/11. 43: 2019/05/23
51: A61K; A61P; G02C
71: THE UNIVERSITY OF MASSACHUSETTS
72: MUTHUKUMAR, MURUGAPPAN
33: US 31: 62/254,863 32: 2015-11-13
54: BIFUNCTIONAL MOLECULES CONTAINING PEG FOR USE IN INHIBITING CATARACTS AND PRESBYOPIA
00: -
Described herein are bifunctional molecules for use in a method of inhibiting or reversing the progression of cataract formation or presbyopia in an eye, wherein the bifunctional molecule comprises a substituted or unsubstituted amine, succinimide, carboxylic acid, isocyanate, isothiocyanate, sulfonyl chloride, aldehyde, carbodiimide, acyl azide, anhydride, fluorobenzene, carbonate, N-hydroxysuccinimide ester, imidoester, epoxide or fluorophenyl ester covalently linked to a molecular bristle which is a polyethylene glycol. Both presbyopia and cataracts are caused by aggregation of the soluble crystalline lens proteins called the crystallins.

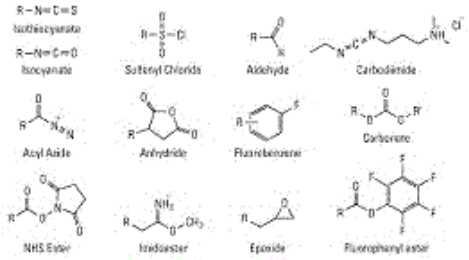


FIG. 1

21: 2018/02979. 22: 2016/05/18. 43: 2019/05/23
51: E03C
71: AQUA VIEW INC.
72: SEARCY, GUS
33: US 31: 14/937,587 32: 2015-11-10
54: WATER CONSERVING SHOWER SYSTEM AND THERMOCHROMIC FIXTURES USED THEREIN
00: -
A water delivery system includes a mixing valve operable for delivering a water flow of adjustable temperature from a water source to a dispensing device downstream from the mixing valve; a thermochromic thermal indicator, fluidly coupled between the mixing valve and the dispensing device, that provides a visible indication of the water flow having achieved a predetermined temperature; and a diverter valve, fluidly coupled between the mixing valve and the dispensing device, and operable to direct the water flow selectively either to the dispensing device or back to the water source. The thermal indicator may be a thermochromic PVC conduit, or it may be a fitting having an inlet, an outlet, a thermochromic PVC element therebetween,

and a barrier located between the inlet and the outlet so as to define a flow path that includes an interior surface of the thermochromic element.

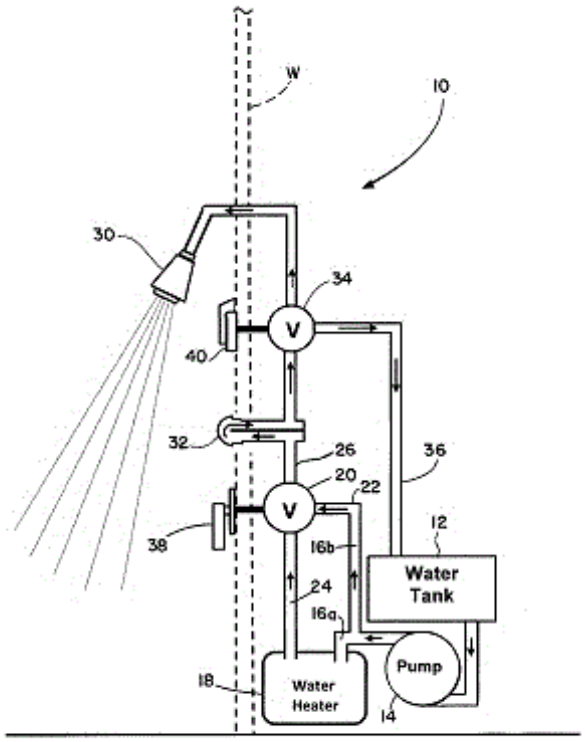


FIG. 1

21: 2018/02982. 22: 2016/11/02. 43: 2019/05/13
51: A61K; A61P
71: MEDHERANT LIMITED, BOSTIK SA
72: HADDLETON, DAVID, GOUBARD, DAVID, O'DRISCOLL, CIARAN
33: GB 31: 1602907.6 32: 2016-02-19
33: GB 31: 1519321.2 32: 2015-11-02
54: DRUG DELIVERY COMPOSITION CONTAINING SILYL POLYMERS
00: -
The invention relates to a silyl-containing polymer that is used, together with a tackifying resin to form an adhesive composition capable of storing and delivering drugs to the skin of a user. Typically the composition is formed into a patch which shows excellent adhesion to the skin even when drugs and other additives are dissolved into the composition.

21: 2018/02984. 22: 2016/10/28. 43: 2019/05/23
51: H04B
71: NAUTITECH MINING SYSTEMS PTY LIMITED
72: CARTER, DOUGLAS RAYMOND HONDA
33: AU 31: 2015258302 32: 2015-11-20
54: POWER-LINE COMMUNICATIONS
00: -
A repeater (9), system (1) and method (100) for facilitating data communication, over a power-line (7), between a first electronic communication device (3) and a second electronic communication device (5). The repeater (9) includes a first power-line communication (PLC) transceiver (11), a second PLC transceiver (13) and a repeater communication channel (15). The first PLC transceiver (11) communicates with the first electronic communication device (3) over the power-line (7). The second PLC transceiver (13) communicates with the second electronic communication device (5) over the power-line (7). The first PLC transceiver (11) communicates with the second PLC transceiver (13) over the repeater communication channel (15).

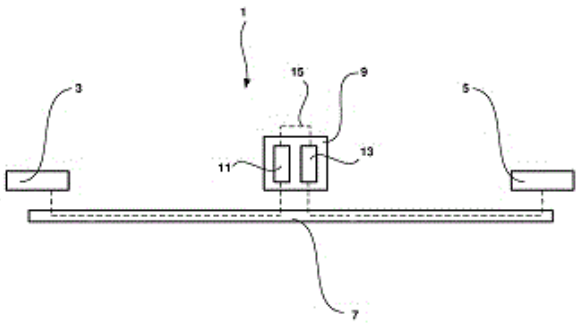


Fig. 1

21: 2018/02985. 22: 2017/01/10. 43: 2019/05/23
51: H04W; H04L
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: NADER, ALI, HÖGLUND, ANDREAS, RATHONYI, BÉLA, WANG, YI-PIN ERIC
33: US 31: 62/277,465 32: 2016-01-11
54: DATA BLOCK REPETITIONS WITH TRANSMISSION GAPS
00: -
A user equipment (2, 12A, 800A, 800B, 1000) is configured for use in a wireless communication system. The user equipment (2, 12A, 800A, 800B, 1000) is configured to transmit to a base station (4, 10, 900A, 900B, 1100) a scheduled transmission (6) that comprises a data block and one or more repetitions of the data block. The scheduled transmission (6) in this regard is transmitted with transmission gaps therein according to a

transmission gap pattern (8) that specifies a pattern of transmission gaps in time. A base station (4, 10, 900A, 900B, 1100) may correspondingly be configured to receive from the user equipment (2, 12A, 800A, 800B, 1000) the scheduled transmission (6) with transmission gaps therein according to the transmission gap pattern (8).

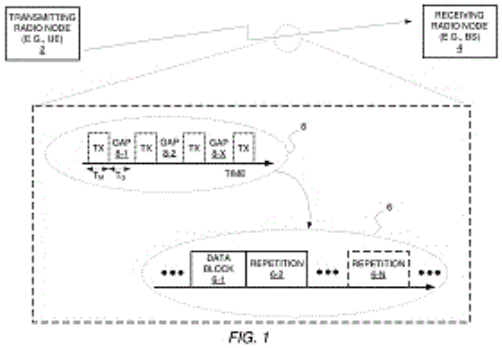


FIG. 1

21: 2018/02987. 22: 2016/12/08. 43: 2019/05/23
51: H04L
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: SUNDBERG, MÅRTEN, HÄNDEL, ULF, BERGQVIST, JENS, SAGEBRAND, BIRGITTA, LIBERG, OLOF, DIACHINA, JOHN WALTER, ERIKSSON LÖWENMARK, STEFAN, SCHLIWA-BERTLING, PAUL
33: US 31: 62/266,018 32: 2015-12-11
54: A RADIO NETWORK NODE AND A WIRELESS DEVICE, AND METHODS THEREIN
00: -
A Radio Network Node (RNN) (106) and a method therein for providing improved robustness of a radio link between the RNN and a wireless device (108). The RNN and the wireless device operate in a communications network (100). The RNN transmits, towards the wireless device, a transmission with a first transmission mode associated with a first level of coverage extension. When a first period of time has elapsed, the RNN transmits, towards the wireless device, the transmission using a second transmission mode associated with a second level of coverage extension. The second level of coverage extension is higher than the first level of coverage extension.

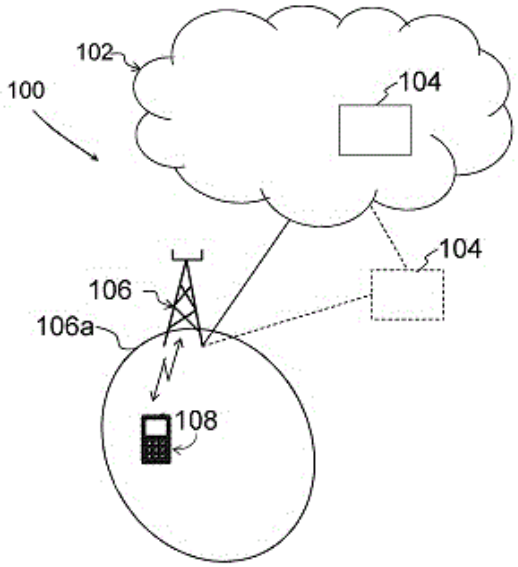
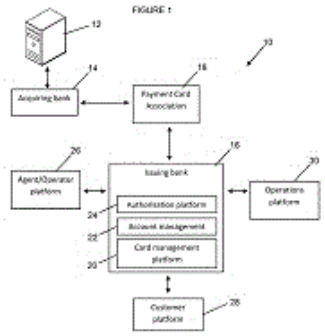


Figure 1

21: 2018/02988. 22: 2016/11/22. 43: 2019/05/23
51: G06Q
71: MASTERCARD INTERNATIONAL INCORPORATED
72: VORA, NEERAJ A, KAPOOR, RAVI
33: EP 31: 15196877.3 32: 2015-11-27
54: PAYMENT DEVICE CONTROL
00: -
A method for restricting a payment device for use with a selectable set of merchants, the method comprising: receiving from an agent a request to restrict a payment device that has been enabled for restriction for use with a selectable set of merchants only; providing to the agent means to select a set of merchants to which use of the payment device is to be restricted; detecting a set of merchants selected by the agent; and restricting the payment device for use with the set of merchants selected by the agent.



21: 2018/02990. 22: 2018/05/08. 43: 2019/05/10
51: A47K
71: ILLE PAPIER-SERVICE GMBH
72: GOTTSCHALK, Eric
33: DE 31: 10 2017 110 516.6 32: 2017-05-15
54: A DEVICE FOR SEPARATING PAPER SECTIONS FROM A PAPER WEB WOUND ONTO A PAPER ROLL, AS WELL AS A KNIFE FOR SEPARATING THE PAPER SECTIONS
00: -
A device for separating paper sections (74) from a paper web wound onto a paper roll and for allowing easy manual access to the paper web that follows after the separated paper section, the device including a cutting cylinder (40), which extends over at least the paper width, and a knife (42) that extends essentially over the entire roller width, whereby the knife (42) includes a blade (114) and a series of teeth (120, 122, 124, 126), which are arranged spaced apart along the length of the blade, wherein the groups of teeth (120, 122, 124, 126) are separated from each other by cut-outs (128, 130, 132), and wherein the cutting roller (40) is associated with a pressure roller (44), which has a slit-shaped opening (46) and is coupled to the cutting roller (40).

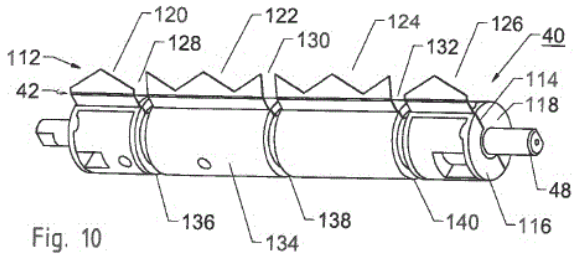


Fig. 10

21: 2018/03003. 22: 2016/11/09. 43: 2019/05/23
51: B01D; B01J; C07C
71: UOP LLC
72: LEETON, ERIC
33: US 31: 62/259,382 32: 2015-11-24
54: VERTICAL SEPARATION VESSEL FOR IONIC LIQUID CATALYZED EFFLUENT
00: -
A separation vessel for separating an effluent stream that comprises a mixture of hydrocarbons and ionic liquid. The separation vessels may be vertically orientated. Ionic liquid is utilized to remove entrained ionic liquid droplets form rising hydrocarbons within the separation zone. The ionic liquid may be provided with a stream of the ionic liquid from the separation vessel. The ionic liquid may be provided as a layer or travel counter-current to the hydrocarbons rising in the separation vessel.

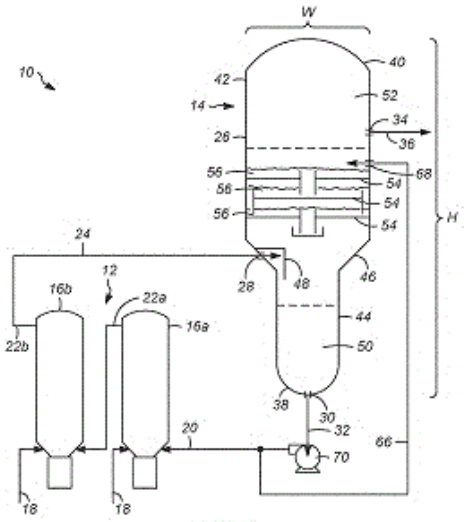
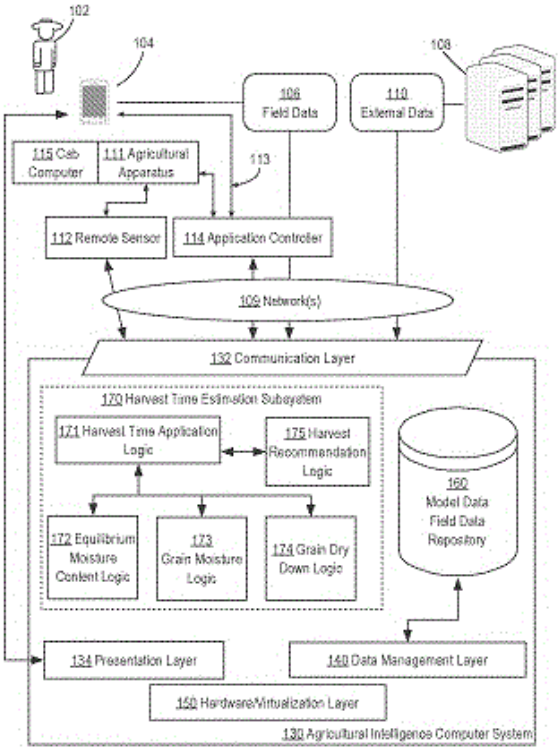


FIG. 1

21: 2018/03007. 22: 2016/10/07. 43: 2019/05/23
51: A01H; G06Q
71: THE CLIMATE CORPORATION
72: CHEN, JIUNN-REN, XU, YING
33: US 31: 14/925,797 32: 2015-10-28
54: COMPUTER-IMPLEMENTED CALCULATION OF CORN HARVEST RECOMMENDATIONS
00: -
Computer-implemented techniques for determining crop harvest times during a growing season based upon hybrid seed properties and weather conditions is provided. A server computer system receives data representing hybrid seed properties, including seed type, relative maturity, and weather data. The computer system creates and stores an equilibrium

moisture content time series for the specific geo-location based upon weather data, which is used to determine the rate of grain dry down. The computer system calculates R6 moisture content for a specific hybrid seed based on a plurality of hybrid seed data. The computer system creates a grain dry down time series model, based on the equilibrium moisture content time series, the R6 date, the R6 moisture content, and hybrid seed properties. The computer system determines and displays a harvest time recommendation based on the grain dry down time series and the desired moisture level of the grower.

Fig. 1



21: 2018/03008. 22: 2016/09/13. 43: 2019/05/23
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: ÅKESSON, JOAKIM, TRÄNK, MAGNUS
33: US 31: 62/267,454 32: 2015-12-15
54: PAGING IN A GROUP COMMUNICATIONS SYSTEM
00: -
There is provided mechanisms for paging at least one client node in a group communications system. A method is performed by a control node of the group communications system. The method comprises obtaining a need for paging the at least one client node in the group communications system. The method comprises transmitting a paging message for the at least one client node on a multimedia broadcast multicast service (MBMS) bearer to the at least one client node. There is also provided a control node configured to perform such a method. There is also provided mechanisms for receiving paging in a group communications system.

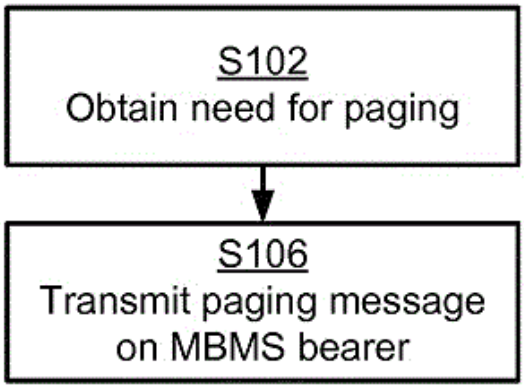


Fig. 5

21: 2018/03010. 22: 2016/11/10. 43: 2019/05/23
51: A61K; A61P
71: PROMETIC BIOTHERAPEUTICS, LTD.
72: BERTHEIM, ULF, NY, TOR, LAURIN, PIERRE, ROBITAILLE, MARTIN
33: US 31: 62/253,352 32: 2015-11-10
54: PLASMINOGEN DOSAGE REGIMEN FOR WOUND HEALING
00: -
The invention concerns the use of plasminogen or a biologically active variant thereof for the preparation of a medicament for local administration of at least one dose of plasminogen or a biologically active variant thereof for promoting the healing of a wound in a subject. The dose is between about 2 mg and about 30 mg. The frequency of the administration may vary from once a day to once a week. The invention further concerns the related medicaments and methods of treatment.

21: 2018/03017. 22: 2018/05/08. 43: 2019/05/23
51: C01B

71: AQUALLENCE LTD ISRAEL
72: RODAN, Yuval, BADALOV, Meir, VIZEL, Moty
33: US 31: 62/238,718 32: 2015-10-08
54: COLD PLASMA OZONE GENERATOR
00: -
The present invention provides a cold plasma ozone generator, comprising: an inlet gas port; at least one in-electrode, said in-electrode having a plurality of holes substantially at a perimeter of the same; said plurality of perimeter holes are in fluid communication with said inlet gas port, said plurality of perimeter holes configured to allow said dry gas to pass therethrough; at least one out-electrode, said out-electrode having at least one hole at the center of the same, said at least one hole configured to allow gas to pass therethrough; said in-electrode and said out-electrode configured to maintain said high voltage AC therebetween; at least one spacer between said in-electrode and said out-electrode, said spacer configured to maintain a constant-width gap between said in- electrode and said out-electrode; an outlet port.

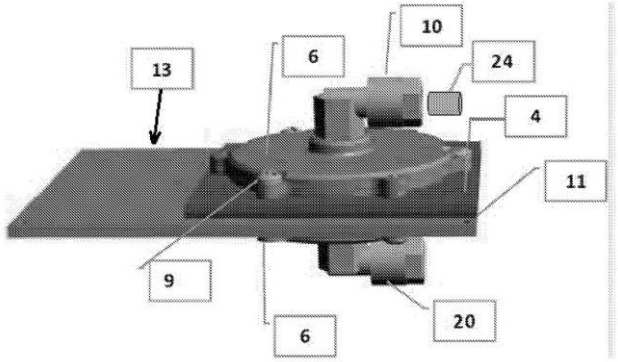


Fig. 1A

21: 2018/03028. 22: 2018/05/09. 43: 2019/05/23
51: A61F
71: Sanford Health
72: KELLY, Patrick W.
33: US 31: 61/623,151 32: 2012-04-12
54: DEBRANCHING VISCERAL STENT GRAFT AND METHODS FOR USE
00: -
A debranching visceral stent graft and methods for its use, where the stent graft comprises, a main body stent graft with a bifurcation defining a first leg and a second leg, the main body stent graft has a distal end and a proximal end, the main body stent graft's diameter at the proximal end ranges from about 18-22 mm, the first leg and the second leg each have a diameter that ranges from about 14-16 mm, the distance from the proximal end of the main body to the distal end of the first leg ranges from about 70-90 mm, the distance from the proximal end of the main body to the distal end of the second leg ranges from about 80- 100 mm, and the second leg is at least about 10 mm longer than the first leg.

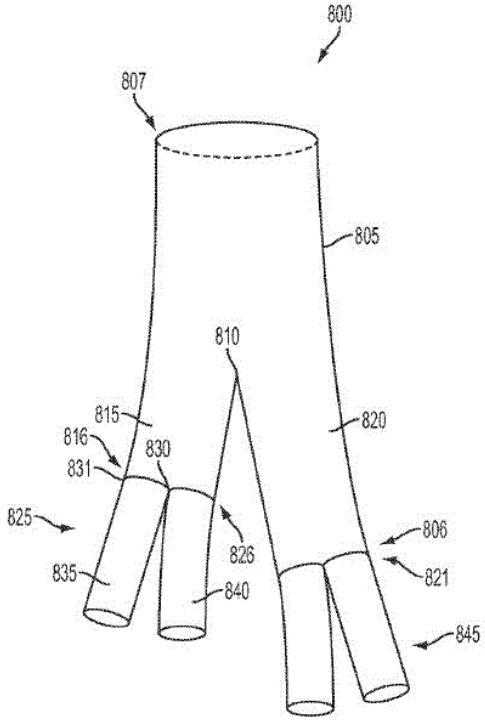


FIG. 8B

21: 2018/03032. 22: 2018/05/09. 43: 2019/06/04
51: A61K
71: SUN PHARMACEUTICAL INDUSTRIES LIMITED
72: GARGOTE, Chandrashekhar, GARG, Lalit, HODGE, Shrikant Vaijanathappa, DESHMUKH, Subodh, SINGH, Romi Barat, BATRA, Vikas, JAIN, Som Akshay
33: IN 31: 3504/DEL/2015 32: 2015-10-28
54: PHARMACEUTICAL COMPOSITIONS OF DIMETHYL FUMARATE
00: -
The present invention relates to pharmaceutical composition comprising dimethyl fumarate; an enzyme modulator or a permeation enhancer or both; and one or more pharmaceutically acceptable excipients. It further relates to a pulsatile release

pharmaceutical composition comprising dimethyl fumarate and one or more pharmaceutically acceptable excipients. The compositions of the present invention are administered at a lower dose as compared to the recommended daily dose of Tecfidera®. Further, the compositions of the present invention are resistant to dose dumping in the presence of alcohol.

21: 2018/03043. 22: 2016/11/03. 43: 2019/05/10
51: F24D; F25B; F25D
71: BASIC HOLDINGS
72: BETZ, MARTIN
33: GB 31: 1519448.3 32: 2015-11-03
33: GB 31: 1600898.9 32: 2016-01-18
54: HEAT PUMP NETWORK
00: -
A heat pump network is described. In one aspect a distributed heat pump network used in a district heating architecture is described.

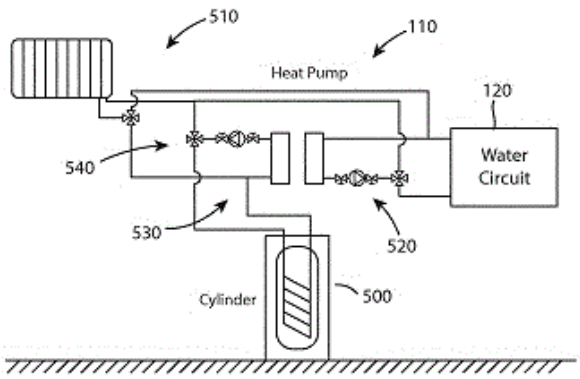


Figure 5

21: 2018/03044. 22: 2016/09/07. 43: 2019/05/23
51: C07C; C10G
71: DOW GLOBAL TECHNOLOGIES LLC
72: NIESKENS, DAVY, SANDIKCI, AYSEGUL CIFTCI, GROENENDIJK, PETER E, MALEK, ANDRZEJ
33: US 31: 62/248,585 32: 2015-10-30
54: PROCESS TO CONVERT SYNTHESIS GAS TO OLEFINS OVER A BIFUNCTIONAL CHROMIUM OXIDE/ZINC OXIDE-SAPO-34 CATALYST
00: -

A process for preparing C2 and C3 olefins comprises contacting a feedstream including hydrogen, carbon monoxide, and a bifunctional catalyst in a reaction under certain specified conditions. The catalyst includes as components (1) chromium oxide and zinc oxide mixed metal oxides, and (2) a SAPO-34 molecular sieve. The resulting product of the reaction is relatively high in the target lower olefins and relatively low in less desirable products, including C2 and C3 paraffins, C4+ hydrocarbons, oxygenates, and methane, thereby reducing or eliminating the need for certain previously common and costly separations. The bifunctional catalyst as used in the inventive process also offers improvements in catalyst life in comparison with some methanol-to-olefins catalysts. The process may be carried out as a single unit operation.

21: 2018/03045. 22: 2016/11/16. 43: 2019/05/23
51: G01K
71: PST SENSORS (PROPRIETARY) LIMITED
72: JONES, STEPHEN DAVID , JONAH, EMMANUEL OHIEKU, HARTING, MARGIT, BRITTON, DAVID THOMAS
33: ZA 31: 2015/08532 32: 2015-11-18
54: DIGITAL SENSOR
00: -
A hybrid electronic sensing component comprises an integrated circuit attached to an analogue circuit into which at least one sensing element has been integrated. The hybrid sensing component provides an output in digital form in response to a quantifiable change in its environmental conditions. The sensing functionality is separated from the data processing, which reduces the effect of self-heating due to the power consumption in the processor.

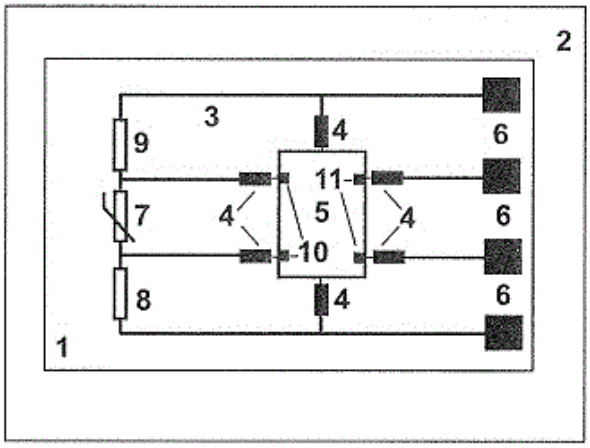
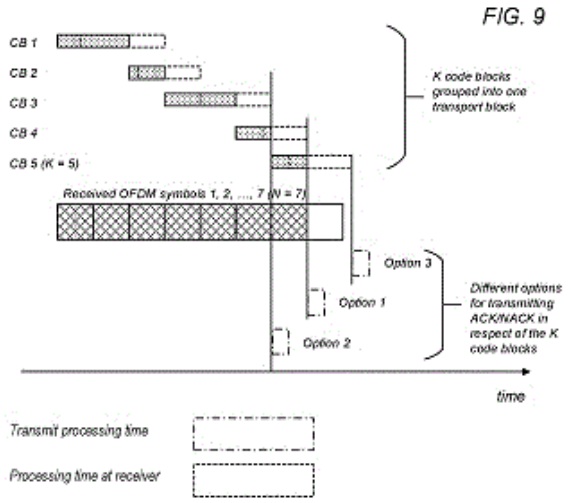


Figure 1



21: 2018/03049. 22: 2016/02/26. 43: 2019/05/23
51: H04L
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: WERNER, KARL, PARKVALL, STEFAN, BALDEMAIR, ROBERT, DAHLMAN, ERIK, BJÖRKEGREN, HÅKAN
33: US 31: 62/261,544 32: 2015-12-01

54: PREDICTIVE ACKNOWLEDGMENT FEEDBACK MECHANISM

00: -

A method implemented in a first communication node (110) for communicating with a second communication node (120) over an acknowledged connection (131), comprising: receiving a stream of code blocks from the second communication node, wherein each code block is associated with a check value enabling error detection and belongs to a predefined group of code blocks; detecting errors in received code blocks using respective associated check values; and transmitting to the second communication node an acknowledgement in respect of each of said predefined groups of code blocks, wherein a negative value of the acknowledgment signifies that an error was detected for at least one of the code blocks in the predefined group, wherein the acknowledgement for a predefined group of two or more code blocks is based on a combination of error detection results for a subset of the code blocks in the predefined group.

21: 2018/03051. 22: 2016/10/06. 43: 2019/05/23
51: E04B; F16S; F16B
71: 2ELMS PTE. LTD.
72: NG, WEE BENG, WYATT, GARY DONALD
33: SG 31: 10201508699Y 32: 2015-10-21

54: SUPPORT APPARATUS AND ITS COMPONENTS

00: -

A support apparatus 100 is disclosed herein. In a described embodiment, the support apparatus 100 comprises a connector plate 202 having a connector primary plate 204 for mounting to a support structure 104, and opposing side leg portions 210,212 integrally formed with the connector primary plate 204 and projecting from the connector primary plate 204. Each of the opposing side leg portions 210,212 includes engaging members 222 for attaching the side leg portions 210,212 to respective side walls of an elongate support member 300. A load bearing connector is also disclosed, among other components.

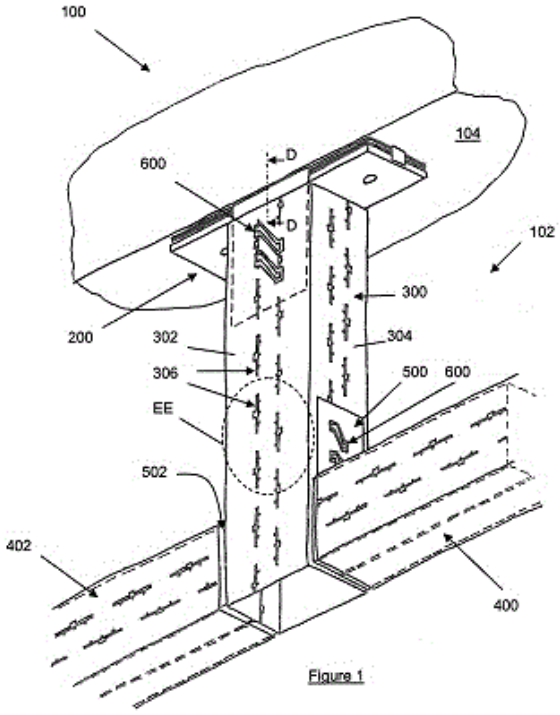


Figure 1

21: 2018/03063. 22: 2018/05/10. 43: 2019/05/13
51: A01N; C07K; C12N; C12Q
71: BOARD OF REGENTS THE UNIVERSITY OF TEXAS SYSTEM
72: CLARK, Gregory, B., ROUX, Stanley, J.
33: US 31: 62/254,543 32: 2015-11-12
33: US 31: 62/254,558 32: 2015-11-12
33: US 31: 62/360,210 32: 2016-07-08
33: US 31: 62/254,552 32: 2015-11-12

54: MODIFIED PLANTS CONTAINING COMBINATION OF APYRASE GENES AND METHOD FOR MAKING MODIFIED PLANTS WITH COMBINATION OF APYRASE GENES

00: -

The present disclosure is directed to a modified plant cell, plant tissue, plantlet, plant part, plant, and progeny thereof containing a combination of apyrase genes, including at least one modified gene and/or at least one additional apyrase gene. The disclosure is also directed to a method of making a modified plant with a modified apyrase gene and/or an additional apyrase gene. The modified plant generally exhibits at least one improved characteristic over the plant line from which it was derived. The disclosure also relates to a recombinant DNA molecule comprising a nucleotide sequence encoding an apyrase enzyme as disclosed.

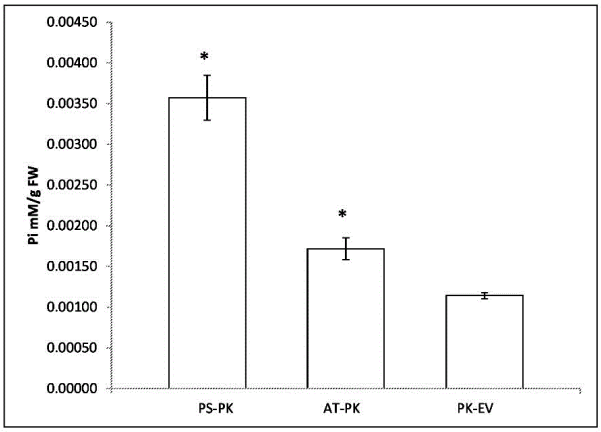


FIG. 1

21: 2018/03074. 22: 2016/10/28. 43: 2019/05/21
51: F24J; C23C
71: RIOGLASS SOLAR SYSTEMS LTD.
72: BARKAI, MENASHE
33: EP 31: 15192258.0 32: 2015-10-30

54: METHOD FOR THE DEPOSITION OF FUNCTIONAL LAYERS SUITABLE FOR HEAT RECEIVER TUBES

00: -

A method for arranging at least one functional layer suitable for a multilayer solar selective coating is disclosed in the present application. Particularly, the method provided allows depositing arrangements of conductive and dielectric layers as well as coatings of dielectrics onto a substrate. The method disclosed may be used to prepare functional coatings with optical properties such as absorbing layers, anti-reflective layers and diffusion barriers.

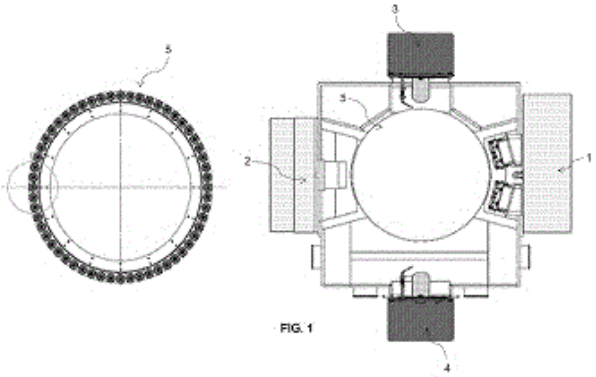
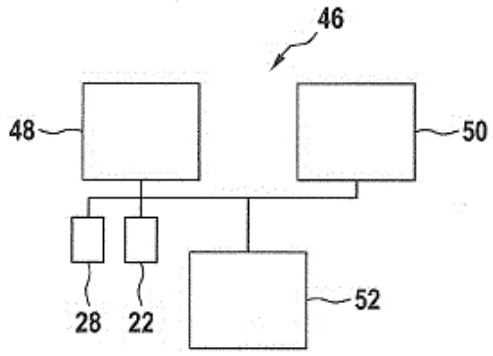


FIG. 1

21: 2018/03078. 22: 2016/12/01. 43: 2019/05/23
51: G01S; G05B; B66B
71: INVENTIO AG
72: STUDER, CHRISTIAN, ZIMMERLI, PHILIPP, KUSSEROW, MARTIN
33: EP 31: 15197608.1 32: 2015-12-02
54: MONITORING AND/OR REGISTERING A POSITION OF A TOOL IN AN ELEVATOR SHAFT
00: -
A system (46) for monitoring and/or registering a position of a tool (10) in an elevator shaft (30) comprises a position measuring system (48) for measuring a position of the tool (10) relative to an elevator car (34); an elevation measuring system (50) for measuring an elevation of the elevator car (34) in the elevator shaft (30); and an evaluation system (52) designed to receive measured data from the position measuring system (48) and the elevation measuring system (50) and determine a position of the tool (10) relative to the elevator shaft (30) from the measured data.

Fig. 3



21: 2018/03093. 22: 2018/05/11. 43: 2019/06/18
51: B01J; F22D
71: Beijing Qing Chuang Jin Hua Technology Co., Ltd
72: Hongbo MA, Jun YUE, Shuai WANG
33: CN 31: 2018103548571 32: 2018-04-19
54: SELF BALANCED LIQUID LEVEL GASIFICATION FURNACE WITH WASTE BOILER
00: -
The present invention relates to a self balanced liquid level gasification furnace with a waste boiler. The gasification furnace includes an outer shell and an internal assembly. The outer shell has a multi channel burner on the top and a slag outlet on the bottom, the internal assembly part successively includes a gasification section, a radiation section, a scrubbing section and a slag pool from top to bottom. The gasification furnace may use coal with high ash melting point to produce crude coal gas, and recycles burning crude coal gas in the form of steam in the radiation section. Additionally the liquid level of the gasification furnace equipment may remain basically constant through the structural configuration of the scrubbing section of the gasification furnace without manual intervention. The scrubbing section is provided with a baffled channel assembly, the crude coal gas is separated from the ash slag in the scrubbing section, the slag enters the slag pool, and the separated crude coal gas enters the downstream after leaving the gasification furnace, so as to fundamentally ensure the safety of gasification furnace operation.

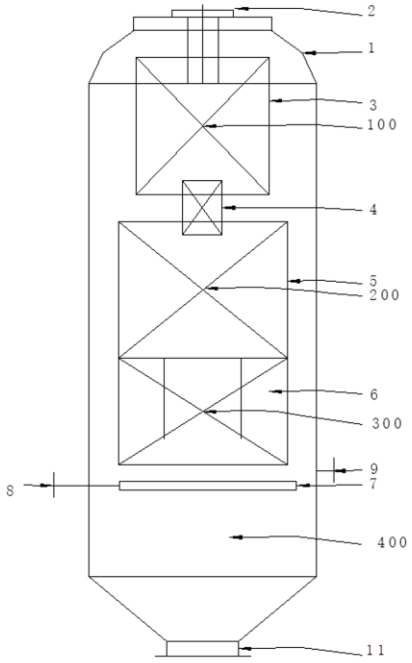


Fig 1

21: 2018/03094. 22: 2013/12/20. 43: 2019/05/23
51: A63F
71: BALLY GAMING, INC.
72: CZYZEWSKI, ZBIGNIEW, WADDS, NATHAN, BAJORINS, DAVID, FOX, DANIEL

33: US 31: 61/751,780 32: 2013-01-11
33: US 31: 13/829,843 32: 2013-03-14

54: BET SENSORS, GAMING TABLES WITH ONE OR MORE BET SENSORS, AND RELATED METHODS

00: -

A bet sensor that includes a bet placement surface, an image sensor and a processor. The placement surface is configured and oriented to support a stack of gaming tokens. The image sensor is configured and oriented to capture an image of a lateral side surface of a gaming token located on the bet placement surface and wherein the image sensor is configured to capture an image depicting the lateral side surface of the gaming token about a majority of a circumference of the gaming token. The processor is in communication with the image sensor, and the processor is configured to acquire image data from the image and analyze the image data to determine a wager value of the gaming token.

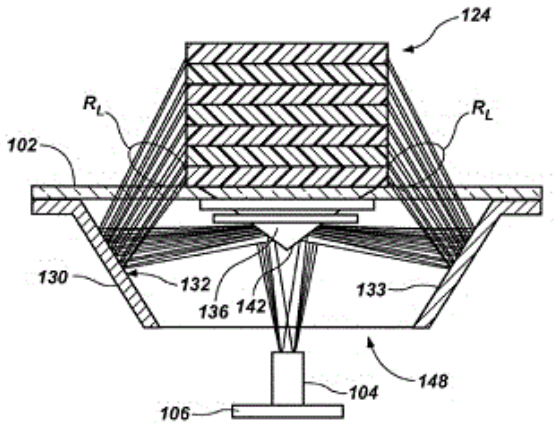


FIG. 7

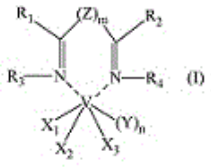
21: 2018/03111. 22: 2016/12/23. 43: 2019/05/23
51: C08F
71: VERSALIS S.P.A.
72: RICCI, GIOVANNI, LEONE, GIUSEPPE, SOMMAZZI, ANNA, MASI, FRANCESCO
33: IT 31: 102015000087762 32: 2015-12-24

54: PROCESS FOR THE PREPARATION OF (CO) POLYMERS OF CONJUGATED DIENES IN THE PRESENCE OF A CATALYTIC SYSTEM COMPRISING A VANADIUM BIS-IMINE COMPLEX

00: -

Process for the preparation of (co) polymers of conjugated dienes comprising polymerizing at least one conjugated diene in the presence of a catalytic system comprising at least one vanadium bis-imine complex having the general formula (I) : wherein : m is 0 or 1; Z represents a -CR_5R_6 group wherein R_5 and R_6, equal to or different from each other, represent a hydrogen atom; or a C_1-C_{20} alkyl group, preferably C_1-C_{15}, linear or branched; or a bivalent aromatic group optionally substituted; R_1 and R_2 equal to or different from each other, represent a hydrogen atom; or they are selected from C_1-C_{20} alkyl groups, preferably C_1-C_{15}, linear or branched, optionally halogenated, cycloalkyl groups optionally substituted; or R_1 and R_2, may be optionally bound each other so as to form, together with the other atoms which they are bound to, a cycle containing from 4 to 6 carbon atoms, saturated, unsaturated, or aromatic, optionally substituted by C_1-C_{20} alkyl groups, preferably C_1-C_{15}, linear or branched, said cycle optionally containing heteroatoms such as, for example, oxygen, sulfur, nitrogen, silicon, phosphorus, selenium; R_3 and R_4, equal to or different from each other, represent a hydrogen atom; or they are selected from C_1-C_{20} alkyl groups, preferably C_1-C_{15}, linear or branched, optionally halogenated, cycloalkyl groups optionally substituted, aryl groups optionally substituted; or R_2 and R_4, may be optionally bound each other so as to form, together with the other atoms which they are bound to, a cycle containing from 3 to 6 carbon atoms, saturated, unsaturated, or aromatic, optionally substituted by C_1-C_{20} alkyl groups, preferably C_1-C_{15}, linear or branched, said cycle optionally containing other heteroatoms such as, for example, oxygen, sulfur, nitrogen, silicon, phosphorus, selenium; or R_1 and R_3, may be optionally bound each other so as to form, together with other atoms which they are bound to, a cycle containing from 3 to 6 carbon atoms, saturated, unsaturated, or aromatic, optionally substituted by C_1-C_{20}alkyl groups, preferably C_1-C_1, linear or branched, said cycle optionally containing other heteroatoms such as oxygen, sulfur, nitrogen, silicon, phosphorus, selenium; X_1, X_2 and X_3, equal to or different from each other, represent a halogen atom such as, for example, chlorine, bromine, iodine, preferably chlorine; or they are selected from C_1-C_{20} alkyl groups, preferably C_1-C_{15}, linear or branched, -$OCOR_7$ groups or -OR_7 groups wherein R_7 is selected from C_1-C_{20} alkyl groups, preferably C_1-C_{15}, linear or branched; Y is selected from ethers

such as, for example, diethylether, tetrahydrofuran (THF), dimethoxyethane, preferably is tetrahydrofuran (THF); n is 0 or 1.



(I)

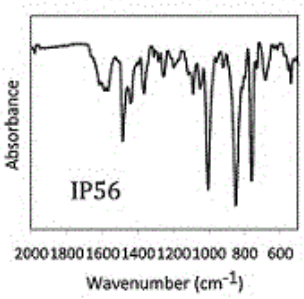


Fig. 1

21: 2018/03112. 22: 2016/11/10. 43: 2019/05/23
51: B01D; C07C
71: EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, GEORGIA TECH RESEARCH CORPORATION
72: MCCOOL, BENJAMIN A, DECKMAN, HARRY W, LIVELY, RYAN P, KOH, DONG-YEUN, PARTRIDGE, RANDALL D
33: US 31: 62/254,792 32: 2015-11-13
33: US 31: 62/367,175 32: 2016-07-27
33: US 31: 62/367,168 32: 2016-07-27

54: REVERSE OSMOSIS MEMBRANES AND SEPARATIONS

00: -

Asymmetric membrane structures are provided that are suitable for various types of separations, such as separations by reverse osmosis. Methods for making an asymmetric membrane structure are also provided. The membrane structure can include at least one polymer layer. Pyrolysis can be used to convert the polymer layer to a porous carbon structure with a higher ratio of carbon to hydrogen.

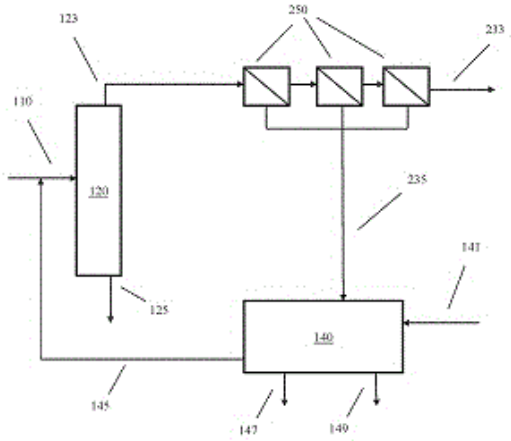


FIG. 2

21: 2018/03113. 22: 2016/11/10. 43: 2019/05/23
51: B01D; C07C
71: EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, GEORGIA TECH RESEARCH CORPORATION
72: MCCOOL, BENJAMIN A, DECKMAN, HARRY W, LIVELY, RYAN P, KOH, DONG-YEUN
33: US 31: 62/367,168 32: 2016-07-27
33: US 31: 62/367,175 32: 2016-07-27
33: US 31: 62/254,792 32: 2015-11-13

54: HYDROCARBON REVERSE OSMOSIS MEMBRANES AND METHOD OF MANUFACTURE THEREOF

00: -

Asymmetric membrane structures are provided that are suitable for various types of separations, such as separations by reverse osmosis. Methods for making an asymmetric membrane structure are also provided. The membrane structure can include at least one polymer layer. Pyrolysis can be used to convert the polymer layer to a porous carbon structure with a higher ratio of carbon to hydrogen.

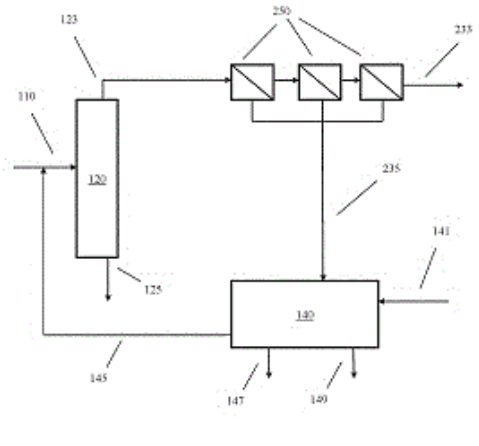
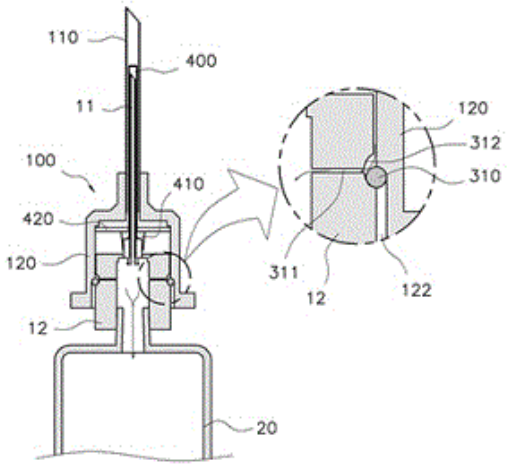


FIG. 2

21: 2018/03116. 22: 2016/10/27. 43: 2019/05/23
51: A61M
71: RA, YONG-KUK
72: RA, YONG-KUK
33: KR 31: 10-2015-0154818 32: 2015-11-04
54: SYRINGE
00: -

The present invention relates to a syringe, and more particularly, to an apparatus obtained by improving an conventional syringe formed with an injection flow passage including an injection needle, so as to share a portion of the injection flow passage except the injection needle or to form a suction flow passage completely independent of the injection flow passage, thereby further smoothing suction of a liquid medicine. The syringe includes an injection needle (10) and a cylinder (20) and is formed with an injection flow passage formed from the cylinder (20) to the injection needle (10). The syringe further includes an opening/closing means (400) for selectively opening or closing the injection flow passage; and a suction flow passage formed from a pointed hollow cap (100) to the cylinder (20) and provided with a through-hole formed in any one of the injection needle (10), a connector (500) for connecting the injection needle (10) to the cylinder (20), and the cylinder (20) to establish communication between an inside and an outside thereof and a one-way valve means (300) for intermittently controlling opening or closing of the through-hole. The syringe is configured such that the separate suction flow passage bypassing the injection needle is formed in an conventional syringe to more smoothly perform the suction of the liquid medicine, thereby maximizing user's convenience and marketability of the product.

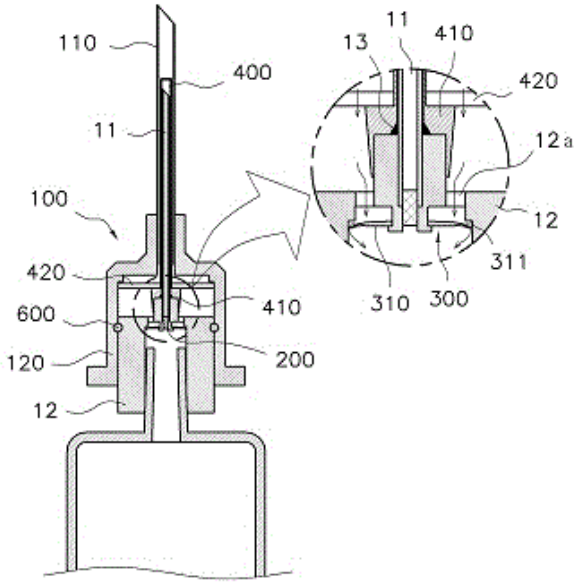
FIG 2



21: 2018/03118. 22: 2016/10/27. 43: 2019/05/23
51: A61M
71: RA, YONG-KUK
72: RA, YONG-KUK
33: KR 31: 10-2015-0152688 32: 2015-10-30
54: FILTERING SYRINGE
00: -

The present invention relates to a filtering syringe, and more particularly, to an apparatus obtained by improving a syringe provided with a filter means for filtering foreign substances such as glass fragments of an ampoule, so as to prevent the foreign substances from being injected together with a liquid medicine while allowing the liquid medicine to be smoothly sucked and injected with a small force, especially even though a filter means having micro-pores is employed. The filtering syringe includes an injection needle (10), a cylinder (20) and a plunger (30) and further includes a suction flow passage formed from a pointed hollow cap (100) to the cylinder (20) and provided with a one-way valve means (300); and an injection flow passage formed from the cylinder (20) to the injection needle (10) and provided with a detachable opening/closing means (400) for selectively opening and closing the injection needle (10) and a filter means (200) for filtering out foreign substances from a liquid medicine, wherein the injection flow passage and the suction flow passage share portions of the flow

passages or the injection flow passage is formed independently of the suction flow passage, whereby a flow passage portion from the filter means (200) to the injection needle (10) in the injection flow passage is formed independently of the suction flow passage. The filtering syringe is configured such that the filter means is provided in the injection flow passage to prevent the foreign substances from being injected together with the liquid medicine while enabling the liquid medicine to be more smoothly sucked and injected despite employing the filter means having the micro-pores, thereby maximizing user's convenience and marketability of the syringe.



21: 2018/03159. 22: 2018/05/14. 43: 2019/05/23
51: C04B C08F C09D
71: BASF SE
72: TISSIER, Nicolas, MOLLAT DU JOURDIN, Xavier, DENU, Hans-Jürgen
33: EP 31: 15002992.4 32: 2015-10-20
54: COATING COMPOSITIONS FOR COATING FIBRE CEMENT BOARD
00: -
The present invention relates to the use of coating compositions for coating fibre cement boards, which contain at least one acrylate based aqueous polymer dispersions as a binder. The present invention further relates to specific acrylate based aqueous polymer dispersions and to a process for preparing these specific acrylate based aqueous polymer dispersions.

21: 2018/03163. 22: 2016/10/11. 43: 2019/05/23
51: G02C
71: ESSILOR INTERNATIONAL
72: ROUSSEAU, BENJAMIN, HESLOUIS, MÉLANIE, FRICKER, SÉBASTIEN
33: EP 31: 15306644.4 32: 2015-10-15
54: AN OPHTHALMIC PROGRESSIVE ADDITION LENS FOR A MYOPIC AND PRESBYOPIC WEARER; METHOD FOR PROVIDING SUCH A LENS
00: -
An ophthalmic progressive addition lens for a myopic and presbyopic wearer; method for providing such a lens. An ophthalmic progressive addition lens for a myopic and presbyopic wearer having a mean refractive power, PPO(α, β), a module of resulting astigmatism, ASR(α, β), an acuity loss value ACU(α, β), where said (α, β) functions are determined in as-worn conditions of the lens by the wearer, and a first acuity criterion, AcuityCriterion1 which fulfils following requirement: AcuityCriterion1 ≥ 1340 $D^2.deg^2$, and where: AcuityCriterion1 is defined as a combination of PPO(α, β), ASR(α, β), ADD_p, and ACU(α, β).

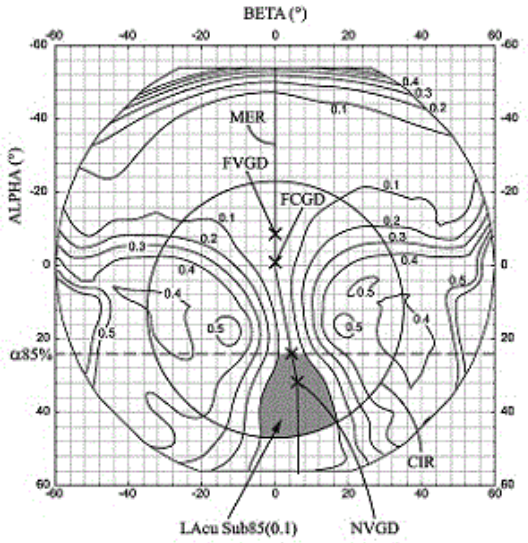


FIG. 4

21: 2018/03164. 22: 2016/10/11. 43: 2019/05/23
51: G02C
71: ESSILOR INTERNATIONAL
72: ROUSSEAU, BENJAMIN, HESLOUIS, MÉLANIE, FRICKER, SÉBASTIEN, LAKHCHAF, NACER, ESCALIER, GUILHEM, BONNIN,

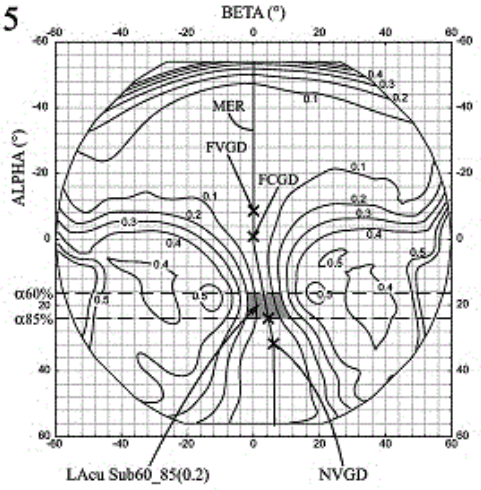
THIERRY, POULAIN, ISABELLE, JOLIVET, VALÉRIE, WIERZBICKI, JULIETTE
33: EP 31: 15306644.4 32: 2015-10-15
33: EP 31: 15306655.0 32: 2015-10-15
33: EP 31: 16305312.7 32: 2016-03-21
33: EP 31: 15306646.9 32: 2015-10-15

54: AN OPHTHALMIC PROGRESSIVE ADDITION LENS FOR A MYOPIC OR EMMETROPIC PRESBYOPIC WEARER; METHOD FOR PROVIDING SUCH A LENS

00: -

An ophthalmic progressive addition lens for a myopic or emmetropic presbyopic wearer which has a prescribed far vision mean refractive power a non nil prescribed addition, ADD_p, said lens having a far vision reference point, a mean refractive power, PPO(α, β), a module of resulting astigmatism, ASR(α, β), a meridian line, ML(α, β), said (α, β) functions being determined in as-worn conditions of the lens by the wearer for gaze directions (α, β) joining the center of rotation of the eye, CRE, and the lens, where α is a lowering angle in degree and β is an azimuth angle in degree, and wherein a lens criterion, A1/A2, fulfils following requirement: A1/A2 ≥ 0.50, where: A1 = α100% - α85%; A2 = α100% - α60%.

FIG. 5



21: 2018/03167. 22: 2016/11/14. 43: 2019/05/23
51: A61K
71: CHIESI FARMACEUTICI S.P.A.
72: CAFIERO, CLAUDIO, ORTENZI, LEONARDO
33: EP 31: 15194661.3 32: 2015-11-16

54: A PROCESS FOR PREPARING A DRY POWDER FORMULATION COMPRISING AN ANTICHOLINERGIC, A CORTICOSTEROID AND A BETA-ADRENERGIC

00: -

The invention relates to a dry powder formulation for inhalation comprising a combination of an anti-cholinergic, a long-acting beta2-adrenoceptor agonist, and,optionally, an inhaled corticosteroid, and to a process for preparation thereof.

21: 2018/03168. 22: 2016/11/14. 43: 2019/05/23
51: A61K
71: CHIESI FARMACEUTICI S.P.A.
72: CAFIERO, CLAUDIO, ORTENZI, LEONARDO, SCHIARETTI, FRANCESCA
33: EP 31: 15194660.5 32: 2015-11-16

54: A PROCESS FOR PREPARING A DRY POWDER FORMULATION COMPRISING AN ANTICHOLINERGIC, A CORTICOSTEROID AND A BETA-ADRENERGIC

00: -

The invention relates to a dry powder formulation for inhalation comprising a combination of an anti-cholinergic, a long-acting beta2-adrenoceptor agonist, and a corticosteroid, and to a process for preparation thereof.

21: 2018/03169. 22: 2016/11/11. 43: 2019/05/23
51: C12N
71: COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
72: GARG, ROMA, BRAHMA, VIJAYA, VERMA, LATA, SAHNI, GIRISH
33: IN 31: 3690/DEL/2015 32: 2015-11-12

54: CELLULASE DERIVED FROM METAGENOMICS

00: -

The present invention relates to a novel endoglucanase gene (GH5 family) from the soil metagenome. More specifically, this invention provides a recombinant plasmid and the recombinant hosts for the expression of novel gene sequence having cellulase activity. The cellulase in the invention has high specific activity towards β-1,4 linkages in substrates such as carboxy-methyl cellulose and barley-β-glucan *etc*. This novel cellulase can have many industrial applications eg. food and feed industry, detergent, textile and biofuel industry *etc*.

21: 2018/03170. 22: 2016/10/15. 43: 2019/05/23
51: B27N; E04C
71: ULTRACELL INSULATION, LLC
72: STRIMLING, JONATHAN
33: US 31: 62/242,645 32: 2015-10-16
54: CELLULOSE-BASED INSULATION AND METHODS OF MAKING THE SAME
00: -
A cellulose-based fire resistant insulation and related method for making the same. The insulation includes a plurality of superstructures that establish voids in the insulation. The insulation may be blown in place while the superstructures maintain the void portion of the insulation. The insulation is made with fiber residuals, either alone or in combination with other cellulosic materials. The method of making the insulation includes the steps of treating the cellulosic materials with a fire retardancy chemical or chemicals and creating bonds between the fibers to form the superstructures.

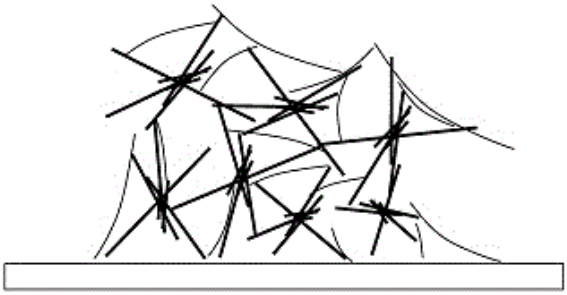


FIG. 5

21: 2018/03177. 22: 2018/05/14. 43: 2019/05/10
51: A61C; C22C; C22F
71: FKG Dentaire SA
72: ROUILLER, Jean-Claude
33: US 31: 14/930,844 32: 2015-11-03
54: ENDODONTIC INSTRUMENT FOR DRILLING THE ROOT CANALS OF A TOOTH
00: -
A method of forming a dental tool or instrument having a memorized shape. The method comprises selecting a nitinol wire having an initial transition temperature below room temperature; grinding the nitinol wire to form the dental tool or instrument so as to have a shank, located adjacent a first end, and a working area, with at least one cutting edge, located adjacent an opposite second leading end; molding the working area into a molded shape having at least one protrusion formed therein; heating the dental tool or instrument to both: a) alter the initial transition temperature of the dental tool or instrument to a final transition temperature, and b) memorize the molded shape including the at least one protrusion so that the dental tool or instrument will automatically return to the molded shape having the at least one protrusion when at a temperature at or above the final transition temperature

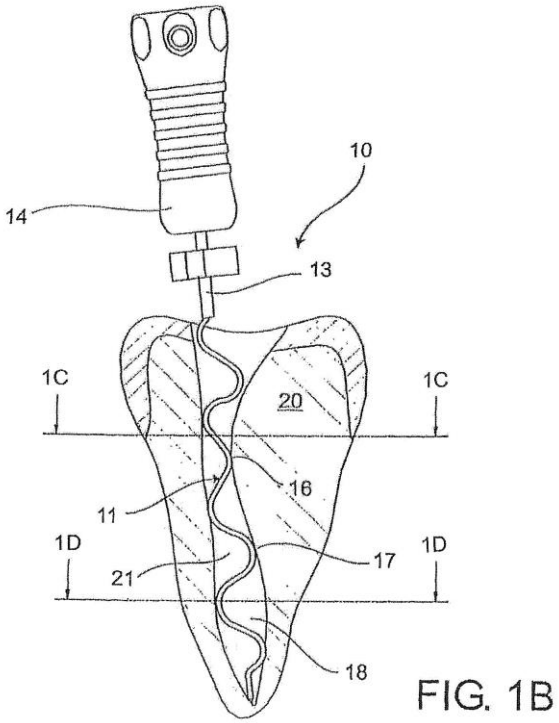


FIG. 1B

21: 2018/03192. 22: 2015/04/22. 43: 2019/05/23
51: G07F
71: BALLY GAMING, INC.
72: HELGESEN, JAMES P, NELSON, TROY D, ZVERCOV, VLADISLAV
33: US 31: 14/260,042 32: 2014-04-23
54: WAGER RECOGNITION SYSTEM HAVING AMBIENT LIGHT SENSOR AND RELATED METHOD
00: -
A token sensor assembly for detecting presence of a token in variable lighting conditions, includes a container, a translucent cover, a passive ambient light sensor and a plurality of light sources. The container has side walls that define an inside perimeter and an outside perimeter between a top end and a bottom end of the container. The translucent cover is coupled to the top end of the

container, and is configured to pass wavelengths of a predetermined range within the visible spectrum for transmission through the translucent cover. The passive ambient light sensor is disposed on a circuit board within the container and is configured to: (i) operate in a high gain mode within variable light conditions having a light range of 11 lumens per square meter (lux) to at least 400 lux; (ii) generate a signal responsive to detecting an absence of light entering the container when a token is placed on the translucent cover; (iii) transmit the signal indicative of placement of the token on the translucent cover to a game controller. The light sources are operably coupled with the passive ambient light sensor and are configured to provide a visual indication of a wager responsive to the signal. The token sensor assembly is configured to poll a condition of the passive ambient light sensor if the plurality of light sources is off and not poll the condition of the passive ambient light sensor if the plurality of light sources is on.

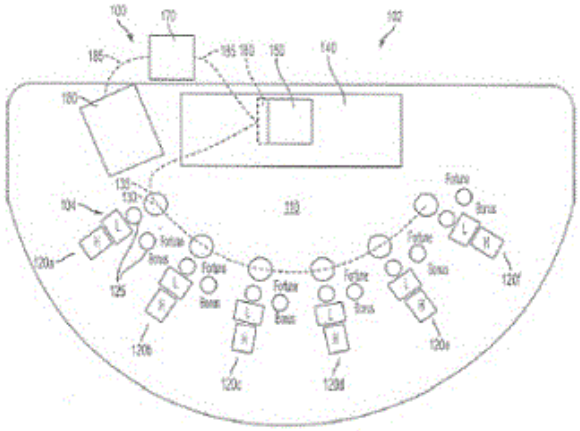
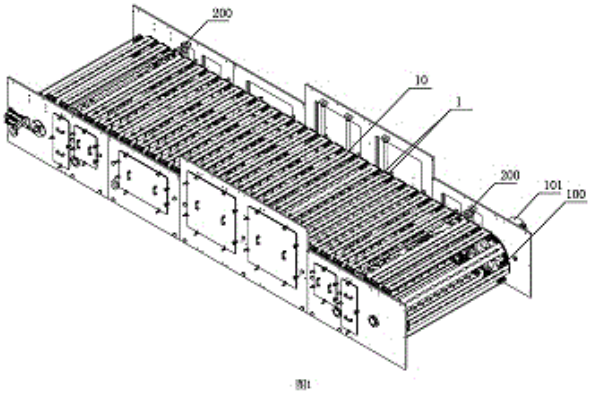


FIG. 1

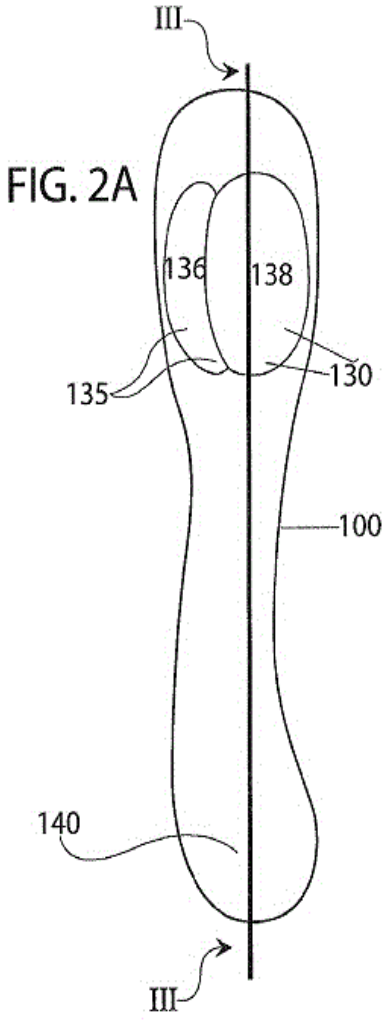
21: 2018/03210. 22: 2016/09/14. 43: 2019/05/23
51: B67C; B65G
71: HANGZHOU YOUNGSUN INTELLIGENT EQUIPMENT CO., LTD.
72: LUO, BANGYI, ZHANG, ZIQUAN, WANG, LEICHUN, ZHOU, XIAOHUI
33: CN 31: 201510738538.7 32: 2015-11-04
33: CN 31: 201520874166.6 32: 2015-11-04
33: CN 31: 201520868786.9 32: 2015-11-04
54: BOTTLE CONVEYOR, BOTTLE GRIPPER MECHANISM, BOTTLE GRIPPER ASSEMBLY FOR FILLING MACHINE
00: -

A bottle conveyor for a filling machine comprises multiple pairs of bottle-gripping members (1) and a circulating chain conveyor mechanism, and a pair of bottle-gripping members (1) is mounted, via an open-close modular mechanism, to a conveyor chain (100) of the circulating chain conveyor mechanism. The open-close modular mechanism is provided with a rotary support capable of being opened as a V-shape, a synchronization mechanism configured to define the opened V-shape, an elastic mechanism configured to provide a bottle-gripping force to the bottle-gripping member (1) and a self-restoring force for the opened V-shape, and an external force import mechanism. A mechanism configured to open the bottle-gripping members (1) is provided respectively at a bottle entrance location and a bottle exit location of the bottle conveyor, and the mechanism configured to open the bottle-gripping members (1) cooperates with the external force import mechanism to provide an external force. The bottle conveyor can rapidly open or close the bottle-gripping members on the circulating chain conveyor mechanism directly, thus improving the conveyance efficiency and speed, alleviating loading of a motor, and simplifying the structure of a robotic arm and the structure for opening or closing the bottle-gripping members in the filling machine.



21: 2018/03211. 22: 2016/05/24. 43: 2019/05/23
51: A43B
71: HBN SHOE, LLC
72: HUGHES, BRIAN G R, DANANBERG, HOWARD
33: US 31: 15/057,925 32: 2016-03-01
54: DEVICE FOR HIGH-HEELED SHOES AND METHOD OF CONSTRUCTING A HIGH-HEELED SHOE

00: -
Provided is a device for insertion into a high heel shoe, having a rear region positioned to underlying a wearer's calcaneal tuberosity, the rear region being shaped to accommodate a planer surface of the wearer's calcaneal tuberosity, an upper surface of said rear region having a raised portion underlying an area of the wearer's calcaneus immediately forward of the wearer's calcaneus tuberosity; and a forward region positioned to underlie at least a portion of the shafts of the wearer's metatarsals, the second upper surface of said forward region having a raised portion which gradually rises to an apex position to underlie the shafts of the wearer's second and third metatarsals.



21: 2018/03214. 22: 2016/11/16. 43: 2019/05/23
51: C07D; A61P; A61K; C07K
71: AUSTRALIAN BIOMEDICAL CO. PTY LTD
72: JIN, BETTY, SEAH, EE-LING, JONES, PAUL ARTHUR, JENKINS, PETER JAMES, WINDLE, HENRY KENNETH, WU, WEN YANG
33: AU 31: 2015904895 32: 2015-11-20
54: COMPOUNDS FOR MEDICINAL APPLICATIONS
00: -
The present invention provides compounds for use in treating and/or preventing influenza. The compound comprises a first and second domain in which the first domain comprises at least one anchoring group which binds to the surface of influenza viruses and the second domain comprises at least one anionic group. The first and second domains are covalently linked. Also provided are pharmaceutically acceptable salts, solvates, prodrugs or stereoisomer of the compounds.

21: 2018/03215. 22: 2016/11/23. 43: 2019/05/23
51: A47J
71: CAFFITALY SYSTEM S.P.A.
72: DIAMANTI, MAURIZIO, CHANINE, VALERIY
33: IT 31: 102015000084746 32: 2015-12-17
54: APPARATUS FOR MAKING A BEVERAGE, IN PARTICULAR FOR A BEVERAGE CONTAINING MILK
00: -
This disclosure relates to an apparatus (1) for making a beverage, in particular a beverage containing milk. The apparatus (1) comprises a machine body, a milk container (2) and a milk frothing device (3) for mixing milk with air and steam. The milk frothing device (3) is removably mountable in a seat (10) in an outer wall (11) of the machine body. The milk container (2) is removably couplable to the milk frothing device (3). The apparatus (1) also comprises a locking member (5) for locking the milk frothing device (3) in the mounted condition. The milk container (2) interacts with the locking member (5) in such a way that, when the milk container (2) is coupled to the milk frothing device (3) in the mounted condition, the locking member (5) is active and prevents removal of the milk frothing device (3) from the seat (10), and in such a way that, when the milk container (2) is uncoupled from the milk frothing device (3), the locking member (5) may adopt the inactive condition for allowing removal of the milk frothing device (3) from the seat (10).

Therefore, the milk frothing device (3) and the milk container (2) in the coupled condition are not simultaneously removable from the machine body.

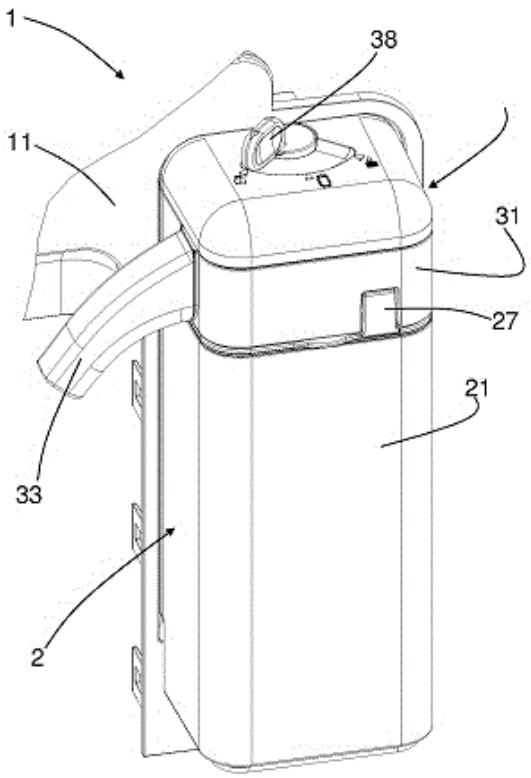


FIG. 1

21: 2018/03216. 22: 2016/10/21. 43: 2019/05/23
51: H04W
71: MUTUALINK, INC.
72: WENGROVITZ, MICHAEL S, LIPMAN, DERRELL, MAZZARELLA, JOSEPH R
33: US 31: 62/307,885 32: 2016-03-14
33: US 31: 14/919,177 32: 2015-10-21
54: WEARABLE SMART ROUTER
00: -
Embodiments include a system, method, and computer program product for a wearable smart router (WSR) that provides improved connectivity for performing interoperability gateway functions for a variety of devices. In an embodiment, the WSR receives data monitored by one or more devices within a proximity threshold via respective communication channels of the one or more devices. The WSR detects two or more connectivity paths for providing access to a wide area network. Then, the WSR monitors first statuses of the one or more devices and respective communication channels, and second statuses of the two or more connectivity paths. Based on the monitored first and second statuses, the WSR selects one of detected connectivity paths. Then, the WSR communicates the monitored data to an agency via the selected connectivity path.

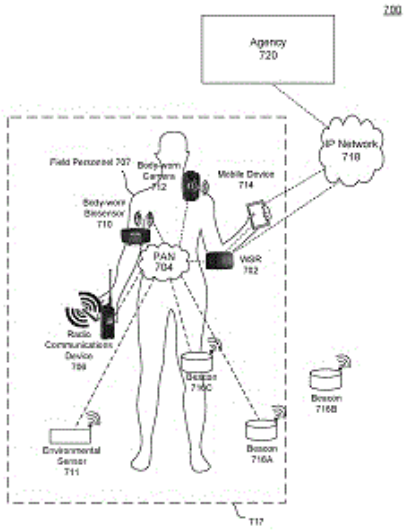


FIG. 7

21: 2018/03217. 22: 2017/02/24. 43: 2019/05/23
51: H04W; H04L
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: MUKHERJEE, AMITAV
33: US 31: 62/300,719 32: 2016-02-26
54: MULTI-SUBFRAME GRANT WITH SCHEDULING OF BOTH DATA AND CONTROL CHANNELS
00: -
A method implemented in a wireless device includes receiving an uplink grant from a network node indicating to the wireless device at least one data subframe and at least one control subframe. The at least one data subframe is one where the wireless device is scheduled to transmit a channel for carrying a data stream and optional control data, and the at least one control subframe is one where the wireless device is scheduled to transmit a channel for carrying control data only. The method further includes transmitting in at least one of the at least

one data subframe and the at least one control subframe indicated by the uplink grant.

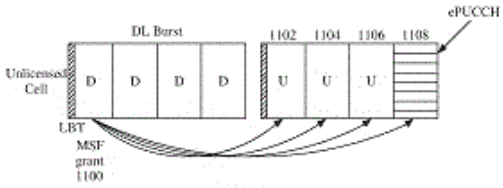


FIG. 11

21: 2018/03218. 22: 2016/11/08. 43: 2019/05/23
51: E02F
71: CATERPILLAR INC.
72: CONGDON, THOMAS M, GRAHAM, SUSAN, FISHER, BART A
33: US 31: 14/936,322 32: 2015-11-09
54: WEAR MEMBER
00: -
A wear member (100) for attachment to a surface of a machine (50) is provided, the wear member including a body (102) having an outer layer (106) and a base layer (104). The outer layer (106) including a plurality of channels (120) formed in an outer surface (105). The base layer (104) is attached to an inner surface (107) of the outer layer (106). The base layer (104) is divided into a plurality of base layer pieces (122, 124, 126), each of the plurality of base layer pieces including at least one interfacing edge (130, 140, 142). The plurality of base layer pieces are assembled together such that each interfacing edge of each of the plurality of base layer pieces is opposite an interfacing edge of another of the plurality of base layer pieces so as to define at least one gap (160, 162) therebetween.

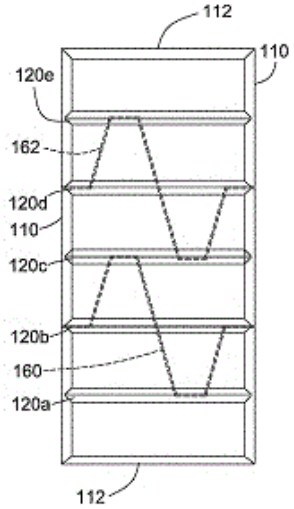
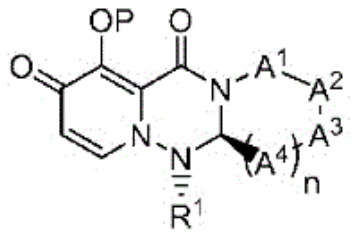


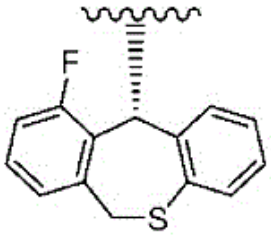
FIG. 5

21: 2018/03246. 22: 2016/12/14. 43: 2019/05/23
51: A61K; A61P
71: SHIONOGI & CO., LTD.
72: SHISHIDO, TAKAO, NOSHI, TAKESHI, YAMAMOTO, ATSUKO, KITANO, MITSUTAKA
33: JP 31: 2015-244492 32: 2015-12-15
54: MEDICINE FOR TREATING INFLUENZA CHARACTERIZED BY COMPRISING COMBINATION OF CAP-DEPENDENT ENDONUCLEASE INHIBITOR WITH ANTI-INFLUENZA DRUG
00: -
Formula (I) A medicine that is useful for treating or preventing influenza, etc., said medicine being characterized by comprising a combination of: (A) a compound represented by formula (I), a pharmaceutically acceptable salt thereof, or a solvate of the same [in formula (I): P represents a hydrogen atom or a prodrug-forming group; A^1 represents $CR^{1A}R^{1B}$, S or O; A^2 represents $CR^{2A}R^{2B}$, S or O; A^3represents $CR^{3A}R^{3B}$, S or O; A^4's independently represent $CR^{4A}R^{4B}$, S or O; (wherein: the ring-constituting atoms of the ring formed by A^1, A^2, A^3, A^4's, the nitrogen atom adjacent to A^1 and the carbon atom adjacent to A^4's include 1 or 2 hetero atoms; R^{1A} and R^{1B}independently represent a hydrogen atom, halogen, alky, etc.; R^{2A} and R^{2B} independently represent a hydrogen atom, halogen, alky, etc.; R^{3A} and R^{3B} independently represent a hydrogen atom, halogen, alky, etc.; R^{4A}'s independently represent a hydrogen atom, halogen, alky, etc.; R^{4B}'s independently represent a hydrogen

atom, halogen, alky, etc.; and R^{3A} and R^{3B} may form, together with the carbon atom adjacent thereto, a non-aromatic carbon ring or a non-aromatic heterocyclic ring); n is an integer of 1-2; and R^1 is a group represented by formula (2), etc.]; with (B) a compound having an anti-influenza effect, a pharmaceutically acceptable salt thereof, or a solvate of the same, and/or an antibody having an anti-influenza effect.



(I)



(II)

21: 2018/03248. 22: 2016/10/27. 43: 2019/05/23
51: C07C
71: DOW TECHNOLOGY INVESTMENTS LLC
72: SMITH, GERALD L, SIMPSON, KATHLEEN
33: US 31: 62/253,353 32: 2015-11-10
54: PROCESS FOR PRODUCING ALDEHYDES
00: -
The present invention relates generally to processes for producing aldehydes wherein an olefinic compound, carbon monoxide, and hydrogen are reacted in the presence of a solubilized rhodium-phosphorous complex. In one embodiment, the process comprises (a) receiving a vaporized aldehyde product stream downstream from a hydroformylation reactor, the vaporized aldehyde product stream comprising aldehydes, phosphorous ligand, and aldehyde condensation by-products; (b) contacting the vaporized aldehyde product stream with a partial condenser so as to condense the phosphorous ligand and the by- products, wherein up to 10 weight percent of the vaporized stream is condensed; (c) removing the condensed phosphorous ligand and the condensed by-products from the liquid condensation stream using a refining column; and (d) further processing the vaporized aldehydes from the separate refining column.

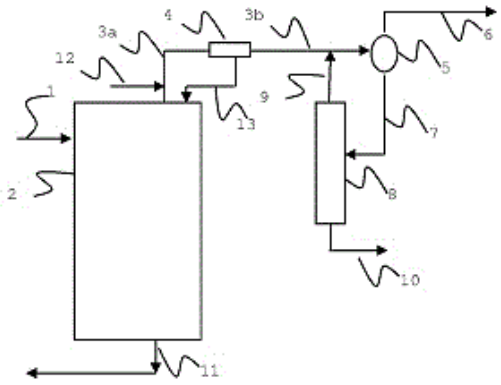
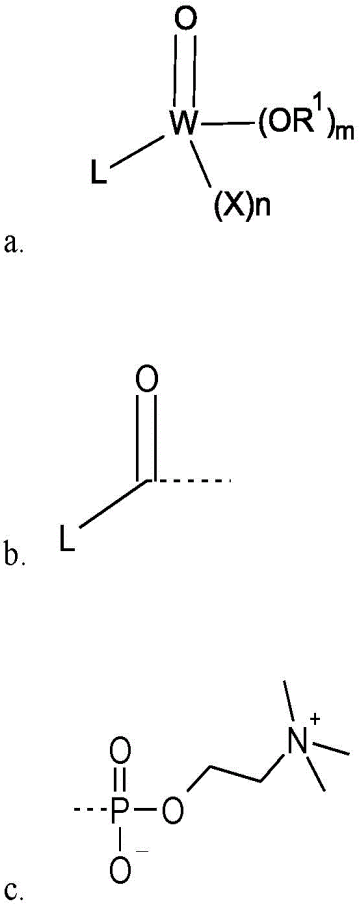


Figure 1

21: 2018/03291. 22: 2018/05/17. 43: 2019/05/09
51: C12N; C12Q
71: Syngenta Participations AG
72: KELLIHER, Timothy Joseph, DELZER, Brent, CHINTAMANANI, Satya, SKIBBE, David Stewart, CHEN, Zhongying, STARR, Dakota, WENDEBORN, Sebastian, LEDSON, Timothy Mark, FOWLER, Jeffrey David
33: US 31: 62/256,902 32: 2015-11-18
54: HAPLOID INDUCTION COMPOSITIONS AND METHODS FOR USE THEREFOR
00: -
Provided here are methods of using a mutated patatin-like phospholipase IIa ("pPLAIIa," renamed here MATRILINEAL) to induce haploid induction in plants, cloning a pPLAIIa to induce haploid induction in plants, and genetically engineering a plant to contain a mutated pPLAIIa. Also provided are methods of applying topical and spray chemicals, lipids, and RNAi molecules to plants during pollination in order to induce haploid production. Further provided are methods of chemically treating plants during pollination to induce haploids while also reducing embryo abortion and increasing seed set.

FIG. 31.

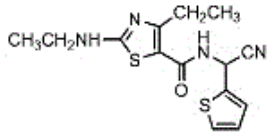


21: 2018/03299. 22: 2016/11/24. 43: 2019/05/23
51: A01N; A01P
71: SUMITOMO CHEMICAL COMPANY, LIMITED
72: INOUE, TAKUYA
33: JP 31: 2015-234484 32: 2015-12-01

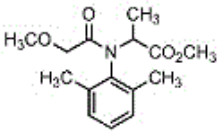
54: PLANT DISEASE CONTROL COMPOSITION, AND PLANT DISEASE CONTROL METHOD

00: -

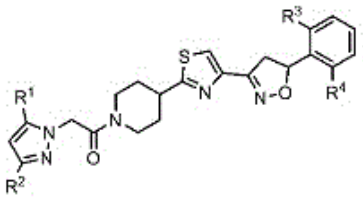
The present invention provides: a plant disease control composition having an exceptional plant disease control effect, said composition containing the compound represented by formula (1), the compound represented by formula (2), and a compound represented by formula (3) (where a combination of R^1, R^2, R^3, and R^4 represent: a combination in which R^1 is a methyl group, R^2 is a trifluoromethyl group, and R^3 and R^4 are both fluorine atoms; or a combination in which R^1 and R^2 are both difluoromethyl groups, R^3 is a chlorine atom, and R^4 is a methanesulfonyloxy group); and a plant disease control method comprising a step for applying effective amounts of the compound represented by formula (1), the compound represented by formula (2), and a compound represented by formula (3) onto plants or onto soil for cultivating the plants.



(1)



(2)



(3)

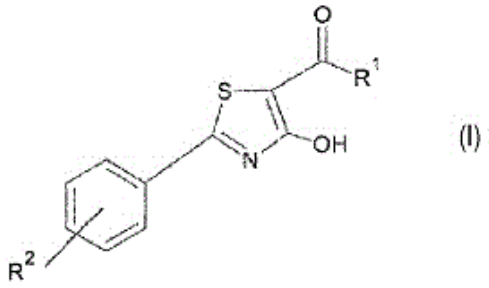
21: 2018/03300. 22: 2016/12/16. 43: 2019/05/23
51: C07D; A61P; A61K
71: DOMPE' FARMACEUTICI S.P.A.
72: ARAMINI, ANDREA, BIANCHINI, GIANLUCA, LILLINI, SAMUELE
33: EP 31: 15201788.5 32: 2015-12-21

54: 4-HYDROXY-2-PHENYL-1,3-THIAZOL-5-YL METHANONE DERIVATIVES AS TRPM8 ANTAGONISTS

00: -

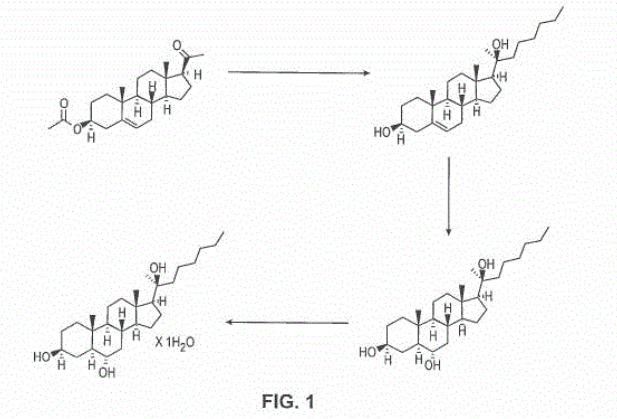
The invention relates to compounds acting as antagonists of Transient Receptor Potential cation channel subfamily M member 8 (TRPM8), and having formula (I). Said compounds are useful in the treatment of diseases associated with activity of TRPM8 such as pain, ischaemia, neurodegeneration, stroke, psychiatric disorders, itch, irritable bowel diseases, cold-induced and/or exacerbated-respiratory disorders, urological disorders, corneal disorders associated to disturbances in the production of the tears and/or

altered blinking such as epiphora and dry eye disease.

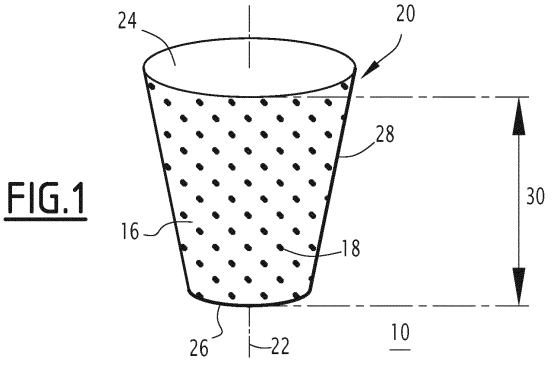


21: 2018/03301. 22: 2016/12/09. 43: 2019/05/23
51: C07D; A61K
71: RESEARCH TRIANGLE INSTITUTE
72: RUNYON, SCOTT P, MAITRA, RANGAN, NARAYANAN, SANJU, THOMAS, JAMES BARNWELL, REHDER, KENNETH S, OLEPU, SRINIVAS
33: US 31: 62/265,168 32: 2015-12-09
33: US 31: 62/265,177 32: 2015-12-09
54: IMPROVED APELIN RECEPTOR (APJ) AGONISTS AND USES THEREOF
00: -
This disclosure is directed to agonists of the apelin receptor (APJ) and uses of such agonists.

21: 2018/03316. 22: 2018/05/18. 43: 2019/05/09
51: A61K; A61P
71: Warsaw Orthopedic, Inc.
72: PECKHAM, Steven M., HARRINGTON, Roger E., JACOBS, Jebrena C.
33: US 31: 15/599,577 32: 2017-05-19
54: OXYSTEROL-STATIN COMPOUNDS FOR BONE GROWTH
00: -
Oxysterol-statin compounds and methods of synthesizing the same are provided for use in promoting osteogenesis, osteoinduction and/or osteoconduction. Methods of synthesizing in a single container OXY133-statin compounds having high yields and improved process safety are also provided. Methods for synthesizing OXY133-statin compounds that are stereoselective are also provided.



21: 2018/03326. 22: 2018/05/18. 43: 2019/06/12
51: C09K; E04C
71: CHRYSO
72: HIVERT, Jean-Jacques
33: FR 31: 1561569 32: 2015-11-30
54: LUMINESCENT INSERT FOR A CONSTRUCTION ELEMENT, ASSOCIATED ELEMENT AND MANUFACTURING METHOD
00: -
The present invention relates to a luminescent insert capable of being included in a construction element, comprising a transparent or translucent solid matrix (16), and at least one luminescent material (18) dispersed in said solid matrix, said insert defining an outer surface (20). The luminescent material is a coloured luminescent composite pigment, made up of at least one luminescent pigment and at least one dye. The present invention also relates to a construction element comprising at least one such luminescent insert.



21: 2018/03332. 22: 2017/01/07. 43: 2019/05/23

51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: PERSSON, CLAES-GÖRAN, JOHANSSON, NICKLAS, DIACHINA, JOHN WALTER
33: US 31: 15/400,878 32: 2017-01-06
33: US 31: 62/276,149 32: 2016-01-07
54: CHANGE INDICATOR FOR SYSTEM INFORMATION IN A CELLULAR INTERNET OF THINGS (CIOT) NETWORK
00: -
A radio access network node (e.g., base station subsystem) and method are described herein for indicating to a mobile station (e.g., CIoT device) which system information (SI) message(s) (if any) has changed relative to the mobile station's last reading. In addition, a mobile station (e.g., CIoT device) and method are described herein for receiving an indication that indicates which system information (SI) message(s) (if any) has changed relative to the mobile station's last reading.

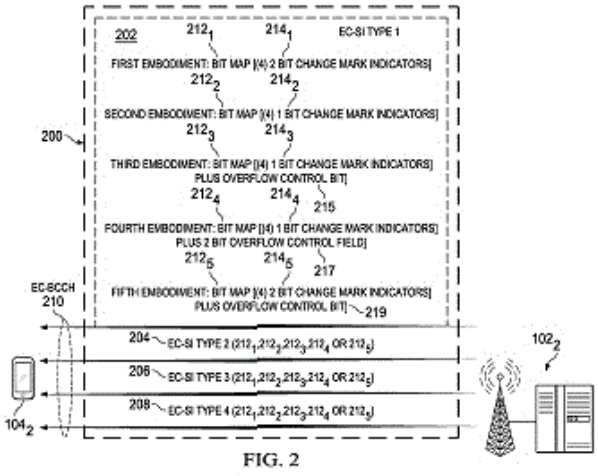


FIG. 2

21: 2018/03338. 22: 2018/05/18. 43: 2019/05/06
51: B02B
71: Roff Industries (Pty) Ltd.
72: MARAIS, Charl, RICHTER, Christian George Frederick
33: ZA 31: 2016/01649 32: 2016-03-10
54: DEGERMINATOR
00: -
A degerminator for treating grain kernels is disclosed. The degerminator includes an inner member and an outer member which are relatively rotatable about an axis of rotation and which define between them a treatment chamber. An outer surface of the inner member and an inner surface of the outer member are provided with a plurality of axially offset spaced apart protrusions.

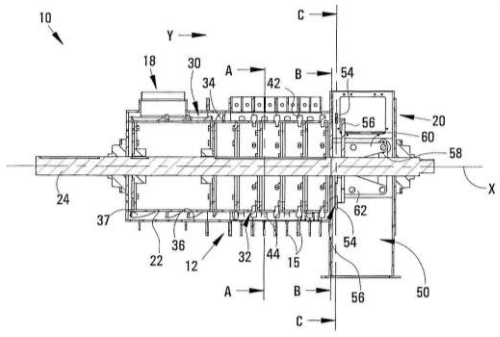
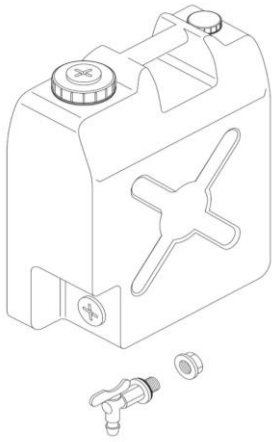


Fig. 4

21: 2018/03386. 22: 2018/05/22. 43: 2019/05/10
51: B65B
71: ANKOT PLASTICS (PTY) LTD
72: MOHAMED KHOTA
54: LIQUID CONTAINER
00: -
The invention relates to a liquid container having multiple openings of different diameter, the openings closable by means of closure members, a dispensing means insertable into any one of the openings alternatively closure members provided.



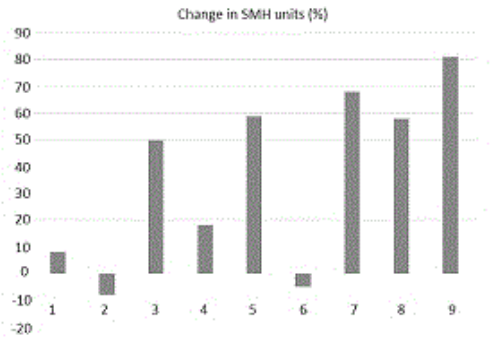
21: 2018/03400. 22: 2016/11/11. 43: 2019/05/23
51: A61K; A61Q
71: OMYA INTERNATIONAL AG
72: BUDDE, TANJA, GERARD, DANIEL E, GANE, PATRICK A C
33: EP 31: 15198112.3 32: 2015-12-04
33: US 31: 62/286,491 32: 2016-01-25

54: ORAL CARE COMPOSITION FOR REMINERALISATION AND WHITENING OF TEETH

00: -

The present invention relates to surface-reacted calcium carbonate, wherein the surface-reacted calcium carbonate is a reaction product of natural or synthetic calcium carbonate with carbon dioxide and at least one acid. Said calcium carbonate and oral compositions containing the same can be used in remineralisation and/or whitening of teeth.

Figure 1



21: 2018/03418. 22: 2018/05/23. 43: 2019/03/26

51: G06Q

71: WANG, Kevin Sunlin

72: WANG, Kevin Sunlin

54: METHOD AND SYSTEM FOR SEALED BID AUCTIONS

00: -

Disclosed herein is system and method for sealed bid auctions through the implementation of computer device, wherein an auction includes sealed bids, assigning random IDs for undisclosed real IDs, and obtaining double confirmation from both bidders and vendors. Vendors may choose to have a reserve price such as an open reserve price and a conditional hidden reserve price. The system generates random bidder IDs and allows the bidders to self- determine into two different bidding categories, where one bidding category pays the full winning bid amount and the other bidding category purchases a "price-protection policy" that allows the recalculation of the final winning bid amount based on the "price-protection formula", wherein the "price-protection formula" is calculated as a sum of the "price-protection fee", the second-highest bid amount, and the amount from a pre-determined percentage of a difference between the highest bid amount and a second-highest bid amount.

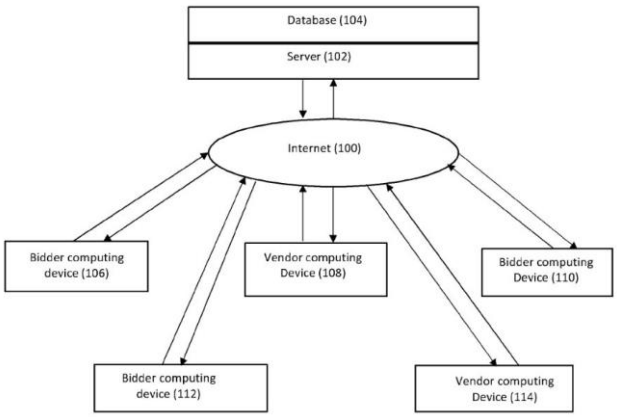


FIG. 1A

21: 2018/03442. 22: 2018/05/24. 43: 2019/05/09

51: A61K; C07K; C12N

71: Baxalta Incorporated, Baxalta GmbH

72: FALKNER, Falko-Günter, HORLING, Franziska, LENGLER, Johannes, ROTTENSTEINER, Hanspeter, SCHEIFLINGER, Friedrich

33: US 31: 62/255,323 32: 2015-11-13

54: VIRAL VECTORS ENCODING RECOMBINANT FVIII VARIANTS WITH INCREASED EXPRESSION FOR GENE THERAPY OF HEMOPHILIA A

00: -

The present disclosure provides, among other aspects, codon-altered polynucleotides encoding Factor VIII variants for expression in mammalian cells. In some embodiments, the disclosure also provides mammalian gene therapy vectors and methods for treating hemophilia A.

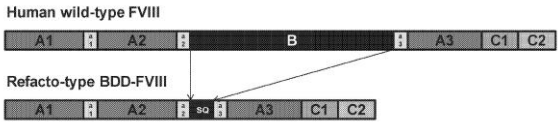


Figure 1

21: 2018/03582. 22: 2018/05/30. 43: 2019/05/09

51: A61M

71: PHILIP MORRIS PRODUCTS S.A.

72: ZUBER, Gerard

33: EP 31: 15202712.4 32: 2015-12-24

54: NICOTINE POWDER DELIVERY SYSTEM

00: -

A nicotine powder delivery system includes an inhaler article and a nicotine powder capsule disposed within the inhaler article. The nicotine

powder capsule rotates about a longitudinal axis when air flows through the inhaler article.

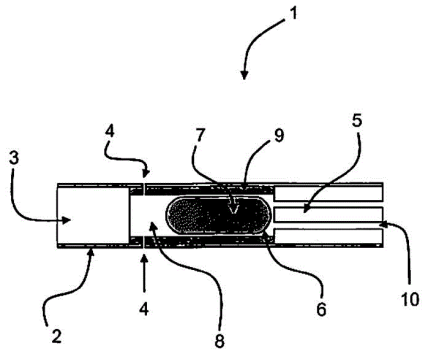
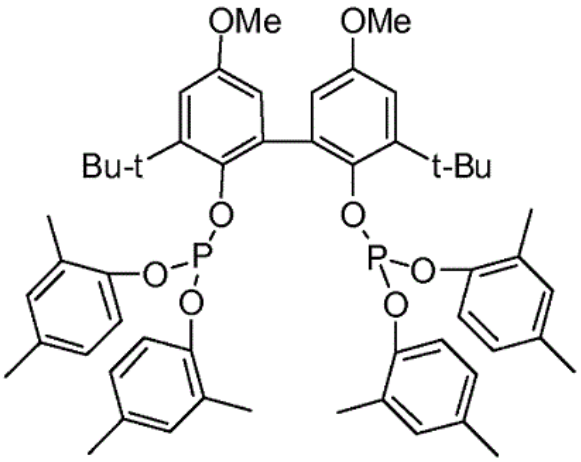


FIG. 1

21: 2018/03659. 22: 2018/06/01. 43: 2019/05/09
51: C07F C07B C07C
71: EVONIK DEGUSSA GMBH
72: DYBALLA, Katrin, Marie, FRANKE, Robert, FRIDAG, Dirk, SCHWARZ, Markus, SCHULTE-ALTHOFF, Hermann-Josef, GEILEN, Frank
33: EP 31: 15193607.7 32: 2015-11-09
54: ECONOMICAL PRODUCTION OF 2-PROPYLHEPTANOL
00: -
The production of 2-propylheptanol according to the invention is carried out by means of Rh-catalysed hydroformylation of C4-olefin to form C5-aldehyde, aldol condensation to form the C10-aldehyde and hydrogenation to form the C10-alcohol. The invention specifically relates to the hydroformylation and the ligand used therefor. The aim of the invention is to reduce the costs of 2PH production. To this end, an inexpensive catalyst system is used in the hydroformylation in order to simultaneously achieve improved regioselectivity. This catalyst system contains rhodium as the central atom and is complexed with the ligand (1).



(1)

21: 2018/03662. 22: 2018/06/01. 43: 2019/05/09
51: A61K; A61M
71: PHILIP MORRIS PRODUCTS S.A.
72: ZUBER, Gérard, VOLPE, Nicolo
33: EP 31: 16201580.4 32: 2016-11-30
33: EP 31: 15202712.4 32: 2015-12-24
54: NICOTINE PARTICLE CAPSULE
00: -
A capsule containing particles including nicotine wherein a single aperture extends through the capsule.

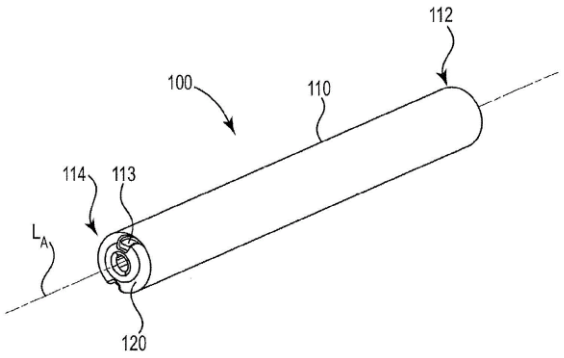


Fig. 1

21: 2018/03663. 22: 2018/06/01. 43: 2019/05/09
51: A24F
71: PHILIP MORRIS PRODUCTS, S.A.
72: MALGAT, Alexandre, LAVANCHY, Frederic, SAYGILI, Ali Murat
33: EP 31: 15203127.4 32: 2015-12-30
54: RETRACTABLE HEAT SOURCE FOR AEROSOL GENERATING ARTICLE

00: -
An aerosol generating article (100) includes a retractable heat source (130). The aerosol generating article has a tubular body (110) positioned at the proximal end (102) of the aerosol generating article. A combustible heat source is positioned at the distal end (104) of the aerosol generating article. An aerosol generating substrate (120) is downstream of the combustible heat source. The combustible heat source is slideable from an extended position to a retracted position having a shorter article length. An entire length of the combustible heat source retracts into the tubular body in the retracted position.

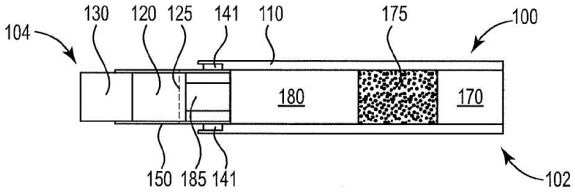


FIG. 5

21: 2018/03683. 22: 2018/05/31. 43: 2019/06/07
51: A01N; C12M
71: UPKARA, INC
72: MOHANTY PRAVANSU, CHAKRABORTY NILAY
33: US 31: 62/009 562 32: 2014-06-09
54: CAPILLARY ASSISTED VITRIFICATION PROCESSES AND DEVICES
00: -
Disclosed are devices and methods for non-cryogenic vitrification of biological materials that include the steps of providing one or more capillary channels of which a first opening is operably in contact with a moisture containing vitrification mixture made of a biological material and a vitrification agent. The capillary absorbs and transports the moisture to the second opening through capillary action, and the moisture is subsequently evaporated into a surrounding low humidity atmosphere until the vitrification mixture enters into a vitrified state.

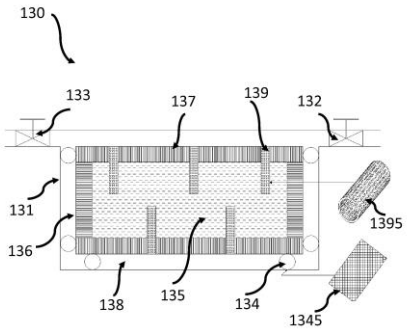


FIG. 13

21: 2018/03723. 22: 2018/06/05. 43: 2019/05/09
51: A01H; C07H; C12N
71: MONSANTO TECHNOLOGY LLC
72: ELLIS, Christine M., LARUE, Clayton T., GOLEY, Michael, E., SHAO, Aihua, QI, Qungang, THAI, Kwan, Y., LECLERE, Sherry, L.
33: US 31: 62/270,180 32: 2015-12-21
33: US 31: 62/364,715 32: 2016-07-20
54: COMPOSITIONS AND METHODS FOR EFFICIENT TARGETING OF TRANSGENES
00: -
The invention provides recombinant DNA molecules and constructs useful for providing efficient transgene sub-cellular localization of proteins in transgenic plants. Recombinant DNA molecules and constructs for conferring herbicide tolerance or resistance to plants are further provided, as well as plants exhibiting herbicide tolerance and methods for producing or utilizing such plants.

21: 2018/03823. 22: 2018/06/08. 43: 2019/05/17
51: B07B; B29D
71: WEAR QUIP MANUFACTURING (PTY) LTD
72: BEUKES, Petrus Marthinus
33: ZA 31: 2017/03956 32: 2017-06-09
54: MODULAR PANEL FOR A LINEAR VIBRATING SCREEN
00: -
A component for a modular screening panel is provided. The component comprises a screening surface having a plurality of elongate, parallel, flexible screening elements, which extend both horizontally and vertically, across the panel component. The screening elements define a plurality of rows of elongate screening apertures or slots, each elongate aperture or slot being in line or substantially in line with the flow of material over the screening panel, when fitted to a linear, vibratory screen. The apertures or slots in one particular row

is offset relative to the apertures or slots in at least one other row, so as to reduce (and preferably eliminate) the dead area seen by the material flowing over the screening surface. In an embodiment, the apertures or slots can be any shape, including square, circular or rectangular, the sizes of which would depend on the require screening application.

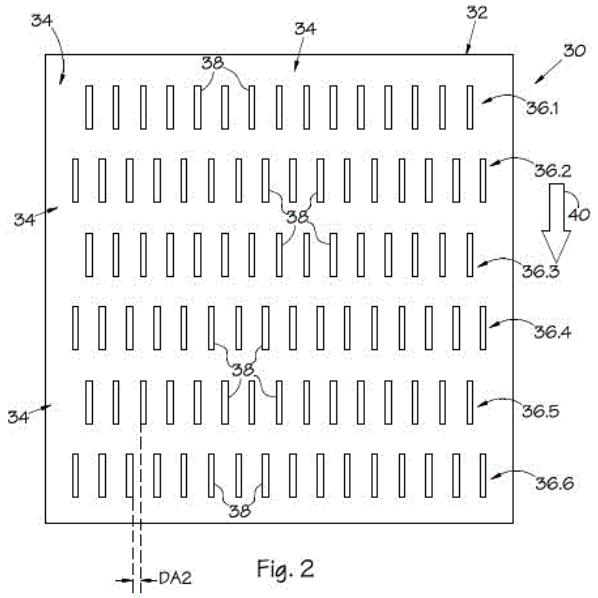
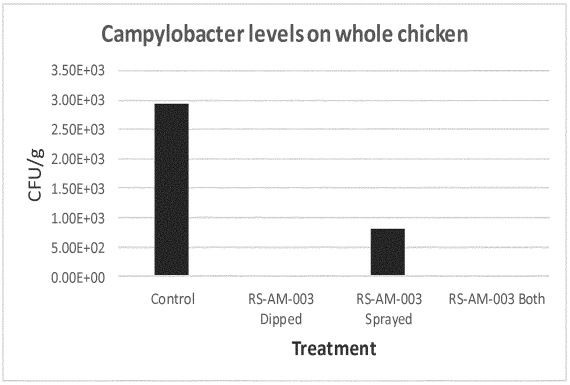


Fig. 2

21: 2018/03946. 22: 2018/06/11. 43: 2019/03/04
51: A22B; A22C; A23B; C02F
71: RS CUTTING EDGE NO3 LTD
72: RYAN, Liam , KELLS, Trevor
33: GB 31: 1520016.5 32: 2015-11-12
54: A CARCASS CLEANING SYSTEM
00: -
The present invention relates to a carcass cleaning system. Specifically, the present invention relates to a system for cleaning an animal carcass using potable water passed through an offline treatment system, including UV irradiation, ozonation and an electrolysing step, and the application of this treated water to the surface of the carcass, for example, by running through a bath or by spraying or nebulisation at or onto the surface of the carcass. The invention finds utility in the fields of butchery and slaughtering of animals in the preparation for sale as meat.

Figure 1



21: 2018/03975. 22: 2018/06/14. 43: 2019/06/27
51: A61K; A61Q
71: TANCREAM LIMITED
72: FOXCROFT, Katy, ROBSON, Gillian
33: GB 31: 1520301.1 32: 2015-11-18
54: SUN PROTECTIVE COMPOSITIONS
00: -
There is described a composition comprising one or more UV filtering agents and a sunless tanning system wherein one or both of the UV filtering agent and sunless tanning system is in an encapsulated form.

21: 2018/03977. 22: 2018/06/14. 43: 2019/05/09
51: B01D
71: Daimler AG
72: SANDER, Markus, LE CLECH, Lionel, SEEMÜLLER, Thomas, SCHUMACHER, Eric, HOFFMANN, Michael, BOEHNING, Philipp, KNOLL, Kai
33: DE 31: 102015015370.6 32: 2015-11-28
54: FILTER CARTRIDGE FOR AN OIL FILTER OF A MOTOR VEHICLE, AND OIL FILTER
00: -
The invention relates to a filter cartridge (12) for insertion into an oil filter housing (14) of an oil filter (10) of a motor vehicle, having a duct (20) for filtered oil, which duct is surrounded in a radial direction at least regionally by a filter material (22) of the filter cartridge (12). At least one passage opening (34) is formed in a wall (32) of the duct (20). By virtue of the filter cartridge (12) being moved into a first position, filtered oil can be prevented from entering a duct (76), provided on the oil filter housing (14), for the filtered oil. By virtue of the filter cartridge (12) being moved into a second position, in which the filter cartridge (12) is displaced in axial direction (36) of

the filter cartridge (12) relative to the first position, an inlet into the duct (76) provided on the oil filter housing (14) is fluidically connectable to the at least one passage opening (34). The invention also relates to an oil filter (10) having a filter cartridge (12) of said type.

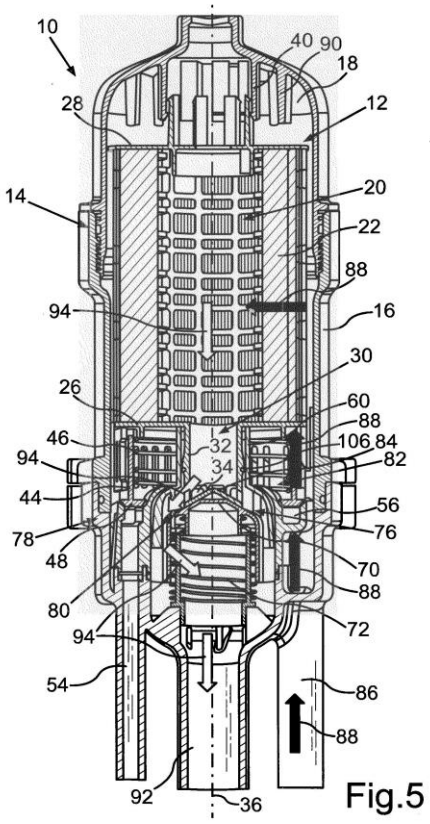
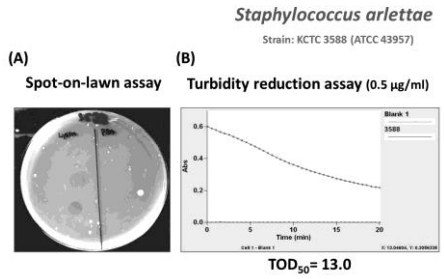


Fig.5

21: 2018/04013. 22: 2018/06/15. 43: 2019/05/29
51: A61K
71: INTRON BIOTECHNOLOGY, INC
72: YOON, Seong Jun, JUN, Soo Youn, JUNG, Gi Mo, KANG, Sang Hyeon
33: US 31: 62/277,506 32: 2016-01-12
54: AN ANTIBACTERIAL COMPOSITION AND A METHOD OF TREATING STAPHYLOCOCCAL INFECTIONS WITH THE ANTIBACTERIAL COMPOSITION
00: -
A method of treating staphylococcal infections includes administering to a subject an effective amount of an antibacterial composition having a broad bactericidal activity. The antibacterial composition includes a first antibacterial protein consisting of the amino acid sequence as set forth in SEQ. ID. NO: 1 and/or a second antibacterial protein consisting of the amino acid sequence as set forth in SEQ. ID. NO: 2.

Figure 1



21: 2018/04059. 22: 2018/06/18. 43: 2019/05/21
51: B60P
71: EMS INDUSTRIES (PTY) LTD
72: JORDAAN, GABRIEL DELPORT, VAN WYK, HENDRIK PETRUS DANIEL, CROFTON-BALL, PETER DUNCAN
33: ZA 31: 2017/02872 32: 2017-04-24
54: TAILGATE RAMP
00: -
This invention concerns a ramp for a tailgate of a vehicle. The ramp includes a storage unit located on the tailgate, a first ramp element connectable to the storage unit, an end ramp element, and at least one intermediate ramp element located between the first and end ramp elements. The ramp is operable between a stored configuration, in which the ramp elements are stored in the storage unit, and an extended configuration, in which the ramp elements extend from the storage unit so as to define a ramp when the tailgate of the vehicle is open.

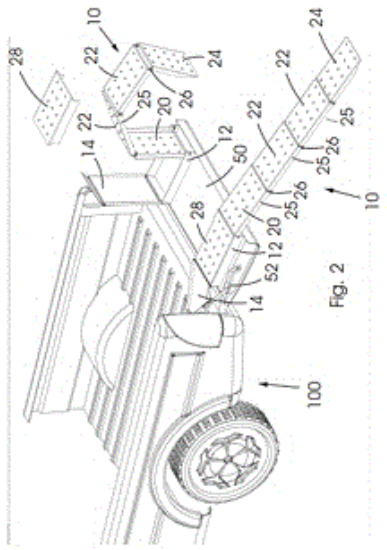
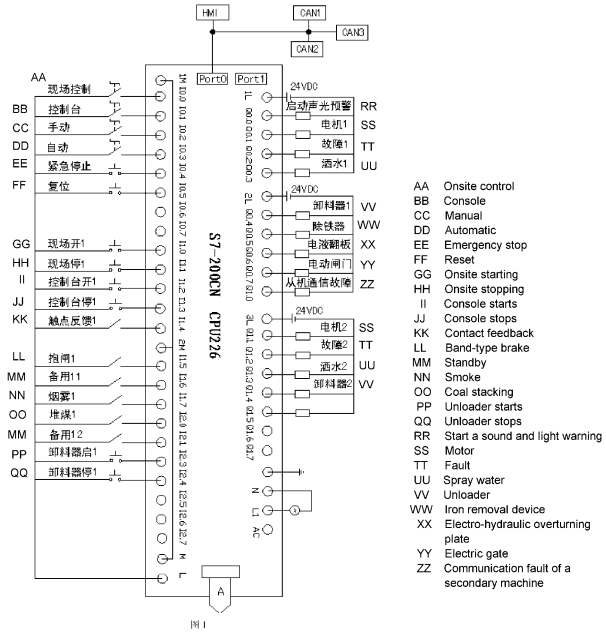


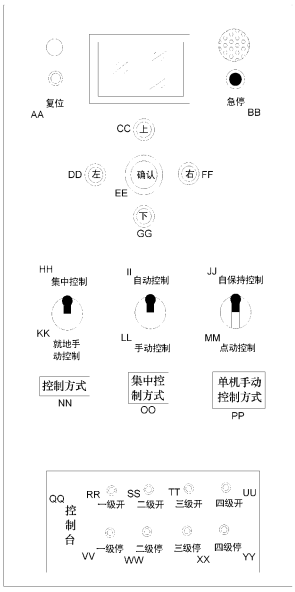
FIG 2

21: 2018/04156. 22: 2018/06/21. 43: 2019/07/04
51: B65G; G06F
71: ANHUI UNIVERSITY OF SCIENCE AND TECHNOLOGY
72: CHEN, Wei, LI, Kun, DENG, Haishun, MA, Tianbing, XIA, Yong, LU, Xingzhao, YUE, Ruolan
33: CN 31: 201610060430.1 32: 2016-01-26
54: MULTISTAGE BELT-TYPE TRANSPORTATION CENTRALIZED CONTROL DEVICE FOR COAL WASHERY
00: -
A multistage belt-type transportation centralized control device for a coal washery comprises a multistage belt-type transportation monitoring device. A controller of the centralized control device is a PLC. Each-stage belt-type conveyor unloader of the centralized control device, a iron removal device, an electro-hydraulic overturning plate, an electric gate, a band-type brake detection switch, a contact feedback detection switch of a main contactor are connected to an input/output endpoint of the PLC. A multistage belt-type transportation starting and stopping sequence and fault processing are monitored, meanwhile, the unloader, the iron removal device, the electro-hydraulic overturning plate and the electric gate device in the coal washery are centralized and integrated, and are monitored in a unified manner. The centralized control device can also provide protection in a case in which the band-type brake and the contact of the main contactor are not closed.



21: 2018/04157. 22: 2018/06/21. 43: 2019/07/04
51: G05B
71: ANHUI UNIVERSITY OF SCIENCE AND TECHNOLOGY
72: CHEN, Wei, DENG, Haishun, LI, Kun, MA, Tianbing, XIA, Yong, LU, Xingzhao, YUE, Ruolan, BAO, Rui
33: CN 31: 201610060422.7 32: 2016-01-26
54: EXPLOSION-PROOF MULTISTAGE BELT TRANSPORTATION MULTI-TOUCH-SCREEN MULTI-CAN-BOARD PARALLEL LONG-DISTANCE CENTRALIZED CONTROL DEVICE
00: -
An explosion-proof multistage belt transportation multi-touch-screen multi-CAN-board parallel long-distance centralized control device comprises an explosion-proof multistage belt transportation monitoring device. Multiple touch screens (HMI1, HMI2, HMI3, HMI4) are connected in parallel with CAN boards (CAN1, CAN2, CAN3, CAN4) and then are connected to a PLC serial port (Port0) by means of RS485 serial port lines; a band-type brake detection switch and a contact feedback detection switch of a main contactor are connected to input endpoints of a PLC; and in a case in which secondary machines encounter communication faults, the faults can be found in time. The device

has protection functions for a band-type brake, smoke, coal stacking, skidding, a motor temperature, a front roller temperature, a rear roller temperature, a front sideslip, a middle sideslip and a rear sideslip, and can carry out disenabling /enabling setting in the touch screens (HMI1, HMI2, HMI3, HMI4); currents, voltages and powers are displayed in the touch screens (HMI1, HMI2, HMI3, HMI4), a multi-touch-screen (HMI1, HMI2, HMI3, HMI4) multi-CAN-board (CAN1, CAN2, CAN3, CAN4) long-distance monitoring function can be implemented, the device is suitable for processing multiple pieces of data, the data transmission speed is fast, the signal attenuation is small, and the anti-interference capability is high, the functions are complete, and the performance is reliable.

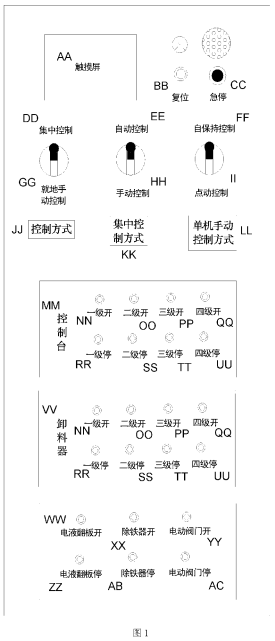


AA Reset
BB Emergency stop
CC Up
DD Left
EE Confirm
FF Left
GG Down
HH Centralized control
II Automatic control
JJ Automatic keeping control
KK Onsite manual control
LL Manual control
MM Jogging control
NN Control mode
OO Centralized control mode
PP Single-machine manual control mode
QQ Console
RR First level starts
SS Second level starts
TT Third level starts
UU Fourth level starts
VV First level stops
WW Second level stops
XX Third level stops
YY Fourth level stops

图 1

21: 2018/04158. 22: 2018/06/21. 43: 2019/07/04
51: G05B
71: ANHUI UNIVERSITY OF SCIENCE AND TECHNOLOGY
72: CHEN, Wei, LI, Kun, MA, Tianbing, DENG, Haishun, XIA, Yong, LU, Xingzhao, YUE, Ruolan, BAO, Rui
33: CN 31: 201610060464.0 32: 2016-01-26
54: MULTISTAGE BAND TRANSPORTATION MULTI-TOUCH-SCREEN MULTI-CAN-BOARD PARALLEL LONG-DISTANCE CENTRALIZED CONTROL DEVICE FOR COAL WASHERY
00: -

A multistage band transportation multi-touch-screen multi-CAN-board parallel long-distance centralized control device for a coal washery comprises a multistage band-type transportation monitoring device for a coal washery. Multiple touch screens are connected in parallel with the CAN boards, and then are connected to a PLC serial port by means of RS 485 serial port lines. A band-type brake detection switch and a contact feedback detection switch of a main contactor are connected to input/output endpoints of the PLC; in a case in which secondary machines encounter communication faults, the faults can be found in time. The device has protection functions for a band-type brake, smoke, coal stacking, skidding, a motor temperature, a front roller temperature, a rear roller temperature, a front sideslip, a middle sideslip and a rear sideslip, and can carry out disabling/enabling setting in the touch screens; currents, voltages and powers are displayed in the touch screens, a multi-touch-screen multi-CAN-board long-distance monitoring function can be implemented, the device is suitable for processing multiple pieces of data, the data transmission is fast, the signal attenuation is small, and the anti-interference capability is high, the functions are complete, and the performance is reliable.



AA Touch screen
BB Reset
CC Emergency stop
DD Centralized control
EE Automatic control
FF Automatic keeping control
GG Onsite manual control
HH Manual control
II Jogging control
JJ Control mode
KK Centralized control mode
LL Single-machine manual control mode
MM Console
NN First level starts
OO Second level starts
PP Third level starts
QQ Fourth level starts
RR First level stops
SS Second level stops
TT Third level stops
UU Fourth level stops
VV Unloader
WW Electro-hydraulic overturning plate starts
XX Iron removal device starts
YY Electric valve starts
ZZ Electro-hydraulic overturning plate stops
AB Iron removal device stops
AC Electric valve stops

图 1

21: 2018/04188. 22: 2018/06/22. 43: 2019/07/03

51: C22B
71: LIFEZONE LIMITED
72: Keith Stuart Liddell, Michael David Adams
33: ZA 31: 2017/04241 32: 2017-06-22
54: HYDROMETALLURGICAL TREATMENT PROCESS FOR EXTRACTION OF PRECIOUS, BASE AND RARE ELEMENTS
00: -
This invention relates to a hydrometallurgical process for the recovery and separation of valuable precious, base or rare elements such as platinum group metals (PGMs), gold or silver, and other valuable base and rare metals such as nickel, cobalt, copper, rare earth elements (REE), yttrium and scandium, as well as uranium, thorium, manganese, zinc, cadmium, molybdenum, titanium, tin, and other minor elements such as vanadium, germanium and gallium from a feed material comprising ores, concentrates and other materials. In particular, the process comprises quantitative removal of additional base, rare and gangue elements for increased efficiency of further treatment of the solids for valuable metals recovery and/or recycling and/or separation of valuable metals from pressure leach residue and may be integrated into one or more existing valuable element extraction processes.

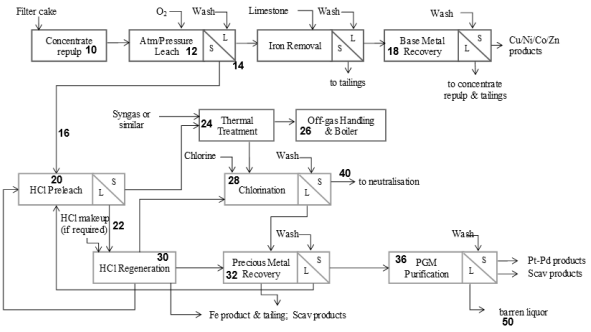
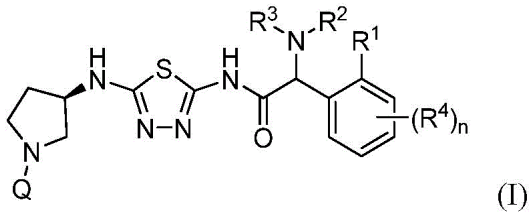


FIG. 1

21: 2018/04361. 22: 2018/06/28. 43: 2019/05/16
51: A61K; A61P; C07D
71: AstraZeneca AB, Cancer Research Technology Limited
72: FINLAY, Maurice Raymond Verschoyle, PERKINS, David Robert, NISSINK, Johannes Wilhelmus Maria, RAUBO, Piotr Antoni, SMITH, Peter Duncan, BAILEY, Andrew
33: US 31: 62/260784 32: 2015-11-30
54: 1,3,4-THIADIAZOLE COMPOUNDS AND THEIR USE IN TREATING CANCER
00: -

A compound of Formula (I) or a pharmaceutically acceptable salt thereof, is described. Q can be pyridazin-3-yl, 6- fluoropyridazin-3-yl; R^1 can be H; R^2 and R^3 can each independently be C1-C6 alkyl, or R^2 and R^3 taken together are $-(CH_2)_3$; or R^1 and R^2 taken together can be $-(CH_2)_2-$ and R^3 can be $-CH_3$; R^4 halo, $-CH_3$, $-OCH_3$, $-OCHF_2$, $-OCF_3$, or $-CN$; and n can be 0, 1, or 2. The compound of formula (I) can inhibit glutaminase, e.g., GLS1.



(I)

21: 2018/04521. 22: 2018/07/06. 43: 2019/05/23
51: A61B
71: Saint Louis University
72: DUEL, Barry Phillip
33: US 31: 62/275,855 32: 2016-01-07
54: CIRCUMCISION CLAMP
00: -
Disclosed are circumcision devices for adults and children. Circumcision devices include a ring and a cable tie.

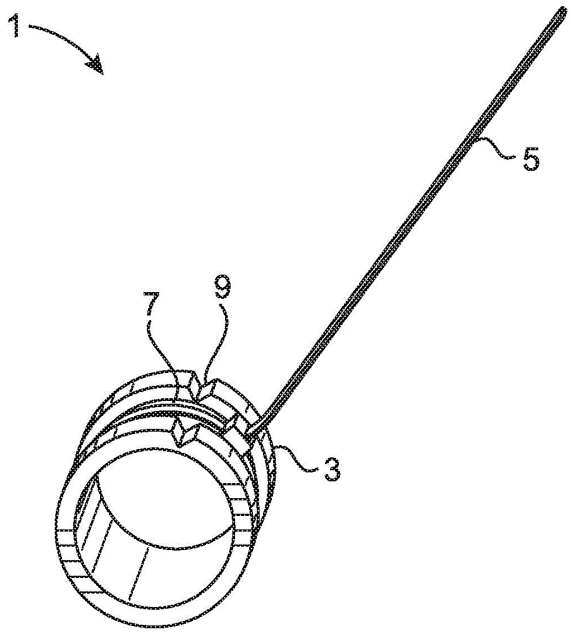


FIG. 1D

21: 2018/04541. 22: 2018/07/06. 43: 2019/04/02
51: B01D; C12G
71: QISUS KNOWLEDGE AND TECHNOLOGY LTD
72: EDVY, Matan
33: US 31: 62/217,590 32: 2015-09-11
54: BATCH DISTILLING METHOD, STILL AND KIT
00: -
A method of batch distilling including providing a first substrate that upon distillation releases vapour having deleterious sulfur compounds, providing an inert still, adding the first substrate to the still, installing at least one first reactive article in the still and subsequently performing a first distillation run on the first substrate, such that the installed at least one first reactive article has a first exposed area that is exposed to the distillate, and collecting a first desired fraction from the first run. The distillation during the collection of the first desired fraction is performed at a rate of less than 5 L/(hr*m2) of collected first fraction per first exposed area. Compatible still and kit are also provided.

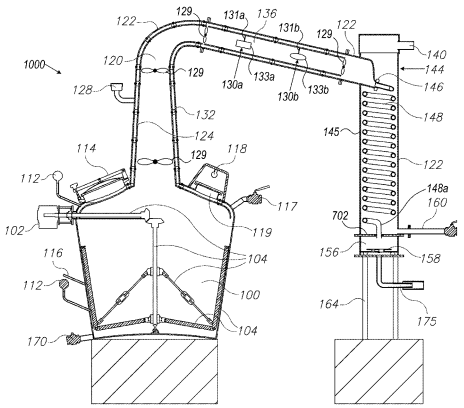


FIG.1

21: 2018/04603. 22: 2018/07/10. 43: 2019/05/02
51: A61K; A61P
71: YISHENG BIOPHARMA (SINGAPORE) PTE LTD
72: ZHANG, Yi
33: CN 31: 201610204380.X 32: 2016-04-01
54: A COMPOSITION COMPRISING PIC FOR TREATMENT OF CANCER
00: -
The present disclosure relates to a composition comprising PIC for treatment of cancer. More particularly, the present disclosure discloses a composition for treatment of cancer comprising polyinosinic-polycytidylic acid, an antibiotic or polyamine compound, a positive ion, and optionally a virus, and the use thereof in manufacture of a medicament for treatment of cancer.

21: 2018/04763. 22: 2018/07/17. 43: 2019/05/24
51: C12N C12P
71: SELEXIS S.A.
72: MERMOD, Nicolas, DUROY, Pierre-Oliver, BOSSHARD, Sandra, LE MERCIER, Philippe
33: US 31: 62/387,375 32: 2015-12-24
54: IMPROVED EUKARYOTIC CELLS FOR PROTEIN MANUFACTURING AND METHODS OF MAKING THEM
00: -
Disclosed are mammalian cells and mammalian cell lines that have a reduced load of remnants of past viral/retroviral infections and methods of producing and using the same.

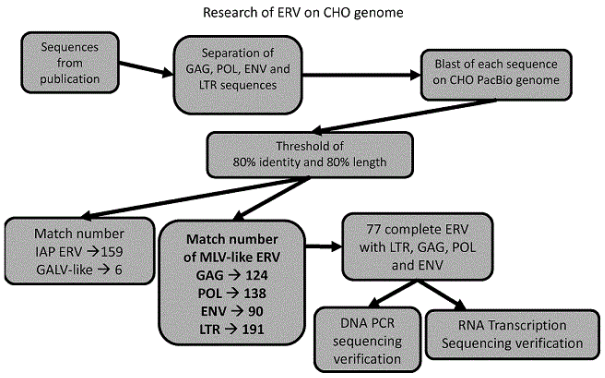


FIGURE 4A

21: 2018/04812. 22: 2018/07/18. 43: 2019/06/28
51: F22B; F23J
71: SHENZHEN TONGE CHEMICAL CLEANING CO., LTD.
72: Zhang, Lianhe
54: BOILER CLEANING DEVICE
00: -
A boiler cleaning device, comprising: a pressure vessel, for filtering and purifying water, an interface for connecting the pressure vessel to a water distribution system and for providing water boiler expansion pressure relief to prevent a water boiler connected to the water distribution system has overheated, the interface having a first passageway extending through the interface, the interface having a second passageway extending through the interface, the interface having an inlet port formed at an inlet end portion of the second passageway of the interface, and a connection module between the interface and the pressure vessel, for selectively connecting the pressure vessel to the interface.

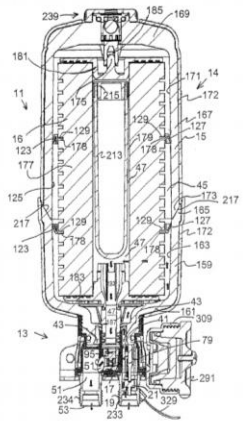


FIG. 1

21: 2018/04813. 22: 2018/07/18. 43: 2019/06/28
51: B01D; C02F
71: SHENZHEN TONGE CHEMICAL CLEANING CO., LTD.
72: Zhang, Lianhe
54: WATER PURIFICATION DEVICE
00: -
A water purification device, comprising: a heating chamber proximate to a first evaporation chamber; wherein heat from the heating chamber creates steam in the first evaporation chamber which enters a first condenser; and a control module, configured to control module operation based upon at least one characteristic selected from the group consisting of: amount of water in a purified water container, flow of purified water through the purified water outlet, time of water flow, time of no water flow, amount of water in the evaporation chamber, detection of a leak, evaporation chamber pressure, output water quality, pressure differential across the evaporation chamber, flow between evaporation chambers, and flow of concentrated brine out of the system; wherein the first condenser is proximate to a second evaporation chamber.

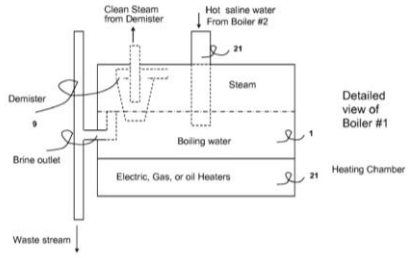


FIG. 1

21: 2018/04814. 22: 2018/07/18. 43: 2019/06/28
51: B01D
71: SHENZHEN TONGE CHEMICAL CLEANING CO., LTD.
72: Zhang, Lianhe
54: PURIFICATION METHOD FOR CONTAMINATED LIQUID
00: -
A purification method for contaminated liquid, wherein the purification method comprises: co-processing a plurality of reactants in a catalytic cracker, the plurality of reactants comprising: i) 93-99.95 wt. % of a petroleum fraction; and ii) 0.05-7 wt. % of contaminated liquid blended with ethanol; performing non-catalytic rapid thermal processing on the contaminated liquid to convert at least 60 wt. % of the cellulosic biomass to the contaminated liquid, wherein the contaminated liquid has: a) carbon content of at least 40 wt. % on a moisture-free basis; b) an oxygen content in the range of between 20-50 wt. % on a moisture-free basis; and c) a water content in the range of less than 20 wt, %. c) a solids content of less than 0.01 wt. %; and d) an ash content of less than 0.05 wt. %.

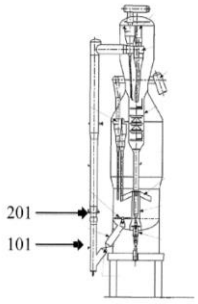


FIG. 1

21: 2018/04815. 22: 2018/07/18. 43: 2019/07/17
51: B01D
71: SHENZHEN TONGE CHEMICAL CLEANING CO., LTD.
72: Zhang, Lianhe
54: PARTICLE SEPARATING DEVICE IN HEATING SYSTEM
00: -
A particle separating device in a heating system, comprising: a first separator chamber for removing particles from suspension in the fluid, the first separator chamber containing a first set of walls and/or protrusions providing a barrier to the flow of fluid, configured to slow the flow of fluid within the first separator chamber; a second separator chamber for removing particles from suspension in the fluid, the second separator chamber containing a second set of walls and/or protrusions providing another barrier to the flow of fluid, configured to slow the flow of fluid within the second separator chamber; and a central chamber disposed between the first and the second separator chambers, a magnet being provided in the central chamber for attracting ferrous particles from fluid in the central chamber.

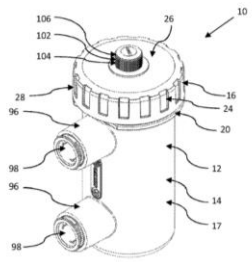


FIG. 1

21: 2018/04816. 22: 2018/07/18. 43: 2019/07/17
51: F22B; F23G; F23J
71: SHENZHEN TONGE CHEMICAL CLEANING CO., LTD.
72: Wu, Mingjun
54: CLEANING SYSTEM FOR INCINERATOR
00: -
A cleaning system for an incinerator, comprising: a turbocharger, having a turbine rotated by a flue gas discharged from the incinerator and a compressor rotated according to the rotation of the turbine for supplying a compressed air as a combustion air to

the incinerator; and a dust collector for collecting the impurities in the flue gas, being provided between the incinerator and the turbocharger; and an apparatus for conveying the impurities, having an upper valve provided between an upper discharge device for discharging the impurities from the dust collector and a tank for saving the impurities, and a lower valve provided between a lower discharge device for discharging the impurities from the tank and a conveyor for conveying the impurities to a hopper.

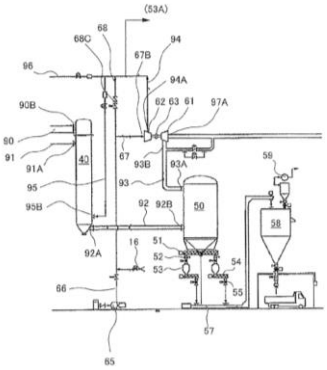


FIG. 1

21: 2018/04817. 22: 2018/07/18. 43: 2019/07/17
51: B01D
71: SHENZHEN TONGE CHEMICAL CLEANING CO., LTD.
72: Wu, Mingjun
54: LIQUID FILTRATION METHOD
00: -
A liquid filtration method, comprising: providing an inflow of a feed mixture comprising the carbonaceous material and water, pressurizing the feed mixture to a pressure in the range 150-400 bar, heating the feed mixture to a temperature in the range 300-450.degree. C., maintaining the pressurized and heated feed mixture for a predefined time in the range 30 minutes to 12 hours to obtain a converted feed mixture; cooling the converted feed mixture to a temperature in the range 25-200.degree. C., wherein the pressure during the temperature reduction is constantly kept at a pressure at least 25 bars above the saturation pressure at the prevailing temperature; expanding the converted feed mixture to a pressure in the range of 1-70 bar, and separating from the converted feed mixture a fraction comprising the liquid hydrocarbon product.

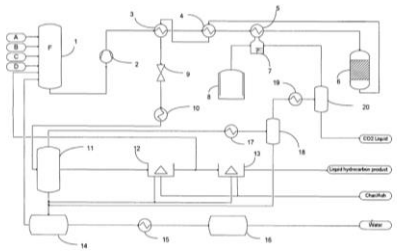


FIG. 1

21: 2018/04818. 22: 2018/07/18. 43: 2019/06/28
51: C02F
71: SHENZHEN TONGE CHEMICAL CLEANING CO., LTD.
72: Qiu, Qiaoping
54: SEWAGE TREATMENT EQUIPMENT
00: -
A sewage treatment equipment, comprising: a filter chamber filling with ionized silicon dioxide for removing at least one of chloride ions and transmuted chlorine ions from water; cadmium and bismuth for absorbing neutrons from the water; and a absorptive valve for absorbing hydrogen ions, the absorptive valve comprising a plurality of fins within its interior.

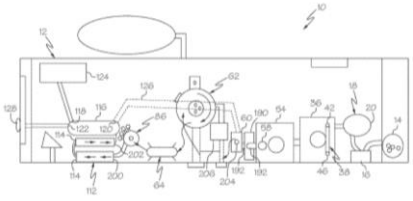


FIG. 1

21: 2018/04819. 22: 2018/07/18. 43: 2019/06/28
51: C02F
71: SHENZHEN TONGE CHEMICAL CLEANING CO., LTD.
72: Qiu, Qiaoping
54: HIGH VOLTAGE WATER TREATMENT SYSTEM
00: -

A high voltage water treatment system, comprising: a plasma reaction chamber, configured to generate an electrohydraulic discharge to occur in flowing water that can have changing conductivity, temperature and dissolved solids; a body that is capped on both ends with fittings that allow water and optionally gasses to be introduced and removed from the reactor body, and for electrical connections to be made with the high voltage and ground electrodes; and an electrode mount assembly disposed within the reaction chamber, reducing choke points with the reactor or plasma discharge zone and that funnels gas bubbles into the plasma discharge zone to aid in plasma generation when the conductivity of the water increases.

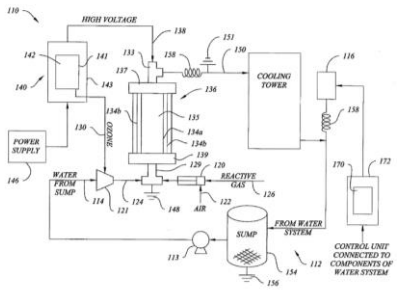


FIG. 1

21: 2018/04820. 22: 2018/07/18. 43: 2019/07/17
51: B01D
71: SHENZHEN TONGE CHEMICAL CLEANING CO., LTD.
72: Qiu, Qiaoping
54: CONTAMINANT PROCESSING SYSTEM
00: -
A contaminant processing system, comprising: a containment collection device, configured to receive contaminant from a contaminant supply; a biomass burner configured to receive biomass from a biomass source, combust the biomass to produce heat and ash, to receive a thermal transfer fluid, and to heat the thermal transfer fluid using the heat produced from the combustion of the biomass; a first heat exchanger configured to heat the contaminant to produce steam; and a second heat exchanger configured to receive the steam from the first heat exchanger and to use heat from the steam to pre-heat the contaminant prior to the contaminant entering the first heat exchanger.

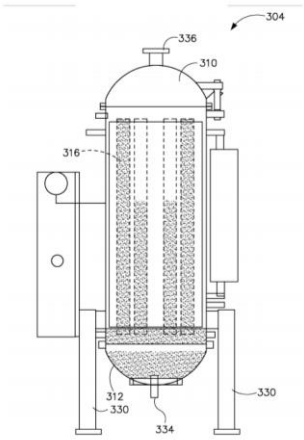


FIG. 1

21: 2018/04821. 22: 2018/07/18. 43: 2019/07/17
51: C02F
71: SHENZHEN TONGE CHEMICAL CLEANING CO., LTD.
72: Guan, Dengli
54: DEIONIZATION TREATMENT SYSTEM
00: -
A deionization treatment system, comprising: a first deionization treatment unit, configured to receive a first water stream during a first operation cycle to produce the treated water stream; a first operation unit, configured to introduce the treated water stream to a first unit operation; and a second operation unit, configured to introduce a second water stream to the first deionization treatment unit during a second operation cycle to produce a reject water stream; wherein the second water stream comprises reclaimed water from the first unit operation or from a second unit operation.

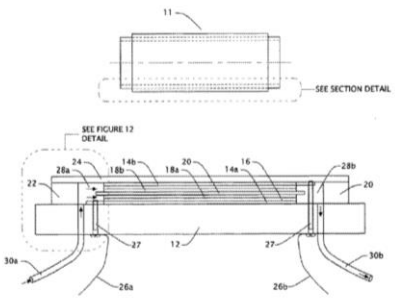


FIG. 1

21: 2018/04932. 22: 2018/07/23. 43: 2019/05/17
51: A01N; C07C
71: Indiana University Research & Technology Corporation
72: PELUS, Louis M., HOGGATT, Jonathan, SINGH, Pratibha
33: US 31: 61/112,018 32: 2008-11-06
54: MATERIALS AND METHODS TO ENHANCE HEMATOPOIETIC STEM CELLS ENGRAFTMENT PROCEDURES
00: -
This disclosure is directed to the methods of enhancing hematopoietic stem cells (HSPC) and progenitor cell (HSPC) engraftment procedure. Treatment in vivo of a HSPC donor with compounds that reduce PGE2 biosynthesis or PGE2 receptor antagonists alone, or in combination with other hematopoietic mobilization agents such as AMD3100 and G-CSF, increases the circulation of available HSPCs. Compounds that reduce the cellular synthesis of PGE2 include non-steroidal anti-inflammatory compounds such as indomethacin. Treatment ex vivo of HSPC with an effective amount of PGE2 or at least one of its derivatives such as 16,16-dimethyl prostaglandin E2 (dmPGE2), promotes HSPC engraftment. Similar methods may also be used to increase viral-mediated gene transduction efficacy into HSPC.

21: 2018/04933. 22: 2018/07/23. 43: 2019/05/10
51: A47B; A63F
71: Gamtec International Limited
72: BACCHI, Steven, BACCHI, Lorenzo
54: GAMING TABLES FOR ROULETTE AND SIMILAR GAMES
00: -
A gaming table (1;20) for roulette and similar games has a wheel (2) and a betting area (3) delineated on the table-top (9) with a rectangular hollow shoulder (8) upstanding along a longitudinal side wall (4) of the table (1;20). The inner wall of the shoulder (8) has a slot-opening (12) that is closed by a top-hinged flap (13) that opens inwardly against a spring action under pressure of chips (C) drawn onto the flap (13) across the table-top (9) from the betting area (3). Chips (C) admitted through the opening (12) fall onto a moving belt (15) of a conveyor system (16) leading to a chipping machine (18) under the table (1) for collection and sorting. In a modification, the chips (C) fall down onto the belt (15) via an inwardly inclined chute (22) under the table (20).

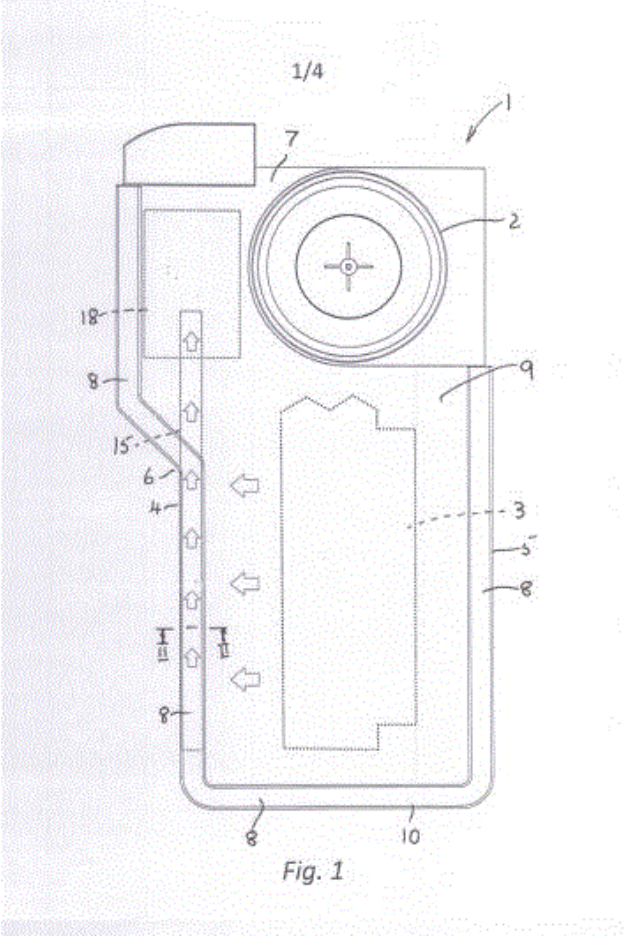


Fig. 1

21: 2018/04965. 22: 2018/07/24. 43: 2019/05/13
51: C12N
71: MERIAL, INC., GENVEC INC., THE GOVERNMENT OF THE UNITED STATES OF AMERICA,

72: WIDENER, Justin, WOODYWARD, Leszlie, SIGER, Leonardo, GALL, Jason, MCVEY, Duncan, BURRAGE, Tom, BROUGH, Douglas, ETTYREDDY, Damodar
33: US 31: 62/288,540 32: 2016-01-29
54: RECOMBINANT ADENOVIRUS VECTORED FMDV VACCINES AND USES THEREOF
00: -
The present invention encompasses FMDV vaccines or compositions. The invention encompasses recombinant vectors encoding and expressing FMDV antigens, epitopes or immunogens which can be used to protect animals, in particular ovines, bovines, caprines, or swines, against FMDV.

21: 2018/05007. 22: 2018/07/25. 43: 2019/03/25
51: G06F
71: KAVI ASSOCIATES, LLC
72: KADUWELA, Vijitha, INBASEKARAN, Rajesh
33: US 31: 62/277,759 32: 2016-01-12
54: MULTI-TECHNOLOGY VISUAL INTEGRATED DATA MANAGEMENT AND ANALYTICS DEVELOPMENT AND DEPLOYMENT ENVIRONMENT
00: -
The present disclosure relates to a system for providing a multi-technology visual integrated data management and analytics development and deployment environment. In an embodiment, the system is configured to generate executable code suitable to carry out a data analytics request using a first software platform, migrate executable code for the first software platform to a second software platform, and cause executable code to be processed on the first or second software platform to perform the data analytics request.

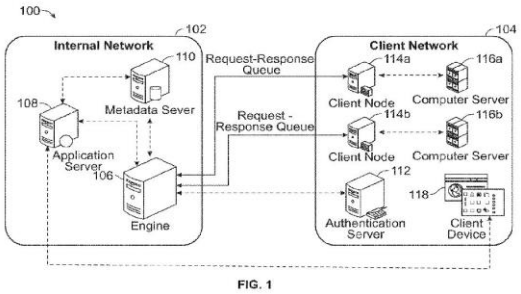


FIG. 1

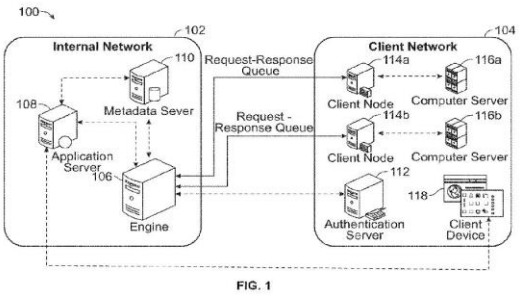


FIG. 1

21: 2018/05068. 22: 2018/07/27. 43: 2019/05/27
51: B01J; C10G
71: JXTG Nippon Oil & Energy Corporation
72: YOKOI , Mayumi, SHINGU, Masaki, ARAKI, Yasuhiro, AKIYAMA, Masanari
33: JP 31: 2016-015587 32: 2016-01-29
54: CATALYST FOR FISCHER-TROPSCH SYNTHESIS, METHOD FOR PRODUCING CATALYST FOR FISCHER-TROPSCH SYNTHESIS, AND METHOD FOR PRODUCING HYDROCARBON
00: -

Provided is a catalyst for Fischer-Tropsch synthesis comprising a reduced product of an unreduced catalyst that contains: a carrier comprising silica and zirconium oxide; and cobalt oxide loaded on the carrier. The hydrogen adsorption amount per unit mass at 100°C is 0.60 ml/g or more. When the hydrogen consumption in the temperature range from the peak top to the peak end point of the main peak resulting from TPR measurement of the unreduced catalyst is denoted by C_1 and the hydrogen consumption in the temperature range from the peak top to the peak end point of the main peak resulting from TPR measurement of the reduced product is denoted by C_2, the ratio C_2/C_1 is 0.01-0.13.

21: 2018/05215. 22: 2018/08/02. 43: 2019/03/28
51: A61P
71: SUPRAPHARM CC
72: SHERALEE MCDONALD GREVES, WENDY SHARON GENN, COSTAS LAMBROS TERPIZIS, DIMITRI JOHN TERPIZIS
33: ZA 31: 2017/05353 32: 2017-08-07
54: PREPARATION FOR NASAL-NASOPHARYNGEAL TREATMENT
00: -
Medicinal compositions or preparations or drugs for the treatment of disorders of the respiratory system such as the nasal-nasopharyngeal area. The preparation may include a carrier, between about 0.8% and 59% by weight/volume of a medicament selected from the group consisting of sugar monomers of the aldohexose series of

carbohydrates; and a pharmaceutically effective amount of an antimicrobial preservative.

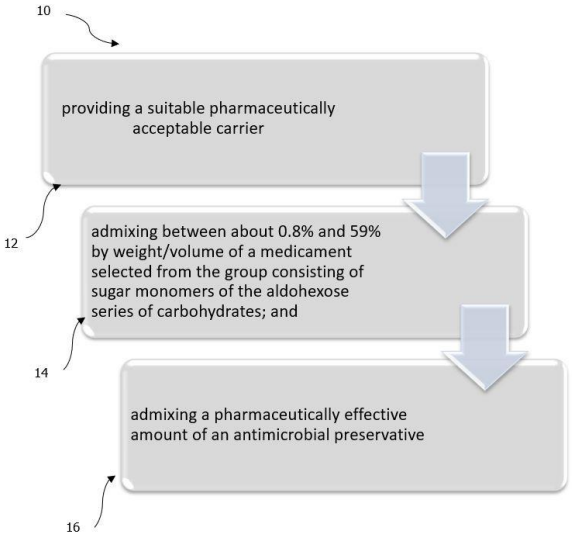


FIGURE 1

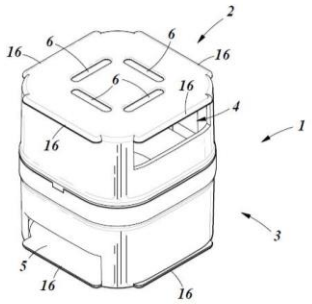


FIG. 1

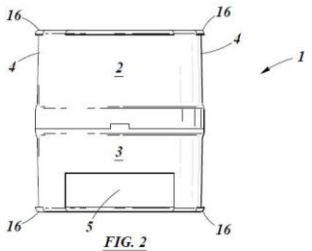


FIG. 2

21: 2018/05233. 22: 2018/08/03. 43: 2019/06/04
51: B65D
71: BROUNS, Frederic Leopold Rene, SMIT, Andre Johan
72: BROUNS, Frederic Leopold Rene, SMIT, Andre Johan, SAAYMAN, Willem Erick, JORDAAN, Paulus Adriaan, COETZEE, Esli Pieter
33: ZA 31: 2015/08143 32: 2016-02-04
54: A PALLET AND A SPACER FOR USE IN A PALLET
00: -
This invention relates to a pallet and more particularly, but not exclusively, to a wood and plastics material pallet, as well as to a spacer for use in such a pallet. There is provided a pallet comprising elongate members and a spacer body for supporting the members in a general lattice configuration and for spacing the members apart, the spacer body having an operatively upper end and an operatively lower end, upper and lower receiving formations at each end respectively receives an upper member and a lower member there through.

21: 2018/05276. 22: 2018/08/10. 43: 2019/05/13
51: C07C
71: EVONIK DEGUSSA GMBH
72: SANG, Rui, LIU, Jie, DONG, Kaiwu, JACKSTELL, Ralf, BELLER, Matthias, FRANKE, Robert
33: EP 31: 17185346.8 32: 2017-08-08
54: METHOXYCARBONYLATION WITH FORMIC ACID AS CO SOURCE
00: -
A process for methoxycarbonylation with formic acid as the CO source.

21: 2018/05287. 22: 2018/08/10. 43: 2019/05/16
51: A61M
71: Sisu Global Health, Inc.
72: FISHER, Theresa, PARUNAK, Gene, ROUTSON, Rick, MEINES, Steve, HENKER, Gillian, WINGET, Caitlin, KUMAR, Rajen
33: US 31: 62/276,817 32: 2016-01-08
54: BLOOD FILTERING COMPONENT, APPARATUS, AND METHOD
00: -
Am apparatus Including a hollow body, an inlet, fhiidty coupled to the hollow body, a piston siidably engaged within the hollow body, and a filter module arranged within, the hollow body between the inlet and piston. The piston and hollow body cooperatively generate a negative pressure, relative to ambient, within the hollow body during distal

piston translation from a first position to a second position, thereby drawing a fluid, such as blood, through the filter module into the hollow body. The piston and hollow body cooperatively generate a positive pressure, relative to ambient, within the hollow body during piston translation from the second position to the first position to egress the filtered fluid from the lioi!ow body. The filter module may include a filter housing, a filter medium disposed within the housing, and a 'body valve configured to seal an open distal face of the filter housing.

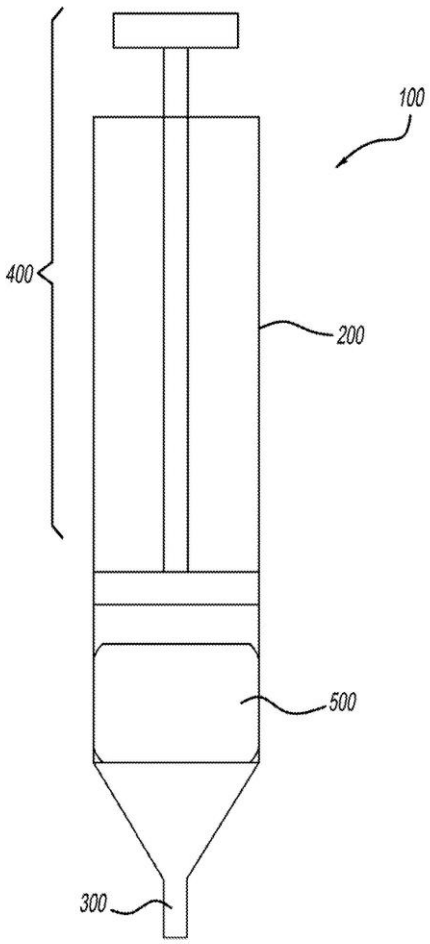


FIG - 1

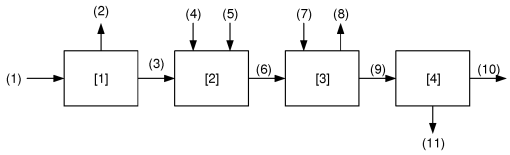
21: 2018/05300. 22: 2018/08/10. 43: 2019/06/12
51: C22B
71: SMS GROUP PROCESS TECHNOLOGIES GMBH
72: NOWAK, Benedikt, WEISSENBAECK, Herbert
33: EP 31: 16158032.9 32: 2016-03-01

54: PROCESS FOR THE SEPARATION OF VANADIUM

00: -

The present invention relates to a process for the separation of vanadium in the form of vanadium oxide, iron-vanadium-oxide, or iron-vanadium from solutions containing both dissolved iron and dissolved vanadium, wherein an aqueous solution containing dissolved iron and vanadium in a molar iron-to-vanadium ratio of above 1:1, preferably above 1:1 and up to 10000:1, more preferably between 5:1 and 1000:1, even more preferably between 5:1 and 100:1, and most preferably between 10:1 and 50:1 and optionally also other elements is oxidized in an oxidation step with a gaseous oxidation media, and wherein the amount of acid in the aqueous solution is kept below the stoichiometric amount of acid required during bivalent iron oxidation and the precipitate thus formed is removed from the solution.

Figure 1



21: 2018/05326. 22: 2018/08/10. 43: 2019/06/11
51: F16L; H02G
71: CCG AUSTRALASIA PTY LTD
72: MOOD, Geoffrey Ingles
33: GB 31: 1600733.8 32: 2016-01-14

54: ANGULARLY ADJUSTABLE TUBULAR ELBOW

00: -

An angularly adjustable tubular elbow is provided for use in association with an electrical junction box. The elbow has an externally screw threaded male spigot at one end and a correspondingly screw threaded female socket at the other end. A locknut cooperates with the screw thread on the male spigot so as to leave usable screw thread on the male spigot that has a length at least equal to one thread

pitch longer than is required for satisfying a specification or requirement. A seal that accommodates rotation of the elbow about the axis of the spigot is provided between the male spigot and the locknut to prevent ingress of moisture or other unwanted fluids along the thread. The elbow can be installed with the locknut fully retracted, followed by rotation of the elbow by no more than 360º to align the female socket and subsequently tightening the locknut.

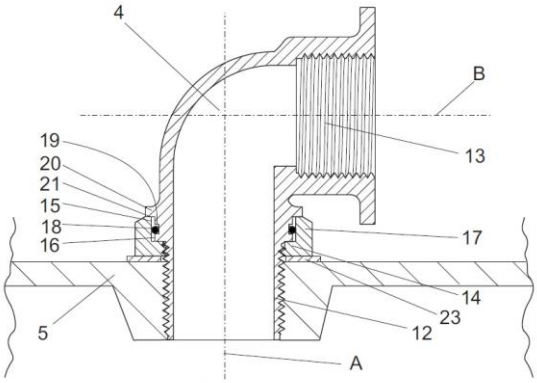


Figure 4

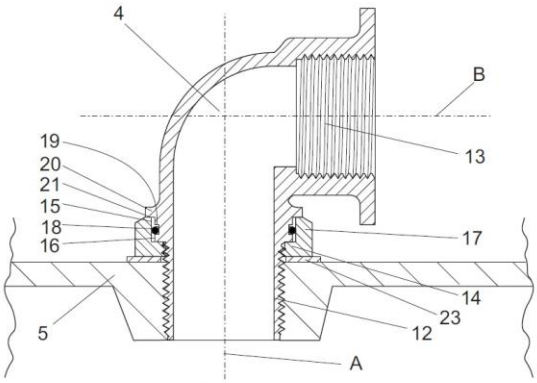
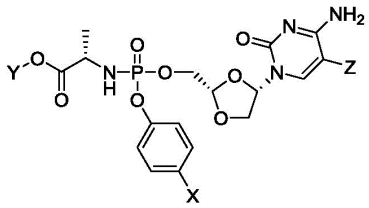


Figure 4

21: 2018/05445. 22: 2018/08/15. 43: 2019/05/24
51: A61K; A61P
71: Medivir Aktiebolag
72: ALBERTELLA, Mark, ENEROTH, Anders, KLASSON, Björn, ÖBERG, Fredrik, ÖHD, John
33: SE 31: 1650274-2 32: 2016-03-02
54: COMBINATION THERAPY WITH SORAFENIB OR REGORAFENIB AND A PHOSPHORAMIDATE PRODRUG OF TROXACITABINE
00: -

Combination therapy with sorafenib or regorafenib and a phosphoramidate prodrug of troxacitabine with the formula: where Y is C_1-C_8 straight or branched chain alkyl, X is H, halo, C_3-C_4cycloalkyl or C_1-C_4alkyl and Z is H or fluoro, or a pharmaceutically acceptable salt thereof, shows surprising utility in the treatment of liver cancer or liver metastasis.



21: 2018/05474. 22: 2018/08/16. 43: 2019/07/11
51: E03C
71: HANSGROHE SE
72: KINLE, Ulrich, MELLE, Fabian, SKRYPSKI, Michael, DIETERLE, DANIEL PHILLIP, WÖHRLE, Markus
33: DE 31: 10 2017 214 571.4 32: 2017-08-21
54: SANITARY FITTING COMPRISING A WATER CONDUIT CHANNEL
00: -

A sanitary fitting which has a water channel, an insertion duct and an insertion body with an exchangeable utility element which is movable into a desired position in the water channel without disassembling the fitting.

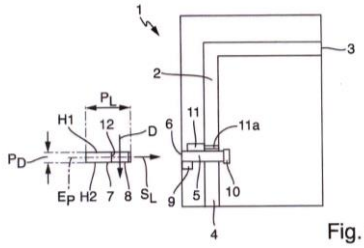


Fig. 1

21: 2018/05481. 22: 2018/08/16. 43: 2019/05/09
51: H01G
71: Exeger Operations AB
72: LINDSTRÖM, Henrik
33: SE 31: 1650331-0 32: 2016-03-10
54: A SOLAR CELL COMPRISING GRAINS OF A DOPED SEMICONDUCTING MATERIAL AND A METHOD FOR MANUFACTURING THE SOLAR CELL
00: -

The present invention relates to a solar cell and a method for manufacturing thereof. The solar cell comprises a porous insulating substrate (2), a first porous conducting layer (4) and a second porous conducting layer (6) disposed on opposite sides of the porous insulating substrate, a light absorbing

layer (8) in electrical contact with the first conducting layer, and an electrolyte integrally positioned through the porous conductive layers, the porous insulating substrate and the light absorbing layer to transfer charge carriers between the second conducting layer and the light absorbing layer. The light absorbing layer (8) comprises a plurality of grains (10) of a doped semiconducting material.

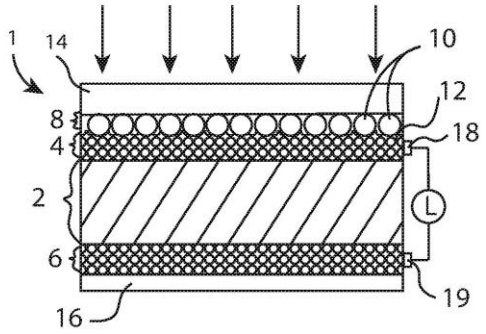


Fig. 1

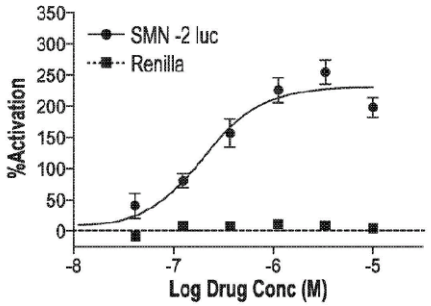


FIG. 1A

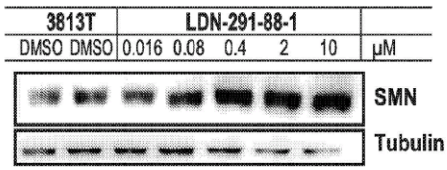


FIG. 1B

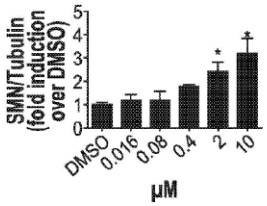


FIG. 1C

21: 2018/05486. 22: 2018/08/16. 43: 2019/05/13
51: A61K; C07D
71: Indiana University Research & Technology Corporation, The Brigham and Women's Hospital, Inc.
72: ANDROPHY, Elliot J., HODGETTS, Kevin, CALDER, Alyssa Nicole
33: US 31: 62/298,689 32: 2016-02-23
54: COMBINATION THERAPIES FOR TREATMENT OF SPINAL MUSCULAR ATROPHY
00: -
Disclosed herein are compositions and methods for treatment of spinal muscular atrophy (SMA). In certain embodiments, compounds are provided that increase full-length survival of motor neuron (SMN) protein production by an SMN2 gene.

21: 2018/05681. 22: 2017/03/01. 43: 2019/05/28
51: A61C
71: SOUTHERN IMPLANTS (PTY) LTD
72: BLACKBEARD, GRAHAM ALAN, CUMMING, LEITH CARRUTHERS
33: US 31: 62/315,274 32: 2016-03-30
33: US 31: 62/361,665 32: 2016-07-13
54: ANGULATED DENTAL IMPLANT
00: -
A dental implant includes a generally cylindrical body, an interior bore, and a non- rotational feature. The generally cylindrical body has a main-central axis and is formed from cold-worked, high strength, commercially pure titanium having an ultimate tensile strength of at least about 900 MPa. The generally cylindrical body has a proximal portion and an opposing distal portion for anchoring the dental implant in bone of a patient. The interior bore is

formed in the generally cylindrical body and has (i) a bore-central axis and (ii) a threaded portion for receiving a screw that is configured to removable hold an abutment in engagement with the dental implant. The non-rotational feature is configured to engage the abutment in a non-rotational fashion.

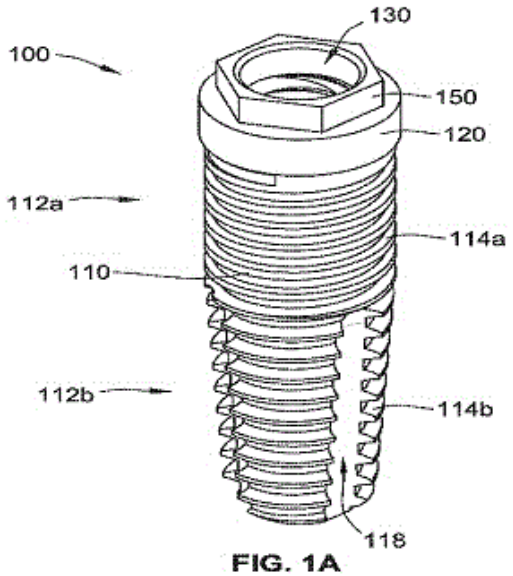


FIG. 1A

21: 2018/05788. 22: 2018/08/29. 43: 2019/06/04
51: B01D; C02F
71: TREVI SYSTEMS INC.
72: WEI, Qiang, WEBLEY, John, BAKER, Elliot, CARMIGNANI, Gary
33: US 31: 62/388,563 32: 2016-02-02
33: US 31: 62/392,203 32: 2016-05-24

54: OSMOTIC PRESSURE ASSISTED REVERSE OSMOSIS PROCESS AND METHOD OF USING THE SAME

00: -

Devices, methods, and systems for producing a concentrated feed stream and a diluted feed stream using a solute stream provided to the low pressure side of the semi-permeable membrane during a reverse osmosis process. The process includes providing a semipermeable membrane having a first side and a second side and introducing a first feed solution stream on the first side of the membrane and a second feed solution stream on the second side, wherein the osmotic pressure of the of the first feed solution stream is greater than or equal to the osmotic pressure of the second feed solution stream. The process further includes exerting hydrostatic pressure on the first side of the membrane such that solvent passes from the first side to the second side thereby producing a concentrated first feed solution stream and a diluted second feed solution stream. Devices and systems for performing the processes are provided.

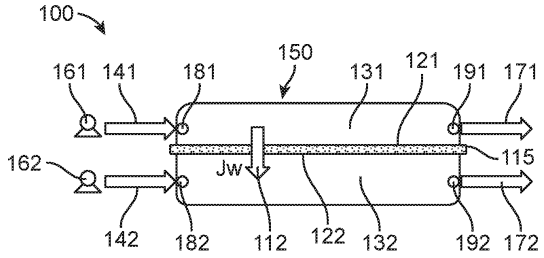


FIG. 1

21: 2018/05798. 22: 2018/08/29. 43: 2019/05/13
51: G06F; G06K; G06Q; G06T
71: Sys-Tech Solutions, Inc.
72: VOIGT, Matthias, SOBORSKI, Michael L., AYOUB, Rafik
33: US 31: 62/307,901 32: 2016-03-14

54: METHODS AND A COMPUTING DEVICE FOR DETERMINING WHETHER A MARK IS GENUINE

00: -

Methods for determining whether a mark is genuine are described. According to various implementations, a computing device (or logic circuitry thereof) receives (e.g., via a camera or via a communication network) an image of a candidate mark (e.g., a one- dimensional or two-dimensional barcode), uses the image to make measurements of a characteristic of a feature of the candidate mark, resulting in a profile for that feature. The computing device filters out, from the feature profile, all spatial frequency components that are indicated to be sibling frequency components. In some embodiments, the computing device carries out the reverse procedure, and filters out all spatial frequency components except for those indicated to be sibling frequency components.

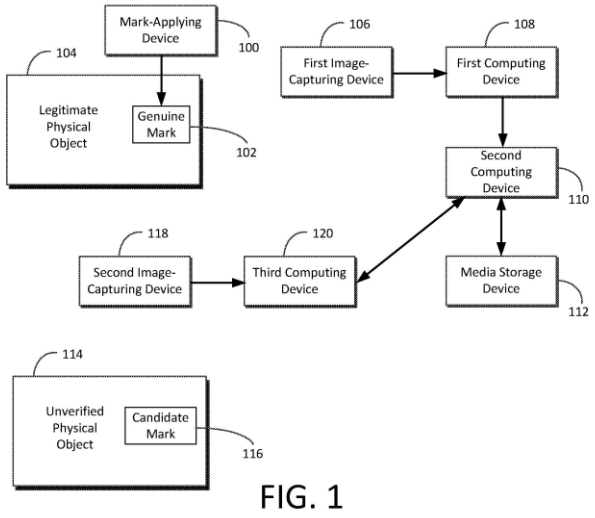


FIG. 1

21: 2018/05803. 22: 2018/08/29. 43: 2019/06/12
51: B61L
71: BOMBARDIER TRANSPORTATION (ZWUS) POLSKA SP. Z.O.O.
72: Marek GÓRNIOCZEK, Dariusz ZIELINSKI, Grzegorz MUSIOL, Adam SZCZEPONIK, Kamil BINCZYK, Wojciech KOLTON, Aleksandra SAWODNI, Andrzej KOPACZ
33: PL 31: P.417024 32: 2016-04-28

54: WHEEL DETECTOR FOR DETECTING A WHEEL OF A RAIL VEHICLE

00: -

The invention relates to A wheel detector (CK) for detecting a wheel of a rail vehicle, which wheel detector (CK) comprises two detector channels, wherein a) each channel (A, B) comprises a coil unit (MC_A, MC_B) which is connected with a measurement and feeding module (MP_A, MP_B) of the respective channel (A, B) for feeding the coil unit (MC_A, MC_B) with an output signal of the measurement and feeding module (MP_A, MP_B), wherein a decision module (MD_A, MD_B) of the respective channel (A, B) is bi-directionally connected to the measurement and feeding module (MP_A, MP_B), b) the measurement and feeding module (MP_A, MP_B) of each channel (A, B) comprises a temperature measurement module (PT_A, PT_B) and/or a module for measurement of mechanical vibration (PP_A, PP_B), that is/are connected with an input /with inputs of a decision module (MD_A, MD_B) of the channel (A, B), c) the decision modules (MD_A, MD_B) are connected with each other via a bidirectional digital interface, d) the decision module (MD_A) of one of the channels is connected via a bidirectional digital interface (IMD) with a data transmission module (MT) for communication between the wheel detector (CK) and a supervisory system via a data transmission line (D).

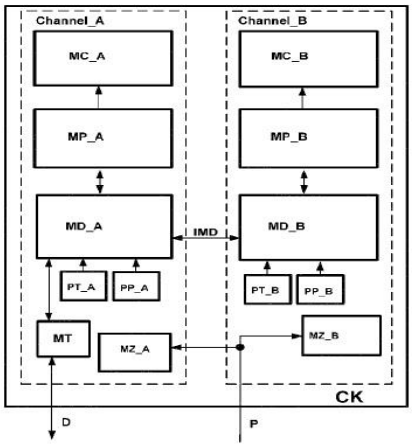


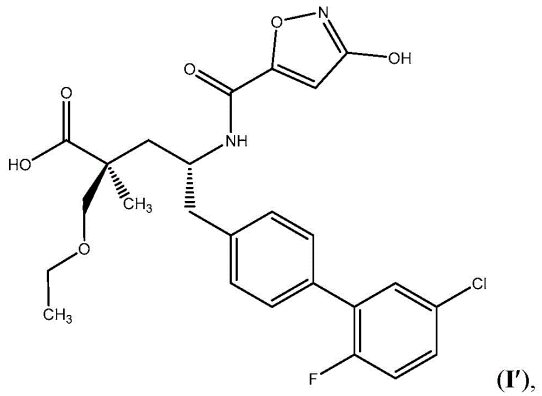
fig.1

21: 2018/05840. 22: 2018/08/30. 43: 2019/05/24
51: A61K; A61P; C07D
71: Theravance Biopharma R&D IP, LLC
72: HUGHES, Adam D., FLEURY, Melissa, RAPTA, Miroslav, THALLADI, Venkat R., FASS, Gene Timothy, SIMEONE, Michael, BALDWIN, R. Michael, BOURDET, David L.
33: US 31: 62/305,393 32: 2016-03-08

54: CRYSTALLINE (2S,4R)-5-(5'-CHLORO-2'-FLUORO- [1,1'-BIPHENYL]-4-YL)-2-(ETHOXYMETHYL)-4-(3-HYDROXYISOXAZOLE-5-CARBOXAMIDO)-2-METHYLPENTANOIC ACID AND USES THEREOF

00: -

In one aspect, the invention relates to a crystalline form of the structure: or a pharmaceutically acceptable salt thereof, having neprilysin inhibition activity. In another aspect, the invention relates to pharmaceutical compositions comprising this crystalline form; methods of using this crystalline form and its soluble form (I); and processes for preparing soluble (I) and crystalline (I') forms.



(I'),

21: 2018/05866. 22: 2018/08/31. 43: 2019/05/02
51: E21D
71: SPIROTECH MINING SERVICES (PTY) LTD.
72: HEINEMANN, LIONEL CLIFFORD
33: ZA 31: 2017/03747 32: 2017-05-31
54: A MINE BAG
00: -
This invention concerns a method of manufacturing a mine bag. The method includes the steps of providing a sleeve having a first end portion and a second end portion, folding the first end portion into the sleeve, aligning the first end portion with the second end portion and then connecting the first and second end portions to one another to create an internal volume in which a filling medium may, in use, be received. The invention also concerns a mine bag made using the method.

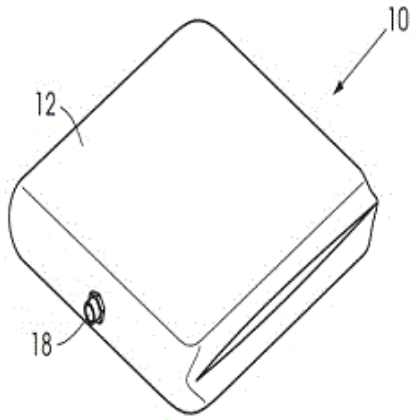


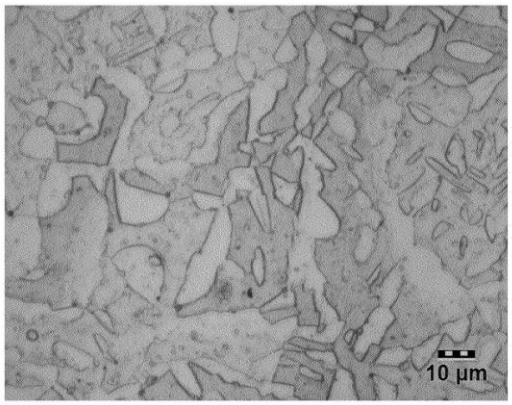
Fig. 1

21: 2018/05871. 22: 2018/08/31. 43: 2019/05/09
51: C07C
71: Unichem Laboratories Ltd.
72: SATHE, Dhananjay, D., DAS, Arijit, RAIKAR, Sanjay, BHAGWATKAR, Rahul, AHIRE, Ramdas
33: IN 31: 201621033097 32: 2016-09-28
54: AN IMPROVED PROCESS FOR THE PREPARATION OF LACOSAMIDE
00: -
The present invention relates to an improved process for the synthesis of (R)- Lacosamide in which free base of O-methyl-N-benzyl-D-Serinamide is not isolated before acylation. The process avoids the use of column chromatography and chiral resolution for the preparation of different stages of Lacosamide. (FR) La présente invention concerne un procédé amélioré pour la synthèse de (R)-Lacosamide dans lequel la base libre de O-méthyl-N-benzyl-D-sérinamide n'est pas isolée avant l'acylation. Le procédé évite l'utilisation d'une chromatographie sur colonne et d'une résolution chirale pour la préparation de différents stades de Lacosamide.

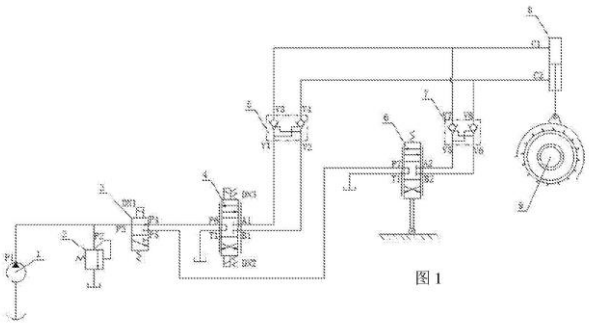
21: 2018/05877. 22: 2018/08/31. 43: 2019/05/09
51: B22F; C21D; C22C
71: KSB SE & Co. KGaA
72: BÖHM, Alexander, BRAUN, Stephan, RAUNER, Holger, SCHRAMM, Bernd, STEIN, Adrian
33: DE 31: 10 2016 003 105.0 32: 2016-03-15
54: METHOD FOR PRODUCING COMPONENTS FROM A DUPLEX STEEL, AND COMPONENTS PRODUCED USING SAID METHOD
00: -
The invention relates to a method for producing components from a duplex steel, and to a component produced using same. For this, an austenitic phase is embedded in a ferritic matrix in the form of grains. A powder-type starting material, produced from a duplex steel, is melted in a locally defined manner using a laser beam and subsequently hardened, which starting material contains an austenitic and ferritic phase, each preferably in approximately equal proportions, together with further alloy elements. The powder-type starting material is applied to a substrate in layers, and the laser beam is directed onto each individual layer after application, such that the component is additively successively constructed. The component constructed in this way is subsequently subjected to a heat treatment, in which a solution annealing of the austenitic phase is

achieved, wherein the heat treatment is carried out in a temperature range for the respective maximum temperature between 850 °C und 1,100 °C, and the component is cooled after a predefinable dwell time has elapsed. The grain size and the grain size number G of the austenitic phase is influenced by the defined selection of the respective maximum temperature and/or the dwell time of the maximum temperature, and a grain size number G of at least 9 according to ASTM is observed.

Fig. 1



21: 2018/05898. 22: 2018/09/03. 43: 2019/05/10
51: F15B
71: Nanjing Freetech Road Maintenance Vehicle Manufacturing Corporation
72: SHI, Weibin, ZOU, Hai, WANG, Huiwen
33: CN 31: 201710555485.4 32: 2017-07-10
54: MATERIAL COLLECTOR LEVELING CYLINDER HYDRAULIC CONTROL SYSTEM
00: -
A material collector leveling cylinder hydraulic control system, comprising a hydraulic pump (1), a two-position three-way electric control reversing valve (3), a three-position four-way electric control reversing valve (4), a three-position four-way stroke valve (6) and a hydraulic cylinder (8). An oil inlet (P3) of the two-position three-way electric control reversing valve (3) is connected to the hydraulic pump (1), one oil outlet (P4) of the two-position three-way electric control reversing valve (3) is connected to an oil inlet (P6) of the three-position four-way electric control reversing valve (4), and another oil outlet (P5) of the two-position three-way electric control reversing valve (3) is connected to an oil inlet (P7) of the three-position four-way stroke valve (6). Two oil outlets of the three-position four-way electric control reversing valve (4) are respectively connected to a front oil port (C2) and a rear oil port (C1) of the hydraulic cylinder (8) after passing through a hydraulic lock (5). Two oil outlets of the three-position four-way stroke valve (6) are also respectively connected to the front oil port (C2) and the rear oil port (C1) of the hydraulic cylinder (8) after passing through the hydraulic lock (5). The present invention uses an electric control system to control leveling, includes the hydraulic stroke valve to control automatic leveling of the cylinder, and can be used in an independent or switching manner in order to achieve a better leveling effect.



21: 2018/05900. 22: 2018/09/03. 43: 2019/05/09
51: C07H
71: Galectin Sciences, LLC
72: SHECHTER, Sharon, ZOMER, Eliezer, TRABER, Peter G., NIR, Raphael, JOHNSON, Joseph M., GEORGE, Ryan
33: US 31: 62/303,872 32: 2016-03-04
54: SELENOGALACTOSIDE COMPOUNDS FOR THE PREVENTION AND TREATMENT OF DISEASES ASSOCIATED WITH GALECTIN AND THE USE THEREOF
00: -
Aspects of the invention relate to novel synthetic compounds having a binding affinity with galectin proteins.

21: 2018/05902. 22: 2018/09/03. 43: 2019/05/09
51: B07C; B25J; B65B; G01N
71: De Greef's Wagen-, Carrosserie- en Machinebouw B.V.
72: NIJLAND, Wilhelm Jan, PETERS, Dirk Gijsbertus, HARTMAN, Tycho Marinus
33: NL 31: 2016363 32: 2016-03-04

54: PACKAGING DEVICE AND SORTING SYSTEM FOR DIRECTIONAL PACKAGING OF PRODUCTS AND METHOD THEREFOR

00: -

The present invention relates to a packaging device and sorting system (82) for directional packaging of products (P), such as vegetables and fruit, and a method therefore. The packaging device according to the invention comprises: - a sensor system (54) configured to detect a collection of suitable pick-up points; - at least one directing unit (16) configured to direct a product and provided with at least one degree of freedom for rotation of the product around a substantially horizontal rotation axis; and - a manipulator (28) comprising: - a pick-up element (44); and - a moving device (30) comprising at least four degrees of freedom for translation of the product and rotation around a substantially horizontal axis, wherein a rotation of the product around a substantially vertical rotation axis is possibly by means of providing the moving device and/or directing unit with an additional degree of freedom.

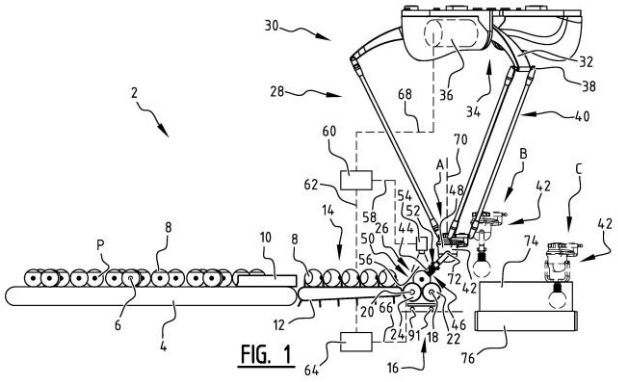


FIG. 1

21: 2018/05904. 22: 2018/09/03. 43: 2019/05/09
51: A41G; D01F
71: KANEKA CORPORATION
72: TANAKA, Takeshi, HASHIMOTO, Tomomichi, OKUMURA, Sota
33: JP 31: 2016-062284 32: 2016-03-25

54: ACRYLIC FIBER FOR ARTIFICIAL HAIR, METHOD FOR PRODUCING SAME, AND HEAD DECORATION ARTICLE CONTAINING SAME

00: -

The present invention relates to an acrylic fiber for artificial hair, which comprises an acrylic polymer, wherein the acrylic polymer contains acrylonitrile, vinyl chloride and/or vinylidene chloride and a sulfonic-acid-group-containing vinyl monomer in amounts of 29.5 to 79.5% by mass, 20 to 70% by mass and 0.5 to 5% by mass, respectively, relative to the whole mass of the acrylic polymer, the acrylic fiber for artificial hair contains a condensed phosphate salt, and the content of the condensed phosphate salt in the acrylic fiber for artificial hair is 0.05 to 0.57% by mass. Thus, provided are: an acrylic fiber for artificial hair, which comprises an acrylic polymer produced by copolymerizing acrylonitrile with vinyl chloride and/or vinylidene chloride, has a good sensation upon touch and good gloss, and rarely undergoes the generation of odiferous components during heating; a method for producing the acrylic fiber for artificial hair; and a head decoration article containing the acrylic fiber for artificial hair.

21: 2018/05905. 22: 2018/09/03. 43: 2019/05/09
51: A61K
71: SAGE THERAPEUTICS, INC.
72: KANES, Stephen, Jay, COLQUHOUN, Helen
33: US 31: 62/305,279 32: 2016-03-08
33: US 31: 62/355,669 32: 2016-06-28
33: US 31: 62/360,758 32: 2016-07-11
33: US 31: 62/355,174 32: 2016-06-27
33: US 31: 62/360,762 32: 2016-07-11

54: NEUROACTIVE STEROIDS, COMPOSITIONS, AND USES THEREOF

00: -

Described herein are methods of treating a disorder, e.g., tremor, e.g., essential tremor; depression, e.g., postpostum depression; and anxiety disorder, the method comprising administering to a human subject suffering from a disorder, e.g., tremor, e.g., essential tremor; depression, e.g., postpostum depression, an anxiety disorder with a neuroactive steroid or a composition comprising a neuroactive steroid (e.g., pregnanolone, allopregnanolone, alphadalone, ganaxolone, or alphaxolone).

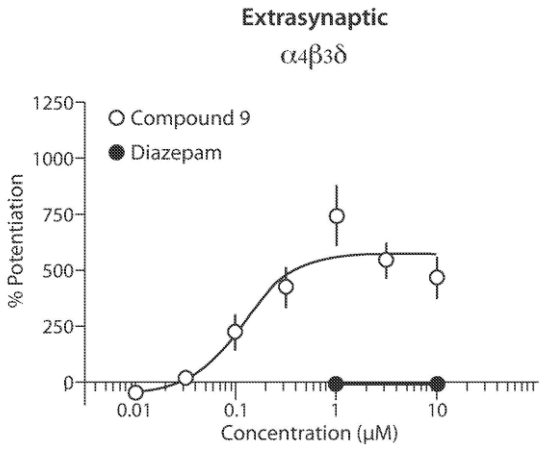


FIG. 1A

21: 2018/05911. 22: 2018/09/04. 43: 2019/05/09
51: G06F
71: DISCOVERY LIMITED
72: FRIEDLANDER, GARETH, KALLNER, HYLTON
33: ZA 31: 2017/06204 32: 2017-09-12
54: A LIFE INSURANCE PAYMENT CALCULATION SYSTEM AND METHOD
00: -
An automated life insurance payment calculation method system is provided which includes a database operatively connected to a server and containing stored data therein including an identification of a plurality of persons insured by a life insurer, for each person insured details of their life insurance plan, details of at least one child and information relating to a status of the insured person with a wellness program with which the insured person has engaged. A communications module is used for receiving wellness data for the insured person including information relating to the compliance of the insured person with a wellness program. At least one processor is operatively coupled to the database, the at least one processor having executable instructions thereon to calculate an amount payable under a university funder benefit of an insurance plan on the occurrence of an insured event. The processor periodically receives wellness data for the insured person including information relating to the compliance of the insured person with a wellness program and then calculates a percentage value of the benefit to be paid to a third party tuition institution on behalf of the insured person only if an insured event does has not occurred by a predetermined time. The percentage of the payment is based on the compliance of the insured person with a wellness program so that the higher the compliance the higher the percentage value.

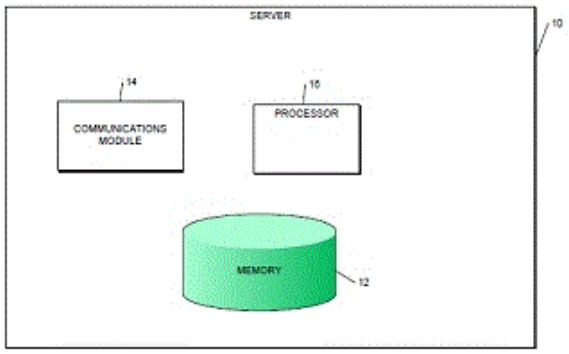


FIGURE 1

21: 2018/05913. 22: 2018/09/04. 43: 2019/05/09
51: A61K; A61P; C12N
71: YAMAGUCHI UNIVERSITY
72: TAMADA, Koji, SAKODA, Yukimi, ADACHI, Keishi
33: JP 31: 2016-053913 32: 2016-03-17
54: IMMUNOCOMPETENT CELL AND EXPRESSION VECTOR EXPRESSING REGULATORY FACTORS OF IMMUNE FUNCTION
00: -
The present invention addresses the problem of providing: an immunocompetent cell in which regulatory factors of immune function from immunocompetent cells are expressed in the immunocompetent cell, and which combines proliferative capacity, viability, and a capacity for T-cell accumulation; and an immune function regulatory factor expression vector for preparing said immunocompetent cell. An immunocompetent cell is prepared which expresses interleukin 7 (IL-7), CCL19, and a cell surface molecule for specifically recognizing cancer antigens. The cell surface molecule for specifically recognizing cancer antigens is preferably a T-cell receptor that specifically recognizes cancer antigens, and the immunocompetent cell is preferably a T-cell.

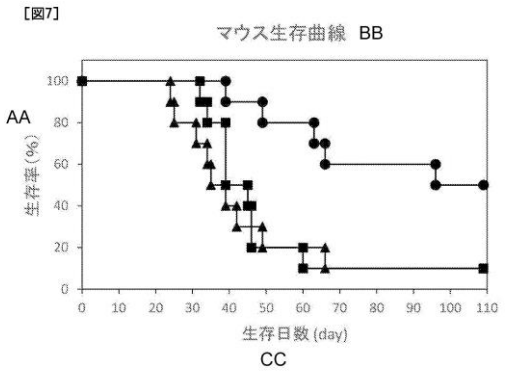


FIG. 7:
AA Survival rate
BB Mouse survival curve
CC Survival time (day)

21: 2018/05920. 22: 2018/09/04. 43: 2019/05/15
51: A61K; A61P; C07D
71: AstraZeneca AB
72: CHAOYI, Deng
33: PCT/CN 31: 2016/077095 32: 2016-03-23
54: PHYSICAL FORM OF A SGR MODULATOR
00: -

A crystalline form of 2,2-difluoro-*N*-[(1*R*,2*S*)-3-methyl-1-{[1-(1-methyl-6-oxo-1,6-dihydropyridin-3-yl)-1*H*-indazol-5-yl]oxy}-1-phenylbutan-2-yl]propanamide (form C), pharmaceutical compositions containing it and its use in therapy.

21: 2018/05921. 22: 2018/09/04. 43: 2019/05/15
51: B64C
71: Leonardo S.p.A.
72: BOSCARINO, Aurelio Calcedonio, BECCARO, Alberto, IAIA, Pierclaudio, CATINO, Nicola Italo, CURLETTO, Diego, DE SIMONE, Davide, LO VERDE, Luciana, DI STEFANO, Paolo, REGIS, Silva, BARGETTO, Riccardo
33: IT 31: 102016000029062 32: 2016-03-21
54: TAIL-LESS UNMANNED AERIAL VEHICLE
00: -
An aerial vehicle (10, 110) comprises a fuselage (12) situated at the center and a main wing body comprising a pair of half-wings (14) extending on transversely opposite sides of the fuselage (12), each half-wing (14) comprising an orientable horizontal surface or plane which acts as an aerodynamic control and a fixed winglet (16).

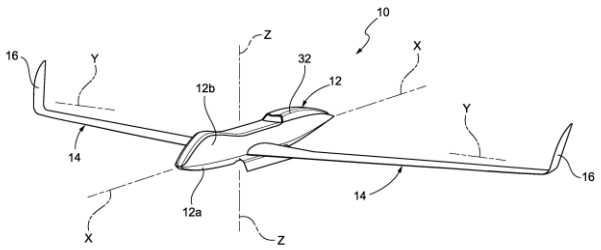


Fig. 1

21: 2018/05938. 22: 2018/09/05. 43: 2019/05/14
51: A24F; H05B
71: PHILIP MORRIS PRODUCTS S.A.
72: MIRONOV, Oleg, ZINOVIK, Ihar, Nikolaevich
33: EP 31: 16172198.0 32: 2016-05-31
54: FLUID PERMEABLE HEATER ASSEMBLY FOR AEROSOL-GENERATING SYSTEMS
00: -
The fluid permeable heater assembly for aerosol-generating systems comprises an electrically conductive flat filament arrangement and a first contact point (28) and a second contact point (48) for electrically contacting the flat filament arrangement, wherein a longitudinal axis is defined between the first contact point (28) and the second contact point (48). A center resistance Rc is the electrical resistance between two points situated on the longitudinal axis, one of the two points being situated at a distance from the first contact point (28) equal to 40 percent and the other one of the two points being situated at a distance from the first contact point (28) equal to 60 percent. A first resistance R1 is an electrical resistance between the first contact point (28) and a point situated on the longitudinal axis at a distance from the first contact point (28) equal to 20 percent and a second resistance R2 is an electrical resistance between the second contact point (48) and a point situated on the longitudinal axis at a distance from the first contact point (28) equal to 80 percent. A ratio of the center resistance to first resistance Rc/R1 is between 2 and 400 and a ratio of the center resistance to the second resistance Rc/R2 is between 2 and 400.

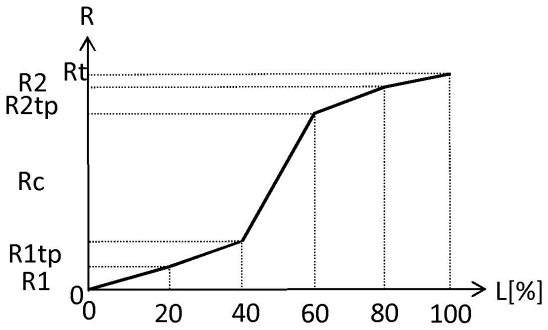
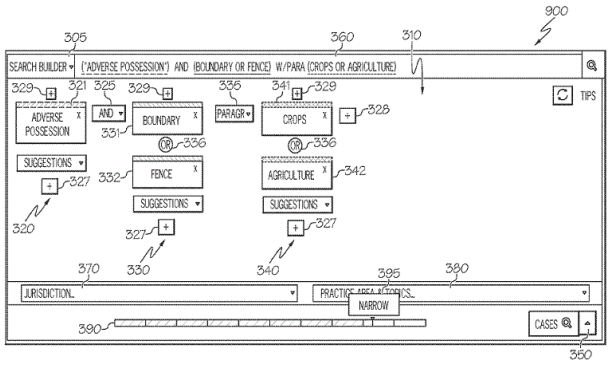


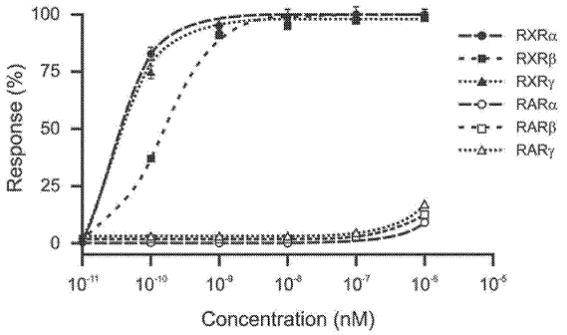
Fig. 1

21: 2018/05939. 22: 2018/09/05. 43: 2019/05/14
51: G06F
71: LEXISNEXIS, A DIVISION OF REED ELSEVIER INC.
72: MILLER, Richard, D., MYERS, Jacob, Aaron, MEHRA, Gaurav, FRASCONE, Todd, J., JALLES, Jordan
33: US 31: 15/041,137 32: 2016-02-11
54: SYSTEMS AND METHODS FOR SEARCHING DATABASES USING GRAPHICAL USER INTERFACES THAT INCLUDE CONCEPT STACKS
00: -
Systems and methods for searching databases using graphical user interfaces that include concept stacks are disclosed. A method includes providing for display graphical user interface comprising a query building canvas. The graphical user interface includes concept stacks that include stacked concept nodes associated with query terms that are joined with Boolean ORs. The concept stacks are connected by a conjunctive proximity connector that joins the query expressions associated with each concept stack. The graphical user interface includes a connector node that includes a graphical indication of the conjunctive proximity connector. The method further includes generating a search query to include query expressions associated with the concept stacks that are connected by the conjunctive proximity connector. The method further includes searching the database using the search query to identify the result set of documents.



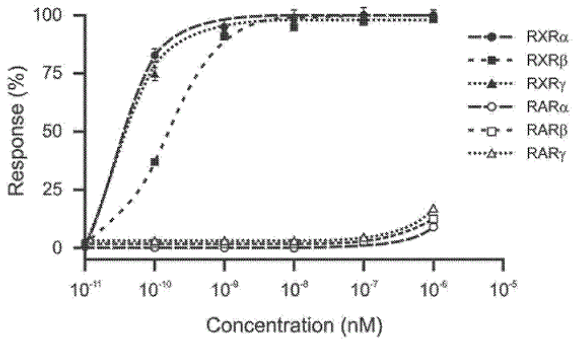
21: 2018/05940. 22: 2018/09/05. 43: 2019/05/14
51: A61K A61P C07C
71: IO THERAPEUTICS, INC.
72: CHANDRARATNA, Roshantha, A., SANDERS, Martin, E.
33: US 31: 62/306,472 32: 2016-03-10
54: TREATMENT OF MUSCULAR DISORDERS WITH COMBINATIONS OF RXR AGONISTS AND THYROID HORMONES
00: -
The present specification provides methods of treating a muscular disorder with a combination of a RXR agonist and a thyroid hormone.

FIG. 1



21: 2018/05941. 22: 2018/09/05. 43: 2019/05/14
51: A61K A61P C07C
71: IO THERAPEUTICS, INC.
72: CHANDRARATNA, Roshantha, A., SANDERS, Martin, E.
33: US 31: 62/306,479 32: 2016-03-10
54: TREATMENT OF AUTOIMMUNE DISEASES WITH COMBINATIONS OF RXR AGONISTS AND THYROID HORMONES
00: -
The present specification provides methods of treating autoimmune diseases with a combination of a RXR agonist and a thyroid hormone.

FIG. 1



21: 2018/05972. 22: 2018/09/06. 43: 2019/05/17
51: H04W; F41H; B65D
71: GP TECHNOLOGY (PTY) LTD
72: COLE, ROBERT PERCIVAL
54: A SECURITY DEVICE, SYSTEM AND METHOD
00: -
The invention relates to a security device 12 and system 10. The security device 12 includes a monitoring module 20 and a security module 30. The monitoring module 20 is configured to identify at least one potential security risk which is associated with a particular area/location 14 and/or asset/article, when in use. The area 14 may be an access-restricted area, preferably an access-restricted area accessible via a manhole 16. The security module 30 is configured to detect the presence of at least one authorised device 40, which forms part of the security system 10, wirelessly. The security module 30 is also further configured to raise/initiate an alert/alarm if (a) the monitoring module 20 identifies the potential security risk, and (b) no authorised device 40 is detected by the security module 30.

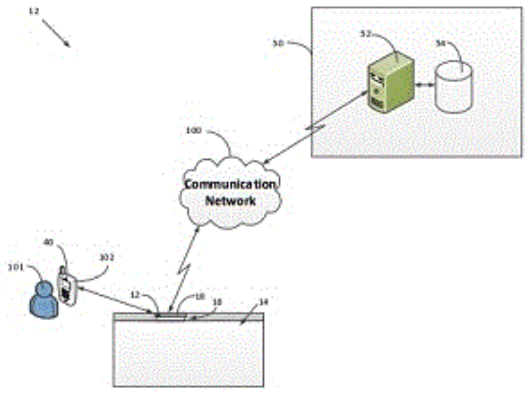
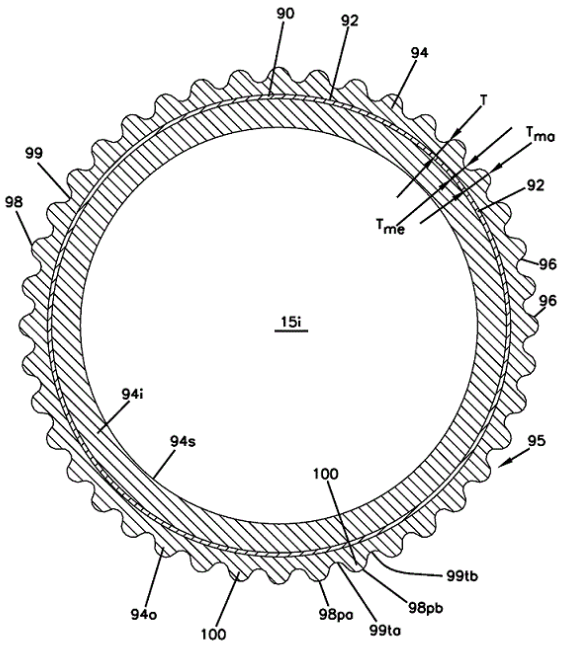


FIG. 1

21: 2018/05984. 22: 2018/09/06. 43: 2019/05/14
51: B01D
71: DONALDSON COMPANY, INC.
72: ADAMEK, Daniel, NELSON, Benny, NELSON, David, MATALAMAKI, Dave
33: US 31: 62/294,690 32: 2016-02-12
54: FILTER ELEMENTS, AIR CLEANER ASSEMBLIES, AND METHODS OF USE AND ASSEMBLY
00: -
Air cleaner assemblies, components therefor, and features thereof are described. Also described are methods of assembly and use. In depicted examples, the air cleaner assemblies and components optionally use advantageous housing seal features. Methods of assembly and use are described.

FIG. 6A



21: 2018/05987. 22: 2018/09/06. 43: 2019/05/15
51: B66C; B66D
71: Konecranes Global Corporation
72: LINDBERG, Teppo
33: FI 31: 20165261 32: 2016-03-29
54: CRANE TROLLEY
00: -
The invention relates to a trolley of a crane, arranged to move along a main support structure (2) of the crane, whereby the trolley (1) comprises a support frame structure (3); bearing wheels (4) which are fastened to the support frame structure and by means of which the trolley is ar- ranged to move along the main support structure; a hoisting mechanism that has a rope drum (5) for a hoisting rope, a rope pulley arrangement (7) through which the hoisting rope may be guided from the rope drum to a fixed fastening point on the trolley, and a hoisting member in cooperation with the hoisting rope for hoisting a load; whereby the rope drum (5) is supported to the support frame structure of the trolley so that the axle (5a) of the rope drum is parallel to the main support structure; whereby the rope pulley ar- rangement (7)is located, in the axial direction of the rope drum (5), at least partly outside one rope drum end which is on the side of said fastening point; and whereby the support frame structure (3) is divided into two separate frame parts, whereby the first frame part (3a) supports the rope pulley arrangement and the rope drum end on the side thereof, and whereby the second frame part (3b) supports the opposite end of the rope drum.

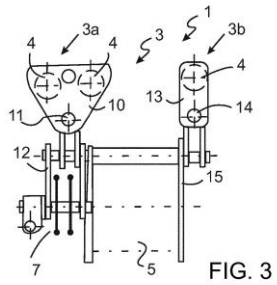


FIG. 3

21: 2018/06007. 22: 2018/09/07. 43: 2019/05/13
51: C10M
71: Afton Chemical Corporation
72: KARVE, Anand, NANDURKAR, Vishal
33: US 31: 15/872,518 32: 2018-01-16
54: A NOVEL GREASE AND METHODS OF MAKING THE SAME
00: -
The present disclosure relates to high performance calcium sulfonate greases with enhanced performance benefits and methods for making the same.

21: 2018/06018. 22: 2018/09/07. 43: 2019/05/16
51: B01J; C01G; C09C
71: LANXESS Deutschland GmbH
72: CZAPLIK, Waldemar
33: EP(DE) 31: 16159507.9 32: 2016-03-09
54: PREPARATION OF RED IRON OXIDE PIGMENT
00: -
The invention relates to an improved method for preparing red iron oxide pigments in a Penniman process using nitrate (also called nitrate process or direct red process) as well as to devices for carrying out said method.

21: 2018/06025. 22: 2018/09/07. 43: 2019/05/14
51: H01M
71: ACKERMANN, Christiaan Gerhardus
72: ACKERMANN, Christiaan Gerhardus
33: ZA 31: 2016/01867 32: 2016-03-17
54: A battery module and a modular battery system
00: -

The invention relates to a battery module 10 and to a modular battery system 50 comprising a number of modules 10 which are interconnected by way of complementary, mating electrical connectors, in plug-and-play fashion. Each module 10 includes a cell 12 housed within a housing 14, a first pair of electrical connectors 20, 21 disposed on opposite end faces and a second pair of electrical connectors 22, 23 arranged on opposing top and bottom faces and switching circuitry 27 which includes a pair of switches 26, 28 and switchgear which are configured automatically to connect/disconnect the cell 21 from the electrical connectors depending on a position of the respective switches 26, 28 in order to prevent incorrect installation of the modules 10. Furthermore, an advantage of the system 50 is the ease of interconnection and disconnection without needing tools to secure the modules together.

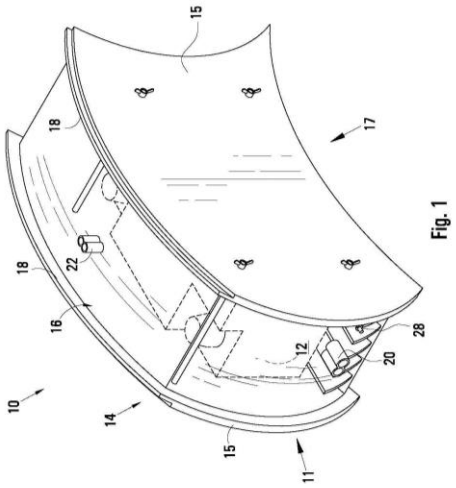


Fig. 1

21: 2018/06039. 22: 2018/09/10. 43: 2019/05/17
51: A01K
71: JYMEB SOLUTIONS PROPRIETARY LIMITED
72: LAWRENCE, Bassil

54: POULTRY FEEDERS AND METHOD AND ADAPTOR FOR REPAIRING SAME

00: -

A method of repairing a plastics poultry feeder comprising a vertical drop tube, a hanger formation at an upper of the drop tube for connection to a feed conveyor tube and a feed pan for receiving feed, wherein the poultry feeder is damaged at or near the hanger formation, includes severing an upper end region of the drop tube thereby removing the hanger formation and attaching an adaptor 10 to the drop tube. The adaptor 10 comprises an annular support body 12 and a replacement hanger formation 14. The support body is fitted into the upper end of the severed drop tube. A lower end region of the replacement hanger formation 14 is fitted into the support body. The replacement hanger formation includes a vertical feed tube 20 and a pair of upwardly-extending legs 24.1 and 24.2 which are configured to be snap-fitted onto a feed conveyor. The invention extends to the adaptor 10.

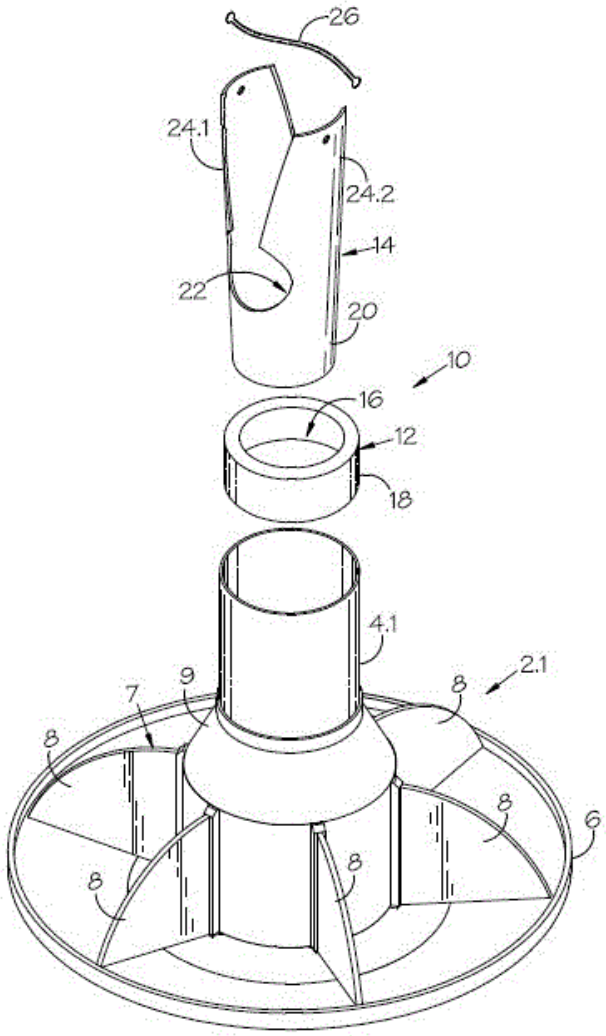


Fig. 4

21: 2018/06044. 22: 2018/09/10. 43: 2019/05/16
51: A24F; H05B
71: PHILIP MORRIS PRODUCTS S.A.
72: MIRONOV, Oleg, ZINOVIK, Ihar, Nikolaevich
33: EP 31: 16172195.6 32: 2016-05-31

54: FLUID PERMEABLE HEATER ASSEMBLY FOR AEROSOL-GENERATING SYSTEMS AND FLAT ELECTRICALLY CONDUCTIVE FILAMENT ARRANGEMENT FOR FLUID PERMEABLE HEATER ASSEMBLIES

00: -

An electrically conductive flat filament arrangement for a fluid permeable heater assembly for aerosol-generating systems and a heater assembly for aerosol-generating systems. The flat filament arrangement comprises a center portion (3) and two side portions (2, 4), wherein the two side portions (2, 4) are arranged on opposite sides of the center portion (3). The center portion (3) defines a heating region of the filament arrangement and the side portions (2, 4) define electrical contact regions of the filament arrangement. The center portion (3) and the two side portions (2, 4) each comprise a plurality of openings, each plurality of openings defining an open area of the center portion (3) and an open area of each of the two side portions (2, 4). The percentage of the total area of the center portion (3) comprising the open area of the center portion (3) is greater than the percentage of the total area of one of the side portions (2, 4) comprising the open area of the side portion (2, 4).

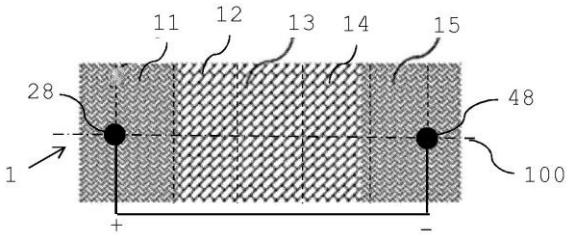


Fig. 1a

21: 2018/06045. 22: 2018/09/10. 43: 2019/05/14
51: A61B
71: ORSUS MEDICAL LIMITED
72: CHAUDHRY, Sabih
33: GB 31: 1602773.2 32: 2016-02-17

54: APPARATUS FOR MEASURING THE CONCENTRATION OF TARGET SUBSTANCES IN BLOOD

00: -

A non-invasive testing apparatus for determining a concentration of a target substance, such as blood sugar, blood alcohol, cholesterol, etc., in a patient's blood involves applying an output RF signal (102) to the skin of a patient via an antenna (20), and measuring the amplitude and phase of a response signal, which is a function of the output RF signal (102) modified by an interaction with the patient's blood. Measurements are taken at different output RF frequencies (310), and the response (300) is plotted as a function of frequency (310). Various parameters (552, 554, 556, 550, 408, 410) are derived from the shape of the resulting plots, namely any or more of: a resonance frequency shift; a Q factor of the resonance; a group delay; a phase shift; an amplitude variation; a shape factor of the plot; and a gradient of the plot at different frequencies. Models of the derived parameters as a function of concentration of the target substance in blood are used to arrive at a determination of the latter. Further elements are a circuit (1000) for obtaining the amplitude and phase measurements, a calibration device (5008), a system (3000) for attaching the apparatus to the patient's body using a pulley belt, and an inflatable bladder system (4000) for ensuring proper sensor contact.

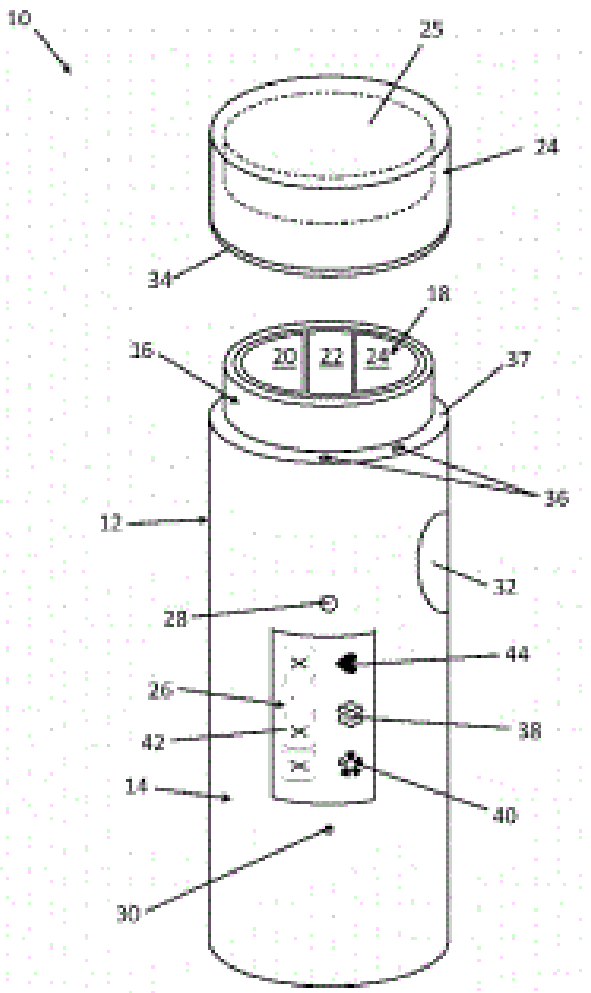


FIGURE 1

21: 2018/06046. 22: 2018/09/10. 43: 2019/05/15
51: A61F; A61M
71: SMITH & NEPHEW PLC
72: ASKEM, Ben, Alan, BEADLE, Victoria, HUNT, Allan, Kenneth, Frazer, Grugeon, GOWANS, John, Philip, KELBIE, William, HESKETH, Mark, MUSGRAVE, Damyn, ROBINSON, Joseph, William
33: US 31: 62/305926 32: 2016-03-09
33: US 31: 62/327537 32: 2016-04-26
33: US 31: 62/304790 32: 2016-03-07
33: US 31: 62/304910 32: 2016-03-07

54: WOUND TREATMENT APPARATUSES AND METHODS WITH NEGATIVE PRESSURE SOURCE INTEGRATED INTO WOUND DRESSING

00: -

Disclosed embodiments relate to apparatuses and methods for wound treatment. In some embodiments, a negative pressure source is incorporated into a wound dressing apparatus so that the wound dressing and the negative pressure source are part of an integral or integrated wound dressing structure that applies the wound dressing and the negative pressure source simultaneously to a patient's wound. The negative pressure source and/or electronic components may be positioned between a wound contact layer and a cover layer of the wound dressing. The negative pressure source and/or electronic components may be separated and/or partitioned from an absorbent area of the dressing. A switch may be integrated with the wound dressing to control operation of the wound dressing apparatus. A connector may be direct air from an outlet of the negative pressure source to the environment. A non-return valve may inhibit back flow of air into the wound dressing.

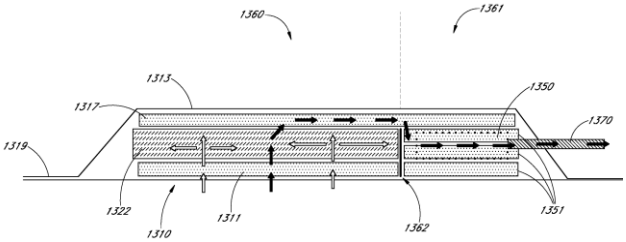


FIG. 14

21: 2018/06050. 22: 2018/09/10. 43: 2019/05/21
51: F16K; H02J; H02P
71: Karl Dungs GmbH & Co. KG
72: OBERMÖLLER, Nils, MARX, Dominic, BÖS, Benjamin

54: VALVE ACTUATING DRIVE

00: -

The invention relates to a valve drive (10) having damping circuitry comprising a capacitive damping circuit (37), which is activated in the event of generator operation of the stepper motor (18). The damping circuitry, together with the motor winding (26), forms a resonance assembly LCR, which has the effect of stabilizing and controlling rotational speed. The rotational speed of the stepper motor (18), running in generator operation, is constantly held within limits, without the control intervention of control circuitry. Therefore, the damping circuity can operate even in the currentless state of the control

system and is reliable regardless of external current supply. Fast closing is achieved, and excessively long post-running of the motor (18) is reliably prevented.

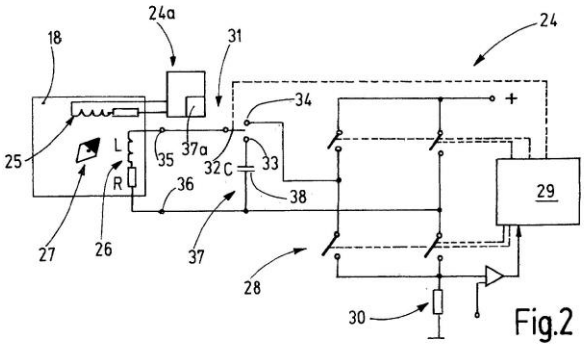


Fig.2

21: 2018/06051. 22: 2018/09/10. 43: 2019/05/16
51: F16K
71: Karl Dungs GmbH & Co. KG
72: LANG, Martin, BÖS, Benjamin, OBERMÖLLER, Nils

54: VALVE SERIES

00: -

The valve series of the invention comprises multiple valve types (A, B, C) with valves of different sizes and structures; several valve types (A, B, C) of the valve series (11), preferably all of them, have uniform valve drives (21), the valve closing members (19) of the valves (10, 12, 13) performing the same lift even though they can be designed differently and especially can have different diameters. Furthermore, the closing springs (20) of the different valve types (A, B, C) can have different spring load deflection characteristics and different stiffnesses.

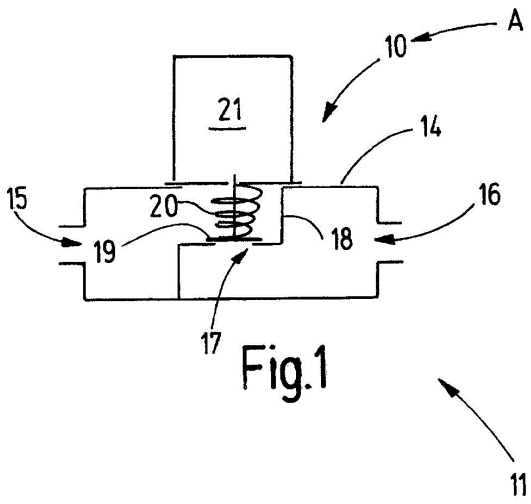


Fig.1

21: 2018/06052. 22: 2018/09/10. 43: 2019/05/16
51: F16K; F23K; H02M
71: Karl Dungs GmbH & Co. KG
72: OBERMÖLLER, Nils

54: VALVE TRAIN

00: -

The invention relates to a valve train (10) that is in particular suited for gas valves (11) having safety shut-off function, comprising an electric motor (12), in particular a stepper motor, that opens, and also closes if need be, the valve above a gear mechanism (15). A voltage supply device (19), which is part of the valve drive, is required for the operation of the electric motor (12). Optionally, said voltage supply device has an input rectifier circuit and a buffer device (24) connected thereto, for example, in the form of a capacitor C. From the voltage buffered by the capacitor C, a motor drive circuit (25) obtains the energy for operating the electric motor (12). In order to prevent the valve (11) from being kept open too long after the voltage supply at the input (20) has been switched off, a switch-off device (34) is provided, which, after elimination of the voltage at the input (20), cuts off the energy flow from the voltage buffer device (24) to the electric motor (12). The valve drive can thus be designed for a very wide operating voltage range of, for example, 85 V to 265 V or 12 to 36 V, wherein, regardless of the magnitude of the voltage used, a uniformly short switch-off time, i.e. valve closing time, is ensured.

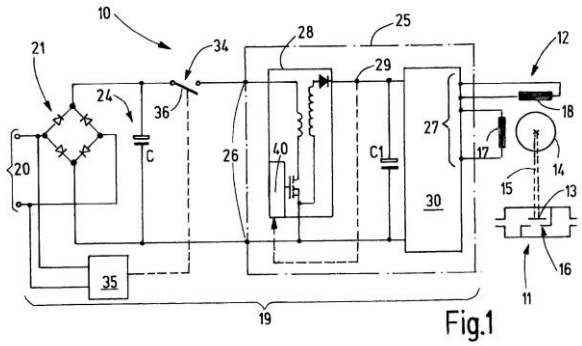
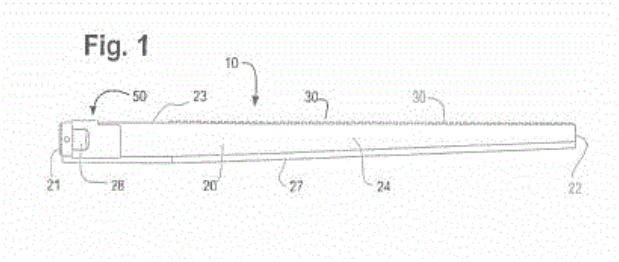


Fig.1

21: 2018/06065. 22: 2018/09/11. 43: 2019/05/13
51: C11D
71: MELTZER, Millicent, Dawn
72: MELTZER, Millicent, Dawn
33: ZA 31: 2017/06144 32: 2017-09-11
54: A WATER SAVING FOAMING COMPOSITION
00: -
The invention provides a water saving foaming composition for covering and/or masking the appearance and/or odour of the contents of the bowl of a flushable toilet after it has been used, said water saving foaming composition including a foaming agent comprising a saturated fatty acid, a non-ionic surfactant, an emulsifier, a thickener, an anti-microbial agent, a viscosity modifier, and a fragrance.

21: 2018/06066. 22: 2018/09/11. 43: 2019/05/13
51: A47J; F23D; F23N
71: Weber-Stephen Products LLC
72: ALDEN, J. Michael, SHOEB, Mohammed, SCHMESKI, Kevin James, DIAZ, Luis, MUGICA, Jose Ignacio, ALAVA, Isabel, ALBIZURI, Inigo
33: US 31: 15/701,542 32: 2017-09-12
54: BURNER TUBE AND VENTURI FOR GAS GRILL
00: -
The present inventions provide, among other things, tapered burner tubes having raised gas ports and a smooth interior surface free from obstructions. Venturi members creating a smooth flow of the gas/air mixture along the top of the burner tube are also provided.



21: 2018/06070. 22: 2018/09/11. 43: 2019/05/15
51: E01F; E21F
71: LOK, Brandon, RANDALL, Gerald Rhodes
72: LOK, Brandon, RANDALL, Gerald Rhodes
33: ZA 31: 2017/06173 32: 2017-09-12
54: ROCK MONITORING APPARATUS AND METHOD OF USING SAME
00: -
A rock monitoring apparatus and method of using same in underground operations to enhance safety of underground personnel and workmen, are disclosed. The apparatus being apt to be positioned into an elongate bore drilled into a rock mass, and comprises: a hollow stem; a shaft, operatively located within the stem, apt to move rectilinearly along an axis of the stem; connection means, for connecting the shaft with sidewalls of the bore such that movement of the sidewalls of the bore exert downward pressure on the shaft; an elongate indicator, operatively fitted into a main body defining a front cap, apt to warn people in the vicinity of the apparatus about movement of rock mass, and having a indicating end opposite a concealed end, moveably located within the internal chamber so as to be displaced along the axis of the hollow stem from a loaded position, wherein the indicating end sits flush with the front cap; to an intermediate warning position, wherein the indicating end protrudes from the front cap so that a first warning is effected; to a final warning position, wherein the indicating end is further displaced from the front cap so that a second warning is produced.

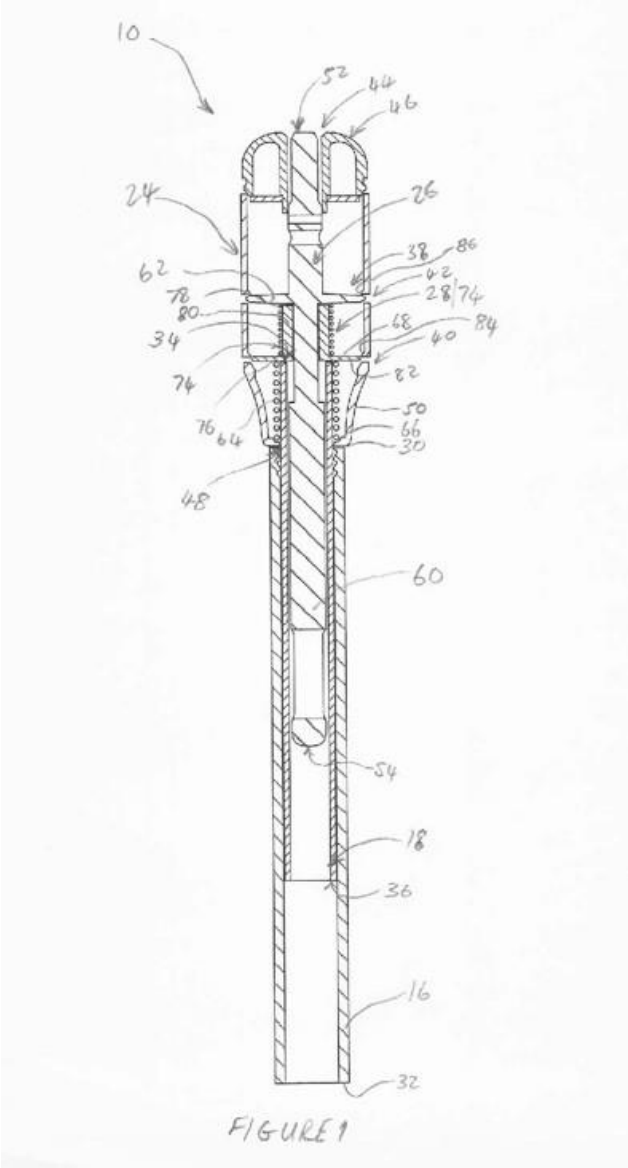


FIGURE 1

21: 2018/06072. 22: 2018/09/11. 43: 2019/05/13
51: C12N; C12P
71: INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, AGRO INDUSTRIES RECHERCHE ET DEVELOPPEMENT, IFP ENERGIES NOUVELLES
72: BEN CHAABANE, Fadhel, COHEN, Celine
33: FR 31: 1653124 32: 2016-04-08

54: METHOD FOR PRODUCING CELLULASES WITH PRETREATED LIGNOCELLULOSIC POMACE

00: -

The invention relates to a method for producing cellulolytic or hemicellulolytic enzymes comprising: a phase a) of growing a cellulolytic microorganism in a closed reactor, in the presence of at least one carbonaceous growth substrate with a concentration of 10 to 90 g/L, at a temperature of 25-30°C and a pH of 4-5.5; a phase b) of producing enzymes into which at least one inductive carbonaceous substrate is added, at a temperature of 25-27°C and a pH of 4-5, in which method said inductive substrate is a pretreated pomace resulting from a method for pretreatment of lignocellulosic material that has not undergone enzymatic hydrolysis and which is added in fed-batch or continuous mode, and which has specific features: a hydrolysis yield of more than 80% in one test and an apparent viscosity, measured in one test, of less than 1 Pa.s for a shear rate of 10 s-1.

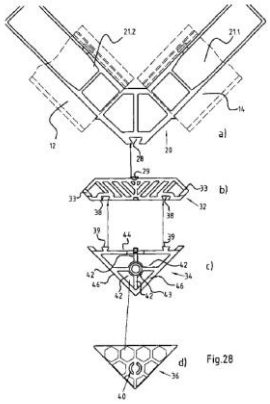
21: 2018/06082. 22: 2018/09/11. 43: 2019/06/25
51: E04F; E04G; E04H; F16B
71: WILHELM LAYHER VERWALTUNGS-GMBH
72: Helmut KRELLER
33: DE 31: 10 2016 003 869.1 32: 2016-04-05

54: FLOOR STRUCTURE FOR EVENTS

00: -

The invention relates to a floor structure for events, comprising: two side profiled sections that lie opposite and parallel to one another; two end profiled sections that lie opposite and parallel to one another and form, along with said side profiled sections, the periphery of a rectangle with open corner regions, wherein the side profiled sections and/or end profiled sections can be mounted on carrier profiled sections in order to form, for example, a stage or a podium; a floor covering attached to said end profiled sections and side profiled sections, particularly a plywood floor covering; corner connector profiles which, in the corner region in question, connect a side profiled section to an end profiled section in a load-bearing manner; and corner cap devices attached in each corner region and making the open corner region into a closed corner unit, characterised in that the corner cap device (30) comprises a plurality of separate components, specifically a base plate (32) which is attached to the corner connector profile or the side/end profiled sections and covers the outer contour of the corner connector profile and the exposed end face regions of the side and end profiled sections, as well as a corner cap unit (34) which is detachably connected to said base plate (32), makes the open corner region into a closed

corner region, and forms an acute angle with tapering walls.



21: 2018/06095. 22: 2018/09/12. 43: 2019/05/16
51: A61K
71: PHARMATHEN S.A.
72: KARAVAS, Evangelos, KOUTRIS, Efthymios, KOUTRI, Ioanna, KALASKANI, Anastasia, KIZIRIDI, Christina, KAKOURIS, Andreas
54: PHARMACEUTICAL COMPOSITION COMPRISING AN IMMUNOMODULATORY AGENT AND METHOD FOR THE PREPARATION THEREOF
00: -
The present invention relates to a stable pharmaceutical formulation of solid dosage forms for oral administration containing a therapeutically effective amount of Fingolimod HCl in combination with inorganic salts in order to avoid any interaction with the active ingredient and formation of degradation products. It also relates to a process for the preparation thereof.

21: 2018/06096. 22: 2018/09/12. 43: 2019/05/16
51: G06Q; G06T; G07C; G08G
71: LIBERTY HOLDINGS LIMITED
72: EPSTEIN, Marty
33: ZA 31: 2017/06177 32: 2017-09-12
54: PROVIDING AND MANAGING A VEHICLE INSURANCE POLICY
00: -
A computer-implemented method of providing a vehicle insurance policy is disclosed. A policy proposal request is transmitted to a consumer device, after which a consumer data image and a vehicle data image are obtained from the consumer device. The images are processed to obtain consumer and vehicle data. Risk data is obtained based on the consumer and vehicle data. A policy proposal message, including a quote, is generated based on the risk data and is transmitted to the consumer device. Computer-implemented methods of managing a vehicle insurance policy are also disclosed. Tracking data associated with a vehicle is obtained over a predetermined distance or driving time period. The data is processed to obtain a driving score, and a premium associated with the vehicle insurance policy is adjusted if the driving score meets a predefined driving behaviour condition. A driving advice message may be generated based on driver behaviour data.

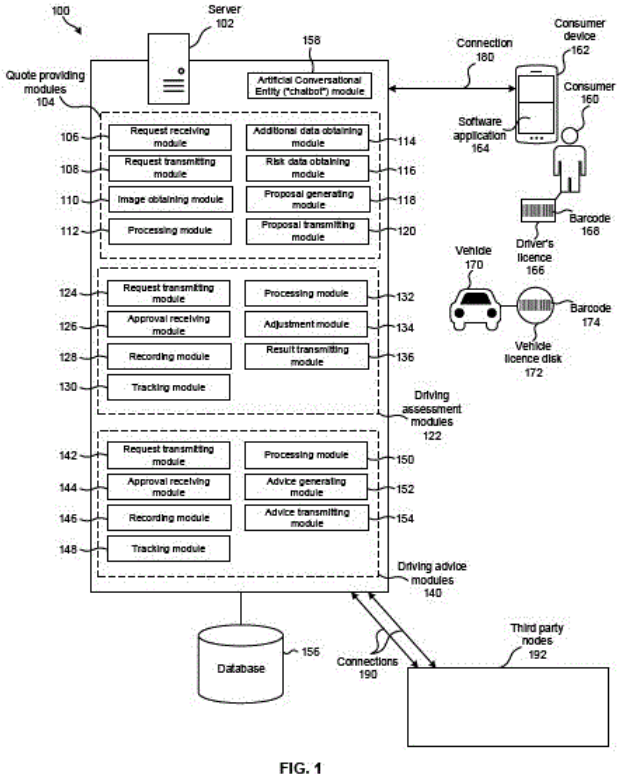


FIG. 1

21: 2018/06099. 22: 2018/09/12. 43: 2019/05/16
51: G06F
71: DISCOVERY LIMITED
72: BACKOS, KIM, SALMON, NICHOLAS WILLIAM
54: A REWARDS DEVICE AND METHOD
00: -
A system and method for distributing activity target data, activity data and rewards data to a remote user computer includes providing an activity viewer application to a user for installation on the remote

user computer. Receiving data at a transmission server which data includes user identification data and activity target data describing an activity target in a financial wellness programme or a driver programme for the user. Further receiving at the transmission server activity data including information relating to an activity that has been completed by the user. Transmitting activity data and activity target data to the activity viewer application for display to a user on the remote user computer. Comparing the completed activities with the activity target to determine if the user has completed enough activities to meet the activity target and if the user has then generating and transmitting an unlock instruction for unlocking a rewards display on the remote user computer. In addition, randomly selecting one of a plurality of rewards that the user will be rewarded with for meeting the activity target and transmitting this selection to the remote user computer. Upon receipt of the unlock instruction, the activity viewer application activates a rewards display to be displayed to the user on the remote computer which is then altered to display to the user the reward that has been won by the user.

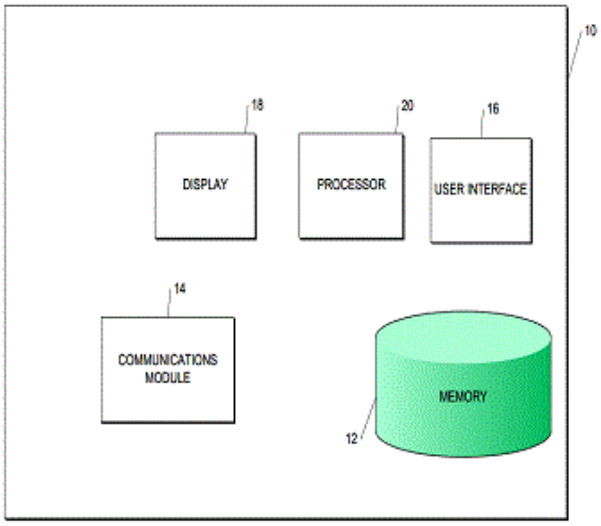


FIGURE 1

21: 2018/06100. 22: 2018/09/12. 43: 2019/05/16
51: G06F
71: DISCOVERY LIMITED
72: SHER, CRAIG SHAUN, RABSON, KENNETH STEVEN, BECKER, ROWEN LANCE, DANIEL, MATTHEW JAMES

54: A COMPUTER IMPLEMENTED SYSTEM FOR OPERATING A REWARDS PROGRAMME

00: -

A computer implemented system for operating a rewards program is provided. The system includes a non-transitory data-storage device and a communications module for receiving data and storing the received data in the data-storage device. The data includes information relating to the compliance of an individual in a driver programme related to motor vehicle driver behaviours; information relating to the financial compliance of the individual in a financial management programme; and information relating to the compliance of the individual in a wellness programme. A processor is programmed to access the stored data and process the data to determine an award for the individual based on their compliance with all of the driver, financial management and wellness programmes.

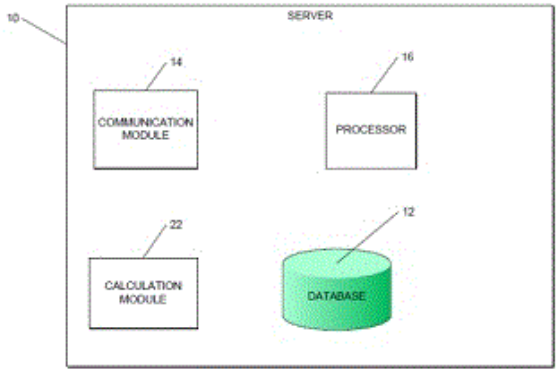


FIGURE 1

21: 2018/06103. 22: 2018/09/12. 43: 2019/05/23
51: A61K A61P
71: ENT TECHNOLOGIES PTY LTD
72: BARBALATT, Sam
33: AU 31: 2016900553 32: 2016-02-17

54: COMPOSITIONS AND METHODS FOR THE TREATMENT OF SINUS DISEASE AND DISORDERS

00: -

A composition comprising kappa-carrageenan and a carrier solution, wherein the carrier solution is an isotonic solution, and methods of use thereof in the treatment of diseases or conditions of the upper airways.

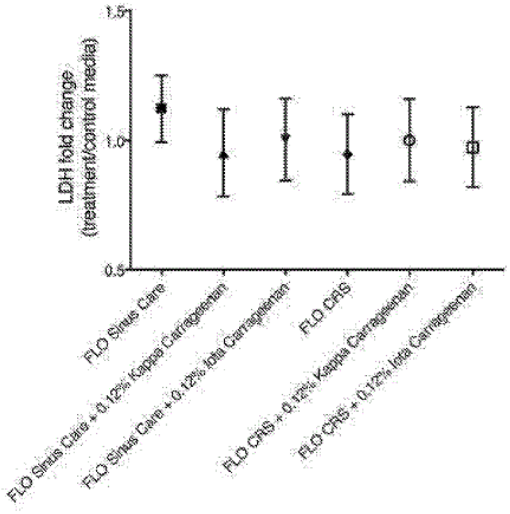


FIGURE 1A

21: 2018/06104. 22: 2018/09/12. 43: 2019/05/13
51: A61F
71: JOLINE GMBH & CO. KG
72: MAIER, Jan, EISOLD, Gerd
33: DE 31: 10 2016 102 990.4 32: 2016-02-19
33: DE 31: 10 2016 115 351.6 32: 2016-08-18
54: STENT DELIVERY SYSTEM
00: -
The invention relates to a system for introducing a compressed, self-expandable stent (2) into a blood vessel (12) through a port (14) arranged in the blood vessel (12) and for releasing the stent (2) in the blood vessel (12), comprising a catheter (4) having an inner tube (6), a middle tube (8) and an outer tube (10), wherein the stent (2) is arranged in a distal end section of the catheter (4) between the inner tube (6) and the outer tube (10) and the middle tube (8) ends distally at the proximal end of the stent (2), and comprising an actuation unit (16) provided in the proximal region of the catheter (4) for releasing the stent (2) and having a drive unit (18), wherein a connection means (30) is provided between the drive unit (18) and the port (14), wherein the drive unit (18) cooperates with the middle tube (8) and the connection means (30) in such a way that, when same is actuated, the middle tube (8) is moved in the distal direction (37) and the actuation unit (16) is moved in the proximal direction (36) together with the outer tube (10) secured thereon, and wherein the inner tube (6) cooperates with the middle tube (8) and/or the connection means (30) in such a way that same is shifted at least partially relative to the actuation unit (16).

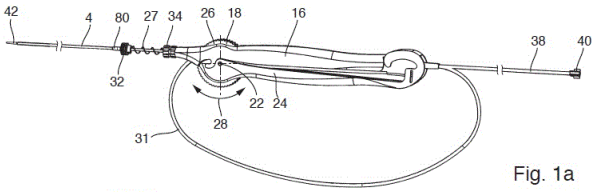


Fig. 1a

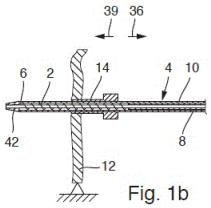


Fig. 1b

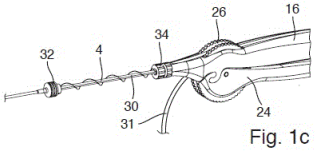


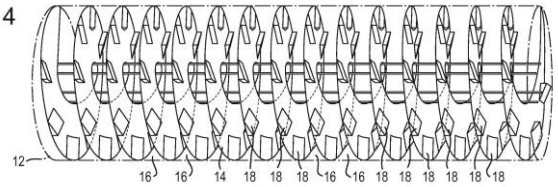
Fig. 1c

21: 2018/06106. 22: 2018/09/12. 43: 2019/05/13
51: A61K; A61Q
71: Linnea SA
72: PACCHETTI, Barbara
33: IT 31: 102016000033595 32: 2016-04-01
54: TOPICAL COMPOSITION COMPRISING PLANT EXTRACTS
00: -
The present invention relates to a topical composition comprising plant extracts. In particular, the present invention relates to a topical composition comprising plant extracts embedded in hydrophilic vesicles (niosomes), preferably having a size smaller than 500 nm, and at least one topically acceptable excipient.

21: 2018/06107. 22: 2018/09/12. 43: 2019/05/13
51: B01F; C12M
71: Alkymar AS
72: DJUPEVÅG, Olav Asle, HAUGEN, Arnstein, MARVIK, Ole Jørgen, SANDNES, Kjartan
33: GB 31: 1604529.6 32: 2016-03-17
54: MIXING AND PROCESSING APPARATUS AND METHOD
00: -
A rotating drum apparatus for the mixing and processing of materials, the rotating drum apparatus comprising: a rotating drum (12) arranged with the length of the drum and the axis of rotation of the drum extending along the horizontal; an inlet at a first point on the drum (12) for receiving materials prior to mixing and/or processing; a screw (14) within the drum (12) for mixing the materials whilst conveying them lengthwise along the drum (12), wherein the screw (14) includes a helical blade

extending along the length of the drum (12) with the outer edge of the helical blade being fixed to the inner surface of the drum (12) such that material can be conveyed and mixed in separated volumes (16) between each turn of the screw blade (14); an outlet at a second point along the drum for discharge of materials after mixing and/or processing; and a plurality mixing devices (18) for promoting mixing of the material in each of the separated volumes (16) of material as the material is conveyed along the screw (14), wherein the plurality of mixing devices (18) are spaced apart along the blade of the screw (14), and wherein there is at least one mixing device (18) for each turn of the screw blade (14).

Fig. 4



21: 2018/06110. 22: 2018/09/12. 43: 2019/05/13
51: B60T
71: NEW YORK AIR BRAKE, LLC
72: VILAETIS, Konstantinos, LEONARD, Erich
33: US 31: 15/090,753 32: 2016-04-05
54: ELECTRONIC CONFIGURABLE EQUALIZING RESERVOIR BACKUP SYSTEM
00: -
An equalizing reservoir backup system that offers air brake control to the operator when the air brake network has failed or when the computer control equipment of the air brake system has failed. The system includes an equalizing reservoir backup module that is programmed to receive the electrical signals from human machine interface and configuration messages from the computer controlled braking system via the network and to control the train brake pipe via equalizing reservoir control. The equalizing reservoir backup module follows network pressure commands when commanded to do so or transforms handle commands into equalizing pressure when commanded to do so or when communications with the network have been lost. As a result, the backup system can be used when the network has failed or when the computer equipment has failed.

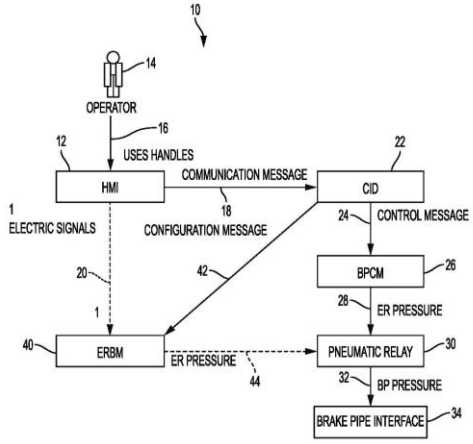


FIG. 1

21: 2018/06121. 22: 2018/09/12. 43: 2019/06/18
51: H01R
71: HEFEI SANYU ELECTRIC CO., LTD
72: Jun HUANG
33: CN 31: 201620148653.9 32: 2016-02-26
54: QUICK CONNECT PLUG FOR CABLES
00: -
A quick connect plug for cables, comprising a connection part (10) for connection to an electrical cable and a pin (20) which is in insertion engagement with a socket, wherein an insertion engagement part (21) is fixedly provided on the pin (20); the portions of the insertion engagement part (21) protruding from the outer annular surface of the pin (20) constitute protrusions (211) matching slots on the socket; gaps (212) are provided between the portions of the insertion engagement part (21) adjacent to the protrusions (211) and the pin (20), such that the protrusions (211) can be displaced along the axial direction of the pin (20), and the gaps (212) can limit the maximum displacement of the protrusions (211). By providing the insertion engagement part (21) and providing gaps (212) between the portions of the insertion engagement part (21) adjacent to the protrusions (211) and the pin (20), the displacement of the insertion engagement part (21) has a degree of flexibility. During assembling, due to the existence of the flexibility, the insertion engagement part (21) would not be damaged by external force on the plug, and there would be no such a phenomenon that the protrusions (211) of the plug become loose from the

slots, such that reliable connection between welding electrical cables or between a welding electrical cable and a welding device is ensured.A quick connect plug for cables, comprising a connection part (10) for connection to an electrical cable and a pin (20) which is in insertion engagement with a socket, wherein an insertion engagement part (21) is fixedly provided on the pin (20); the portions of the insertion engagement part (21) protruding from the outer annular surface of the pin (20) constitute protrusions (211) matching slots on the socket; gaps (212) are provided between the portions of the insertion engagement part (21) adjacent to the protrusions (211) and the pin (20), such that the protrusions (211) can be displaced along the axial direction of the pin (20), and the gaps (212) can limit the maximum displacement of the protrusions (211). By providing the insertion engagement part (21) and providing gaps (212) between the portions of the insertion engagement part (21) adjacent to the protrusions (211) and the pin (20), the displacement of the insertion engagement part (21) has a degree of flexibility. During assembling, due to the existence of the flexibility, the insertion engagement part (21) would not be damaged by external force on the plug, and there would be no such a phenomenon that the protrusions (211) of the plug become loose from the slots, such that reliable connection between welding electrical cables or between a welding electrical cable and a welding device is ensured.

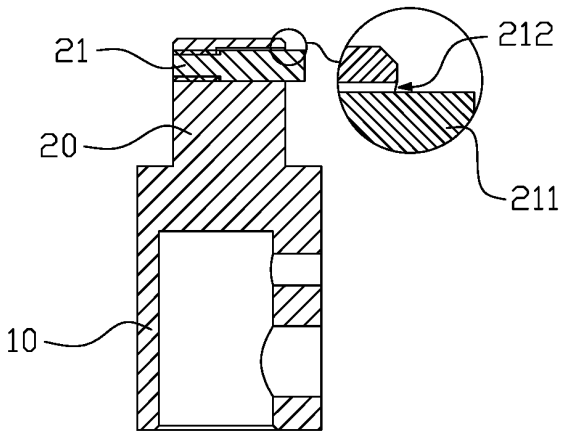


图 1c

21: 2018/06161. 22: 2018/09/13. 43: 2019/05/16
51: H04L
71: MZINDLE, Samkelo
72: MZINDLE, Samkelo
33: ZA 31: 2017/08176 32: 2017-11-30
54: A SECURITY SERVICE SYSTEM
00: -
A security service system including a security service provider database for storing security information relating to security services offered by at least one security service provider, a user criterion which relates to a requirement for security services requested by a user, a processor which is configured, based on the user criterion, to select a suitable security service provider from the security service provider database and a notifier for issuing a notification upon the selection of a suitable service provider.

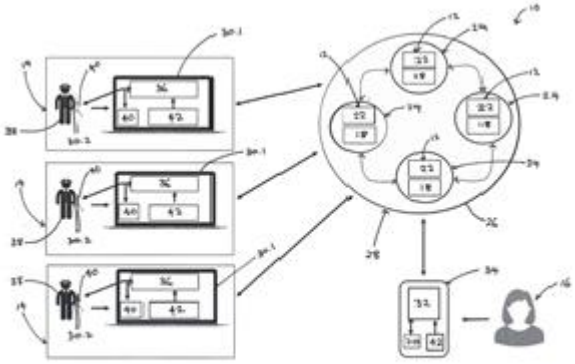


FIGURE 1

21: 2018/06162. 22: 2018/09/13. 43: 2019/05/17
51: B65D
71: APL CARTONS (PTY) LTD
72: KENNY, Roché
54: VARIABLE SIZE CONTAINER
00: -
A container (10) has a rectangular base (20), four rectangular walls (14) standing up from peripheral edges of the base (20) and being connected to one another along corners (16), and top flaps (24) extending from the tops of the walls (14). Each edge (16) includes a frangible joint (32) and the container (10) can be made smaller by tearing the frangible joints (32) from their tops to, so that the untorn remainder of each corner (16) has approximately the desired height of the container (10). Part of each wall above the end point (36) of each tear is folded along a fold line (28,30), together with its adjacent top flap (24) to close the container (10).

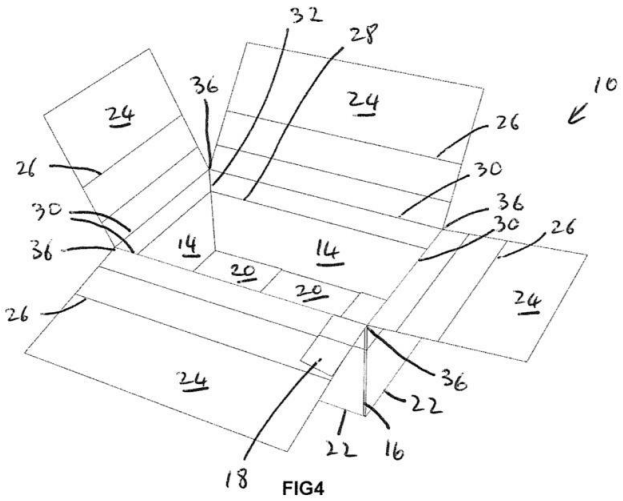


FIG4

21: 2018/06175. 22: 2018/09/13. 43: 2019/05/16
51: B22F; B29C; B33Y
71: General Electric Company
72: JONES, Lucas Christian, MAMRAK, Justin
33: US 31: 15/711,808 32: 2017-09-21
54: SCANNING STRATEGY FOR PERIMETER AND REGION ISOLATION
00: -
A method, apparatus, and program for additive manufacturing. In one aspect, the method and program comprises forming an at least partially solidified portion within a first scan region by irradiating a build material at a first energy density value along a first irradiation path. A second at least partially solidified portion is formed within a second scan region that is spaced with respect to the first scan region, wherein the solidified portion within the first scan region is formed by irradiation a build material at a second energy density value along a second irradiation path. The space between the first scan region and the second scan region is at least partially solidified by irradiating a build material at a third energy density value that less than the first energy density value and the second energy density value.

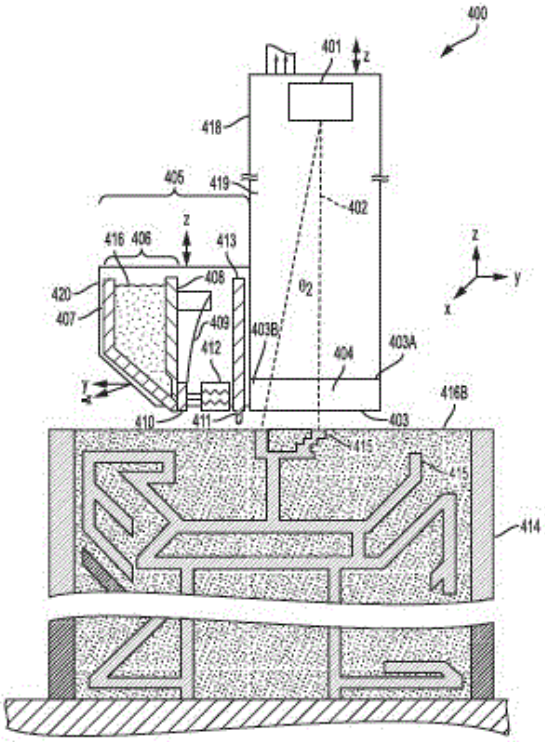


FIG. 6

21: 2018/06188. 22: 2018/09/14. 43: 2019/05/17
51: C09D; C08K
71: ROHM AND HAAS COMPANY
72: DECATO, SARAH, GALLAGHER, JOY, GREYSON, ERIC, FU, ZHENWEN
33: US 31: 62/568,370 32: 2017-10-05
54: TRAFFIC PAINT FORMULATION
00: -
The present invention relates to a coating composition comprising an aqueous dispersion of a) carboxylate salt functionalized first thermoplastic polymer particles; b) second thermoplastic polymer particles imbibed with a thermosettable compound and functionalized with anti-agglomerating groups; c) an extender; and d) a volatile base. The composition of the present invention is suitable as a waterborne quick-set formulation useful as a traffic paint.

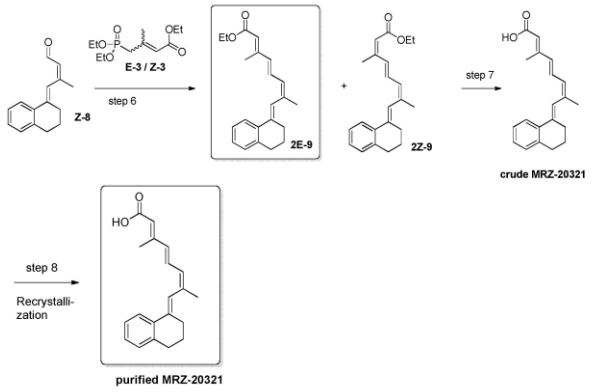
21: 2018/06194. 22: 2018/09/14. 43: 2019/05/16
51: B01J; C10G
71: IFP ENERGIES NOUVELLES
72: DECOTTIGNIES, Dominique, FECANT, Antoine

33: FR 31: 1653851 32: 2016-04-29
54: COBALT CATALYST BASED ON A SUPPORT CONTAINING A MIXED OXIDE PHASE CONTAINING COBALT AND/OR NICKEL PREPARED BY THE USE OF A DICARBOXYLIC ACID COMPRISING AT LEAST THREE CARBON ATOMS
00: -
The subject of the invention is a catalyst containing an active cobalt phase, deposited on a support comprising alumina, silica or silica-alumina, said support containing a mixed oxide phase containing cobalt and/or nickel, said catalyst was prepared by introducing at least one dicarboxylic acid comprising at least three carbon atoms. The invention also relates to the use thereof in the field of Fischer-Tropsch synthesis processes.

21: 2018/06195. 22: 2018/09/14. 43: 2019/05/17
51: B01J; C10G
71: IFP ENERGIES NOUVELLES
72: DECOTTIGNIES, Dominique, FECANT, Antoine
33: FR 31: 1653850 32: 2016-04-29
54: COBALT CATALYST COMPRISING A SUPPORT WITH A MIXED OXIDE PHASE CONTAINING COBALT AND/OR NICKEL PREPARED USING AN ESTER COMPOUND
00: -
The invention relates to a catalyst containing an active cobalt phase deposited on a support comprising alumina, silica or silica-alumina, said support having a mixed oxide phase containing cobalt and/or nickel, wherein the catalyst is prepared by adding at least one organic compound comprising at least one ester function. The invention also relates to the use thereof in the field of Fischer-Tropsch processes.

21: 2018/06202. 22: 2018/09/14. 43: 2019/05/17
51: C07C
71: Brickell Biotech, Inc.
72: ABEL, Ulrich, RÉPÁSI, J´zsef, SZAB´, András, SZÜCSNÉ, Cserépi Stefánia, BOR, Ádám
33: EP(DE) 31: 16000647.4 32: 2016-03-15
54: PROCESS FOR THE SYNTHESIS OF (2E, 4E, 6Z, 8E)-8-(3,4-DIHYDRONAPHTHALEN-1(2H)-YLIDENE)-3,7-DIMETHYLOCTA-2, 4, 6-TRIENOIC ACID
00: -
This invention relates to a novel method for the synthesis of (2E,4E,6Z,8E)-8-(3,4-dihydronaphthalen-1 (2H)-ylidene)-3,7-dimethylocta-2,4,6-trienoic acid. In particular, the invention relates to several improvements in several individual steps of the multi- step synthesis scheme

Figure 4:



21: 2018/06204. 22: 2018/09/14. 43: 2019/05/17
51: C09C; C09D
71: LANXESS Deutschland GmbH
72: SPIEGELHAUER, Stephan, ROSENHAHN, Carsten, CZAPLIK, Waldemar, KISCHKEWITZ, Jürgen
33: EP(DE) 31: 16160645.4 32: 2016-03-16
54: USE OF RED IRON OXIDE PIGMENTS IN AQUEOUS PREPARATIONS
00: -
The invention relates to the use of a hematite pigment, the sum of the a*- values thereof in the Purton and in the lightening in the paint testing amounting to between 58.0 and 61.0 CIELAB units, preferably between 58.0 and 60.0 CIELAB units, more preferably between 58.5 and 61.0 CIELAB units, even more preferably between 58.5 and 60.0 CIELAB units, particularly preferably between 59.0 and 61.0 CIELAB units, furthermore particularly preferably between 59.0 and 60.0, for producing an aqueous preparation containing titanium dioxide.

21: 2018/06205. 22: 2018/09/14. 43: 2019/05/16
51: A61B
71: F. Hoffmann-La Roche AG
72: SCHWENKER, Kai-Oliver, MÜGLITZ, Carsten, HUBER-TOTH, Andreas, BOOTZ, Felix
33: EP(CH) 31: 16162661.9 32: 2016-03-29
54: METHOD OF OPERATING A RECEIVER FOR RECEIVING ANALYTE DATA, RECEIVER AND COMPUTER PROGRAM PRODUCT
00: -
The disclosure refers to a method of operating a receiver for receiving analyte data from a biosensor monitoring an analyte by detecting analyte values,

the method comprising: in a receiver (1), receiving analyte values detected by a biosensor (8) monitoring an analyte in intervals of time for which a first interval time is applied; receiving a present analyte value in the receiver (1); providing a rate of change for the analyte values; determining a future analyte value based on the present analyte value, the first interval time, and the rate of change; providing an analyte value range for the analyte values; setting a second interval time, the second interval time being shorter than the first interval time, if the future analyte value is outside the analyte value range, and longer than or equal to the first interval time, if the future analyte value is within the analyte value range; and in the receiver (1), receiving one or more following analyte values in intervals of time for which the second interval time is applied. Also, a receiver (1) is provided, comprising a receiver unit (2), and a processor (3) connected to the receiver unit (2). Further, a computer program product is provided.

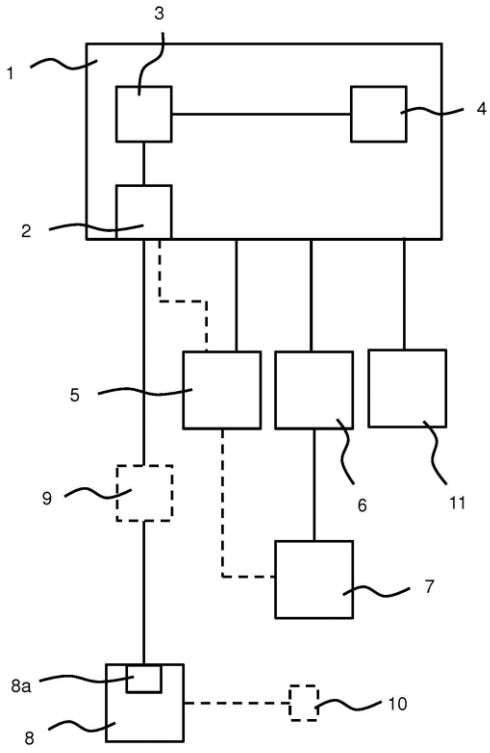


Fig. 1

21: 2018/06212. 22: 2018/09/14. 43: 2019/06/10
51: B60P
71: PURPLE LINE LIMITED
72: HARRISON, Jonathan, KIDSON, Mark, HAWKINS, Ben
33: GB 31: 1602805.2 32: 2016-02-17

54: CAMPING ASSEMBLY WITH A STORAGE BOX AND A TENT

00: -

A camping assembly (2) in the form of a folding camper (10) comprising a canopy (30) with a framework (32) to maintain the tent canopy (30) in a raised configuration. The framework (32) includes a single airbeam network comprising front and rear frames (34, 36) made up of curved airbeams, each comprising a front airbeam (41, 45), an intermediate airbeam (42, 46) and a rear airbeam (43, 47). The folding camper (10) is assembled by simultaneously inflating the single airbeam network to put the canopy (30) in tension and to make the canopy (30) taut. No auxiliary tensioning system or mechanism is required for the canopy since this is provided by the connection of the lower edge of the canopy around the trailer and the geometry of the airbeam network and, in particular, a central longitudinal airbeam.

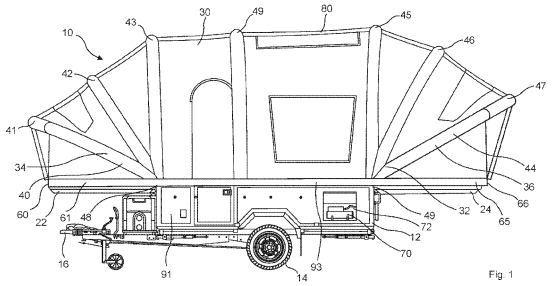


Fig. 1

21: 2018/06231. 22: 2018/09/17. 43: 2019/05/17
51: F21V
71: VOSLOO, Catharina Francina
72: VOSLOO, Catharina Francina
33: ZA 31: 2018/00619 32: 2018-01-30

54: CANDLE HOLDER

00: -

A candle holder 10 adapted to hold a candle 12 in a safe and secure upright orientation, comprises a weighted base 14, a candle holding formation 16 fixed to the base at a central location and a cover formation 18 extending upwardly from the base

which surrounds the candle. The base 14 has a flat base wall 20 for supporting the candle holder in a stable upright orientation; a cylindrical side wall 22 and an annular convexly rounded wall section 24 extending between the base wall and the side wall. The base defines an internal compartment 26 filled with ballast in the form of gravel 26 or other material so as to provide additional weight. The weight of the base together with the rounded wall section 24 provide for self-righting of the candle holder into an upright position from a tilted-over orientation in which the candle holder has been knocked over.

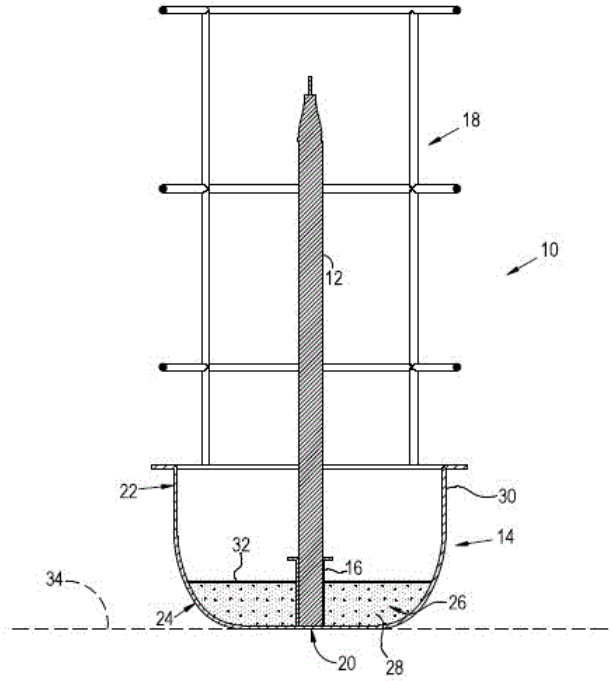


Fig. 3

21: 2018/06233. 22: 2018/09/17. 43: 2019/05/14
51: B01D; F25J
71: L'Air Liquide Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
72: CHOUIK, Selim, DAY, Eric, DE LA FORTERIE, Oriane, MATHIEU-DI, Michel, PEYRON, Jean-Marc
33: CN 31: 201710838791.9 32: 2017-09-18
54: PROCESS AND UNIT FOR SEPARATING AIR BY CRYOGENIC DISTILLATION
00: -
In a process for separating air by cryogenic distillation, a flow of oxygen-enriched liquid (7) is withdrawn from the column operating at PLP, the level of liquid in a column operating at the pressure PLP being a variable level having a height HLOX relative to the ground, at least one portion of the liquid is expanded in a valve (V6) and sent through a vertical conduit to a phase separator (23), the low point of which is located at a level having a height HL relative to the ground, liquid is sent from the lowest point of the phase separator to a conduit through which liquid passes and from the conduit through which liquid passes to a liquid storage tank (29) operating at a pressure PS, the point for introducing the liquid being at a height Hi above the ground, the heights being selected so that the pressure of the phase separator is sufficient to send the liquid to the storage tank.

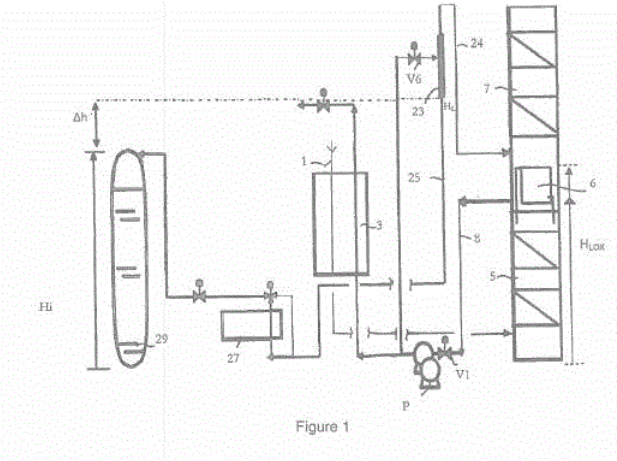
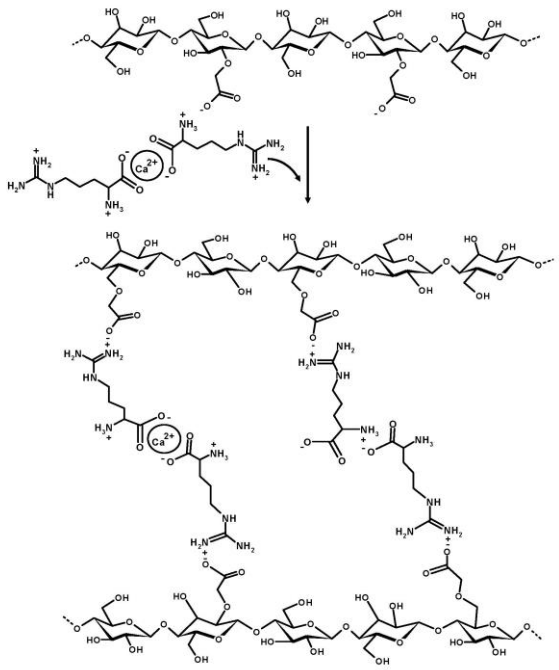


Figure 1

21: 2018/06237. 22: 2018/09/17. 43: 2019/05/17
51: A61K; A61P; C07C; C07D
71: MATRIPHARM INTERNATIONAL INC.
72: LE, Tien Canh
33: US 31: 62/298,751 32: 2016-02-23
54: DUAL-RATE RELEASE FORMULATION WITH HIGH DRUG LOADING
00: -
The present document describes a pharmaceutical excipient composition comprising a functionalized anionic polysaccharide having carboxyl groups complexed with an amino acid-divalent cation complex, monolithic solid dosage forms for dual rate release of an active pharmaceutical ingredient, comprising the pharmaceutical excipient composition and active pharmaceutical ingredients, as well as processes for preparing the pharmaceutical excipient composition.



A

Fig. 3

21: 2018/06238. 22: 2018/09/17. 43: 2019/05/17
51: A61K; C08B; C08J
71: MATRIPHARM INTERNATIONAL INC.
72: LE, Tien Canh
33: US 31: 62/298,755 32: 2016-02-23
54: MONOLITHIC COMPOSITION FOR DUAL-RATE RELEASE WITH HIGH DRUG LOADING
00: -
The present document describes a process for the preparation of a low functionalization polysaccharide having carboxyl groups, comprising a) swelling of a polysaccharide granule in boiling water or a water/polyol mixture, to obtain a swollen polysaccharide; b) partial gelatinization of said swollen polysaccharide in an alkaline solvent mixture of water and alcohol and/or polyol, to obtain a partially gelatinized polysaccharide; and c) partial functionalization of said partially gelatinized polysaccharide with a functionalizing agent, to obtain the low functionalization polysaccharide.

21: 2018/06242. 22: 2018/09/17. 43: 2019/05/14
51: B60L; B60T
71: NÜWIEL GmbH
72: RABBIOSI, Sandro, AMAN KHAN, Fahad, TOMIYAMA, Natalia
33: DE 31: 10 2016 102 847.9 32: 2016-02-18
54: METHOD FOR CONTROLLING A DRIVEN TRAILER, AND MOTOR-DRIVEN TRAILER
00: -
The invention relates to a method for controlling a trailer driven by an electric motor, comprising the following steps: defining a distance between trailer (102, 700) and towing vehicle (101) as a neutral position, measuring a deviation of the distance between the trailer (102, 700) and the towing vehicle (101) from the neutral position and outputting said deviation as a distance value, braking the trailer (102, 700) in an electrically actuated manner if the distance between the trailer (102, 700) and the towing vehicle (101) is reduced by at least a first distance value in comparison with the neutral position, braking the trailer (102, 700) in a mechanically actuated manner if the distance between the trailer (102, 700) and the towing vehicle (101) is reduced by at least a second distance value in comparison with the neutral position, wherein the second distance value is greater than the first distance value, accelerating the trailer (102, 700) by means of the electric motor if the distance between the trailer (102, 700) and the towing vehicle (101) is increased by a third distance value in comparison with the neutral position.

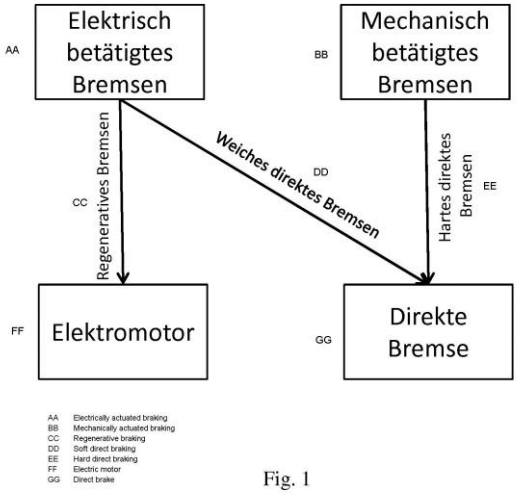


Fig. 1

21: 2018/06243. 22: 2018/09/17. 43: 2019/05/14
51: G06F; H04L
71: Forticode Limited
72: SMALES, Antony
33: AU 31: 2016901019 32: 2016-03-18
54: METHOD AND SYSTEM FOR USER AUTHENTICATION WITH IMPROVED SECURITY
00: -

A user authentication method in a distributed processing system commences by receiving, at a first processing unit (108), a request (1004) to initiate an authentication session, wherein the request includes a unique identifier of a user requiring authentication. The first processing unit acquires at least one item of authentication data (412, 1712), which is valid during the authentication session. The authentication data is transmitted (1006) to a second processing unit (106) which is associated with a terminal device operated by the user. The second processing unit transforms the authentication data using a transformation algorithm based upon one or more session-specific authentication factors (404, 1704), to generate transformed authentication data that is characteristic of the authentication session and of the user. The transformed authentication data is transmitted (1008) to a third processing unit (108) which verifies that the transformed authentication data corresponds with the user and with predetermined values of the one or more session-specific authentication factors. The third processing unit generates an authentication result (1010) of the authentication session based upon the verification.

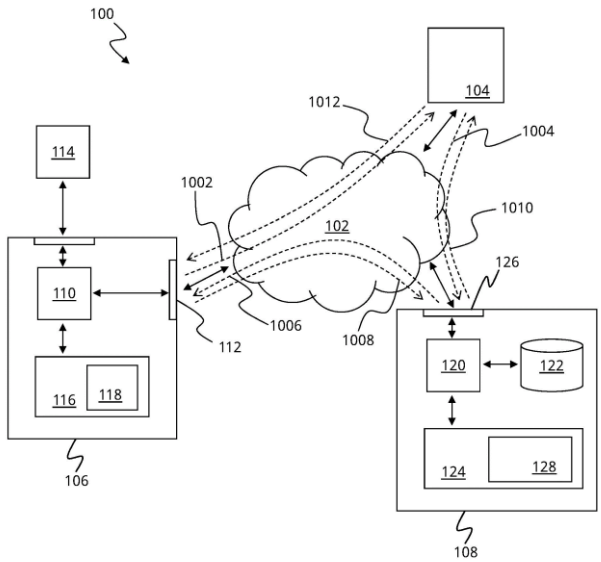
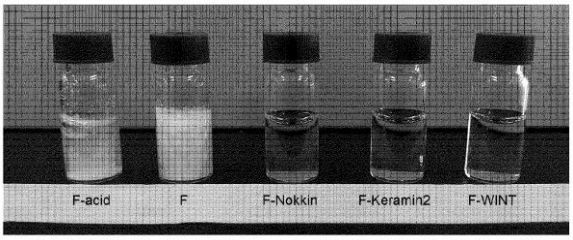


Figure 1

21: 2018/06245. 22: 2018/09/17. 43: 2019/05/14
51: A61K; A61Q; C07J; C07K
71: CAREGEN CO., LTD.
72: CHUNG, Yong Ji, KIM, Eun Mi
33: KR 31: 10-2016-0032988 32: 2016-03-18
54: CONJUGATE OF FINASTERIDE WITH PEPTIDE
00: -
The present invention relates to a composition for preventing hair loss and, more specifically, to a compound having a structure in which finasteride and a peptide are linked through a covalent bond and a pharmaceutical composition or a cosmetic composition for preventing hair loss or promoting hair growth comprising the same. The compound of the present invention having a structure in which finasteride and a peptide are linked through a covalent bond is excellent in physiological activities such as hair loss improvement, hair growth promotion, cell growth promotion, etc., is excellent in stability in water and skin permeation, and thus can be effectively used as a composition for preventing hair loss and promoting hair growth.



21: 2018/06248. 22: 2018/09/17. 43: 2019/05/17
51: F03G; H01M
71: DOOSAN FUEL CELL AMERICA, INC.
72: MARGIOTT, Paul
33: US 31: 15/052,089 32: 2016-02-24
54: FUEL CELL POWER PLANT COOLING NETWORK INTEGRATED WITH A THERMAL HYDRAULIC ENGINE
00: -
An illustrative example electrical power generating system includes a fuel cell power plant that is configured to generate electrical power. The fuel cell power plant includes a cell stack assembly including a plurality of fuel cells that are configured to generate electrical power based on a chemical reaction. A coolant network is configured to carry fluid toward the cell stack assembly where fluid in the coolant network can become heated by absorbing heat from the fuel cell power plant. The coolant network includes a thermal hydraulic engine that is configured to generate electrical power. The coolant network is configured to carry the heated

fluid to the thermal hydraulic engine where the heated fluid can be used for generating electrical power. The coolant network is configured to carry a reduced temperature fluid from the thermal hydraulic engine back toward the cell stack assembly.

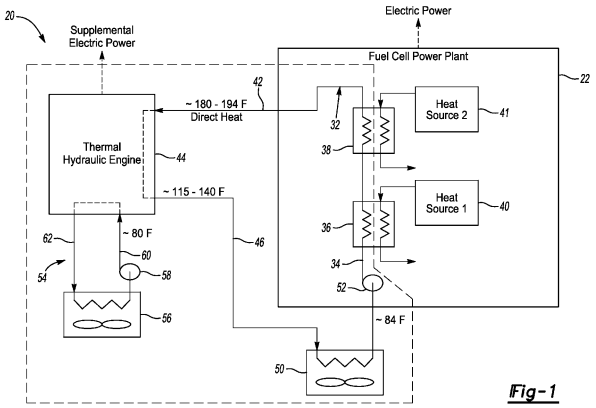


Fig-1

21: 2018/06258. 22: 2018/09/18. 43: 2019/05/17
51: A61K
71: PHARMATHEN S.A.
72: KARAVAS, Evangelos, KOUTRIS, Efthymios, SAMARA, Vasiliki, KOUTRI, Ioanna, KALASKANI, Anastasia, KIZIRIDI, Christina, KAKOURIS, Andreas, FOUSTERIS, Manolis
54: PHARMACEUTICAL COMPOSITION COMPRISING A MAGNESIUM OXIDE SALT COMPLEX OF FEBUXOSTAT AND METHOD FOR THE PREPARATION THEREOF
00: -
The present invention relates to a stable pharmaceutical formulation of solid dosage forms for oral administration including a therapeutically effective amount of Febuxostat MgO complex to enhance API solubility. It also relates to a process for the preparation thereof.

21: 2018/06259. 22: 2018/09/18. 43: 2019/05/17
51: B63J F24F
71: SAMAC ENGINEERING SOLUTIONS (PTY) LTD
72: SWANA, Mpumzi, Siphesihle, MOFOKENG, Thabang
54: A MOBILE AIR-CONDITIONING UNIT
00: -
A mobile air-conditioning unit 10 includes a cold reservoir 12 for storing a cooling medium 14. A conduit 16 is arranged in the cooling medium 14 for transporting a cooling fluid 18 through the cooling medium 14, thereby cooling the cooling fluid 18. A heat exchanger 20 receives the cooled cooling fluid 18 where it absorbs heat from ambient air 22. A fluid displacement device in the form of a fluid pump 24 is provided for displacing the cooling fluid 18 along the conduit 16 and through the heat exchanger 20.

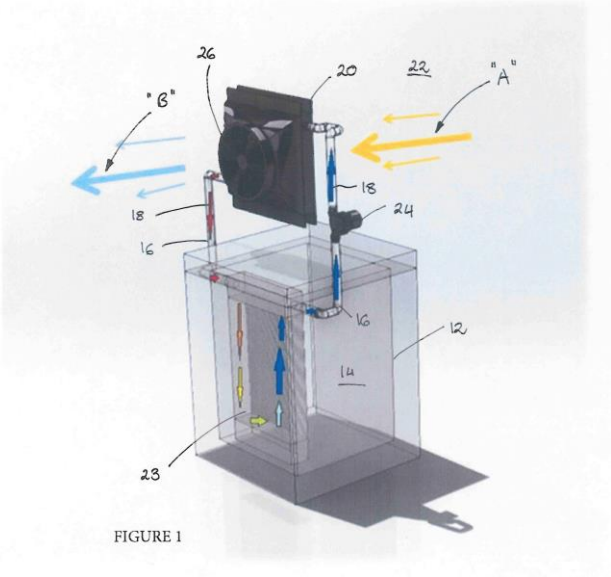


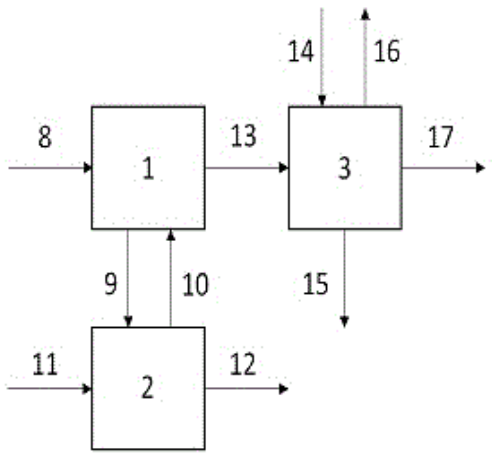
FIGURE 1

21: 2018/06264. 22: 2018/09/18. 43: 2019/05/14
51: A61K; A61P; C07K
71: REGENERON PHARMACEUTICALS, INC.
72: GUSAROVA, Viktoria, GROMADA, Jesper, MURPHY, Andrew, J.
33: US 31: 62/453,110 32: 2017-02-01
33: US 31: 62/319,980 32: 2016-04-08
54: METHODS FOR TREATING HYPERLIPIDEMIA WITH AN ANGPTL8 INHIBITOR AND AN ANGPTL3 INHIBITOR
00: -
The present invention provides methods for treating patients suffering from hyperlipidemia, wherein the patient is non-responsive to, inadequately controlled by, or intolerant to treatment with a standard lipid modifying therapy. The methods of the invention provide for lowering at least one lipid parameter in the patient by administering a therapeutically effective amount of an antibody or antigen-binding fragment thereof that specifically binds to angiopoietin-like protein 8 (ANGPTL8) in combination with a therapeutically effective amount of an antibody that specifically binds to angiopoietin-like protein 3 (ANGPTL3). The combination of an anti-ANGPTL8 antibody with an anti-ANGPTL3 antibody is useful in treating diseases such as

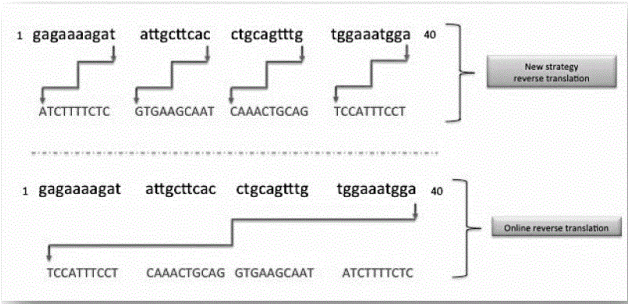
hypercholesterolemia, including familial hypercholesterolemia (FH), both heFH and hoFH, as well as hyperlipidemia, hyperlipoproteinemia and dyslipidemia, including hypertriglyceridemia, chylomicronemia, and to prevent or treat diseases or disorders, for which abnormal lipid metabolism is a risk factor, such as cardiovascular diseases.

21: 2018/06272. 22: 2016/03/22. 43: 2019/05/14
51: C22B
71: OUTOTEC (FINLAND) OY
72: KOTIRANTA, TUUKKA, PALOVAARA, PETRI, PISILÄ, SAULI
54: RECOVERY OF METALS FROM CALCIUM-RICH MATERIALS
00: -
Provided herein is a process for recovering metal(s) from calcium rich iron containing material (8), comprising (a) leaching (1) calcium one or more times from said calcium rich iron containing material (8) to obtain a calcium depleted iron containing material (13); and (b) subjecting the calcium depleted iron containing material (13) to pyrometallurgical treatment (3) to recover metal(s) (17) from said calcium depleted iron containing material (13).

Figure 1



21: 2018/06286. 22: 2018/09/19. 43: 2019/05/13
51: A61K; C07K
71: HASSON, Sidgi Syed Anwer Abdo, AL JABRI , Ali Abdullah Hasan, AL-BUSAIDI, Juma Zayid Khalifa, AL BALUSHI, Mohammed Said Amur, IDRIS, Mohamed Ahmed
72: HASSON, Sidgi Syed Anwer Abdo, AL JABRI , Ali Abdullah Hasan, AL-BUSAIDI, Juma Zayid Khalifa, AL BALUSHI, Mohammed Said Amur, IDRIS, Mohamed Ahmed
33: ZA 31: 2017/07957 32: 2017-11-23
54: METHOD OF MAKING TREATMENT FOR SNAKE ENVENOMATION
00: -
The invention relates to a reverse transcription method for producing a recombinant protein, comprising individually transcribing selected lengths of a DNA sequence of an active molecule, and synthesizing the recombinant protein from the reverse of the DNA sequence, wherein the recombinant protein inhibits activity of the active molecule.



21: 2018/06287. 22: 2018/09/19. 43: 2019/05/21
51: G06Q; B42D; G06K
71: ZERO RESEARCH (PTY) LTD
72: NARSAI, YATIN
54: A FINANCIAL TRANSACTION CARD
00: -
A financial transaction card such as a credit card or debit card is provided. The card includes alphanumeric numbers displayed on the card, the alphanumeric numbers including a first card number. A magnetic stripe has data stored therein including a second card number. A processor with an associated memory has data stored therein including a third card number. Wherein the first, second and third card numbers are different from one another.

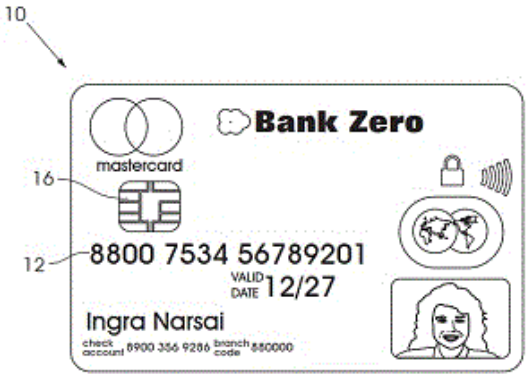
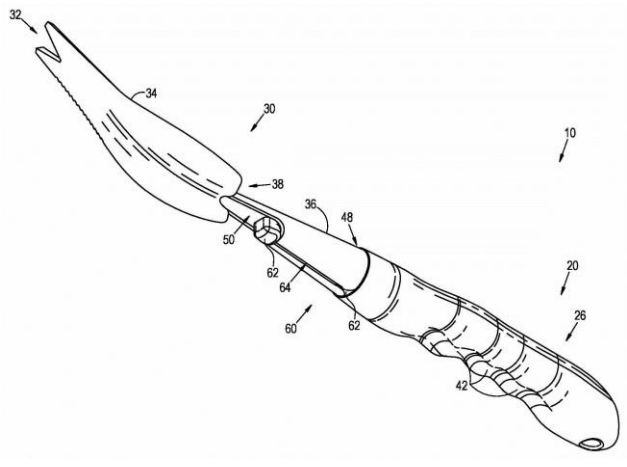


Fig. 1

21: 2018/06289. 22: 2018/09/19. 43: 2019/05/13
51: B25G
71: VECTO TRADE 461 PROPRIETARY LIMITED
72: HALSTED, Charles William
33: ZA 31: 2018/00040 32: 2018-01-04
54: LOCKING ARRANGEMENT FOR A HAND TOOL
00: -
The invention is in respect of a hand tool (10) which includes a handle (20) and a tool head (30). The handle includes a tool head mounting portion in the form of a spigot (22) which is snuggly received in a complementary frusto-conical socket formed by a neck portion (36) of the tool head (30). A locking arrangement (60) is provided in order to resist angular displacement between the handle (20) and the head (30). The locking arrangement (60) includes a male keying formation (62) which protrudes radially from a surface of the spigot (22) and which is positioned in and keys with a longitudinal slot (64) provided on the neck portion (36).



21: 2018/06295. 22: 2018/09/19. 43: 2019/05/16
51: C12N
71: Pfizer Inc.
72: FIGUEROA, Bruno, LUAN, Yen-Tung, WANG, Wenge
33: US 31: 62/318,275 32: 2016-04-05
54: CELL CULTURE PROCESS
00: -
A cell culture medium comprising tyrosine at a concentration of at least 3 mM and polyvinylalcohol (PVA).

21: 2018/06306. 22: 2018/09/20. 43: 2019/05/13
51: C04B; F27B; F27D
71: ANDRITZ INC.
72: PELTONEN, Kimmo
33: US 31: 16/133,365 32: 2018-09-17
33: US 31: 62/564,087 32: 2017-09-27
54: PROCESS AND SYSTEM FOR REDUCING RINGING IN LIME KILNS
00: -
This application discloses exemplary processes and systems for reducing mineral ring accumulation in calcination kiln. The processes and systems comprise inserting non-condensable gases NCGs in a preheating zone of a calcination kiln, upstream of the burner end. The pre heating zone may be characterized by temperatures ranging from 1,300 F to 1,750 F. The system may desirably comprise a plenum for inserting the NCGs into the rotating calcination kiln at the pre heating zone.

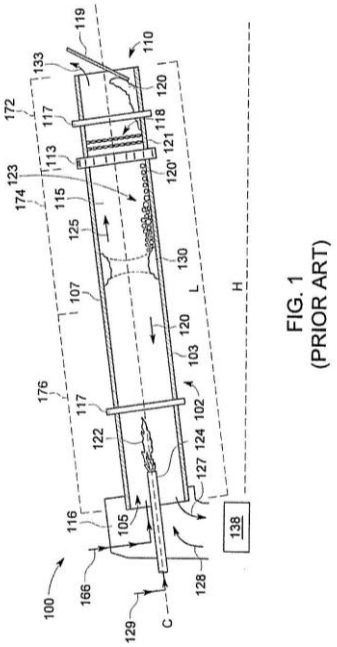


FIG. 1
(PRIOR ART)

21: 2018/06312. 22: 2018/09/20. 43: 2019/05/20
51: B60K; F16K; G05D
71: COOLEY, Robert, Charles, MACKEY, Dean, Edward
72: COOLEY, Robert, Charles, MACKEY, Dean, Edward
33: US 31: 62/312,313 32: 2016-03-23
54: FULLY-INTEGRATED PRESSURELESS FLOW-CONTROL MODULE
00: -
A fully-integrated, flow-control module for top-fill fuel tanks operates with a fuel line attached that supplies fuel under pulsating pressure. There are two bleed paths in the module, which open and close sequentially in response to the position of a fuel float within the module. In order for a main valve plunger, which controls fuel entry into the tank, to fully close, both bleed paths must be closed. A first bleed path closes first, followed by closure of the second. For the main valve plunger to fully open, both bleed paths must be open. The second bleed path opens first. Movement of the main valve plunger is controlled by both a biasing spring and pressure beneath the plunger. Pressure beneath the plunger builds up to a level sufficient for the biasing spring to fully close the plunger against a valve seat when both bleed paths are closed.

21: 2018/06313. 22: 2018/09/20. 43: 2019/05/17
51: F41A
71: CESKA ZBROJOVKA A.S.
72: SIMEK, Vladimir
33: CZ 31: PV 2016-237 32: 2016-04-25
54: A FIREARM
00: -
The firearm comprises a firearm housing (1) connected to the barrel assembly (2), a firearm breech (3) mounted in the housing (1) and connected to a spring for forcing the breech (3) to its initial shooting position, a tensioning lever (11), a tensioning lever (11) carrier (4) that is connected to the tensioning lever (11) and arranged for common linear movement in the axial direction of the firearm with the tensioning lever (11) in and against the shooting direction. The tensioning lever (11) contains the first latch (6) and lever part (7) wherein the first latch (6) is arranged for controlled movement by means of manual control of the lever part (7) from the first position - shooting position, wherein the first latch (6) is engaged with the barrel assembly (2), fixing the tensioning lever (11) to the barrel assembly (2), to the second position, wherein this engagement is disconnected and the tensioning lever (11) can move in the said axial direction against the shooting direction. The carrier (4) comprises the second latch (5) arranged in such a way that when the first latch (6) is in the said first position, the second latch (5) is out of engagement with the breech (3), so the breech (3), during its movement against the shooting direction caused by the shot, is not connected to the carrier (4), and when the tensioning lever (11) is outside the shooting position and touches the breech (3) at the same time, the second latch (5) is in engagement with the breech (3) and the tensioning lever (11) is thus fixed to the breech (3). The carrier (4) is further arranged for controlled movement in the said axial direction by means of manual control of the lever part (7).

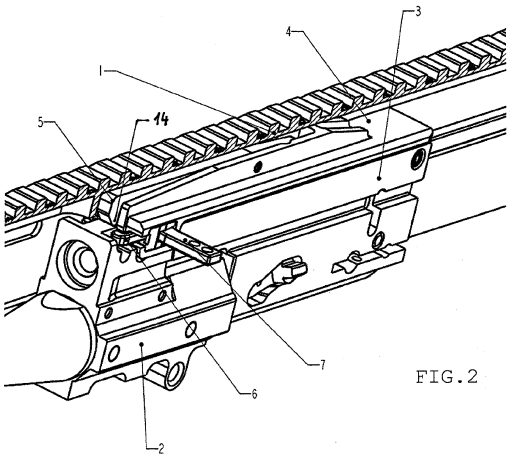


FIG.2

21: 2018/06317. 22: 2018/09/20. 43: 2019/05/16
51: C21C; C22C
71: Elkem ASA
72: LIPTAK, Matthew
33: US 31: 15/099,897 32: 2016-04-15
54: GRAY CAST IRON INOCULANT
00: -
A ferrosilicon inoculant for gray cast iron containing between 0.1 to 10% by weight strontium, less than 0.35%by weightcalcium, 1.5to 10% by weight aluminum and 0.1 to 15% zirconium, The inoculant, method for producing the inoculant, method for inoculating the melt and a gray cast iron inoculated with the inoculant are covered.

21: 2018/06324. 22: 2018/09/20. 43: 2019/05/14
51: B21D; B23K; B32B; C22C; F28F
71: Gränges AB
72: NILSSON, Stefan, SVENSSON, Roger, WESTERGÅRD, Richard, STENQVIST, Torkel
33: EP(SE) 31: 16164815.9 32: 2016-04-12
33: EP (SE) 31: 16164817.5 32: 2016-04-12
54: BRAZING SHEET
00: -
The invention concerns a brazing sheet comprising a core layer (5) and a braze cladding, said core layer (5) being aluminium or an aluminium alloy, said braze cladding comprising (a) a flux composite layer(2), which flux composite layer comprises a matrix of aluminium or an aluminium alloy, said matrix containing flux particles; (b) at least one filler alloy layer (1) not containing flux particles; and, (c) an aluminium or aluminium alloy layer (3) not containing flux particles, said layer forming the outermost surface of at least one side of the brazing sheet, wherein the flux composite layer (a) is positioned between said filler alloy layer (b) and said aluminium or aluminium alloy layer (c). The invention further concerns a method for its manufacturing, a cladding plate, use of the brazing sheet and a brazed heat exchanger.

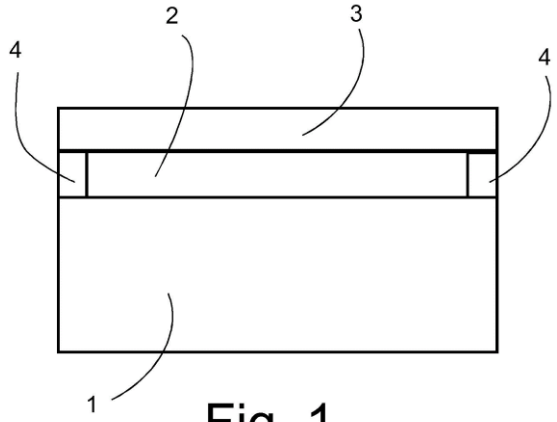


Fig. 1

21: 2018/06345. 22: 2018/09/21. 43: 2019/05/13
51: A47J; F16K; F23D; F23N
71: Weber-Stephen Products LLC
72: KALISIAK, Anton
33: US 31: 15/695,123 32: 2017-09-25
54: SINGLE VALVE FOR GAS GRILL WITH MULTIPLE BURNERS
00: -
A gas delivery system for gas grills is provided, the delivery system including one gas valve that controls the gas flow to a plurality of burner tubes.

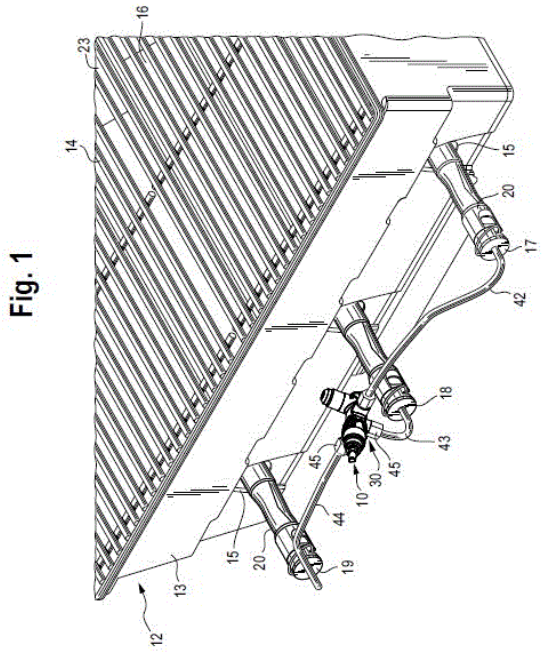


Fig. 1

21: 2018/06357. 22: 2018/09/21. 43: 2019/05/17
51: A61K
71: Rousselot B.V.
72: VERGAUWEN, Bjorn, VAN DE MOOTER, Guy
33: BE 31: 2016/5302 32: 2016-04-29
54: PROTEIN BASED EXCIPIENT FOR ACTIVE PHARMACEUTICAL INGREDIENTS
00: -
Provided herein is a pharmaceutical formulation comprising a protein based excipient in combination with an active pharmaceutical ingredient (API) wherein said formulation is substantially amorphous and form a substantially homogenous mixture; and further a method for producing said pharmaceutical formulation; and said pharmaceutical formulation for use as a medicament.

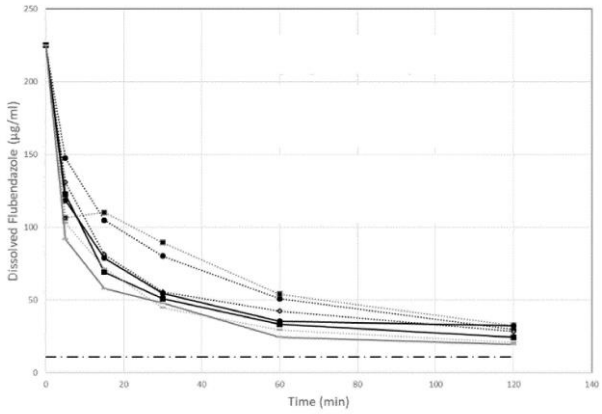


FIG. 5

21: 2018/06381. 22: 2018/09/25. 43: 2019/05/17
51: B01F B28C
71: SIKA TECHNOLOGY AG
72: KUHN, Patrick, BRÜHWILER, Armin, BOURQUIN, Raphael, LOOTENS, Didier, OBLAK, Luka
33: EP 31: 16158056.8 32: 2016-03-01
54: MIXER, SYSTEM FOR APPLYING A BUILDING MATERIAL AND METHOD FOR PRODUCING A STRUCTURE FROM BUILDING MATERIAL
00: -
A mixer (1) has a drum (2) with at least one inlet (6) and one outlet (7). The mixer (1) further has a drive (3) and a stirring shaft (4), which is arranged in the drum (2) and coupled to the drive (3). The mixer (1) further has a conveyor device (5) which is arranged in the drum (2), on the same axis as the stirring shaft (4).

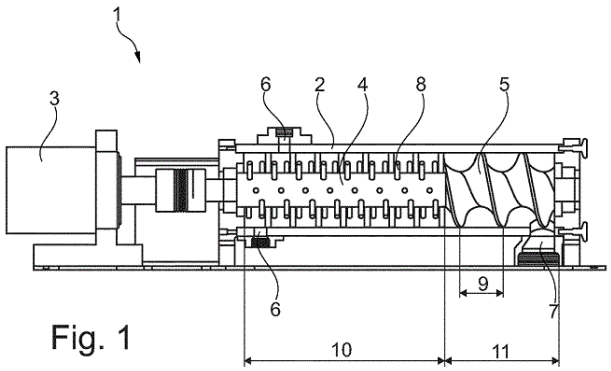
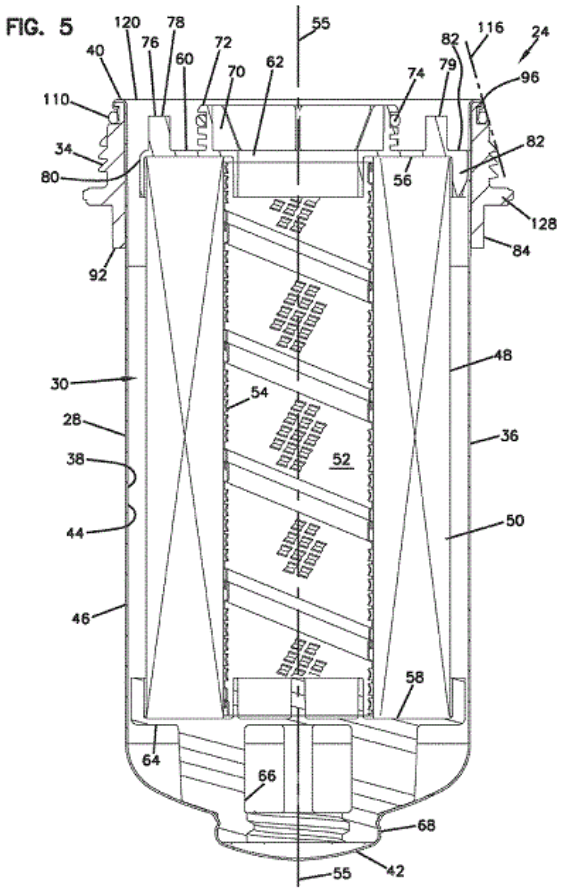


Fig. 1

21: 2018/06382. 22: 2018/09/25. 43: 2019/05/13
51: B01D
71: DONALDSON COMPANY, INC.
72: GUSTAFSON, Michael, J., JOSCHER, Kurt, HARDER, David, B., TUCKER, Brian

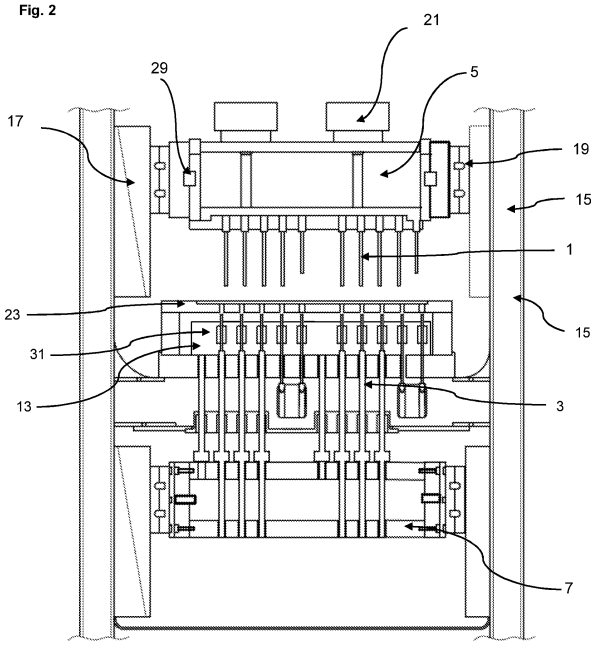
33: US 31: 62/352,609 32: 2016-06-21
33: US 31: 62/302,553 32: 2016-03-02
54: LIQUID FILTER ARRANGEMENT AND METHODS
00: -
A filter cartridge includes a threaded sleeve having a seal holder recess and seal member. The filter cartridge is for removably threading onto a filter head that includes threads for connection to the filter cartridge by way of the threaded sleeve. The filter head includes a ramp that engages the seal member to form a seal. The force needed to make the seal is a torque of less than 10 N-m.



21: 2018/06384. 22: 2018/09/25. 43: 2019/05/14
51: G21B
71: ROSENSTRÖM, Eerin
72: ROSENSTRÖM, Eerin
33: FI 31: 20160069 32: 2016-03-21
54: METHOD AND APPARATUS FOR ENERGY CONVERSION
00: -
A method and aparatus according to the method for producing nuclear energy comprising a container (13) converting the material into a second with atomic reaction and transforming it into a reaction product comprising heat, particles, neutrino and / or electromagnetic radiation and electromagnetic radiation (2) relevant to material under the nuclear reaction transferring a single quantum maximum energy of 500 electron volts the radiation element (12) for transferring energy to the material to be transformed that the targeting of the reaction products of the container to the radiation element is controlled by separating the container and the radiation element from each other. More than 1 nm sized microstructural (5) storage modes are used generating a coherent electromagnetic emission pulse (8) emitted by exciton polaritons vibration forms (7) for achive nuclear reactions to the necessary energy levels. A heat-utilizing aparatus such as a thermal power engine or thermoelectric generator, a radiation-utilizing aparatus, a aparatus for moving the object, and an industrial or power plant utilizing a method or a aparatus according to the method.

21: 2018/06395. 22: 2018/09/26. 43: 2019/05/17
51: B21D
71: FRITZ WERNER INDUSTRIE-AUSRÜSTUNGEN GMBH
72: STEINER, Andreas
33: DE 31: 10 2016 005 145.0 32: 2016-04-28
33: DE 31: 10 2016 005 322.4 32: 2016-05-02
54: TRANSFER PRESS HAVING A C-SHAPED RAM
00: -
The invention relates to a transfer press for successively forming and demolding workpieces using upper and lower tools (1, 3) in dies (31), wherein the upper tools (1) are fastened to a ram head (5) whereas the lower tools (3) are mounted on a ram base (7). The ram head (5) and the ram base (7) are rigidly connected to each other and form a ram.

Fig. 2



21: 2018/06400. 22: 2018/09/26. 43: 2019/05/17
51: C08L
71: CH-Bioforce Oy
72: VÄHÄSALO, Lari, LAX, Nicholas, VON SCHOULTZ, Sebastian
33: FI 31: 20165264 32: 2016-03-29
54: METHOD OF PRODUCING HEMICELLULOSE EXTRACTS
00: -
This invention describes a method for the purification of a hemicellulose extract produced for example through hot water extraction. Such extracts often contain large amounts of colloidal material which primarily consists of lignin and other phenolic compounds. These colloidal particles clog equipment such as ultrafiltration membranes, which deem the use of such equipment almost impossible. The unwanted material is very tacky at temperatures between 70 and 120°C which makes it possible to adsorb it onto a variety of materials. Further, by using an adsorbing material that is wholly or partly contaminated with chemically alike material the purification process is greatly enhanced.

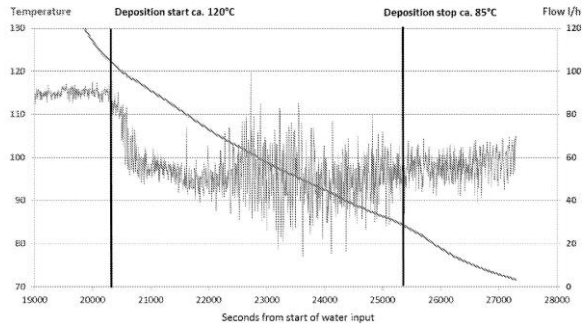
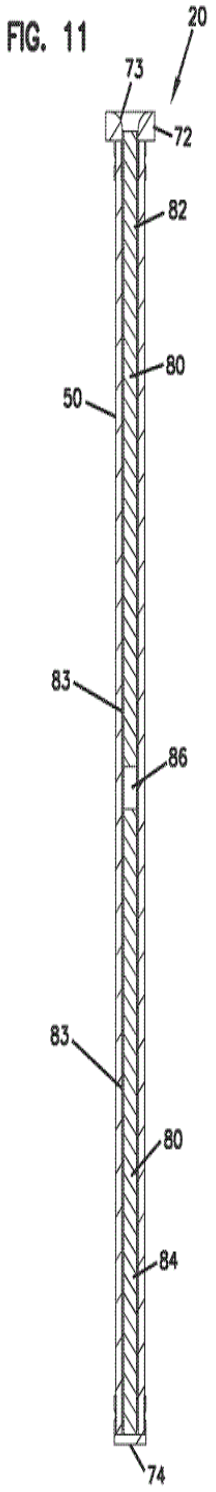


Fig. 1

21: 2018/06415. 22: 2018/09/26. 43: 2019/06/24
51: C12N**C;** C12P
71: TOTAL RAFFINAGE CHIMIE
72: ZHU, Zhiwei, KRIVORUCHKO, Anastasia, NIELSEN, Jens
33: EP 31: 16158805.8 32: 2016-03-04
54: METHOD OF PRODUCING FATTY ACIDS
00: -
The present invention relates to a method for producing fatty acids, in particular shot/medium-chain fatty acids (S/MCFA), by expression in a host cell of a recombinant fatty acid synthase (FAS) naturally devoid of a thioesterase (TE) domain comprising a heterologous thioesterase (TE). The invention further relates to polynucleotides comprising such recombinant FAS, polypeptides encoded thereby, and vectors comprising such polynucleotides, as well as recombinant host cells comprising the polynucleotides, polypeptides, or vectors.

21: 2018/06417. 22: 2018/09/26. 43: 2019/05/13
51: B01D
71: DONALDSON COMPANY, INC., IFIL.USA, LLC
72: JOHNSON, Philip, Edward, PARSONS, Jonathan, G., FALK III, John, K.
33: US 31: 62/302,378 32: 2016-03-02
54: FILTER ELEMENT HAVING INNER SUPPORT AND METHODS
00: -
A filter element includes a construction of pleated filter media defining an interior volume. First and second opposite end caps are secured to opposite ends of the filter media. A support structure supports the filter media and is operably oriented in the interior volume. The support structure extends from the first opposing interior face to the second

opposing interior face. The support structure is provided to extend less than a full extension between the first end cap and second end cap.



21: 2018/06418. 22: 2018/09/26. 43: 2019/05/13
51: G01N C07K
71: IDEXX LABORATORIES, INC.
72: YERRAMILLI, Mahalakshmi, FARACE, Giosi, QUINN, John, Joseph, YERRAMILLI, Murthy, V.S.N.
33: US 31: 62/302,299 32: 2016-03-02
54: METHODS AND COMPOSITIONS FOR THE DETECTION AND DIAGNOSIS OF RENAL DISEASE AND PERIODONTAL DISEASE
00: -
The disclosure provides compositions and methods for the detection of renal disease and periodontal disease in mammals.

21: 2018/06430. 22: 2018/09/27. 43: 2019/05/13
51: C08J; C10B; C10G; G05D
71: RES Polyflow LLC
72: SCHABEL, Jay, SCHWARZ, Richard A., GRISPIN, Charles W., GENCER, Mehmet A., HENSEL, Joseph D.
33: US 31: 62/315,639 32: 2016-03-30
54: PROCESS, APPARATUS, CONTROLLER AND SYSTEM FOR PRODUCING PETROLEUM PRODUCTS
00: -
A process and an apparatus for pyrolysis of mixed plastic feedstock producing petroleum products are described. In one example, a process for producing petroleum products includes charging feedstock of mixed polymer materials into a reactor apparatus. Heat energy is applied to the feedstock while advancing the feedstock through the reactor apparatus in an anaerobic operation. The energy input to the reactor apparatus is controlled by controlling a temperature gradient within the reactor vessel to produce petroleum gas product. The process involves in situ chemical reactions comprising cracking and recombination reactions that that are controlled to convert solid hydrocarbonaceous portion of the feedstock to molten fluids and gases inside the reactor vessel and to produce gaseous petroleum products which exit the reactor vessel. The separated solid residue from the pyrolysis process is also removed from the reactions vessel.

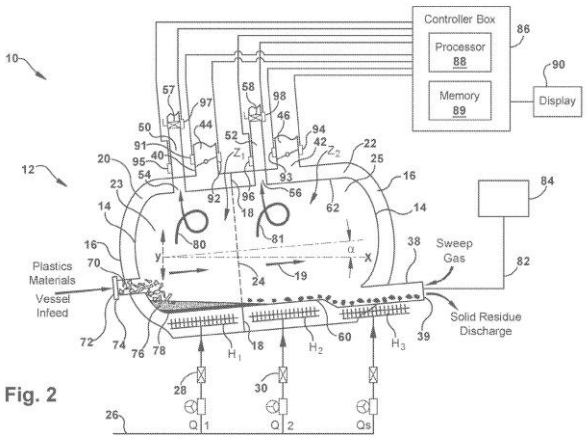
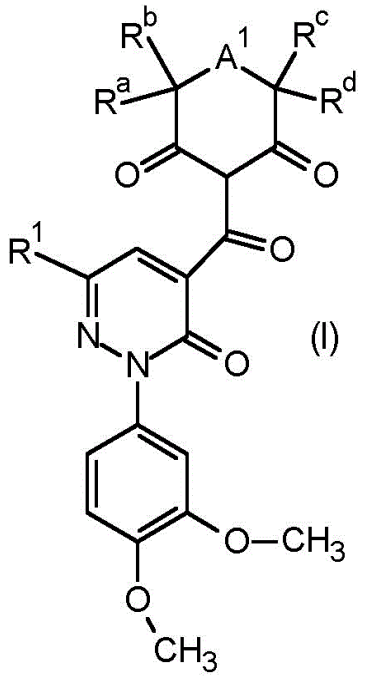


Fig. 2

21: 2018/06433. 22: 2018/09/27. 43: 2019/05/14
51: A01N; C07D
71: Syngenta Participations AG
72: BURTON, Paul Matthew, GAULIER, Steven, RZEPA, Paula Rocha, WATKINS, Melanie Jayne, ASPINALL, Mary Bernadette, EMMETT, Edward John
33: GB 31: 1606613.6 32: 2016-04-15
54: HERBICIDAL PYRIDAZINONE COMPOUNDS
00: -

The present invention relates to compounds of Formula (I), or an agronomically acceptable salt of said compounds wherein A^1, R^1, R^a, R^b, R^c and R^d are as defined herein. The invention further relates to herbicidal compositions which comprise a compound of Formula (I), to intermediate compounds used to produce compounds of Formula (I), to processes for producing compounds of Formula (I) and to the use of compounds of Formula (I) for controlling weeds, in particular in crops of useful plants.



(I)

21: 2018/06453. 22: 2018/09/27. 43: 2019/05/13
51: F16D
71: BENDIX SPICER FOUNDATION BRAKE LLC, KNORR-BREMSE SYSTEME FÜR NUTZFAHRZEUGE GMBH
72: SCHROPP, Josef, SCHOENAUER, Manfred, PAHLE, Wolfgang, BARTEL, Markus, FISCHL, Tobias, BAUMGARTNER, Johann, PETSCHKE, Andreas, BOHMANN, Markus, LANTZ, Richard, L., TEKESKY, Robert, S.
33: US 31: 15/059,817 32: 2016-03-03
54: DISC BRAKE AND BRAKE PAD SET
00: -

A disc brake for a vehicle, in particular for a commercial vehicle, includes a brake carrier which receives at least two brake pads in respective clamping side and rear side pad slots, with the at least one brake pad on the clamping side being held in its pad slot in a form-fitting manner. The at least one brake pad on the clamping side is provided with at least one pad retaining spring which is supported at least on a brake carrier horn of the pad slot of the brake carrier. The at least one clamping spring exerts a tensile force acting radially outward on the brake pad. A brake pad set for the disc brake is also provided.

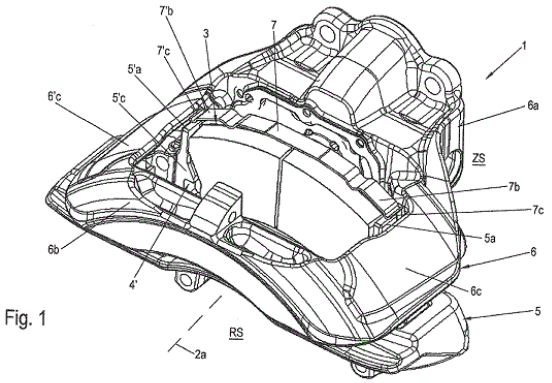
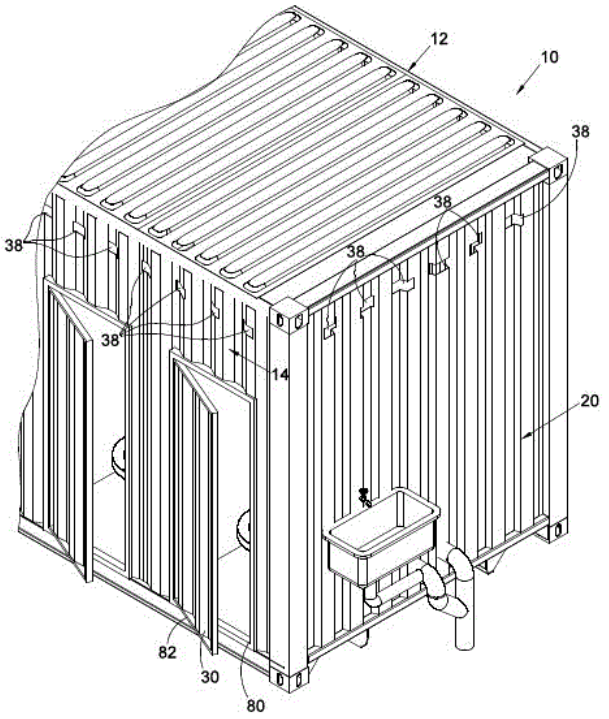


Fig. 1

21: 2018/06462. 22: 2018/09/28. 43: 2019/05/13
51: B65D
71: Core Master Drilling (Pty) Ltd.
72: MINNAAR, Quentin Dudley, KRUGER, Shaun
54: TOILET CONTAINER
00: -
A toilet container is disclosed, comprising a container body having a pair of opposing side walls and a pair of opposing end walls, and a central dividing wall substantially in the middle of the container body so as to divide the container body into two halves, each half in turn defining at least one toilet cubicle, with a side wall of the container body including a door to provide access into each toilet cubicle. In an embodiment, each toilet cubicle comprises a toilet, with a plumbing arrangement extending through the container body on either side of the dividing wall to facilitate the removal of toilet waste. In addition, the plumbing arrangement includes a water supply to provide water to flush the toilets.



21: 2018/06465. 22: 2018/09/28. 43: 2019/05/13
51: A47F
71: SPEX CLOSE CORPORATION
72: PRIDAY, Edward Alexander Melville
54: SHELF CLIP FOR DISPLAYING INFORMATION LABELS
00: -
There is disclosed a shelf clip for displaying information labels, the shelf clip comprising a generally U-shaped base portion having an operatively upper horizontal flange, an operatively lower flange and an operatively upright web interconnecting the two flanges wherein the web has a label support provided on its outside, a retaining portion attached by a hinge to a free end of the operatively lower flange wherein the retaining portion is movable between open positions in which the U-shaped base portion can be introduced over a forward edge of a shelf and a closed position in which the retaining portion releasably holds the U-shaped base portion to the shelf, the retaining portion having a locating limb for operatively engaging an under-surface of a shelf and optionally also an inner surface of the forward edge of the shelf.

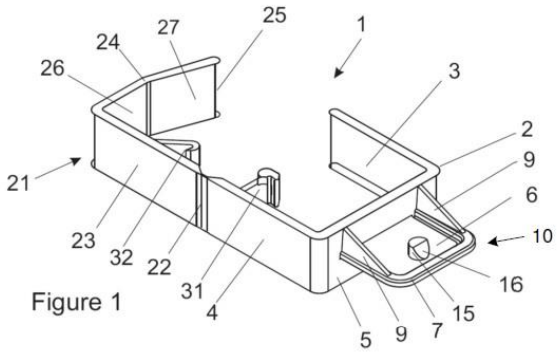


Figure 1

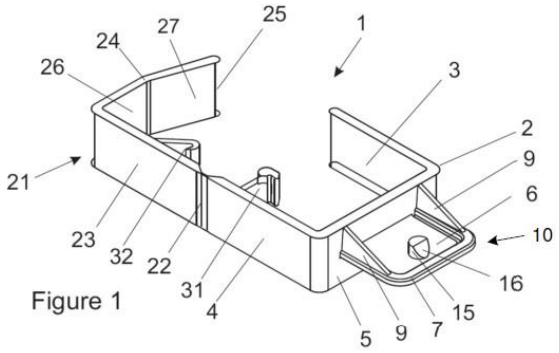


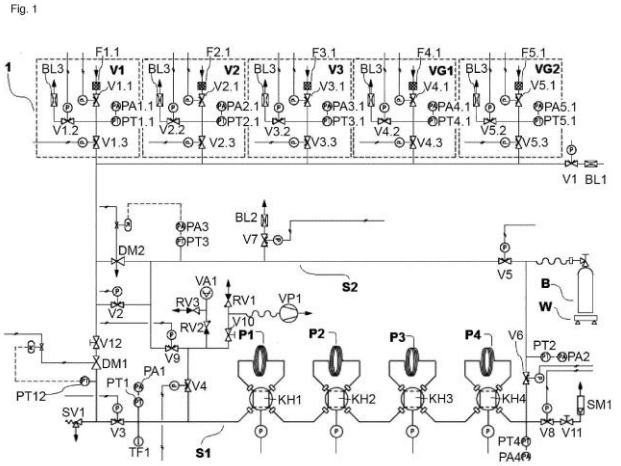
Figure 1

21: 2018/06472. 22: 2018/09/28. 43: 2019/05/13
51: B01D; F24F
71: Ecological World for Life S.A.S
72: ALMARZA CASTILLO, Jorge Luis, CUADROS ANDRADE, Jhosmer Anderson, ZHOU, Chucheng, LARRAZABAL MOGOLLON, Ernesto Enrique
33: CO 31: 16 072111 32: 2016-03-22
54: MECHANICAL SYSTEM FOR CAPTURING AND TRANSFORMING POLLUTANT GASES AND AIR PURIFICATION METHOD
00: -

The invention provides a mechanical system and method for capturing and transforming the subproducts of organic combustion, such as CO_x, NO_x, methane, and solid particles such as soot. In one embodiment, the system comprises a module able to capture the solid particles released from industrial combustion, and a module formed by submodules with molecular (chemical) converters able to transform carbon dioxide (CO_2), carbon monoxide (CO) and nitrogen oxides (NO_x). The invention can be used in the field of purifiers for polluted air.

21: 2018/06474. 22: 2018/09/28. 43: 2019/05/13
51: G05D
71: Linde Aktiengesellschaft
72: SCHMID, Hans Juergen
33: DE 31: 10 2016 003 875.6 32: 2016-03-31
54: VOLUMETRIC AND GRAVIMETRIC FILL STATE FOR PRODUCING A GAS MIXTURE
00: -

The invention relates to a method for producing a gas mixture in a gas container (B), having a plurality of components. At least one first component is volumetrically metered, said first component being locked into at least one sample volume (P1, P2, P3, P4) of a plurality of sample volumes from a storage container (V1, V2, V3, VG1, VG2) of the first component and conducted into the gas container from the at least one sample volume (P1, P2, P3, P4), and at least one second component is gravimetrically metered, wherein the at least one second component is conducted from a storage container (V1, V2, V3, VG1, VG2) of the at least one second component into the gas container (B), and the gas container (B) is weighed using a scale (W) in order to determine the content of the at least one second component. The invention further relates to a device for carrying out the method according to the invention.



21: 2018/06485. 22: 2018/09/28. 43: 2019/05/13
51: A61G
71: Huntleigh Technology Limited
72: WILSON, Kevin, DELLACA, Thomas Anthony
33: US 31: 62/301,928 32: 2016-03-01
54: MANUAL LIFT SYSTEM FOR BED POWER ASSIST WHEEL
00: -

A lift mechanism for a wheel assembly is disclosed. The lift mechanism includes a lever arm having a first axis of rotation, and a first torque transfer plate having a second axis of rotation coincident with the first axis of rotation. A lift block is engagable by the first torque transfer plate and has a first angularly disposed surface and a resting surface adjacent to the first angularly disposed surface. The lift mechanism is configured such that rotation of the

lever arm causes the first torque transfer plate to rotate into engagement with the lift block, thereby causing linear motion of the lift block. The wheel assembly is raised and lowered by contact between a portion of the wheel assembly and the first angularly disposed surface of the lift block and held in a raised position when the portion of the wheel assembly is positioned with respect to the resting surface.

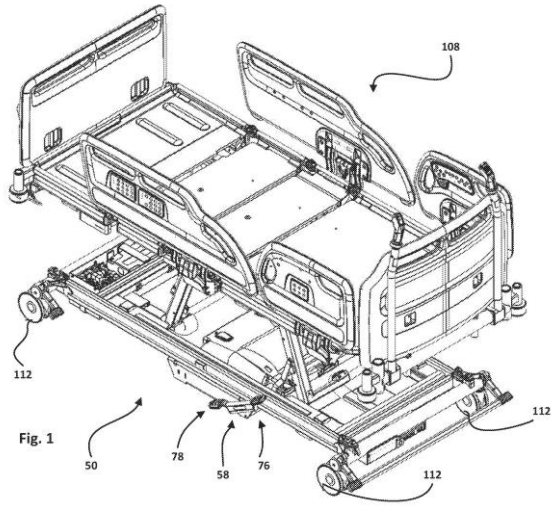


Fig. 1

21: 2018/06497. 22: 2018/10/01. 43: 2019/05/13
51: G01S
71: SAFEMINE AG
72: KAUFMANN, THOMAS, KAUPPINEN, TOMMI JUHANI
33: EP 31: 17198717.5 32: 2017-10-26
54: PERSONAL PROTECTION SYSTEM WITH RF TIME-OF-FLIGHT RANGING
00: -
Relates to a radio frequency time-of-flight ranging system for protecting pedestrians and vehicles on mine sites or similar environments with heavy duty equipment, the system particularly locates people around heavy duty equipment and warns both pedestrian and equipment operator.

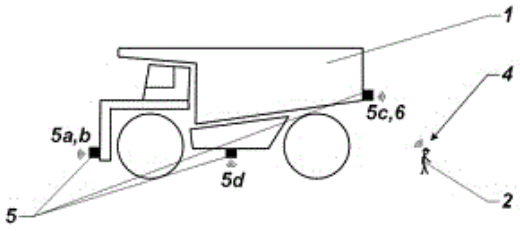


Fig.2a

21: 2018/06500. 22: 2018/10/01. 43: 2019/07/01
51: C09D
71: Seal Chemistry (Pty) Ltd
72: ANGAMUTHOO, Gonaseelan, KNOX, Douglas Alistair Herbert
54: ALTERNATIVE TO METALLISED PAPER AND FOIL/FILM/PAPER LAMINATES FOR THE WRAPPING OF MARGARINE AND BUTTER PRODUCTS
00: -
This invention relates to pigmented coatings as alternatives to the aluminium foil/film/paper laminates typically used in the packaging of oily or fatty foods, such as butter and margarine. The coating is optimised for gravure printing on paper and comprises a solvent complex, preferably comprising solvents selected from suitable acetate esters, such as ethyl acetate and propyl acetate, comprising from 56.95 to 83.72 % by weight; a carrier resin, preferably a ketonic resin, comprising 2.55 to 3.45 % by weight; a polymeric binder preferably an acrylic polymer, comprising 9.35 to 17.25 % by weight; and at least one metal effect pigment comprising 11.22 to 17.25 % by weight. The metal effect pigment is a metallic powder/paste-based pigment in which the metallic powder includes one or more of aluminium, copper, zinc, tin or their alloys.

21: 2018/06503. 22: 2018/10/01. 43: 2019/05/20
51: A61K; C07K
71: BENCHMARK ANIMAL HEALTH LTD
72: TARS, Kaspars
33: EP 31: 16167264.7 32: 2016-04-27
54: TREATMENT OF CANINE ATOPIC DERMATITIS
00: -
The present invention relates to compositions, immunogenic or vaccine compositions and pharmaceutical compositions for the prevention or

treatment of canine atopic dermatitis (CAD). Furthermore, the invention provides methods for preventing or treating CAD. The compositions of the invention induce efficient immune responses, in particular antibody responses, in dogs and are, therefore, useful for the treatment and/or prevention of CAD.

21: 2018/06507. 22: 2018/10/01. 43: 2019/05/23
51: F24J H02S
71: RHEINENERGIE AG
72: HAKENBERG, Peter
33: DE 31: 10 2016 104 096.7 32: 2016-03-07
54: PHOTOVOLTAIC ROOF TILE HAVING A LENGTH-ADJUSTABLE CURRENT LINE
00: -
The invention relates to a photovoltaic roof tile (20) for obtaining electrical energy from solar radiation. The shape of the photovoltaic roof tile according to the invention corresponds substantially to the shape of a conventional roof tile, comprising a top-side photovoltaic module (26) with a first current line (34) and a second current line (36), said photovoltaic module being arranged on a base tile (22) which is used to fasten the photovoltaic roof tile (20) on the roof, wherein - the first current line (34) has a first connection element (38) at its free end, - the second current line (36) has a second connection element (40) at its free end, - at least one of the two lines (34, 36) is designed to be length-adjustable, - the two connection elements (38, 40) are connectable to one another, - the two connection elements (38, 40) are arranged in a basic state within the external dimensions of the photovoltaic roof tile (20), and wherein, in an assembly state, at least one of the two connection elements (38, 40) can be drawn out beyond the external dimensions of the photovoltaic roof tile (20) and can be connected in a current-conducting manner with a corresponding connection element (38, 40) of an adjacent photovoltaic roof tile (20).

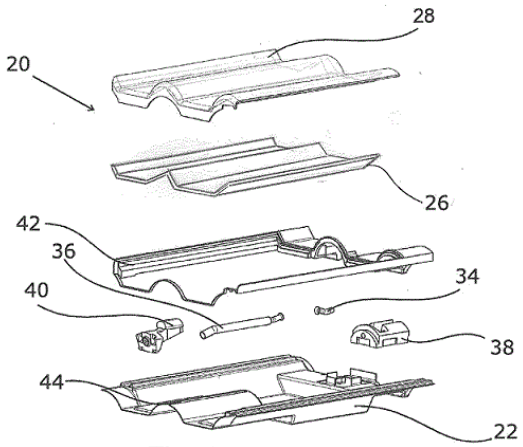


Fig. 1

21: 2018/06508. 22: 2018/10/01. 43: 2019/05/20
51: A61B
71: UNIVERSITEIT GENT
72: DELANGHE, Joris, SPEECKAERT, Marijn, MONTEYNE, Tinne, DE BEER, Thomas
33: EP 31: EP16158854.6 32: 2016-03-06
54: DIRECT INFRARED ANALYSIS OF POST-TRANSLATIONAL MODIFICATION OF PROTEINS
00: -
The present invention relates to a method for measuring post-translational modification of proteins in a subject. The method comprises recording of infrared radiation within a predetermined wavenumber range, attenuated by an integument of said subject, wherein said integument is still attached to said subject, and comparing said attenuation of infrared radiation to a predetermined value for deriving information regarding post-translational modification of proteins in the integument. The invention also relates to a corresponding system as well as to a post-translational modified integument protein as marker for in vivo diagnosis of a disease, e.g. diabetes mellitus or renal insufficiency.

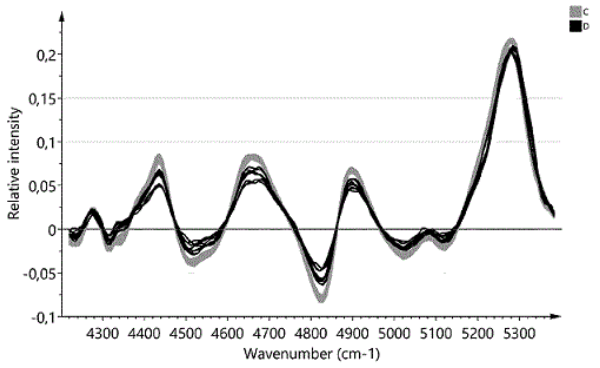
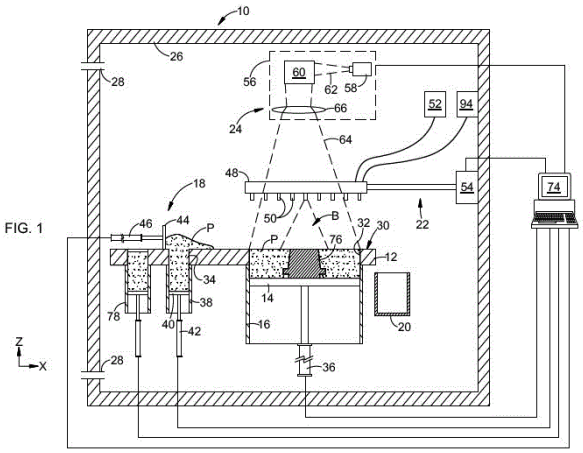


FIG. 2a

21: 2018/06527. 22: 2018/10/02. 43: 2019/05/20
51: A61K
71: PHARMATHEN S.A.
72: KARAVAS, Evangelos, KOUTRIS, Efthymios, SAMARA, Vasiliki, KOUTRI, Ioanna, KALASKANI, Anastasia, KAKOURIS, Andreas, MPENEKIS, Vasilis
54: PHARMACEUTICAL COMPOSITION COMPRISING VILDAGLIPTIN AND METFORMIN AND METHOD OF PREPARATION THEREOF
00: -
The present invention relates to a solid pharmaceutical formulation of Vildagliptin or a pharmaceutically acceptable salt thereof in combination with Metformin or a pharmaceutically acceptable salt thereof, to be used for the treatment of Type2 diabetes.

21: 2018/06528. 22: 2018/10/02. 43: 2019/05/21
51: B29C; B33Y
71: General Electric Company
72: THOMPSON, Mary Kathryn, G, Nagashiresha, GRIFFITH, Tyler A., ROBERTS, Herbert Chidsey
33: US 31: 15/723,907 32: 2017-10-03
54: SELECTIVE CURING ADDITIVE MANUFACTURING METHOD
00: -
A method for producing a component layer-by-layer include the steps of: depositing a layer of particulate material having a first area over a build platform; applying a radiant-energy-curable binder to the layer so that a selected portion of the first area is uniformly coated with binder; selectively curing a second area of the layer smaller than the selected portion of first area, using an application of radiant energy in a specific pattern that defines the geometry of a cross-sectional layer of the component; and repeating the steps of depositing, applying, and curing for a plurality of layers until the component is complete.



21: 2018/06530. 22: 2018/10/02. 43: 2019/05/20
51: A61K; C07F
71: PHOSPLATIN THERAPEUTICS LLC
72: LUKE, Wayne, D., AMES, Tyler
33: US 31: 62/319,047 32: 2016-04-06
54: PHOSPHAPLATIN LIQUID FORMULATIONS
00: -
Pharmaceutical compositions of phosphaplatin compounds, in particular buffered stable liquid formulations of pyrodach-2 ready for use in the treatment of various cancers, and methods of preparation are disclosed.

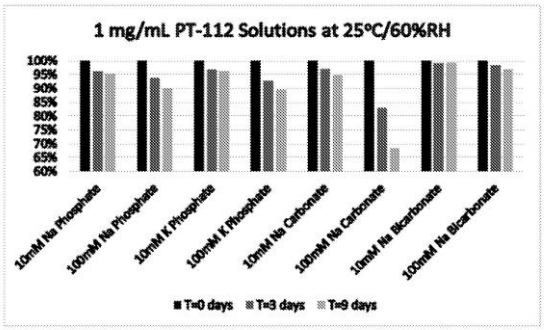


FIG. 1

21: 2018/06531. 22: 2018/10/02. 43: 2019/05/21
51: C08F; D21H
71: APPLIED CHEMICALS HANDELS-GMBH
72: KERMAN, Nuri
33: AT 31: A 212/2016 32: 2016-04-25

54: METHOD FOR PRODUCING A DRY STRENGTHENING AGENT CONSISTING OF GLYOXALATED POLYACRYLAMIDE

00: -

The invention relates to a method for producing a dry strengthening agent, particularly glyoxalated polyacrylamide, in which ethanedial (glyoxal) is added to an aqueous solution of polyacrylamide while being agitated with a circulation pump. In said method, the reaction is started by adding a base, particularly a strong base at a basic pH value, particularly a pH value of higher than 8, and is left to react while being agitated and/or circulated, and once a predetermined reaction time has passed, the reaction is stopped by adding an acid while being agitated and/or circulated. The method is carried out as a discontinuous method in which a quantitative reaction of the ethanedial with a surplus amount of polyacrylamide in an aqueous basic medium is open-loop and/or closed-loop controlled on the basis of at least one and preferably at least two of the following factors: a) turbidimetric analysis, b) pH value adjustment depending on the temperature, c) pH value adjustment depending on the reaction time, d) drop in pH value or e) current consumption of the circulation pump.

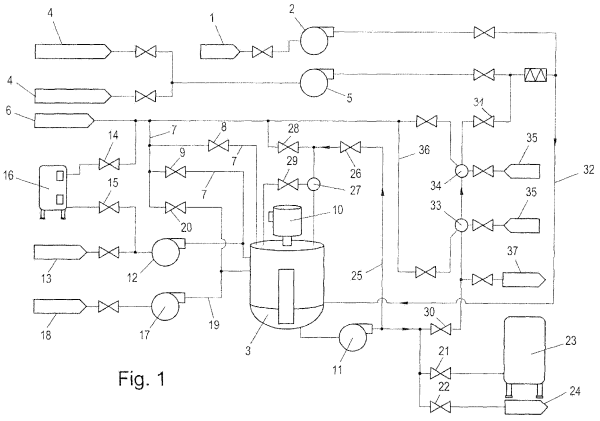


Fig. 1

21: 2018/06536. 22: 2018/10/02. 43: 2019/05/21
51: F03B
71: Perga Ingenieros, S.L.
72: PEREZ GARCIA, Mario, PEREZ GARCIA, José Miguel
33: ES 31: P201630252 32: 2016-03-03

54: TURBINE GENERATOR DEVICE FOR PRODUCING ELECTRICAL ENERGY AND ASSOCIATED METHODS OF OPERATION AND INSTALLATION

00: -

The invention relates to a turbine generator device and associated methods of operation and installation, the generator comprising: a cylindrical tube (1) through which a volume of fluid circulates; a hydraulic turbine (2) axially and mechanically coupled to a generator element by means of a shaft (3), the generator element comprising a tubular casing (4) that is leaktight with respect to the fluid in circulation. According to the invention, the casing (4) contains a rotor (5) coupled to the shaft (3), and a stator (6) that surrounds the rotor (5), the casing (4) having two bases: one comprising a hole for the passage of the shaft (3) towards the turbine (2); and another comprising an elastic diaphragm (7) designed to absorb the pressures outside of the casing (4). In turn, a space is defined between the stator (6) and the internal surface of the casing (4), an antifreeze liquid (14) being contained in said space.

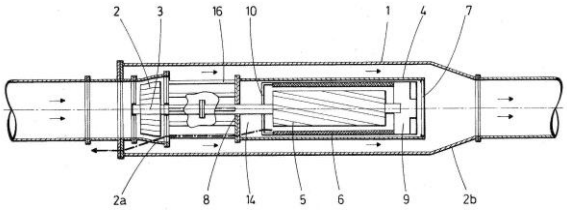


FIG.1

21: 2018/06557. 22: 2018/10/03. 43: 2019/05/20
51: A61K; A61P
71: REGENERON PHARMACEUTICALS, INC.
72: SASIELA, William, J., PORDY, Robert, C., SCHWEMMER-GIPE, Daniel A.
33: US 31: 62/348,001 32: 2016-06-09
33: US 31: 62/451,310 32: 2017-01-27
33: US 31: 62/328,823 32: 2016-04-28

54: METHODS FOR TREATING PATIENTS WITH FAMILIAL HYPERCHOLESTEROLEMIA

00: -

The present invention provides methods for treating patients suffering from familial hypercholesterolemia, including both HeFH and HoFH. The methods of the invention provide for lowering at least one lipid parameter in the patient by administering a therapeutically effective amount of an antibody or antigen-binding fragment thereof that specifically binds to ANGPTL3 in combination with a therapeutically effective amount of a statin, a first

lipid lowering agent other than a statin, and a second lipid lowering agent other than a statin. The first non-statin lipid lowering agent is an agent that inhibits cholesterol uptake (e.g. ezetimibe) and the second non-statin lipid-lowering agent is an inhibitor of microsomal triglyceride transfer protein (e.g. lomitapide). The combination therapy is useful in treating hypercholesterolemia, as well as hyperlipidemia, hyperlipoproteinemia and dyslipidemia, including hypertriglyceridemia, chylomicronemia, and to prevent or treat diseases or disorders, for which abnormal lipid metabolism is a risk factor, such as cardiovascular diseases.

21: 2018/06558. 22: 2018/10/03. 43: 2019/05/21
51: C10G
71: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
72: GINESTRA, Josiane Marie-Rose
33: US 31: 62/327,072 32: 2016-04-25
54: A METHOD OF OPERATING AN EBULLATED BED PROCESS TO REDUCE SEDIMENT YIELD
00: -
An improved method of operating a conventional ebullated bed process for the hydroconversion of heavy hydrocarbon feedstocks so as to provide for low or reduced sediment content in the conversion product without the loss of hydrodesulfurization function.

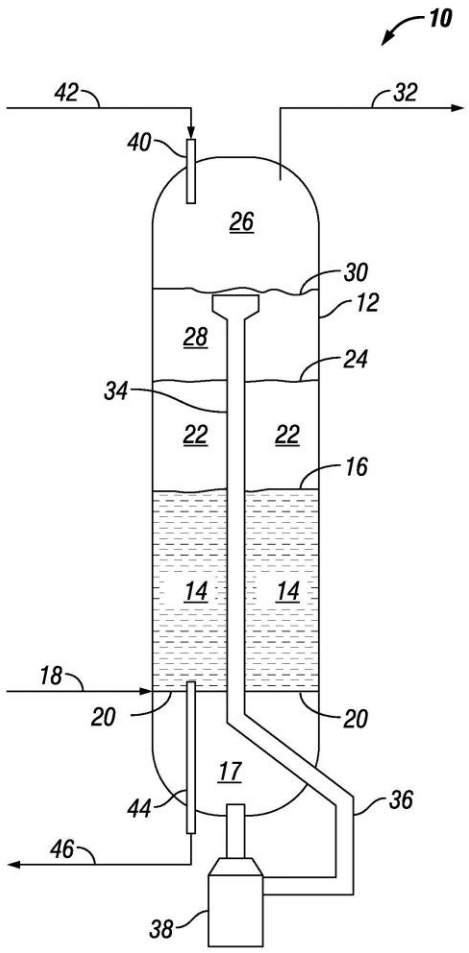
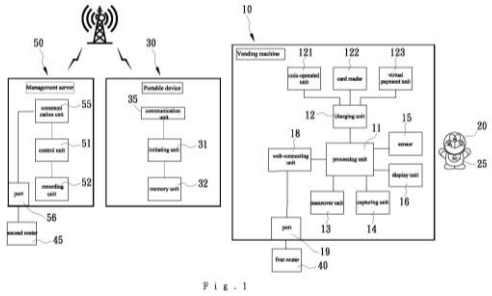


FIG. 1

21: 2018/06562. 22: 2018/10/03. 43: 2019/05/21
51: G07F
71: HUANG, Ming-Jian
72: HUANG, Ming-Jian, CHU, En-Hsin, HUANG, Yu-Tsen, HUANG, Kuan-Wei
54: NETWORK INTERACTIVE SYSTEM FOR SELECTING OBJECT FOR SALE
00: -
A network interactive system for selecting an object for sale. The system comprises a management server device, at least one portable apparatus, and at least one object-selecting vending machine. The object-selecting vending machine is provided with a network module connected to the internet via a router, such that the portable apparatus of a player can input data received from the management server device into the object-selecting vending machine, and then the object-selecting vending machine compares the same to data acquired from

the internet, and transmits, by means of the network module, to the management server device or the portable apparatus of the player data of a purchase of the player. In this way, the present invention enables transmission of game data of a player to a management server device to perform remote management, and increases a fun level of the game to increase financial profits thereof.



21: 2018/06586. 22: 2018/10/04. 43: 2019/05/20
51: B01J; C01B; C07C
71: EXXONMOBIL CHEMICAL PATENTS INC.
72: STROHMAIER, Karl, G., CORMA CANOS, Avelino, GUZMAN, Javier, MOLINER MARIN, Manuel, SERNA MERINO, Pedro
33: US 31: 62/340,768 32: 2016-05-24
33: EP 31: 16183679.6 32: 2016-08-11
54: A SYNTHETIC ZEOLITE COMPRISING A CATALYTIC METAL
00: -
A small pore size synthetic zeolite having a degree of crystallinity of at least 80% and comprising at least 0,01 wt% based on the weight of the zeolite of at least one catalytic metal selected from the group consisting of Ru, Rh, Pd, Ag, Os, Ir, Pt, Au, Mo, W, Re, Co, Ni, Zn, Cr, Mn, Ce, Ga and combinations thereof, wherein at least 80% of the catalytic metal is encapsulated in the zeolite, wherein if the zeolite is an aluminosilicate it has a SiO2:Al2O3 molar ratio of greater than 6:1.

21: 2018/06587. 22: 2018/10/04. 43: 2019/05/21
51: A24F; A61M; H05B
71: PHILIP MORRIS PRODUCTS S.A.
72: DUC, Fabien, TABASSO, Alain
33: EP 31: 16175298.5 32: 2016-06-20
54: HEATER ASSEMBLY FOR AN AEROSOL-GENERATING SYSTEM
00: -
The invention relates to a heater assembly for an aerosol-generating system comprising a perforated glass substrate (10) and a heater element (12, 14, 16), wherein the heater element (12, 14, 16) is provided in or on the glass substrate (10).

Figure 1

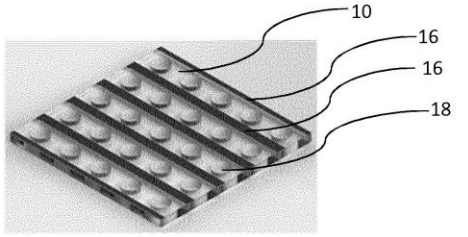


Fig. 1a

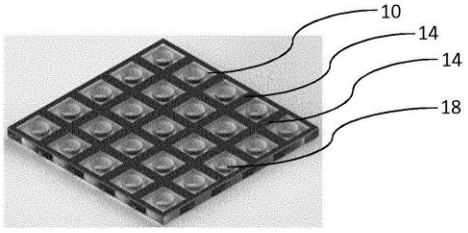


Fig. 1b

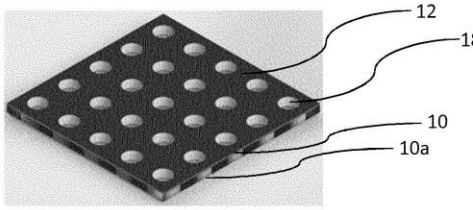


Fig. 1c

21: 2018/06590. 22: 2018/10/04. 43: 2019/05/21
51: A62C; B05B
71: The Viking Corporation
72: PIPE, Jed
33: US 31: 15/099,564 32: 2016-04-14
54: RESIDENTIAL CONCEALED SPRINKLER
00: -
An automatic fire protection sprinkler includes a sprinkler body having a passage with an inlet end and a discharge opening. A pair of sprinkler arms extend from the sprinkler body. The pair of sprinkler arms each include a radially inwardly extending leg including a threaded bore for receiving a compression screw. The pair of sprinkler arms each include a radially outwardly extending leg each defining an aperture therein. An outlet closure assembly includes a closure element that selectively

blocks the discharge opening of the sprinkler body and a trigger assembly including a yoke that engages the compression screws and a glass bulb that extends between the yoke and the closure element. A deflector is coupled to the sprinkler arms by a pair of support pins that are received in the apertures in the radially outwardly extending legs of the at least two sprinkler arms.

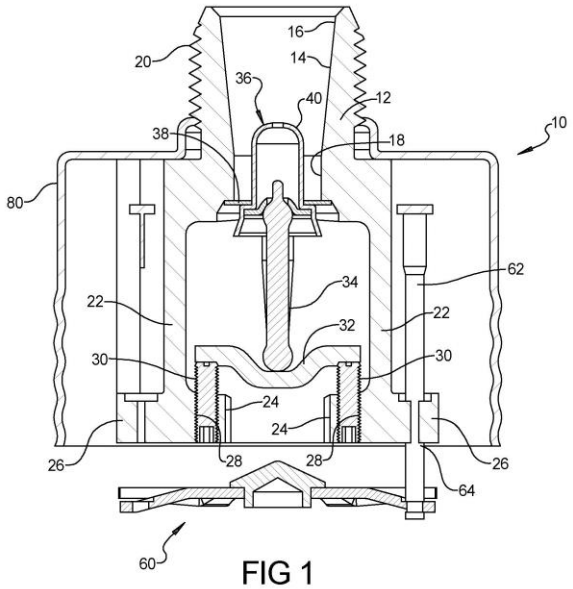


FIG 1

21: 2018/06591. 22: 2018/10/04. 43: 2019/05/21
51: G01S
71: Modular Mining Systems, Inc.
72: LEWIS, Michael W., VAN LATUM, Lucas, ROTTIG, Andree, CASSON, William
33: US 31: 15/094,225 32: 2016-04-08
54: DRIVER GUIDANCE FOR GUIDED MANEUVERING
00: -
A system and method for driver guidance are presented. A position sensor is mounted to a vehicle. The position sensor is configured to identify a position of the vehicle and a heading of the vehicle. A device is configured to generate a plurality of outputs. A controller is connected to the position sensor and the display device. The controller is configured to access, via a wireless communications network, a database to identify a target loading location for the vehicle, determine a location and a heading of the target loading location for the vehicle, and modify at least one of the plurality of outputs of the display device based upon at least one of the location and the heading of the target loading location.

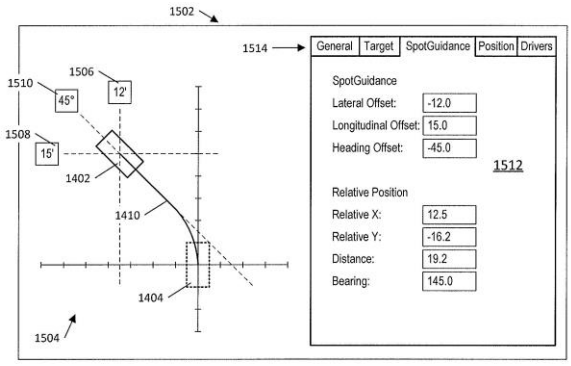


FIG. 15

21: 2018/06600. 22: 2018/10/04. 43: 2019/05/24
51: F21V; H01L; H05B
71: INSiAVA (PTY) LTD.
72: VENTER, Petrus Johannes, GOOSEN, Marius Eugene, JANSE VAN RENSBURG, Christo, FAURé, Nicolaas Mattheus
33: ZA 31: 2016/01593 32: 2016-03-08
54: INDIRECT BAND GAP LIGHT EMITTING DEVICE
00: -
An indirect band gap light emitting device comprises a first body of non-monocrystalline indirect band gap semiconductor material. In this first body, two regions are formed: a first region with a first doping kind and a first doping concentration and a second region with a second doping kind and a second doping concentration. A junction is formed between the first region and the second region with a terminal arrangement connected to the first body and arranged to reverse bias the junction so as to emit light. The first body is formed from a deposited layer of semiconductor to form an integral part of a substrate. An integrated circuit can include the light emitting device and a second body of monocrystalline indirect band gap semiconductor material. A third body may separate and galvanically isolate the first and second bodies from each other.

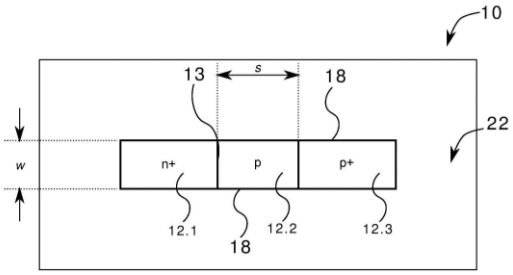


FIG. 2

21: 2018/06601. 22: 2018/10/04. 43: 2019/05/24
51: C08K
71: PMC ORGANOMETALLIX, INC.
72: MESCH, Keith, DYMEK, Anthony
33: US 31: 62/305,013 32: 2016-03-08
33: US 31: 15/419,881 32: 2017-01-30
54: METHYL AND OCTYL TIN - REACH COMPLIANT HIGH PERFORMANCE STABILIZER FOR PVC FILM MANUFACTURE
00: -
A liquid organotin heat stabilizer for clear, opaque and/or colored calendered rigid Polyvinyl Chloride (PVC) comprising octyltin mercaptide and methyltin mercaptide. Octyltin mercaptide is used to develop good early color in a clear, opaque or colored calendered rigid PVC film application. Methyltin mercaptide is used to improve the long term heat stability (reduced burning) of the clear, opaque or colored rigid calendered PVC films. Ranges from 50% to 75% octyltin mercaptide, and from 50% to 25% methyltin mercaptide have application. Preferred ranges are 60% to 64% octyltin mercaptide and 40% to 36% methyltin mercaptide. Most preferred is 62% octyltin mercaptide and 38% methyltin mercaptide.

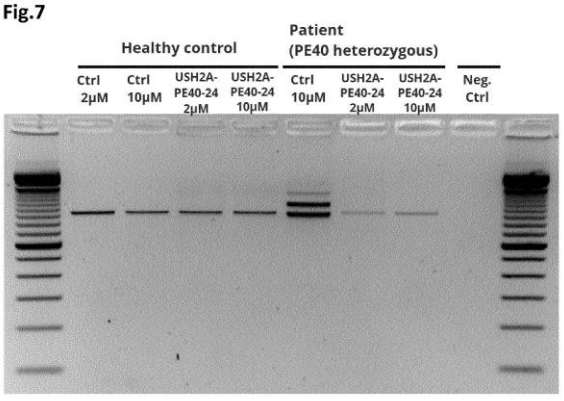
FIG. 1 **Octyl Tin Development 0.8 PHR**

CIE Delta-E Color Change

	Octyl Tin Only	Blend A (75/25)	Blend B (62/38)	Blend C (50/50)
Time (minutes)	*CIE DE*	*CIE DE*	*CIE DE*	*CIE DE*
1	16.33	13.26	13.13	15.12
2	16.10	13.40	13.66	15.91
3	16.60	15.39	14.53	17.47
4	17.02	16.15	16.43	18.45
5	17.07	18.22	17.42	19.74
6	17.65	19.14	18.67	21.47
7	18.76	21.42	21.33	24.77
8	20.75	23.12	24.41	26.48
9	25.17	28.08	28.22	30.27
10	32.54	34.87	32.45	45.88
11	50.98	49.36	43.12	74.22
12	78.72	79.11	61.15	82.06
13		82.23	87.09	36.02

21: 2018/06628. 22: 2018/10/05. 43: 2019/05/24
51: A61K; C12N
71: PROQR THERAPEUTICS II B.V.
72: VAN DIEPEN, Hester Catharina, CHAN, Hee Lam;, TURUNEN, Janne Juha
33: GB 31: 1607141.7 32: 2016-04-25
54: OLIGONUCLEOTIDES TO TREAT EYE DISEASE
00: -
The invention relates to the fields of medicine and immunology. In particular, it relates to novel antisense oligonucleotides that may be used in the treatment, prevention and/or delay of Usher Syndrome type II and/or USH2A-associated non syndromic retina degeneration, especially by skipping a pseudo exon (PE40) between exon 40 and 41 in the human USH2Agene.

Fig.7



21: 2018/06637. 22: 2018/10/05. 43: 2019/05/24

51: A61K; A61P
71: MedImmune Limited
72: BEDNAREK, Maria Aleksandra, JERMUTUS, Lutz Ulrich, AMBERY, Philip, PETRONE, Marcella
33: US 31: 62/306,121 32: 2016-03-10
54: GLUCAGON AND GLP-1 CO-AGONISTS FOR THE TREATMENT OF OBESITY
00: -
Provided herein are methods of preventing and treating obesity and diabetes in patients comprising administering GLP-1/glucagon agonist peptides.

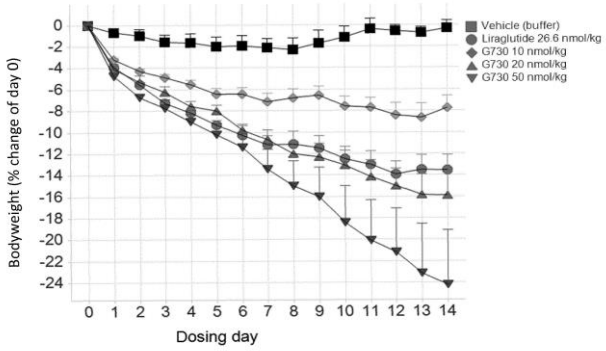
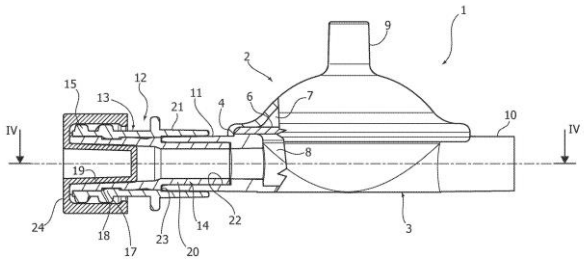


FIG. 1

21: 2018/06638. 22: 2018/10/05. 43: 2019/05/13
51: A61M
71: Industrie Borla S.p.A.
72: GUALA, Gianni
33: IT 31: 102016000035281 32: 2016-04-06
54: PRESSURE POD FOR HAEMODIALYSIS MEDICAL LINES
00: -
Pressure pod (1) for haemodialysis medical lines comprising a hollow body (2, 3) with an intermediate flexible membrane (6) which delimits a gas chamber (7) and a liquid chamber (8) with inlet and outlet tubular fittings (10, 11) for connection to the haemodialysis medical line. A female luer-lock connector (12) comprising an outer tubular body (13) made of relatively rigid thermoplastic material and an inner tubular body (14) made of relatively soft thermoplastic material on which the outer tubular body (13) is axially blocked rotatably, is associated to at least one tubular fitting (11). The tubular fitting (11) is engaged within an annular cavity (22) formed between the inner and outer tubular bodies (13, 14) of the female connector (12).

FIG. 3



21: 2018/06665. 22: 2018/10/08. 43: 2019/05/21
51: G01N; G06F; G06Q; G06T
71: ALP Multitech PVT. LTD.
72: PATEL, Arvindbhai Lavjibhai
33: IN 31: 201821030252 32: 2018-08-11
54: A SYSTEM AND METHOD TO AUTOMATICALLY GENERATE VALUABLE CUTTING PLANS FOR A ROUGH GEMSTONE
00: -
A system and method to automatically generate valuable cutting plans for a rough gemstone (10) is disclosed. An apparatus (150) having a gemstone holding fixture (30) holds the rough gemstone (10) to be evaluated. Camera (20) captures multiple external images of the rough gemstone (10) being rotated and illuminated. A three-dimensional external image of the rough gemstone (10) including external imperfections is generated using a software governed image processing device (70). After immersing the gemstone inside a medium (20) that has a refractive index substantially same as that of the gemstone (20), camera (50) captures multiple internal images of the rough gemstone (10) being rotated and illuminated. Three-dimensional images of impurities inside the rough gemstone (10) are generated and combined with the three-dimensional external image of the rough gemstone (10). Correct locations, shapes, and sizes of the internal impurities and external imperfections of the rough gemstone (10) are identified. Software governed image analysing device (140) computes three-dimensional cutting plans and selects the most valuable cutting plan while evaluating the worth of the rough gemstone (10) using real-time artisan data.

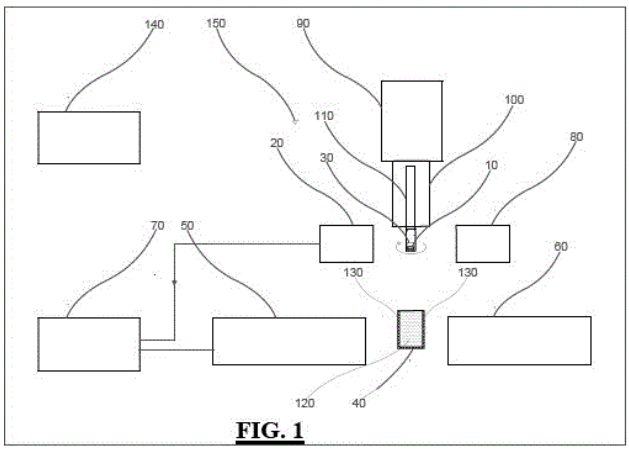


FIG. 1

21: 2018/06666. 22: 2018/10/08. 43: 2019/05/24
51: F24S; H02S
71: SENER, INGENIERÍA Y SISTEMAS, S.A.
72: PEÑA SAGASTUY, JORGE, MUGURUZA ARRIBAS, KOLDO, KAIFER MARTÍNEZ, ANTÓN, DE LA TORRE SIERRA, MIGUEL
33: ES 31: P 201731238 32: 2017-10-20
54: AZIMUTHAL AND ELEVATION ROTATION MECHANISM FOR A SOLAR TRACKER
00: -
Azimuthal and elevation rotation mechanism for solar trackers, which provides an azimuthal rotation around a vertical pedestal (2) to an azimuthal rotating support (6) on which a support structure (1) of solar panels is in turn mounted with elevation rotation capacity around a horizontal shaft linked to the azimuthal rotating support (6). The azimuthal rotation is obtained by means of a single azimuthal linear actuator (4) and the elevation rotation is obtained by means of a single elevation linear actuator (5), such that only two linear actuators (4,5) are needed to obtain all the positions of the solar panels required for a complete solar tracking.

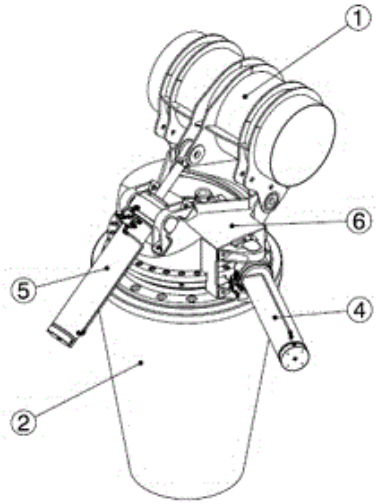
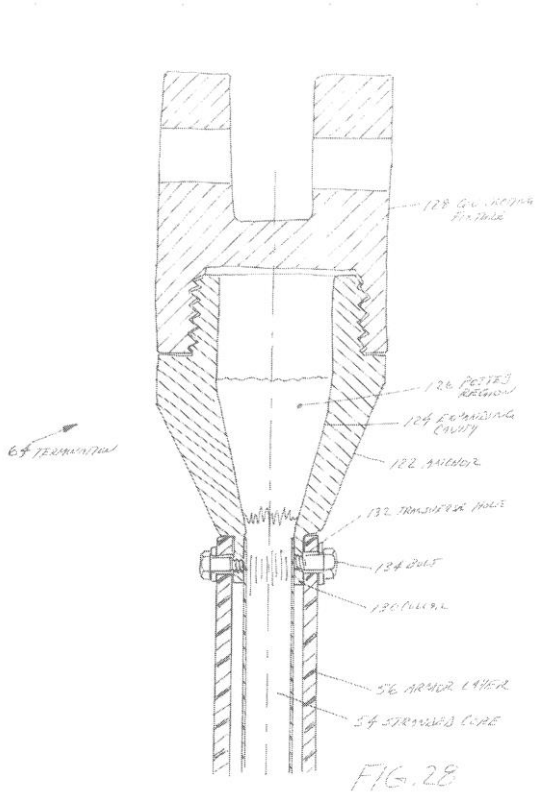


Fig. 2

21: 2018/06669. 22: 2018/10/08. 43: 2019/05/24
51: D07B; E02F
71: CAMPBELL, Richard V.
72: CAMPBELL, Richard V.
33: US 31: 15/066,162 32: 2016-03-10
54: IMPROVED DRAGLINE BUCKET RIGGING SYSTEM
00: -
An assembly and method for using a flexible tensile member as part of the rigging for a dragline bucket. The tensile member includes a stranded core surrounded by a separate armor layer. The armor layer assumes the form of a hollow cylinder having a substantial wall thickness. A significant gap is provided between the outward-facing surface of the stranded core and the inward-facing surface of the armor layer. This gap minimizes wear between the two elements during the normal bending and flexing of the tensile member. A first anchor is attached to a first end of the stranded core and a second anchor is attached to a second end of the stranded core. These anchors serve to transmit tension carried by the stranded core. A first end of the armor layer is also attached to the first anchor and a second end of the armor layer is attached to the second anchor.



21: 2018/06672. 22: 2018/10/08. 43: 2019/05/27
51: G10L
71: FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
72: MULTRUS, Markus, NEUKAM, Christian, SCHNELL, Markus, SCHUBERT, Benjamin
33: EP 31: 16164951.2 32: 2016-04-12

54: AUDIO ENCODER FOR ENCODING AN AUDIO SIGNAL, METHOD FOR ENCODING AN AUDIO SIGNAL AND COMPUTER PROGRAM UNDER CONSIDERATION OF A DETECTED PEAK SPECTRAL REGION IN AN UPPER FREQUENCY BAND

00: -

An audio encoder for encoding an audio signal having a lower frequency band and an up-per frequency band, comprises: a detector (802) for detecting a peak spectral region in the upper frequency band of the audio signal; a shaper (804) for shaping the lower frequency band using shaping information for the lower band and for shaping the upper frequency band using at least a portion of the shaping information for the lower band, wherein the shaper (804) is configured to additionally attenuate spectral values in the detected peak spectral region in the upper frequency band; and a quantizer and coder stage (806) for quantizing a shaped lower frequency band and a shaped upper frequency band and for entropy coding quantized spectral values from the shaped lower frequency band and the shaped upper frequency band.

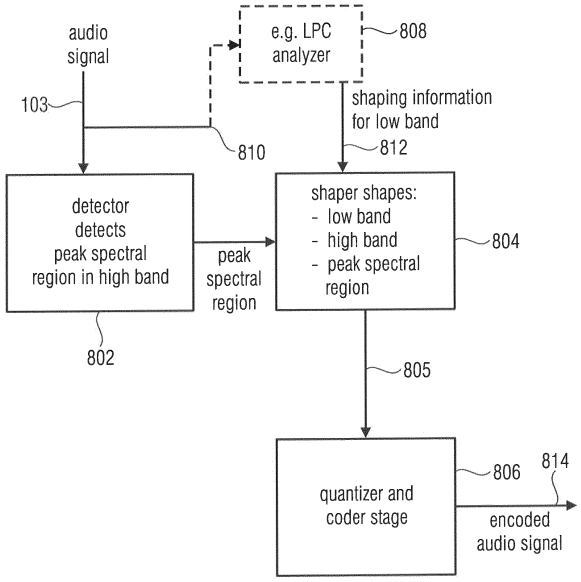


Fig. 8

21: 2018/06681. 22: 2018/10/08. 43: 2019/05/24
51: C12P
71: PURAC Biochem BV
72: KALBASENKA, Aliaksei, BOKHOVE, Jeroen
33: EP(NL) 31: 16164820.9 32: 2016-04-12

54: MAGNESIUM LACTATE FERMENTATION PROCESS

00: -

The invention pertains to a fermentation process for producing magnesium lactate from a carbon source comprising the steps of - providing a fermentation medium comprising a fermentable carbon source in a fermentation reactor, - fermenting the fermentation medium by means of a lactic acid producing microorganism in the presence of an alkaline magnesium salt to provide a fermentation broth comprising magnesium lactate, and - recovering solid magnesium lactate from the magnesium lactate containing fermentation broth, wherein during at least 40% of the operating time of the fermentation process, the concentration of solid magnesium lactate in the fermentation broth is maintained in the

range of 5-40 vol.%, calculated as solid magnesium lactate crystals on the total of the fermentation broth. The process of the invention allows stable operation at high productivity, in combination with efficient product separation.

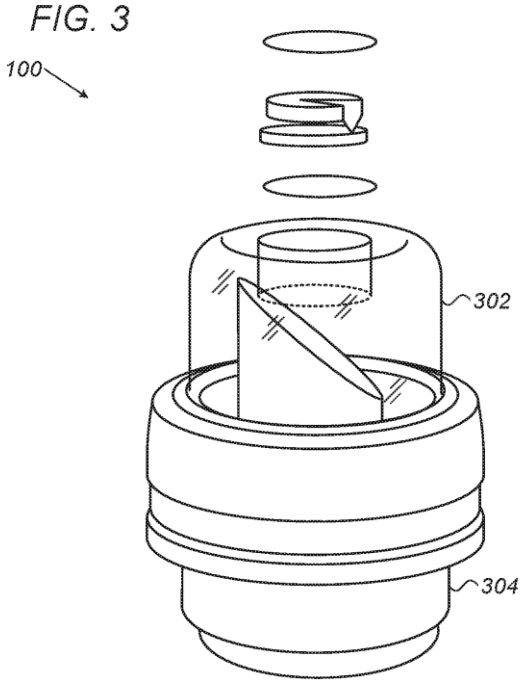
21: 2018/06692. 22: 2018/10/08. 43: 2019/05/24
51: A61J; B65D
71: WATERIO LTD
72: KAPLAN, Nimrod
33: US 31: 62/307,980 32: 2016-03-14

54: A METHOD AND A SYSTEM FOR NOTIFYING A USER ABOUT AN ESTIMATED TIME OF CONSUMPTION OF A PRODUCT

00: -

Disclosed is a system for notifying a user about an estimated time of consumption of a product. The system includes an electronic device, and a processor. The electronic device is integrated with a portion of a container of a product and configured to transmit a plurality of data relating to the amount of product in the container. The processor is configured to perform steps of a method. The method initiates with a step to receive from the electronic device the plurality of data relating to the amount of product in the container. The above step is then followed by another step i.e. based on the received plurality of data; calculate a usage pattern for the product in the container. The above step is then followed by another step i.e. based on the usage pattern; calculate an estimated time of consumption of the product in the container. The above step is then followed by either a step to notify a user of an estimated time of consumption of the product in the container or the step of automatically order a refill of the product based on the estimated time of consumption.

FIG. 3

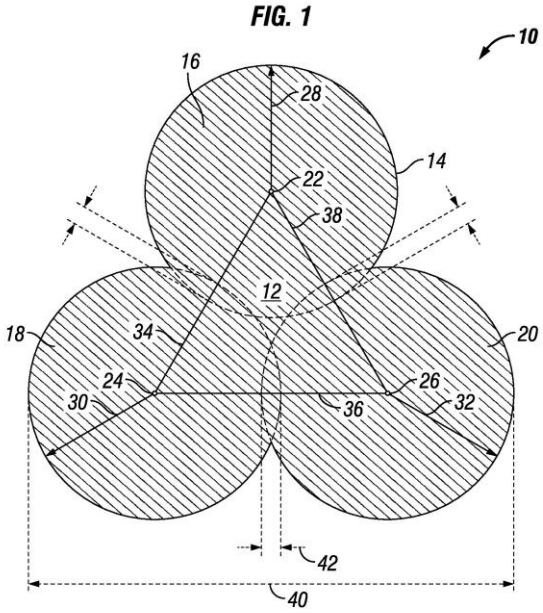


21: 2018/06703. 22: 2018/10/09. 43: 2019/05/24
51: C10G
71: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
72: GINESTRA, Josiane Marie-Rose
33: US 31: 62/327,082 32: 2016-04-25

54: AN EBULLATED BED PROCESS FOR HIGH CONVERSION OF HEAVY HYDROCARBONS WITH A LOW SEDIMENT YIELD

00: -

An ebullated bed process for the hydroconversion of heavy hydrocarbon feedstocks that provides for high conversion of the heavy hydrocarbon with a low sediment yield. The process uses for its catalyst bed small particles of a specifically defined shaped hydroprocessing catalyst which is contacted with the heavy hydrocarbon feedstock under hydroconversion conditions and yields a hydrocarbon conversion having a relatively low sediment content.



21: 2018/06704. 22: 2018/10/09. 43: 2019/05/21
51: C10G
71: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
72: GINESTRA, Josiane Marie-Rose
33: US 31: 62/327,057 32: 2016-04-25
54: AN EBULLATED BED PROCESS FOR HIGH CONVERSION OF HEAVY HYDROCARBONS WITH A LOW SEDIMENT YIELD
00: -
An ebullated bed process for the hydroconversion of heavy hydrocarbon feedstocks that provides for high conversion of the heavy hydrocarbon with a low sediment yield. The process uses for its catalyst bed an impregnated shaped ebullated bed catalyst having a low macroporosity and a geometry such that its characteristic cross section perimeter-to-cross sectional area is within a specifically defined range.

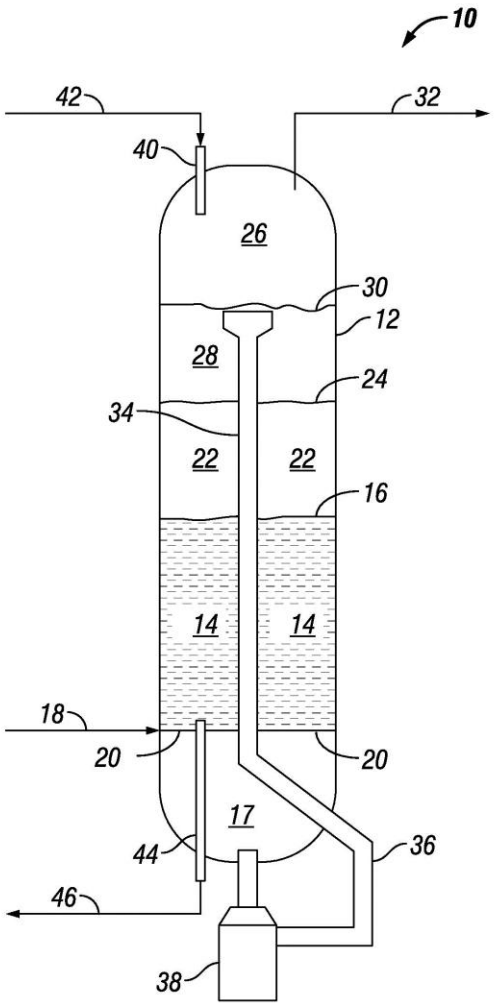


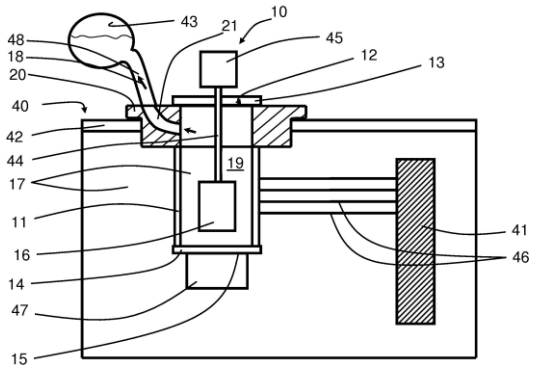
FIG. 1

21: 2018/06706. 22: 2018/10/09. 43: 2019/05/24
51: E04C
71: JIANGSU ERNEST TECHNOLOGY CO LTD
72: LU, Desheng
33: CN 31: 201620793072.0 32: 2016-07-26
54: A CONNECTOR FOR JOINING BARS
00: -
A connector (10) for jointing bars is provided. It comprises a shank (13) for attaching to a first bar, a connection head (14) jointed to the shank (13). The connection head (14) comprises a projecting post (22) and a well (24), which are in alignment with the longitudinal axis (17) of the shank (13). The size and shape of the well (24) correspond to the size and shape of the projecting post (22). An identical connector is provided for attaching a second bar.

21: 2018/06707. 22: 2018/10/09. 43: 2019/06/25
51: C21D; C22C; C23C
71: ARCELORMITTAL
72: Thierry IUNG, Gerard PETITGAND
33: WO 31: PCT/IB2016/000695 32: 2016-05-24
54: METHOD FOR PRODUCING A TWIP STEEL SHEET HAVING AN AUSTENITIC MICROSTRUCTURE
00: -
The present invention relates to a method for producing a TWIP steel sheet having a high strength, an excellent formability and elongation.

21: 2018/06737. 22: 2018/10/10. 43: 2019/05/24
51: H01H
71: MASCHINENFABRIK REINHAUSEN GMBH
72: ATMANSPACHER, Jörg, GOSS, Michael, STEMPFHUBER, Johannes, SCHLEPP, Klaus
33: DE 31: 10 2016 110 221.0 32: 2016-06-02
54: ON-LOAD TAP CHANGER HEAD AND ON-LOAD TAP CHANGER HAVING AN ON-LOAD TAP CHANGER HEAD
00: -
An on-load tap changer head (20) for an on-load tap changer (10) comprises a first region (21) which is formed in the on-load tap changer head (20) and through which an insulating fluid (17) of the on-load tap changer (10) can flow; a second region (23) which is separated from the first region (21) by a wall (22); a detector apparatus (39) for detecting an elevated flow rate of the insulating fluid (17), comprising a flow control flap (24) which is arranged in the first region (21) and switches from a first position (24A) to a second position (24B) starting from a defined flow rate of the insulating fluid (17); a first coupling magnet (25) which is fastened to the flap (24) and is located in the immediate vicinity of the wall (22) in the second position (24B) of the flow control flap (24); a second coupling magnet (26) which is arranged in the immediate vicinity of the wall (22) in the second region (23); a switch (27) which is arranged in the second region (23) and is coupled to the second coupling magnet (26) in such a way that the process of switching over the flow control flap (24) from the first position (24A) to the second position (24B) operates the switch (27).

FIG. 1



21: 2018/06740. 22: 2018/10/10. 43: 2019/05/21
51: C07J
71: GUILIN LAYN NATURAL INGREDIENTS CORP.
72: JIANG, Minglian, YANG, Wenguo, SONG, Yunfei, LI, Yuanyuan
33: CN 31: 201710151350.1 32: 2017-03-14
54: METHOD FOR SEPARATING AND PURIFYING MOGROSIDE V BY MEANS OF SUBCRITICAL HYDROLYTIC ADSORPTION TECHNOLOGY
00: -
Disclosed is a method for separating and purifying mogroside V by means of subcritical hydrolytic adsorption technology. The method desorbs a macroporous adsorption resin enriched with mogroside V under subcritical conditions for water, with water as a solvent, to obtain an aqueous solution rich in mogroside V. The method not only increases the content of mogroside V in a product, but also effectively removes bitter-tasting impurities and residual pesticides, greatly improves the taste adaptability of the product, and increases the safety and quality of the product. The method reduces the number of process steps and reduces the use of organic solvents in the prior art, thereby reducing the overall production cost.

21: 2018/06758. 22: 2018/10/11. 43: 2019/05/03
51: F04D
71: Weir Minerals Australia Ltd
72: BURGESS, Kevin Edward, LIU, Wen-Jie, LAVAGNA, Luis Moscoso
33: AU 31: 2008902665 32: 2008-05-27
54: IMPROVEMENTS RELATING TO CENTRIFUGAL PUMP IMPELLERS

00: -

A centrifugal pump impeller includes front and back shrouds and a plurality of pumping vanes therebetween, each pumping vane having a leading edge in the region of an impeller inlet and a trailing edge, the front shroud has an arcuate inner face in the region of the impeller inlet, the arcuate inner face having a radius of curvature (R_s) in the range from 0.05 to 0.16 of the outer diameter of the impeller (D_2) The back shroud includes an inner main face and a nose having a curved profile with a nose apex in the region of the central axis which extends towards the front shroud, there being a curved transition region between the inner main face and the nose. F_r is the radius of curvature of the transition region and the ratio F_r/D_2 is from 0.32 to 0.65. Other ratios of various dimensions of the impeller are also described.

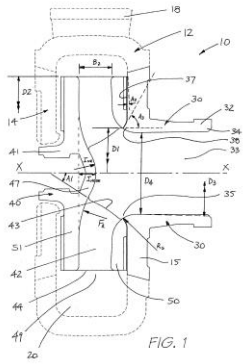


FIG. 1

21: 2018/06760. 22: 2018/10/11. 43: 2019/05/21
51: B60D
71: AL-KO International Pty Ltd
72: FUNDER, Robert, KENNEDY, Bryan
33: AU 31: 2017904102 32: 2017-10-11
54: A COUPLING
00: -

A coupling assembly 10 for coupling a driven vehicle to a towed vehicle. The coupling assembly 10 including a hitch pin 15 for connection to a driven vehicle the hitch pin having a head 16 at one end and a connection portion 17 at an opposite end. The hitch pin 15 further has a recess 18 between the head 16 and the connection portion 17. A coupling 11 is provided for connection to a towed vehicle, the coupling 11 including a body 20 having an interior space 70 for receipt of the head 16 and recess 18 of the hitch pin 15. A coupling 11 further has a first latch 40 mounted in the interior space 70 for movement between an unlatched position and a latched position whereby movement of the first latch 40 from the unlatched position to the latched position occurs automatically when the hitch pin 15 reaches a latching position within the interior space 70 and whereby in the latched position, the first latch 40 enters the recess 18 to restrain the hitch pin 15 from release from the interior space 70. A coupling 11 further has a second latch 30 mounted to the body and movable between an unlatched position and a latched position whereby movement of the second latch 30 from the unlatched position to the latched position occurs automatically when the first latch 40 moves to the latched position and whereby in the latched position, the second latch 30 restrains the first latch 40 from release from the latched position.

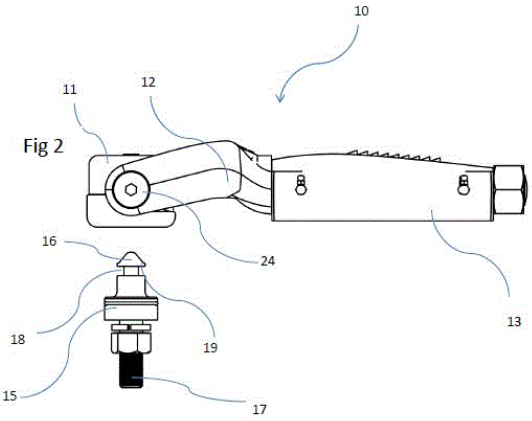


Fig 2

21: 2018/06762. 22: 2018/10/11. 43: 2019/05/22
51: E04G
71: WACO Africa (Pty) Ltd
72: BEST, David Nicholas
54: PONTOON SCAFFOLDING ARRANGEMENT AND RELATED METHOD OF ASSEMBLY
00: -

A pontoon scaffolding arrangement for use on a body of water, and a related method of assembly, are provided. The scaffolding arrangement comprises a floatable dock, typically comprising a plurality of flotation cubes that can be releasably fitted together to define the dock. Once the floatable dock has been formed, a load spreading arrangement, typically comprising a plurality of elongate bodies, is arranged on top of the floatable dock. The elongate bodies are spaced apart, on top

of the floatable dock, typically parallel to each other, and are also typically staggered relative to each other, to facilitate the spreading of the load to be supported. A plurality of scaffolding support members is then arranged on top of the load spreading arrangement. Once the components described above have been assembled and arranged, a scaffolding tower may be fitted on top of the scaffolding support members.

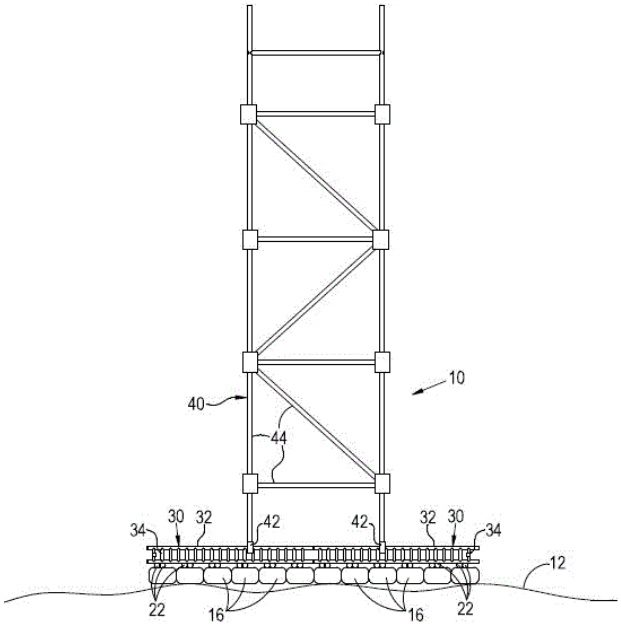


Fig. 2

21: 2018/06764. 22: 2018/10/11. 43: 2019/05/22
51: A24F; H02J
71: PHILIP MORRIS PRODUCTS S.A.
72: FERNANDO, Felix
33: EP 31: 16176942.7 32: 2016-06-29
54: AN ELECTRICALLY OPERATED AEROSOL-GENERATING SYSTEM WITH A RECHARGEABLE POWER SUPPLY
00: -
An electrically operated aerosol-generating system for receiving an aerosol-forming substrate comprises: one or more electric aerosol-generating elements(134); one or more hybrid capacitors (126) for supplying power to the one or more electric aerosol-generating elements; and a voltage source for supplying power to the one or more hybrid capacitors to charge the one or more hybrid capacitors.

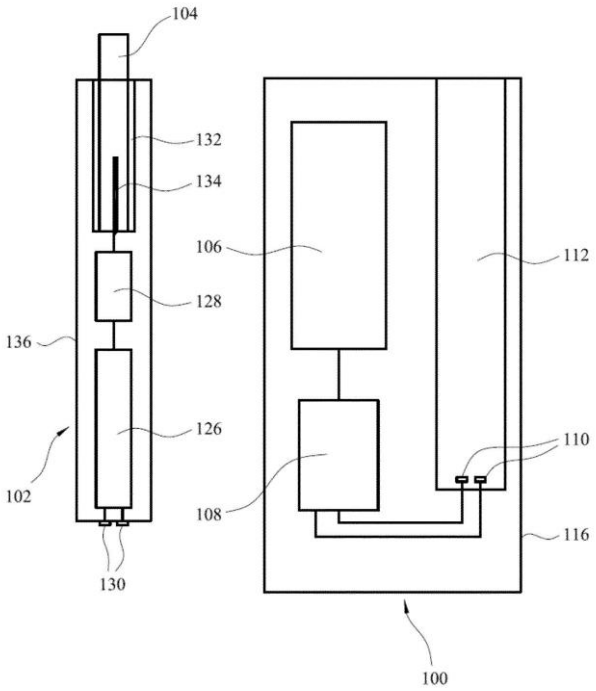


FIG. 1

21: 2018/06765. 22: 2018/10/11. 43: 2019/05/22
51: A24D; A24F; A61M
71: PHILIP MORRIS PRODUCTS S.A.
72: ZUBER, Gerard
33: EP 31: 16178327.9 32: 2016-07-07
54: NICOTINE INHALER SYSTEM
00: -
An inhaler system suitable for providing nicotine particles includes a mouthpiece portion removably coupled to a distal end portion. The mouthpiece portion includes a capsule cavity and a mouthpiece air channel extending from the mouthpiece end to the capsule cavity. The distal end portion includes a piercing element coupled to the distal end portion and a resealable membrane configured to seal the capsule cavity when the mouthpiece portion is coupled to the distal end portion. The resealable membrane is configured to reseal when the piercing element moves out of the resealable membrane.

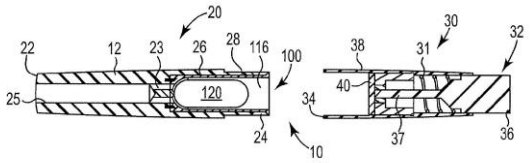
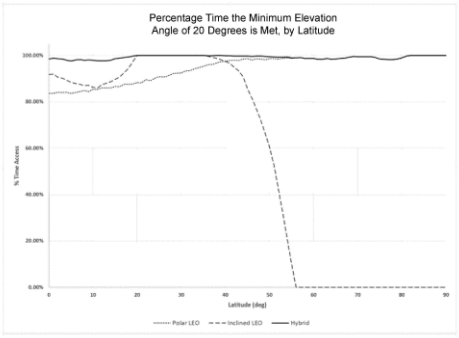


FIG. 2

21: 2018/06772. 22: 2018/10/11. 43: 2019/05/24
51: H04B; H04H; H04W
71: Telesat Canada
72: WENDLING, David
33: CA 31: 2,927,217 32: 2016-04-14
54: DUAL LEO SATELLITE SYSTEM AND METHOD FOR GLOBAL COVERAGE
00: -

The present invention relates to satellite systems and more particularly, to the provision of a satellite system and method for communications applications, with global coverage. An optimal method of providing global broadband connectivity has been discovered which uses two different LEO constellations with inter-satellite links among the satellites in each constellation, and inter- satellite links between the constellations. The first constellation is deployed in a polar LEO orbit with a preferred inclination of 99.5 degrees and a preferred altitude of 1000 km. The second constellation is deployed in an inclined LEO orbit with a preferred inclination of 37.4 degrees and a preferred altitude of 1250 km.

Figure 3



21: 2018/06790. 22: 2018/10/12. 43: 2019/05/22
51: G07F; G06Q
71: LUKHELE, Bongani
72: LUKHELE, Bongani
33: ZA 31: 2017/06894 32: 2017-10-12
54: UTILITIES TRANSFER
00: -

The invention relates to utilities transfers. In particular, the invention relates to a method of completing an electricity transfer. The method includes the first step of receiving from a first user electricity transfer information, the electricity transfer information including at least a quantity of electricity to be debited from an electricity account balance of the first user, a unique identifier of the first user and a unique identifier of a second user. There after the method provides for debiting an electricity account balance of the first user by the quantity of electricity and crediting the second user's electricity account balance with the number of electricity units debited from the first user's electricity account balance, the method thereby providing a means for completing an electricity transfer between consenting users.

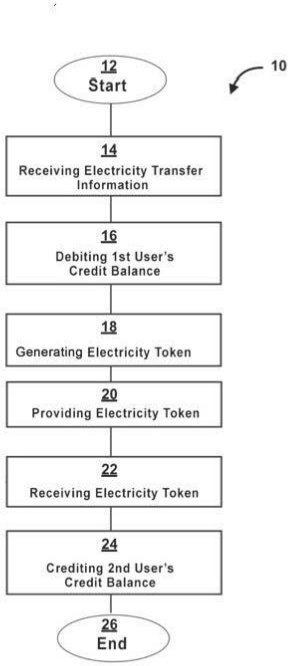


Fig 1

21: 2018/06796. 22: 2018/10/12. 43: 2019/05/21
51: C11D
71: EVONIK DEGUSSA GMBH
72: KUPPERT, Dirk, EGNER, Rudolf, LATTICH, Jürgen, HILDEBRAND, Jens
33: EP 31: 16161078.7 32: 2016-03-18
54: GRANULATE COMPRISING AN INORGANIC SOLID CARRIER WITH AT LEAST ONE BIOSURFACTANT CONTAINED THEREON
00: -

The invention relates to a granulate comprising an inorganic solid carrier with at least one biosurfactant contained thereon, as well as to formulations containing this granulate and to the use of same.

21: 2018/06800. 22: 2018/10/12. 43: 2019/05/22
51: A44B
71: Shah Technologies LLC
72: SHAH, Nirav Ashok
33: IN 31: 201621011697 32: 2016-04-01
54: METAL ONE PIECE LOCKING SLIDE AND PULL FOR SLIDE FASTENER
00: -
The invention involves a locking slide assembly for a zipper. The locking slider assembly is formed in a single die cast operation to include the locking slider (12) and the pull member (14) being formed simultaneously. At least one side shifting slide (46) is incorporated into the die, which allows the bridge (16) and pull loop (38) to be formed with their full geometric shape and without the converging flat surfaces.

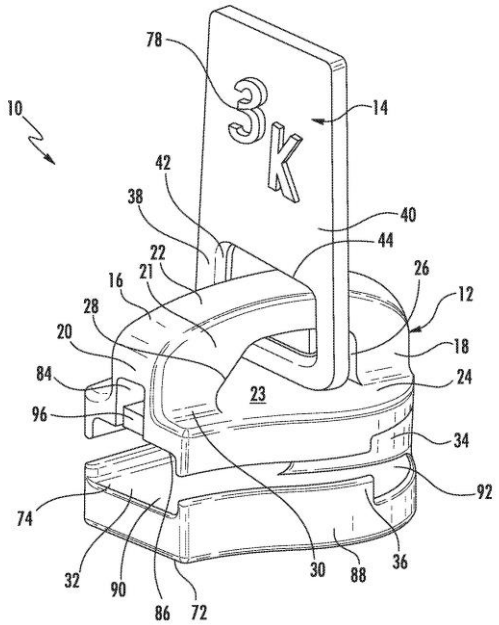


FIG. 1

21: 2018/06804. 22: 2018/10/12. 43: 2019/05/23
51: A01N; A01P; C07H; C12P
71: IMD Natural Solutions GmbH
72: HENKEL, Thomas, BITZER, Jens
33: EP(DE) 31: 16165029.6 32: 2016-04-13
54: FORMULATION SYSTEMS FOR ANTIMICROBIAL GLYCOLIPIDS
00: -
The invention relates to a composition comprising one or more antimicrobial glycolipids and one or more formulation stabilizers. The invention also relates to methods of preparing the compositions and their application in water containing food, beverage, cosmetic, home care and medical products.

21: 2018/06816. 22: 2016/04/22. 43: 2019/05/23
51: E04B
71: BEIJING NEW BUILDING MATERIALS PUBLIC LIMITED COMPANY
72: WU, FADE, XU, GANG, SUN, JIAMOZHI, ZHAO, HONGLING
33: CN 31: 201610247875.0 32: 2016-04-20
54: VIBRATION-DAMPING STRUCTURE FOR DROPPED CEILING SYSTEM
00: -
Provided is a vibration-damping structure (1) for a dropped ceiling system, comprising: a first frame member (11); at least one T-shaped connector (12); at least one first link rod (13); at least one second link rod (14); at least one spring (15); and at least one second frame member (16). The vibration-damping structure (1) for a dropped ceiling system can reduce negative influence of vibration on a dropped ceiling system, and enhance vibration resistance of the dropped ceiling system.

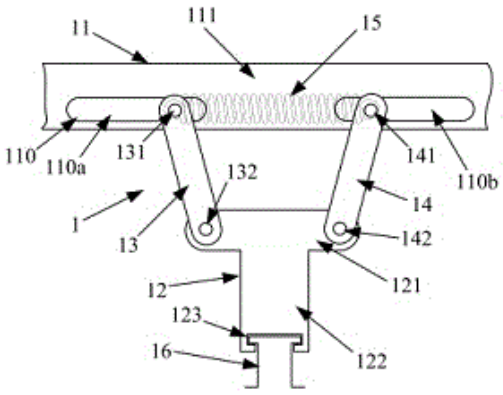


FIG. 1

21: 2018/06845. 22: 2018/10/15. 43: 2019/05/23
51: E01C
71: CATERPILLAR PAVING PRODUCTS INC.

72: MUIR, JASON WILLIAM, D'ASCANIO, VALERIO E, SANSONE, DARIO, SCHLENKER, BRIAN JOE, EIDEN, MARK LESLIE
33: US 31: 15/792,814 32: 2017-10-25
54: ROTARY MIXING SYSTEM
00: -
A rotary mixing system is provided. The system includes a construction machine. The machine includes a frame and a power source mounted on the frame. The machine also includes a milling tool rotatably mounted on the frame and configured to be selectively coupled to the power source. The machine further includes a foaming bar mounted on the frame in association with the milling tool. The system also includes an auxiliary vehicle configured to be coupled to the machine. The auxiliary vehicle includes a chassis and a plurality of wheels movably mounted to the chassis. The auxiliary vehicle includes a bitumen tank mounted on the chassis. The auxiliary vehicle also includes a heating element and a bitumen pump coupled to the bitumen tank. The auxiliary vehicle further includes a bitumen hose fluidly coupled to the bitumen pump and the foaming bar.

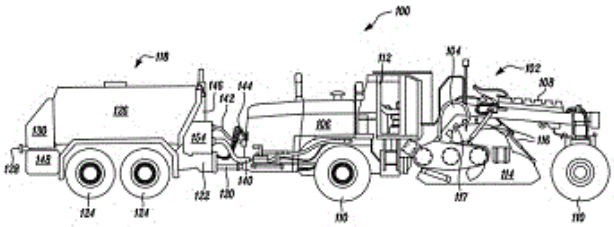


FIG. 1

21: 2018/06847. 22: 2018/10/15. 43: 2019/05/21
51: H02B
71: RITTAL GMBH & CO. KG
72: REUTER, Wolfgang
33: DE 31: 10 2016 111 702.1 32: 2016-06-27
54: PANEL HOLDER FOR FASTENING A PANEL TO A HOUSING FRAME OF A SWITCHGEAR CABINET, AND CORRESPONDING SWITCHGEAR CABINET
00: -
The invention relates to a panel holder (1) for fastening a panel (100) to a housing frame (200) of a switchgear cabinet (300), characterized in that the panel holder (1) is an open clip, which has two free push-in portions (2, 3), which can be braced against one another for engagement in a recess (201) of a housing frame (200), wherein the push-in portions (2, 3) are connected to one another by means of a fastening flange (5) for a panel (100), said flange having a threaded passage (4), in particular a threaded bore, and wherein the fastening flange (5) is arranged at a distance from one of the push-in portions (2, 3) and the threaded passage (4) is arranged in alignment with this push-in portion (2), such that a screw (400) screwed in through the threaded passage (4) impinges on the push-in portion (2) aligned with the threaded passage (4) and thus braces the push-in portions (2, 3) against one another. The invention further relates to a corresponding switchgear cabinet.

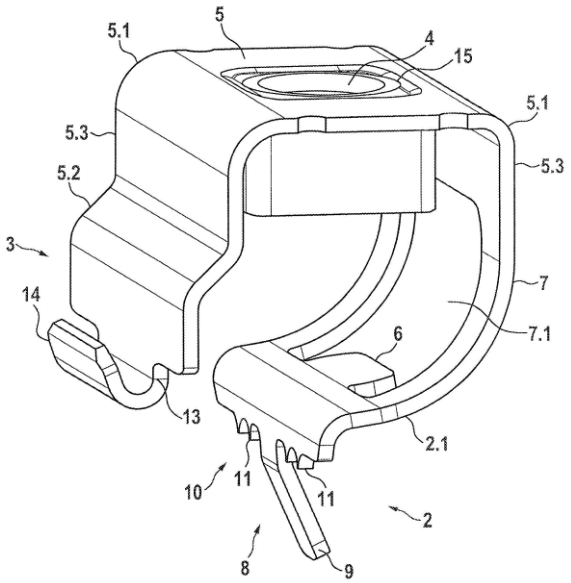


Fig. 6

21: 2018/06848. 22: 2018/10/15. 43: 2019/05/21
51: A24D; A24F; A61M
71: PHILIP MORRIS PRODUCTS S.A.
72: ZUBER, Gerard
33: EP 31: 16178336.0 32: 2016-07-07
54: NICOTINE PARTICLE DELIVERY CONSUMABLE
00: -
A nicotine particle delivery consumable article includes a receptacle having a body extending from a receptacle first end to an opposing receptacle second end and defining a cavity. A capsule is disposed within the cavity. The capsule contains

particles including nicotine. The receptacle includes a membrane sealing the receptacle first end and an air outlet extending through the receptacle second end and into the cavity. An air inlet, close to the receptacle first end, extends through a side wall of the body and into the cavity.

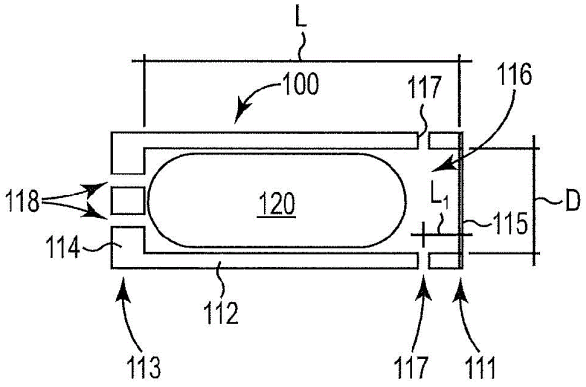


Fig. 3

21: 2018/06849. 22: 2018/10/15. 43: 2019/05/23
51: A61K; A61P
71: INTRABIO LIMITED
72: FACTOR, Mallory, STRUPP, Michael
33: GB 31: 1606834.8 32: 2016-04-19
54: ACETYL-LEUCINE OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF FOR IMPROVED MOBILITY AND COGNITIVE FUNCTION
00: -
The present disclosure is directed to acetyl-leucine or a pharmaceutically acceptable salt thereof for use in improving cognitive function, mobility, or cognitive function and mobility in a subject, for example, in an elderly subject.

21: 2018/06851. 22: 2018/10/15. 43: 2019/05/23
51: B63C
71: STELLENBOSCH UNIVERSITY
72: RUTZEN, Michael, ANDREOTTI, Sara, BECKER, Pierre, BARWELL, Laurie
33: ZA 31: 2016/02093 32: 2016-03-30
33: ZA 31: 2016/02094 32: 2016-03-30
33: ZA 31: 2016/02095 32: 2016-03-30
33: ZA 31: 2016/02096 32: 2016-03-30
33: ZA 31: 2016/02097 32: 2016-03-30
54: A SHARK BARRIER
00: -
A shark barrier that comprises an anchoring assembly having a pair of anchors (9) with a flexible connecting element (11) extending between the anchors. The shark barriers also includes multiple spaced apart buoyant resiliently flexible elongate members (15) that are secured at one end along a length of the connecting element of the anchoring assembly to operatively extend generally upwardly from the connecting element. The buoyant members comprise an elongate flexible spine (32) that extends through a series of tubular members (38).

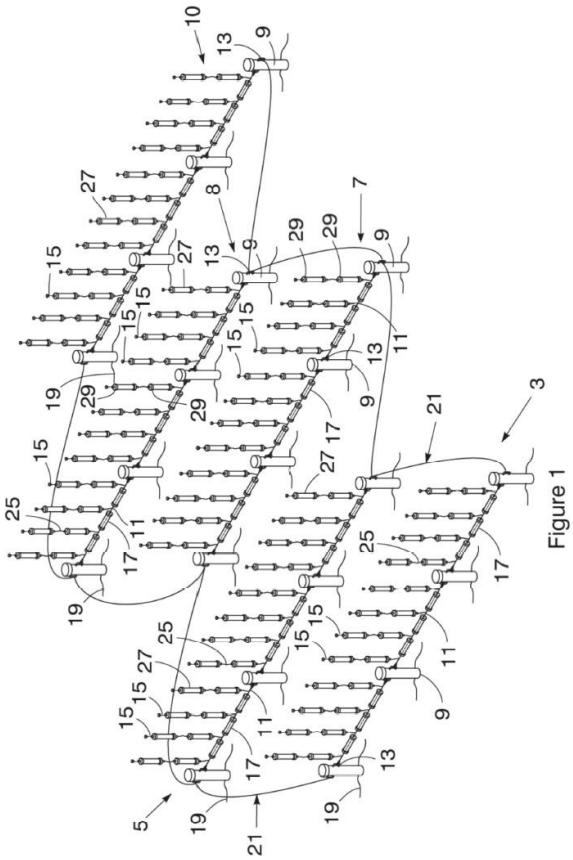
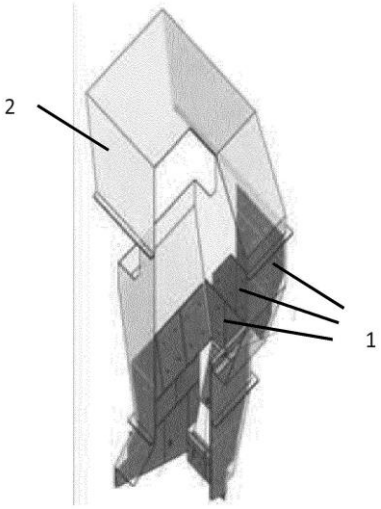


Figure 1

21: 2018/06856. 22: 2018/10/15. 43: 2019/05/23
51: B29D; B32B; F16G
71: Covestro Deutschland AG
72: STUMPF, Andreas, HÄTTIG, Jürgen, GOJSIC, Slaven, ALVAREZ , Antonio
33: EP(DE) 31: 16305495.0 32: 2016-04-28
54: ELASTOMER SANDWICH SYSTEMS AND METAL COMPOSITE ELEMENTS
00: -

The invention relates to: elastomer sandwich systems comprising at least two components, wherein one component (i) is a thermoplastic polyurethane that functions as a cover layer, and extensively adhered thereon, the second component (ii) is a solid cast polyurethane with a density of 800 to 1800 kg/m^3 that functions as a carrier layer, wherein at least one component of the elastomer sandwich system has a higher tear resistance according to ISO 34-1 of 30 kN/m to 85 kN/m and an abrasion loss according to ISO 4649 of 50 mm^3 to 5 mm^3, and at least both components have a recoil elasticity according to DIN 53512 of 35 % - 70 %; and a method for the production thereof. The invention also relates to metal composite elements comprising elastomer sandwich systems, a method for the production thereof and the use thereof as casing elements in the transport sector and the mining sector, in particular in hoppers and conveyor belts. Elastomer sandwich systems can also be used for the protection of loading areas of trucks.

Fig. 1



21: 2018/06859. 22: 2018/10/15. 43: 2019/05/23

51: A61M; E04H
71: HEMO PLUS Sàrl
72: GAUTHIER, Henri, TILATTI, Nicolas, COURTIADE, Philippe
33: CH 31: 00377/16 32: 2016-03-18

54: UNIT FOR PREPARING AT LEAST ONE SOLUTION OF CONCENTRATES FOR HAEMODIALYSIS AND METHOD FOR PREPARING SAID SOLUTION

00: -

The invention relates to a unit (10) for preparing at least one solution of concentrates for haemodialysis (CH), said solution being composed of water-soluble solid materials comprising at least sodium chloride (NaCl), potassium chloride (KCl), calcium chloride (CaCl2) and magnesium chloride (MgCl2). This unit is produced in a modular manner and comprises the following modules: - a sampling module (MPRE) for taking at least one sample of each of said starting materials to be dissolved in said volume of purified water, - a laboratory module (MLAB) arranged for analysing each of said samples of starting materials in order to verify the conformity and quality thereof, - a weighing module (MPES) for determining the amount by weight of said starting materials to be introduced into said predetermined volume of purified water, - a module for preparing (MPRE) the solution for introducing and dissolving said amount by weight of said starting materials in said predetermined volume of purified water, and - at least one module for conditioning (MCON) said obtained solution of concentrates for haemodialysis.

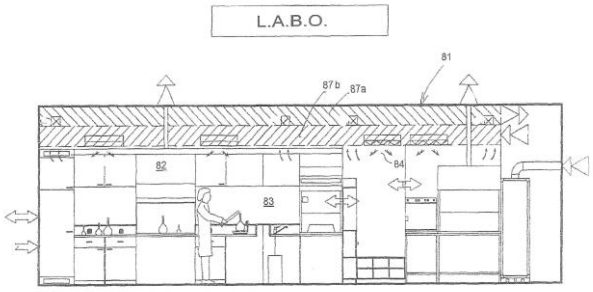


Fig. 7

21: 2018/06871. 22: 2018/10/15. 43: 2019/05/24
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: TANG, Hai

54: METHOD AND DEVICE FOR WIRELESS COMMUNICATION

00: -

The present invention relates to a method and device for wireless communication. The method comprises: receiving resource configuration information which is used for determining a plurality of resource units divided in the frequency and the time of a particular carrier, and type information of each resource unit, wherein the type information of each resource unit indicates that the resource unit is one of the following units: an uplink resource unit, a downlink resource unit, and a protected resource unit; and performing communication on the particular carrier on the basis of the resource configuration information. According to the communication method, an improved frame structure capable of adapting to the change in uplink and downlink data traffic more flexibly is provided, and therefore, the performance of the entire network is improved.

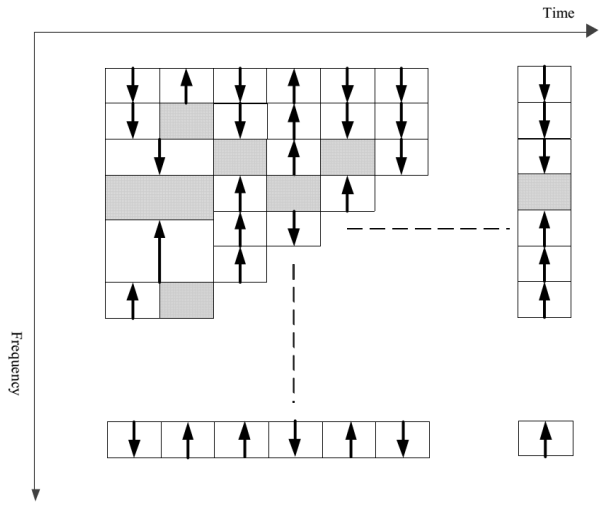


FIG. 2

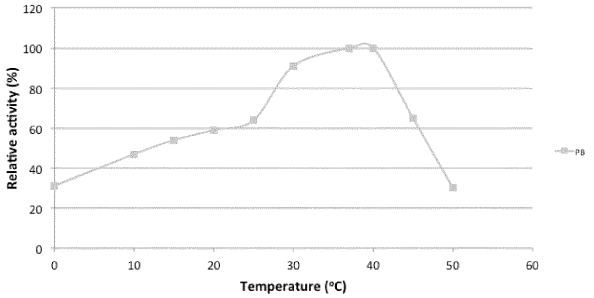
21: 2018/06872. 22: 2018/10/15. 43: 2019/06/24
51: C12N
71: UNIVERSITETET I TROMSØ - NORGES ARKTISKE UNIVERSITET
72: LARSEN, Atle Noralf, PIOTROWSKI, Yvonne, ASSEFA, Netsanet Gizaw, LANES, Olav
33: GB 31: 1604876.1 32: 2016-03-22

54: MARINE DNA POLYMERASES

00: -

The present invention relates to DNA polymerases. In particular, the present invention relates to DNA polymerases based on a DNA polymerase from a Psychrobacillus sp. The present invention provides an isolated DNA polymerase or an enzymatically active fragment thereof, said DNA polymerase comprising the amino acid sequence of SEQ ID NO:1 or comprising an amino acid sequence which is at least 70% identical to SEQ ID NO:1. The invention also provides nucleic acid molecules comprising a nucleotide sequence that encodes the DNA polymerase. The invention also provides a method of nucleotide polymerisation and a method of amplifying a nucleic acid in which the DNA polymerase or an enzymatically active fragment thereof is used.

Figure 5



21: 2018/06886. 22: 2018/10/16. 43: 2019/05/23
51: B01D; B60T; F04B; F15B
71: New York Air Brake, LLC
72: WRIGHT, Eric C.
33: US 31: 15/155,125 32: 2016-05-16

54: SMART HEATER CONTROL FOR AN AIR DRYER

00: -

An air dryer having a heater element associated with its valves to prevent freezing at cold temperatures. The air dryer includes a temperature sensor and an electronic controller that reads the temperature sensor during normal operations and selectively opens and closes certain of the valves when the temperature falls below a predetermined threshold to enter a safe mode that avoids freezing of the valves during operation. If an exhaust valve is open when safe mode is entered, the corresponding inlet valve is closed, both of the exhaust valves are closed, and the other inlet valve if opened. If an exhaust valve is not open, both inlet valves are opened and both exhaust valves are closed.

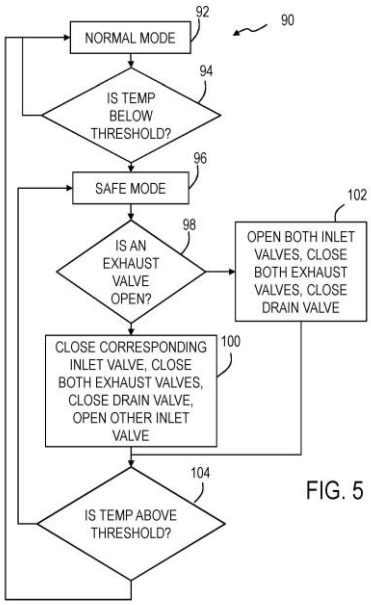
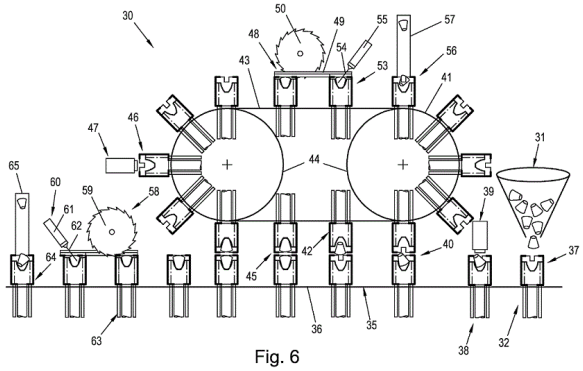
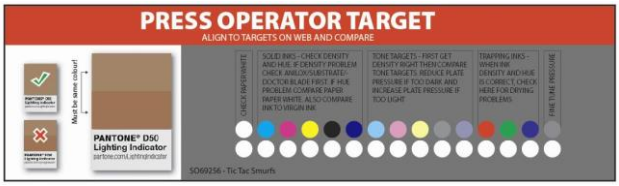


FIG. 5

21: 2018/06887. 22: 2018/10/16. 43: 2019/05/21
51: A01C G01N
71: AIT AUSTRIAN INSTITUTE OF TECHNOLOGY GMBH
72: REICHENBERGER, Günther, PFAFFENBICHLER, Nikolaus, MITTER, Birgit, RIESING, Johann, BRADER, Günter
33: EP 31: 16161625.5 32: 2016-03-22
54: SEED INJECTION
00: -
Method and apparatus for automatically preparing seeds with an additive to be deployed together with the seeds, wherein the seeds (6) are opened and a predefined amount of additive is introduced into the seeds (6) through the opening.


Fig. 6

21: 2018/06889. 22: 2018/10/16. 43: 2019/05/22
51: G01J
71: LIEFFERINK, HAUKE MARITZ
72: LIEFFERINK, HAUKE MARITZ
33: ZA 31: 2016/02710 32: 2016-04-20
54: PRESS OPERATOR TARGET, LMD STANDARD AND COLOUR PROOF ASSEMBLY
00: -
The invention provides a press operator target [10] for facilitating visual verification of colour accuracy in printed colour matter [14] against an ideal colour proof. The invention also includes so-called Light/Master/Dark ("LMD") standards [36] for visually accessing colour variation that is acceptable in a particular print design and to aid a press operator in decision making in order to achieve a better proof to print match. Finally the aforementioned items are assembled into a colour proof assembly [34], which includes the press operator target [10], as well as the LMD standards [36].



21: 2018/06897. 22: 2018/10/16. 43: 2019/05/22
51: B01D; C02F
71: CPPE Carbon Process & Plant Engineering S.A.
72: STRICKROTH, Alain
33: LU 31: 93 013 32: 2016-04-04
54: PROCESS FOR THE REMOVAL OF HEAVY METALS FROM FLUIDS
00: -
The present invention discloses a process for the removal of heavy metals and/or dioxins from a fluid comprising heavy metals, wherein the fluid is brought in contact with a mixture comprising between 30 %vol. and 60 %vol. of an activated carbon catalyst impregnated with sulfur, between 30 %vol. and 60 %vol. of an activated carbon catalyst impregnated with iron and between 5 %vol. and 40 %vol. of a filler material, the total of these three ingredients being 100%vol. The fluid is left in contact with the mixture, the heavy metals and/or dioxins are absorbed onto the mixture to obtain a fluid with a depleted level of heavy metals, which fluid is then evacuated from the mixture.

21: 2018/06949. 22: 2018/10/18. 43: 2019/05/13
51: A61K; A61L
71: PHILIP MORRIS PRODUCTS S.A.
72: VOLPE, Nicolo, ZUBER, Gerard

33: EP 31: 16177163.9 32: 2016-06-30
54: NICOTINE PARTICLES AND COMPOSITIONS
00: -
The composition is formed of a plurality of particles. These particles include nicotine, a sugar, and an amino acid or short peptide.

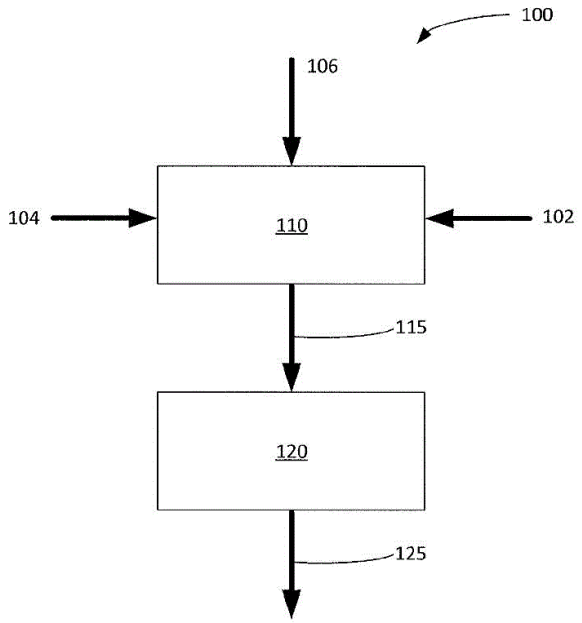


Fig. 1

21: 2018/06955. 22: 2018/10/18. 43: 2019/05/16
51: B01D; C01B
71: CPPE Carbon Process & Plant Engineering S.A.
72: STRICKROTH, Alain
33: LU 31: 93012 32: 2016-04-04
54: SULFUR DIOXIDE REMOVAL FROM WASTE GAS
00: -
The present invention concerns a process wherein a gas, containing SO_2 and O_2 is brought in contact with a mixture of from 95% vol. to 50% vol. of activated carbon catalyst and from 5% vol. to 50% vol. of an inert filler material; wherein the SO_2 is converted to H_2SO_4 on the activated carbon catalyst and is then washed from the activated carbon catalyst to obtain a H2SO4 solution.

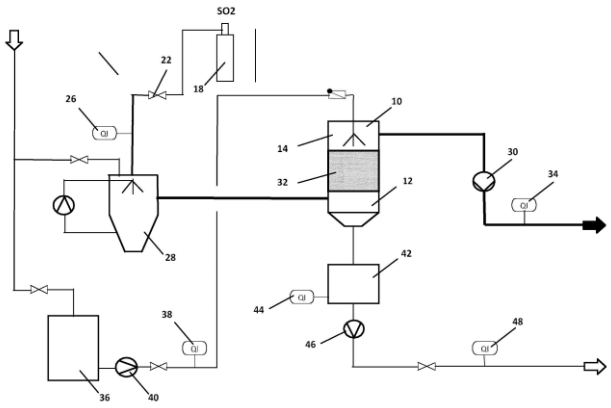


Fig. 1

21: 2018/07006. 22: 2018/10/19. 43: 2019/05/23
51: A61K; A61P; C07D
71: Ono Pharmaceutical Co., Ltd.
72: YASHIRO, Kentaro, KIJIMA, Hideomi, WAKAMATSU, Daisuke, SAITO, Tetsuji
33: JP 31: 2016-086239 32: 2016-04-22
54: CRYSTAL POLYMORPHISM OF KCNQ 2-5 CHANNEL ACTIVATOR
00: -
Crystal polymorphism may be present in a crystalline compound. In cases where there is crystal polymorphism, depending on the crystal form, solubility, dissolution rate, or stability against heat, light, humidity and the like are different. Accordingly, in the manufacturing of medicaments, selecting a crystal form of the drug substance most suitable for the indicated disease and dosage form is a very important task. The present invention is related to a novel crystal form (A crystal, W crystal, and hydrate crystal (H crystal)) of compound I having a strong opening action with respect to KCNQ 2-5 channels.

21: 2018/07018. 22: 2018/10/22. 43: 2019/06/11
51: G03B

71: ACTION DISTRIBUTION (PTY) LTD
72: EAGLE, Brett
54: AN UNDERWATER PHOTOGRAPHY ACCESSORY FOR MOBILE COMMUNICATION DEVICES
00: -
Aspects of the present application provide an underwater photography accessory for mobile communication devices. The accessory includes an enclosure secured to a lens arrangement. The enclosure defines a cavity configured to enclose a mobile communication device having a camera lens, and includes an aperture formed in a wall thereof and operatively providing optical communication between a camera lens receiving zone of the cavity and a lens of the lens arrangement. The cavity is dimensioned to accommodate a selected range of mobile communication device dimensions and the aperture is dimensioned such that the camera lens receiving zone operatively accommodates various camera lens positions therein. The cavity further accommodates an insert member configured to operatively hold a cooperating mobile communication device in a position in which a camera lens thereof locates within the camera receiving zone of the cavity.

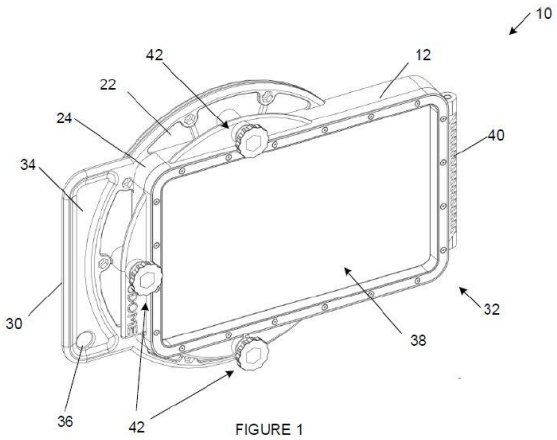


FIGURE 1

21: 2018/07047. 22: 2018/10/23. 43: 2019/05/24
51: A23B; A23L
71: MORINI, Angelo
72: MORINI, Angelo
33: US 31: 15/175,202 32: 2016-06-07
54: RECONSTITUTABLE AND WATER SOLUBLE CHIA PRODUCT AND RELATED METHOD OF MANUFACTURE
00: -
A method provides a reconstitutable and water soluble free flowing powder product that includes non-mucilaginous, non-oily free flowing chia grains having a size of between approximately 80 and 90 microns, a pH range of between 6.5 and 7.5, 3% average moisture, and a centipoise value of between approximately 1,000 and 1,500cp which revert to a sub-micron size when suspended within an aqueous solution.

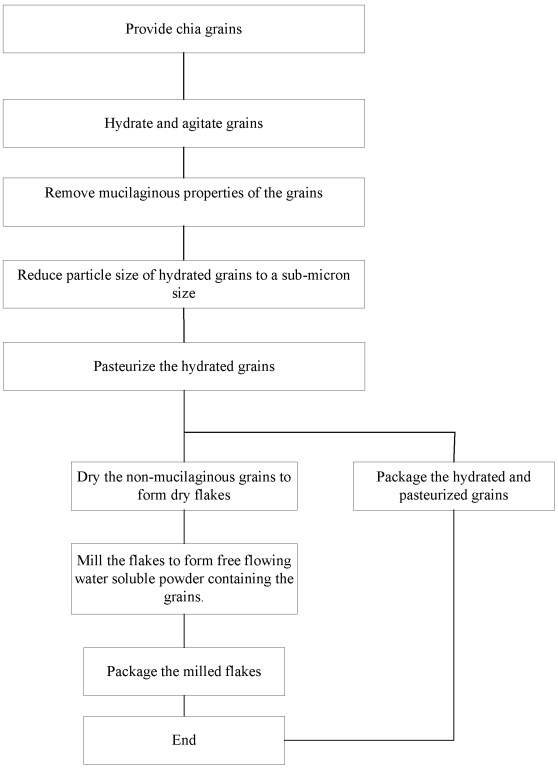


FIG. 1

21: 2018/07050. 22: 2018/10/23. 43: 2019/05/22
51: A61N; C07K
71: REGENERON PHARMACEUTICALS, INC.
72: LOWY, Israel, SKOKOS, Dimitris
33: US 31: 62/335,743 32: 2016-05-13
33: US 31: 62/348,546 32: 2016-06-10
33: US 31: 62/364,920 32: 2016-07-21
33: US 31: 62/350,305 32: 2016-06-15
33: US 31: 62/340,142 32: 2016-05-23
54: COMBINATION OF ANTI-PD-1 ANTIBODIES AND RADIATION TO TREAT CANCER
00: -
The present disclosure provides methods for treating, reducing the severity, or inhibiting the

growth of cancer (e.g., solid tumors). The methods of the present disclosure comprise administering to a subject in need thereof a therapeutically effective amount of a programmed death 1 (PD-1) antagonist (e.g., an anti-PD-1 antibody), optionally, in combination with radiation therapy. In certain embodiments, the methods comprise administering hypo-fractionated radiation in combination with an anti-PD-1 antibody or a fragment thereof to achieve a prolonged abscopal effect in tumor inhibition.

21: 2018/07053. 22: 2018/10/23. 43: 2019/05/22
51: C09K; D01F
71: QED LABS INC.
72: JOGIKALMATH, Gangadhar, VISENTIN, Adam, RAMAPPA, Deepak Arabagatte
33: US 31: 62/326,820 32: 2016-04-24
54: POLYMER COMPOSITIONS FOR FLAME RETARDANCY AND/OR IMPROVED MELT DRIPPING PROPERTIES
00: -
Compositions with improved flame properties and with improved melt dripping properties can include a first polymer and a reactive component. The first polymer may be nylon or polyethylene terephthalate (PET). The composition can be formed into fibers and woven into a fabric. Crosslinking of the first polymer or of the first polymer and the reactive component can provide the improved properties.

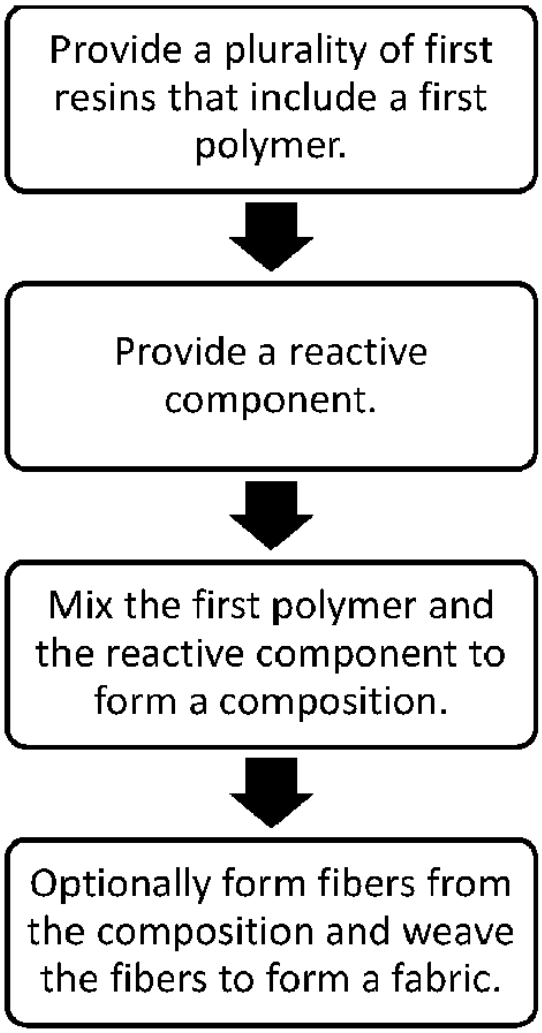
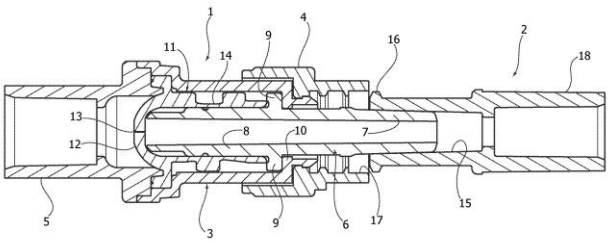


FIG. 1

21: 2018/07062. 22: 2018/10/23. 43: 2019/05/17
51: A61M
71: Industrie Borla S.p.A.
72: GUALA, Gianni
33: IT 31: 102016000051761 32: 2016-05-19
54: VALVED CONNECTOR FOR MEDICAL LINES
00: -
Valved connector for medical lines, particularly hemodialysis lines, comprising a male luer lock valved fitting (1), a female luer lock fitting (2) that can be engaged with the male luer lock fitting (1), and a rotatable ring nut (4) carried by the male luer lock fitting (1) and that can be screwed with the

female luer lock fitting (2). The arrangement is such that already before the rotatable ring nut (4) begins the screwing on the female luer lock fitting (2), the male luer lock valved fitting (1) is fully opened, and as soon as the ring nut (4) ceases the unscrewing from the female luer lock fitting (2), the male luer lock valved fitting (1) fully closes instantly.

FIG. 1



21: 2018/07078. 22: 2018/10/24. 43: 2019/05/20
51: F15B; F16K
71: MAC VALVES, INC.
72: JAMISON, MICHAEL, JANSSEN, ERIC P, WILLIAMS, KEVIN C
33: US 31: 62/576,257 32: 2017-10-24
33: US 31: 16/164,907 32: 2018-10-19
54: LATCHING PNEUMATIC CONTROL VALVE
00: -
A control valve having a valve body, seat member, valve member, and solenoid including a housing, bobbin, and coil. The valve member has a head portion disposed within the bobbin and a valve portion, disposed within the valve body, that has a seat engagement member operating to open and close ports in the valve body when the valve member slides between first and second positions. A permanent magnet, disposed within the bobbin, applies an attractive force of variable magnitude to the valve member in a direction opposing a biasing force created by a biasing component. Pulses of electric current applied to the coil change the variable magnitude. The permanent magnet pulls the valve member to the second position when the attractive force is greater than the biasing force and the valve member returns to the first position when the attractive force is less than the biasing force.

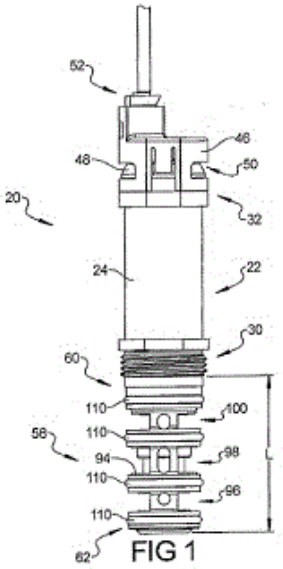
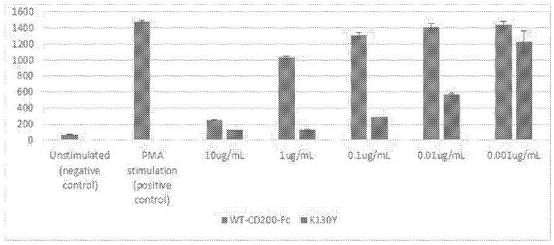


FIG 1

21: 2018/07079. 22: 2018/10/24. 43: 2019/05/22
51: A61K; C07K; C12N
71: DUCENTIS BIOTHERAPEUTICS LTD.
72: HUXLEY, Philip, SHERIDAN, Joseph, HEAL, Jonathan
33: GB 31: 1608197.8 32: 2016-05-10
54: CD200 MUTANT AND ITS USES
00: -
The invention relates generally to mutant CD200 proteins which bind with greater affinity to the CD200 receptor than wild-type CD200, in particular the invention relates to a mutated CD200 protein comprising a mutation at amino acid residue position 130 and/or 131. This invention also relates to a fusion protein comprising the protein as defined herein fused to a non-CD200 protein encoding portion via an optional linker portion, a pharmaceutical composition comprising the protein as defined herein and uses thereof.

FIGURE 6 **Dose response results comparing the inhibition of PMA stimulated oxidative burst in isolated human neutrophils by wild-type CD200-Fc and K130Y**



21: 2018/07080. 22: 2018/10/24. 43: 2019/05/21
51: A61K; A61L
71: PHILIP MORRIS PRODUCTS S.A.
72: VOLPE, Nicolo
33: EP 31: 16177156.3 32: 2016-06-30
54: NICOTINE PARTICLES
00: -
A method includes combining nicotine with a liquid carrier to form a liquid mixture and spray drying the liquid mixture to form a first plurality of particles. The first pluralities of particles are then milled to form a second plurality of particles.

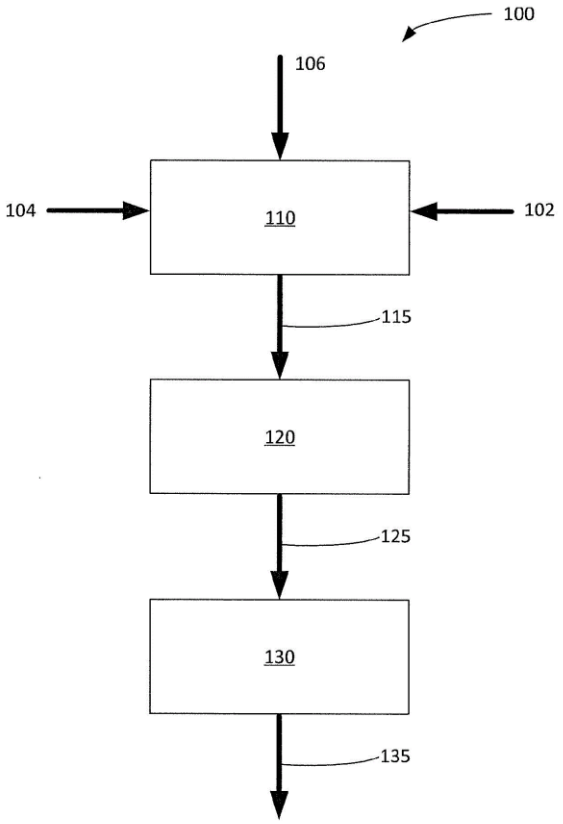


Fig. 1

21: 2018/07116. 22: 2018/10/25. 43: 2019/05/21
51: C07D; C07G
71: Jinan Shengquan Group Share Holding Co., Ltd.
72: JIANG, Chengzhen, GAO, Shaofeng, SHI, Feng
33: CN 31: 201711328316.3 32: 2017-12-13
54: METHOD FOR PRODUCING HIGH-ACTIVITY LIGNIN AND BY-PRODUCT OF FURFURAL AND APPLICATION THEREOF
00: -
The present invention provides a method for producing high-activity lignin and by-product of furfural and application thereof, which starts by using a pre-hydrolysis liquor of dissolving pulp and/or a sulfite cooking liquor as feedstock and carries out catalysis using an acid as a catalyst to obtain lignin and furfural; wherein the acid is any one selected from the group consisting of sulfuric acid, phosphoric acid, nitric acid, hydrochloric acid or acetic acid, or a mixture of at least two selected therefrom. The method employs a pre-hydrolysis liquor of dissolving pulp and/or a sulfite cooking liquor under the catalysis of an acid, so that the yields of furfural and lignin are further increased. In particular, the lignin has a high reactivity and low molecular weight; the ratio of 5-methylfurfural in furfural to furfural is within a suitable range, allowing the strength of furan resin prepared from the furfural to be further increased.

21: 2018/07131. 22: 2018/10/25. 43: 2019/05/20
51: A61B
71: Prometheus Delta Tech Limited
72: RUSSELL, Malcolm Quentin, REAL, Keith Joseph
33: EP(IE) 31: 16167438.7 32: 2016-04-28
54: AN INTRAOSSEOUS DEVICE
00: -
An intraosseous device comprises a stylet (1) with a pointed end (103) for penetrating bone and a cannula (3) through which the stylet extends. The stylet (1) has a bent portion (10) which is engaged in a receiver (11) in a handle cover (7). The cannula (3) has an outwardly extending flare (20) which is engaged in a corresponding seat (21) in a hub (6). The handle and the hub have formations (41, 42) which interlock with one another when the tip (103) of the stylet (1) is aligned with the tip of the cannula (3). The interlock formations (41, 42) further assist torque transmission. The configuration ensures that the maximum manual torque can be applied to penetrate bone whilst ensuring that the stylet (1) and cannula (3) are aligned for maximum cutting efficiency and remain fixed to the handle (7) and the hub (6) respectively.

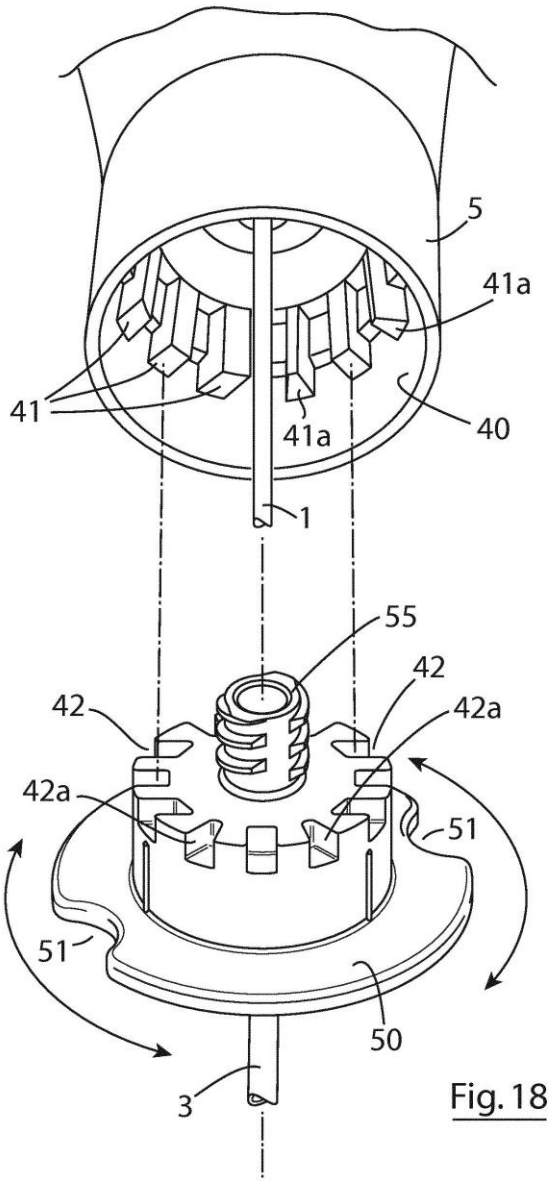


Fig. 18

21: 2018/07135. 22: 2018/10/25. 43: 2019/05/21
51: G01N; G02B; G06T
71: Voxelight, LLC
72: COHEN, David S., MEYER, Jonathan, WAGNER, Wolfgang, TRAN, Connie, MEYER, Andrew
33: US 31: 62/328,488 32: 2016-04-27
54: IMAGING DEVICE FOR ASSESSING SUNSCREEN COVERAGE
00: -
A device for assessing sunscreen coverage on a person includes a casing a lens assembly extending from about a front facing surface of the casing and allowing transmissivity to light energy in a wavelength range of about 300 to about 400 nm. A filter is in optical communication with the lens assembly and having a high optical density above about 390 nm and a low optical density below about 390 nm. A sensor is in optical communication with the filter, the sensor having a signal/noise ratio that is greater than about 36 db. A controller is configured for receiving input from a user to control the device. A display screen may be in communication with a controller for displaying an image associated with the filtered light.

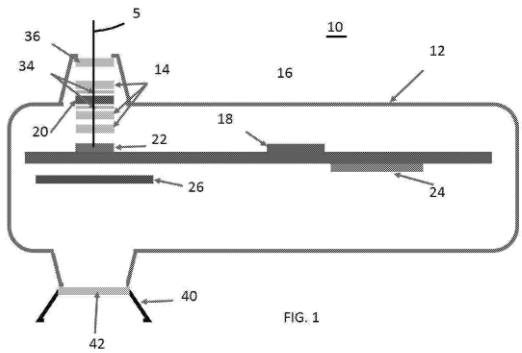
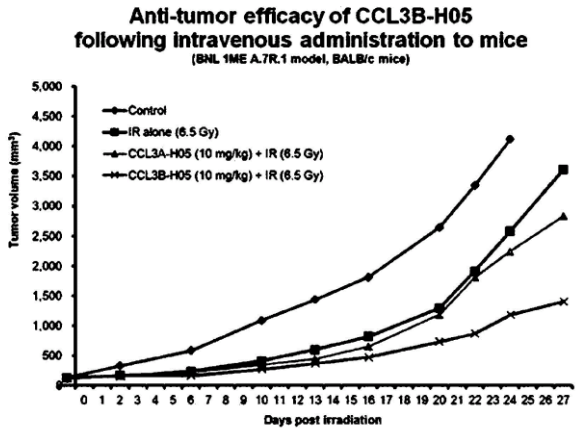


FIG. 1

21: 2018/07140. 22: 2018/10/25. 43: 2019/05/21
51: A61K; C07K
71: Yuhan Corporation
72: NAM, Su Youn, KIM, Jong Gyun, CHOI, Byung Hyun, LEE, June Hyung, PARK, Ju Young, LEE, Jun Kyung, LEE, Na Rae, KIM, Ki Hong, KIM, Seul Gi, OH, Se Woong, SHIN, Seung Yub, KANG, Ho Woong, AHN, Su Jin, CHUNG, Soo Yong
33: KR 31: 10-2016-0053018 32: 2016-04-29
54: FUSION PROTEIN COMPRISING CCL3 VARIANT AND USE THEREOF CROSS-REFERENCE TO RELATED APPLICATIONS
00: -

Provided are a fusion protein having a CCL3 variant with improved *in vivo* persistency, protein stability and pharmacological activity and a use thereof, more particularly, a fusion protein comprising a CCL3 variant and an immunoglobulin Fc region and a use thereof as a therapeutic agent for lymphopenia, cancer or infection, in which an N-terminal amino acid of a wild-type CCL3α or CCL3β is deleted and an amino acid at a specific position is substituted with a different amino acid at the same position of the wild-type CCL3α or CCL3β in the CCL3 variant.



21: 2018/07154. 22: 2018/10/26. 43: 2019/05/21
51: G06Q
71: DISCOVERY LIMITED
72: FRIEDLANDER, GARETH, KALLNER, HYLTON
54: A SYSTEM AND METHOD FOR MANAGING AN INSURANCE PLAN
00: -
A computer implemented system for operating an insurance plan includes a non-transitory data-storage device. A communications module is used for receiving data and storing the received data in the data-storage device. The data includes information relating to the financial compliance of the individual in a financial management programme. The data also includes information relating to a category of a credit card issued to the member. The data also includes information relating to an amount of expenditure of a member using the credit card issued to the member. A processor operably coupled to the non-transitory data-storage device and communications module is programmed to access the stored data and process the data to calculate a premium discount on a life insurance policy, wherein the premium discount is based the category of the credit or debit card, the amount of spend on the credit or debit card and on the compliance with the financial management programme.

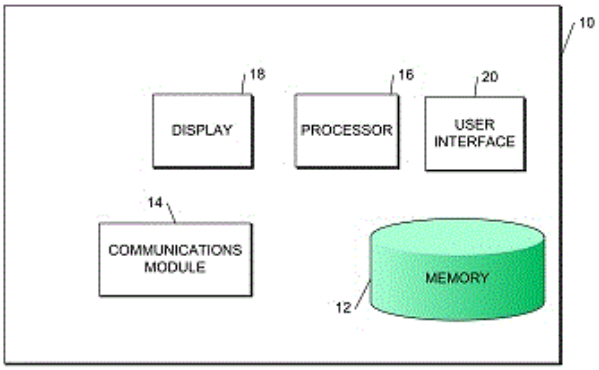


FIGURE 1

21: 2018/07173. 22: 2018/10/26. 43: 2019/05/22
51: H01H; H02B
71: Eaton Intelligent Power Limited
72: STEVELINK, Frans, JIN, Bitao, LI, Zheng
54: PANEL FOR ACCOMMODATING A DRAW-OUT DEVICE
00: -
A panel (2) for accommodating a draw-out device such as a vacuum circuit breaker (3) and a combination of them are provided. The panel (2) comprises: a housing (4) with an access opening (5) for accommodating a draw-out device and with primary plugs and secondary plugs (11) for the draw-out device to connect to; a traveling system arranged in the housing (4) for positioning the draw-out device within the housing (4) in a connected position, a service position and a disconnected position; a door (6) arranged to the housing (4) movable between a closed position for closing the access opening (5) of the housing (4) and an open position for providing access to the housing (4); primary blocking means for blocking the movement of the traveling system from the disconnected position to the service position with the door (6) in the open position or between the open position and the closed position; and secondary blocking means for blocking the door (6) to move into the closed position with the draw-out device being disconnected from the secondary plugs (11).

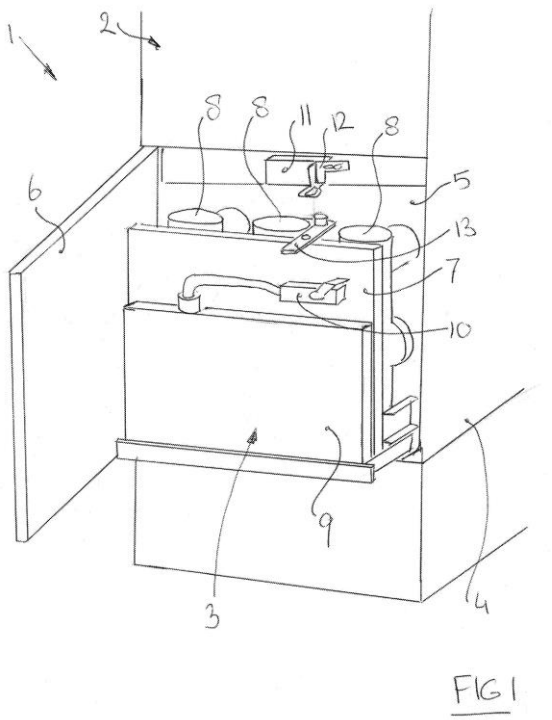


FIG 1

21: 2018/07180. 22: 2018/10/26. 43: 2019/05/21
51: B09B
71: South China University of Technology
72: LIN, Zhang, LIU, Weizhen, LIU, Xueming, RONG, Wencong
33: CN 31: 201610502468.X 32: 2016-06-30
54: TREATMENT METHOD FOR RESOURCE RECYCLING OF HEXAVALENT CHROMIUM-CONTAINING RESIDUES
00: -
A treatment method for resource recycling of hexavalent chromium-containing residues, relating to the field of chromium residue cleaning and resource recycling. The method comprises the specific steps of: 1) adding water to hexavalent chromium-containing residues and mixing well; 2) adding a mineralizer to the solution obtained in step 1) and stirring well to obtain a mixed solution, the mineralizer being sodium chlorate, sodium perchlorate, and hydrochloric acid; 3) treating the mixed solution be means of a hydrothermal method or by heating directly; 4) after the heating treatment, naturally cooling the solid-liquid mixture to room temperature and leaving standing; 5) separating solid residues from chromium-containing supernatants, washing the filter residues with water and then drying; and 6) recycling the chromium-containing solution and returning same to a section or carrying out a chromium recycling treatment. The method is simple in process, low in cost, efficient, great in handling capacity, and thorough in detoxification. Full residue utilization can be implemented, and high social benefits and economic benefits can be achieved.

21: 2018/07190. 22: 2018/10/26. 43: 2019/05/23
51: F41H
71: CSIR
72: Olivier, Marius, Mostert, Frederik Johannes
33: ZA 31: 2016/02881 32: 2016-04-28
54: THREAT DETECTION METHOD AND SYSTEM
00: -
This invention related to a method of and system for detecting a threat, particularly a threat to a vehicle associated with an explosive blast and/or detonations. The method typically comprises receiving electromagnetic signals, or data indicative thereof, via a suitable electromagnetic detector arrangement from a target area adjacent the vehicle, as well as receiving optical signals, or data indicative thereof, via a suitable optical sensor arrangement also from a target area adjacent the vehicle. The method then comprises generating a threat detect output in response to receiving an optical signal indicative of a threat subsequent to receiving an electromagnetic signal indicative of a threat. The system typically implements the method as described. The invention also extends to a vehicle comprising a system in accordance with the invention.

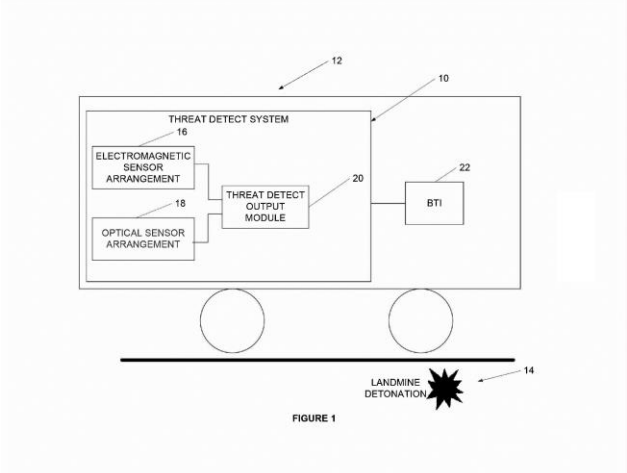


FIGURE 1

21: 2018/07205. 22: 2018/10/29. 43: 2019/05/24
51: C08L
71: BOREALIS AG

72: LUMMERSTORFER, Thomas, JERABEK, Michael, SOBCZAK, Lukas, HAIDER, Andreas
33: EP 31: 16176871.8 32: 2016-06-29
54: FIBER REINFORCED POLYPROPYLENE COMPOSITE
00: -
The present invention relates to a new composite comprising cellulose-based fiber and polymer-based fiber as well as to molded articles made from said composite.

21: 2018/07208. 22: 2018/10/29. 43: 2019/05/24
51: A61K
71: SARUDBHAVA FORMULATIONS PRIVATE LIMITED
72: SREEDHARALA, Venkata Nookaraju
33: IN 31: 201641011015 32: 2016-03-30
54: APREMILAST PHARMACEUTICAL COMPOSITIONS
00: -
The present invention relates to topical pharmaceutical compositions of apremilast used for the treatment of psoriasis and/or psoriatic arthritis. It further relates to processes of preparation of the compositions and the method of use for these compositions.

21: 2018/07234. 22: 2018/10/30. 43: 2019/05/24
51: A01B; B62D; B66C
71: VISAGIE, Andrie Diederich
72: VISAGIE, Andrie Diederich
33: ZA 31: 2017/07348 32: 2017-10-30
54: DOLLY
00: -
A dolly for hitching an implement to a vehicle is provided. The dolly comprises a dolly frame having a first elongate, horizontal support member and a second laterally spaced apart, elongate horizontal support member; and a swing arm arrangement connected to the first elongate support member and extending towards the second horizontal member. The swing arm arrangement connects an axle arrangement to the first support member, the swing arm arrangement being moveable concurrently with the axle arrangement between a rest position wherein the dolly frame is at a rest, lowered height position with respect to the ground, and an extended position wherein the dolly frame is lifted away from the ground and is at an elevated height position relative to the rest height position.

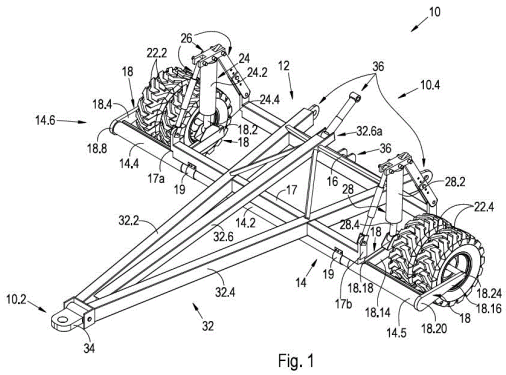


Fig. 1

21: 2018/07236. 22: 2018/10/30. 43: 2019/05/21
51: B28D
71: CATERPILLAR PAVING PRODUCTS INC.
72: MAGEE, KEVIN JAMES, PERSANO, MARIO, SANSONE, DARIO
33: US 31: 15/810,402 32: 2017-11-13
54: RECLAIMING DRUM HAVING INTERCHANGEABLE RECTANGULAR AND V-SHAPED PADDLES
00: -
A paddle (262, 362) for a reclaiming drum (16) may include a block of material configured for attachment to a leading edge (254) of a flighting (234) supporting a cutting bit (248) on the reclaiming drum (16), and the block of material may assist in breaking up and mixing material removed from a surface (20) by the cutting bit (248) as the reclaiming drum (16) is rotated and moved into the surface (20). The paddle (262, 362) may include two ear portions (270, 370) protruding from opposite sides of a flat, centrally-located, aft-facing surface (271, 371) of the block of material, each of the ear portions (270, 370) including an inwardly-facing chamfered surface (272, 372) configured to interface with an outwardly-facing, leading edge chamfered surface (236) of the flighting (234) such that a gap (420) is maintained between a flat leading edge surface (254) of the flighting located in between the outwardly-facing chamfered surfaces (236) and the flat, centrally-located, aft-facing surface (271, 371) of the block of material when the block of material is attached to the flighting (234).

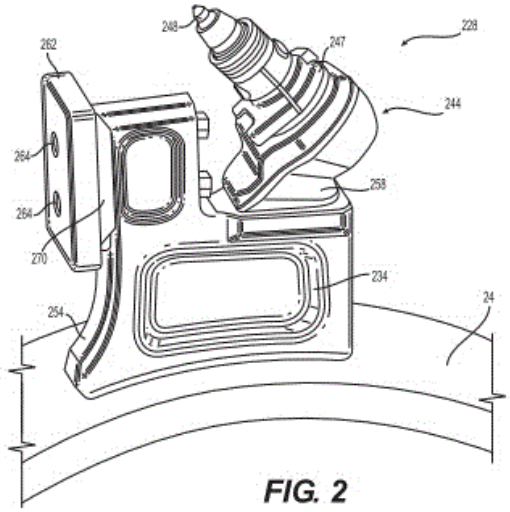


FIG. 2

21: 2018/07239. 22: 2018/10/30. 43: 2019/05/24
51: A01N; C07D
71: CAC Nantong Chemical Co., LTD
72: YANG, Binglian, WANG, Haishui, XIE, Simian, TIAN, Xiaohong, XU, Jiwang
33: CN 31: 201711049391.6 32: 2017-10-31
54: METHOD FOR PREPARING AZOXYSTROBIN
00: -
The present invention provides a process for preparing azoxystrobin, which is performed by reacting 2-cyanophenol or a salt thereof with a compound represented by formula I under the catalysis of a trimethylamine catalyst to obtain the azoxystrobin represented by formula II, which allows the yield of the product azoxystrobin to reach 98% or more, the yield of separated product to reach 95% or more and the post-processing to be simple. The trimethylamine catalyst can be recycled and reused in synthesizing the target product azoxystrobin, which not only reduces the cost but also reduces the total nitrogen and COD in wastewater. The advantages regarding of cost and environmental protection of the method according to the present invention are significant and thus the method is suitable for industrial production.

21: 2018/07240. 22: 2018/10/30. 43: 2019/05/24
51: A01N; C07D
71: CAC Nantong Chemical Co., LTD
72: WANG, Haishui, YANG, Binglian, XIE, Simian, TIAN, Xiaohong, XU, Jiwang
33: CN 31: 201711049390.1 32: 2017-10-31
54: METHOD FOR PREPARING AZOXYSTROBIN INTERMEDIATES
00: -
The present invention provides a method for preparing azoxystrobin intermediates, comprising reacting compound A and dichloropyrimidine in the presence of a trimethylamine catalyst with the addition of a sodium methoxide solution in methanol or the addition of sodium methoxide and methanol separately to produce a mixture of compound B and compound C. Azoxystrobin intermediate compound B and compound C are synthesized from compound A in the present invention, which is catalyzed by using a trimethylamine catalyst, allowing the reaction to have high efficiency and high yield. In addition, the trimethylamine catalyst has a low boiling point and thus can be easily recycled so that the ammoniacal nitrogen content in wastewater can be reduced, and the difficulties and high costs for wastewater processing can be also reduced. The recycled trimethylamine catalyst can be reused in preparing intermediate compound B, which also has a high catalytic effect and can also achieve a high product yield. The method of the present invention has significant synthetical cost advantages and is suitable for industrial production.

21: 2018/07241. 22: 2018/10/30. 43: 2019/05/24
51: C10G
71: Indian Oil Corporation Limited
72: DAS, Satyen Kumar, PRASAD, Terapalli Hari Venkata Devi, PRADEEP, Ponoly Ramachandran, KOTTAKUNA, Arjun Kumar, BHATTACHARYYA, Debasis, MAZUMDAR, Sanjiv Kumar, RAMAKUMAR, Sankara Sri Venkata
33: IN 31: 201721045561 32: 2017-12-19
54: TWO STAGE THERMAL CRACKING PROCESS WITH MULTISTAGE SEPARATION SYSTEM
00: -
The present invention relates to Delayed Coking of heavy petroleum residue producing petroleum coke and lighter hydrocarbon products. The invented process utilizes a pre-cracking reactor for mild thermal cracking of the feedstock and intermediate multistage separation system before being subjected to higher severity thermal cracking in delayed coking process, resulting in reduction in overall coke yield.

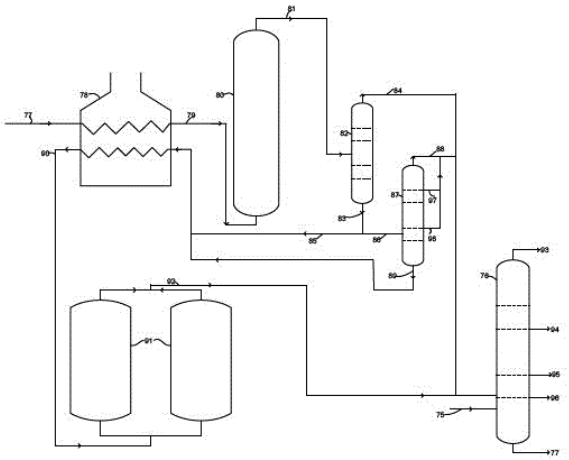


Fig. 1: Schematic of process of present invention

21: 2018/07242. 22: 2018/10/30. 43: 2019/05/24
51: B01J; C07C
71: Indian Oil Corporation Limited
72: DOOSA, Hima Bindu, THAKUR, Ram Mohan, NATH, Vineeth Venu, GUPTA, Kamlesh, BHATTACHARYYA, Debasis, MAZUMDAR, Sanjiv Kumar, RAMAKUMAR, Sankara Sri Venkata
33: IN 31: 201721046122 32: 2017-12-21
54: AN INTEGRATED FLUID CATALYTIC CRACKING AND OXIDATIVE PROPANE DEHYDROGENATION PROCESS
00: -

The present invention is related to an integrated process for enhancing the yields of propylene and other light olefins from Fluid catalytic cracking (FCC) process in combination with Oxidative propane dehydrogenation (OPDH) where in a hydrocarbon stream from Propylene recovery section consisting of propane predominantly, is converted to high value light olefins primarily C_3 and C_2 olefins by catalytic oxidative dehydrogenation using carbon dioxide from FCC flue gas exiting the regenerator. Several process configurations for the conversion of C_3 and C_4 alkanes to their respective alkenes separately or simultaneously by integrating with FCC are provided.

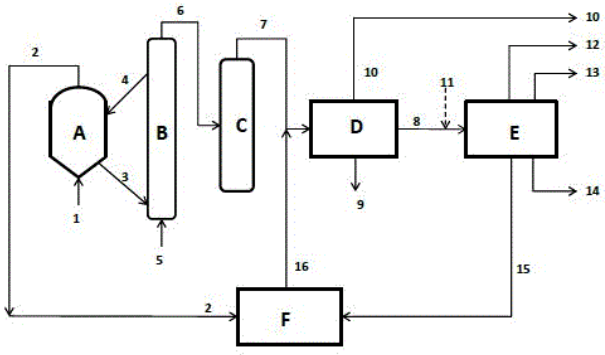
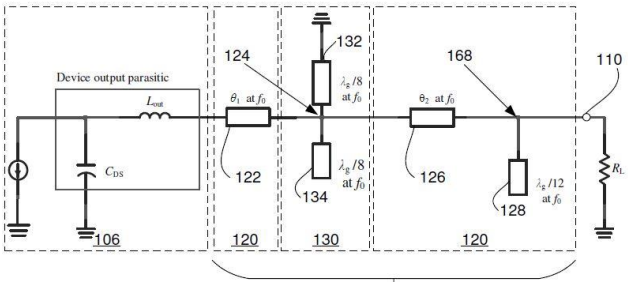


FIG. 1

21: 2018/07259. 22: 2018/10/30. 43: 2019/05/28
51: H01P; H03F
71: CAPE PENINSULA UNIVERSITY OF TECHNOLOGY
72: MOISE, Safari Mugisho, WHAITS, Clive
33: ZA 31: 2016/02559 32: 2016-04-15
54: INVERSE CLASS-F POWER AMPLIFIER
00: -

A power amplifier is provided having an input for receiving a signal to be amplified that is associated with a fundamental frequency. An amplifier circuit of the power amplifier includes an active device for amplifying the input signal and an output for providing the amplified signal to a load. A load network is electrically interposed between the amplifier circuit and the output and includes fundamental frequency matching circuitry which presents an optimal resistance at the fundamental frequency. The load network further includes a parallel transmission line arrangement having, at the fundamental frequency, a one-eighth wavelength short-circuited stub and a one-eighth wavelength open-circuit stub. The fundamental frequency matching circuitry and the parallel transmission line arrangement cooperate such that the load network operatively presents an optimal resistance at the fundamental frequency, an open-circuit at a second harmonic frequency and a short-circuit at a third harmonic frequency.



21: 2018/07271. 22: 2018/10/30. 43: 2019/05/24
51: B29C; B65D
71: Obrist Closures Switzerland GmbH
72: THORNE, Nicholas, NABETH, Bruno, VERITE, Sylvain
33: GB 31: 1606842.1 32: 2016-04-20
54: A CLOSURE WITH FOAMED REGION AND METHOD OF FORMING SAID CLOSURE
00: -

A closure (750) is provided and comprises a top plate (755) and a sidewall (760) depending from the periphery of the top plate. The closure includes a sealing member (765) which depends from the top

plate within the sidewall. The top plate includes a foamed region which is restricted to being within a boundary defined by the sealing member; the sealing member being substantially unfoamed.

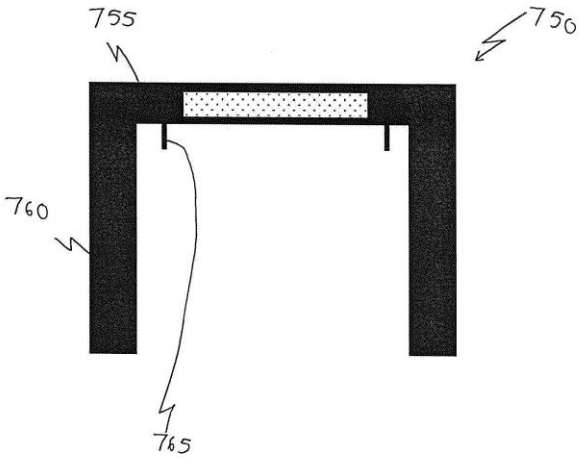


Figure 10

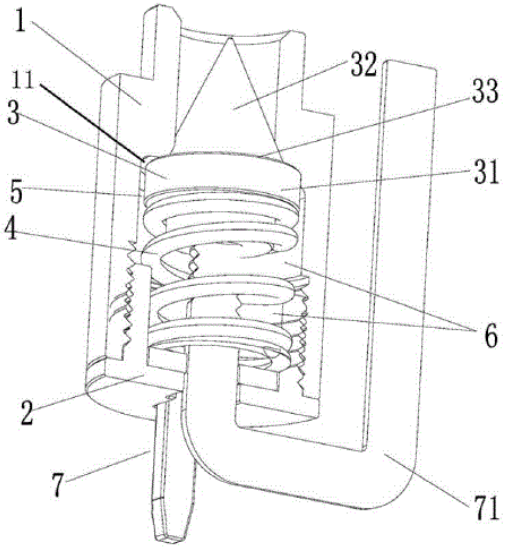


FIG. 1

21: 2018/07284. 22: 2018/10/31. 43: 2019/05/24
51: F16L; H01R; H02G
71: ZHONGSHAN WOSIGN ELECTRICAL TECHNOLOGY CO. LTD.
72: WANG, Desheng , LIU, Ailan

54: SELF-LOCKING TERMINAL FOR ELECTRICAL CONNECTION

00: -

A self-locking terminal for electrical connection, including a wiring base having a hole; a guide cone; a rear base; a spring; and an unlocking mechanism. The wiring base is axially connected to the rear base. The wiring base is in threaded connection to the rear base or is integrated with the rear base. The guide cone includes a bearing part and a conic part, and a first step is disposed between the bearing part and the conic part. A gap is provided between the wiring base and the guide cone. One end of the spring abuts against the rear base, and the other end abuts against the bearing part of the guide cone. The gap includes a radial clearance between the wiring base and the bearing part of the guide cone and an axial clearance between the first step and the second step.

21: 2018/07290. 22: 2018/10/31. 43: 2019/05/24
51: H04L
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: TANG, Hai

54: SIGNAL TRANSMISSION METHOD, NETWORK DEVICE, AND TERMINAL DEVICE

00: -

Disclosed in the present invention are a signal transmission method, a network device, and a terminal device. The method comprises: determining a time-frequency resource position of a downlink signal, the downlink signal comprising at least one of a synchronization signal, a broadcast signal, a common control channel signal, a common reference signal and a measurement reference signal, the time-frequency resource position of the downlink signal being on multiple frequency channel numbers of a carrier in a preset time, and the multiple frequency channel numbers being part of frequency channel numbers in a bandwidth of the carrier; and sending the downlink signal according to the time-frequency resource position of the downlink signal. The signal transmission method, the network device and the terminal device in embodiments of

the present invention can improve the communication efficiency of the terminal device.

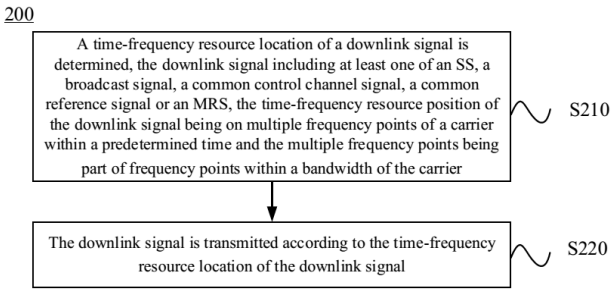


FIG. 2

21: 2018/07327. 22: 2018/11/01. 43: 2019/05/22
51: G06F
71: LEXISNEXIS, A DIVISION OF REED ELSEVIER INC.
72: MILLER, Richard, D., MYERS, Jacob, Aaron, FRASCONE, Todd, J., MEHRA, Gaurav, HAINES, Ronald, C., WITTMER, Philip, LI, Yangguang
33: US 31: 15/266,573 32: 2016-09-15
33: US 31: 15/092,999 32: 2016-04-07
54: SYSTEMS AND METHODS FOR PROVIDING A VISUALIZABLE RESULTS LIST
00: -
Systems and methods for displaying a visualizable results list in response to an electronic search request are disclosed. A method includes accessing metadata for each of a plurality of search results that result from a search query, annotating one or more locations in each search result with first and second indicators for each of one or more grouped search terms in first and second units based on the metadata, and displaying a visualizable results list that includes the plurality of search results and a corresponding hit pattern for each search result. The hit pattern includes the first indicator and the second indicator.

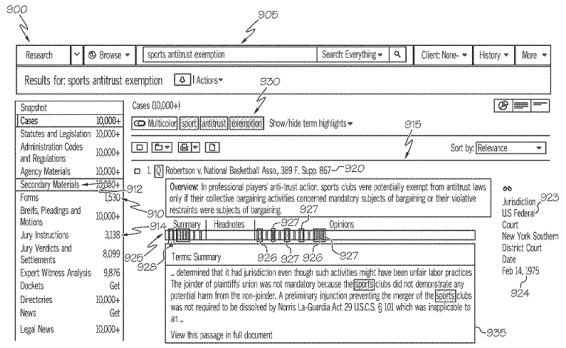
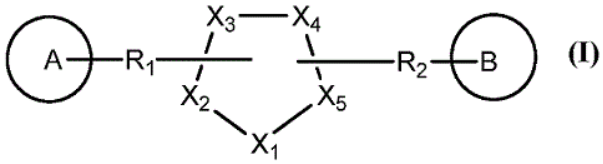
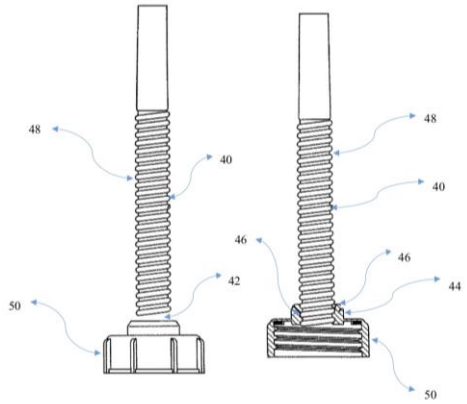


FIG. 9

21: 2018/07351. 22: 2018/11/02. 43: 2019/05/17
51: C07D A61K A61P
71: MANKIND PHARMA LTD.
72: PATIL, Rakesh, Ishwar, VERMA, Jeevan, KUMAR, Puneet, GUNJAL, Amol, Pandurang, RAI, Himanshu, RAI, Santosh, Kumar, KUMAR, Anil
33: IN 31: 201611012426 32: 2016-04-08
54: NOVEL GPR119 AGONIST COMPOUNDS
00: -
The present invention relates to novel compounds of formula (I), process for preparation of the same and composition comprising these compounds.



21: 2018/07385. 22: 2018/11/05. 43: 2019/06/05
51: B65D
71: GENTABUZZ (PTY) LTD
72: RASHAAD KHOTA
54: SPOUT ASSEMBLY
00: -
The current invention relates to a dispensing means which includes a cap having a spout extending through an opening provided in the cap, the spout adjustable in length relative to the cap



21: 2018/07386. 22: 2018/11/05. 43: 2019/05/17
51: H01H
71: BUTLER, SYDNEY, VAN ZYL, CHRISTOFFEL JOHANNES
72: VAN ZYL, CHRISTOFFEL JOHANNES, BUTLER, SYDNEY
33: ZA 31: 2017/04567 32: 2017-07-04
54: ARC CHUTE
00: -
This invention concerns an arc chute for a circuit breaker. The arc chute comprises a pair of contactor plates, which are spaced apart from each other such that they define a space in which a plurality of insulator plates are located for splitting an arc. The insulator plates are arranged substantially parallel to one another such they define a plurality of substantially parallel extinguishing cavities along which the split arc runs in order to extinguish the arc. The insulator plates are spaced apart using spacing means so as to prevent the insulator plates from collapsing onto one another in the event of arc chute failure.

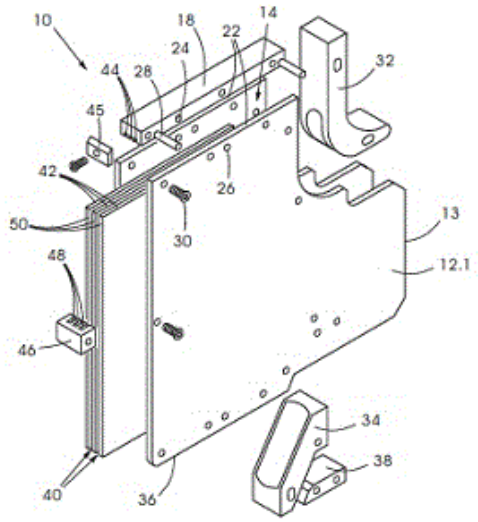


Fig. 1

21: 2018/07387. 22: 2018/11/05. 43: 2019/06/25
51: E04H
71: COCHRANE STEEL PRODUCTS (PTY) LTD
72: BUCARIZZA, Vlado
54: A BASE FOR A FENCE POST
00: -
A base for a superterranean fence post which includes a body with a ground-engaging surface and a mechanism for mounting a lower end of the fence post to the body wherein a footprint of the surface is sufficient to provide lateral support to maintain the post in an upright orientation and a mass of the body is sufficient to stabilize the upright post.

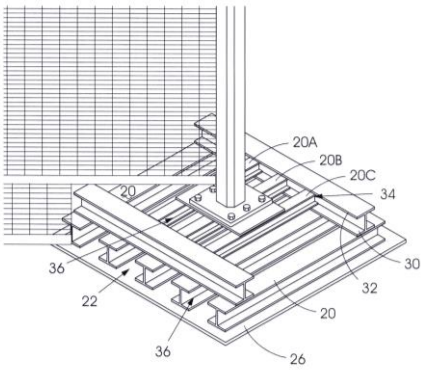


FIGURE 2

21: 2018/07403. 22: 2018/11/05. 43: 2019/06/04
51: A01B; A01C
71: CRINKLAW FARM SERVICES

72: CRINKLAW, David Curtis, SCHAPANSKY, Chase, VACCARI, Richard, BISCHEL, Jeremy, JOHNSON, Ryan
33: US 31: 15/250,279 32: 2016-08-29
54: ROBOTIC AGRICULTURAL SYSTEM AND METHOD
00: -
A robotic orchard spraying system having autonomous delivery vehicles (ADV), each autonomously delivering an amount of a premixed solution over a non-overlapping path verified by a forward-looking sensor, video, or both. A mobile control center, configured to wirelessly inform the autonomous delivery vehicle of the path within the areas and to confirm that the autonomous delivery vehicle is following the path within the area. A mapper vehicle generates the path within the area, the mapper vehicle being configured to communicate information about the path and the area to the command center. The mapper vehicle senses the path with a forward-looking LiDAR sensor, and senses the area with a GPS sensor. A nurse truck has a reservoir of premixed solution for replenishing a tank of the ADV. ADVs and the control center communicate over a radio network, which may be a mesh network, a cellular network, or both.

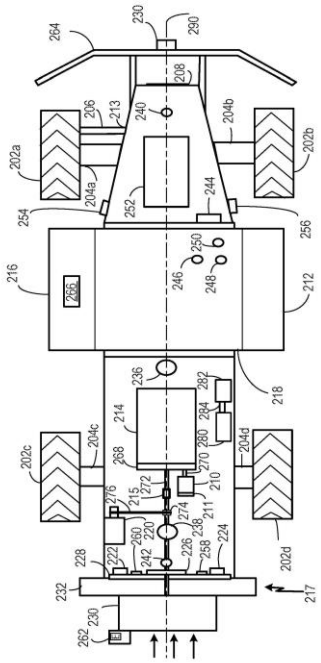


FIG. 2

21: 2018/07424. 22: 2018/11/06. 43: 2019/06/20
51: H04H; H04L; H04M; H04W
71: Always Active Technologies (Pty) Ltd
72: DE SWART, Lodevicus David , MAHLKNECHT, Gregory John
33: ZA 31: 2017/06372 32: 2017-09-21
54: INSTANT MESSAGING BROADCAST SYSTEM
00: -
The invention relates to mobile device messaging and in particular to a system and process to transition data messages from legacy SMS-format messaging to one or more Instant Messaging (IM) formats. Data messages are transmitted by a participating message originator in a SMS messaging format and the system is configured to intercept the SMS-format messages and to convert the intercepted SMS-format messages to the format of an IM messaging format predetermined by a participating message recipient. The system is configured also to operate in reverse to transform replies from participating users to the message originator. The replies are sent in IM messaging format, intercepted and converted to a data messaging format predetermined by the message originator. In essence, the system provides a SMS-to-other-format router and message routing process.

21: 2018/07425. 22: 2018/11/06. 43: 2019/06/20
51: H04L; H04W
71: DE SWART, Lodevicus David
72: DE SWART, Lodevicus David
33: ZA 31: 2017/06147 32: 2017-09-11
54: SIM SWAP FRAUD PREVENTION
00: -
This invention relates to the prevention of fraud in mobile communication networks and in particular to the prevention of fraud in the processes involved in swapping Subscriber Identification Modules (SIMs). The invention proposes the inclusion, in the process of processing a SIM swap, the additional step of requiring multi-factor authentication in the SIM swap process before the new SIM card is provisioned.

21: 2018/07432. 22: 2018/11/06. 43: 2019/06/12
51: F41A; F41C
71: STEADYSTOCK NZ LIMITED
72: ECCLESHALL, Gary Stewart (Deceased)
33: NZ 31: 719837 32: 2016-05-06
54: A RIFLE AND A FORESTOCK FOR A RIFLE WITH BIPOD
00: -

The invention relates to a rifle comprising a barrel, a stock, a bipod and bipod housing formed within the stock of the rifle and in which one or more legs of the bipod may be housed when the bipod is in a storage position. The forestock may comprise a body and a tip. The tip may be configured to support one or more legs of the bipod and may also be configured to hinge away from the body to cause the legs to project toward a supporting surface when the bipod is in an operational position.

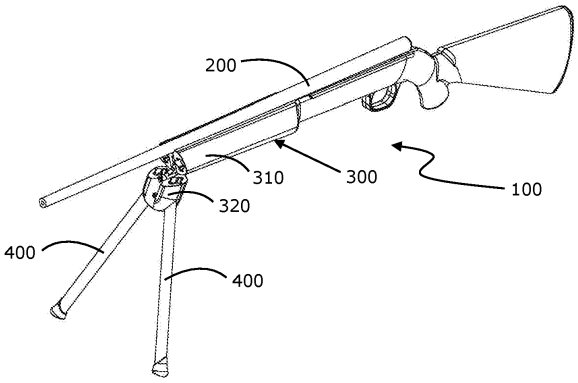


FIG 2

21: 2018/07433. 22: 2018/11/06. 43: 2019/06/21
51: D04B
71: KARATZIS S.A. INDUSTRIAL & HOTELIER ENTERPRISES
72: KARATZIS, Antonios
33: DE 31: 10 2016 108 342.9 32: 2016-05-04
54: PLASTIC MESH HAVING DOUBLE CHAINS, AND DEVICE FOR PRODUCING A PLASTIC MESH
00: -
The invention relates to a plastic mesh having a plurality of chains extending parallel to one another in a longitudinal direction, which plastic mesh has a plurality of groups of chains (2) adjacent to one another, which are in each case formed of at least two chains (2a, 2b). The groups of chains (2) have a greater spacing relative to one another or also relative to a further individual chain (1) than the chains (2a, 2b) within a group of chains (2). A thread (3) runs in a zigzag between two adjacent groups of chains (2) or also between one group of chains (2) and an individual chain (1) and connects the chains (1) or groups of chains (2).

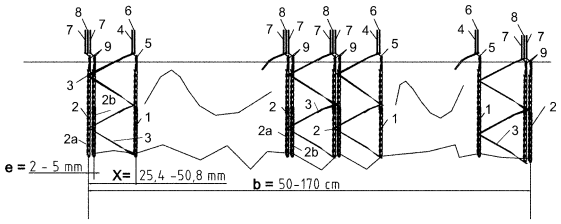


Fig. 1

21: 2018/07458. 22: 2018/11/07. 43: 2019/06/05
51: E02D; G01N
71: PROVEST GROUP (PTY) LTD
72: GRIX, Etienne Douglas Lennox
33: ZA 31: 2018/01228 32: 2018-02-23
54: ANCHOR TESTING APPARATUS
00: -
This disclosure relates to an anchor testing apparatus for testing the integrity of an installed rock anchor comprising the rock anchor including a hollow elongate member having a leading end for operative insertion into the bore and a trailing end extending out of the bore. The apparatus further includes a sensing means located along an outer portion of the hollow elongate member and an alert means in communication with the sensing means and located at an inside portion along a length of the hollow elongate member. When in use, the sensing means measures resistivity of the chemical securing means about the outer portion of the elongate member and wherein the alert means is activated into a first state upon the resistivity being at a first predetermined threshold. The disclosure extends to a method of testing quality of a chemical securing means about a rock anchor inserted into a drilled bore.

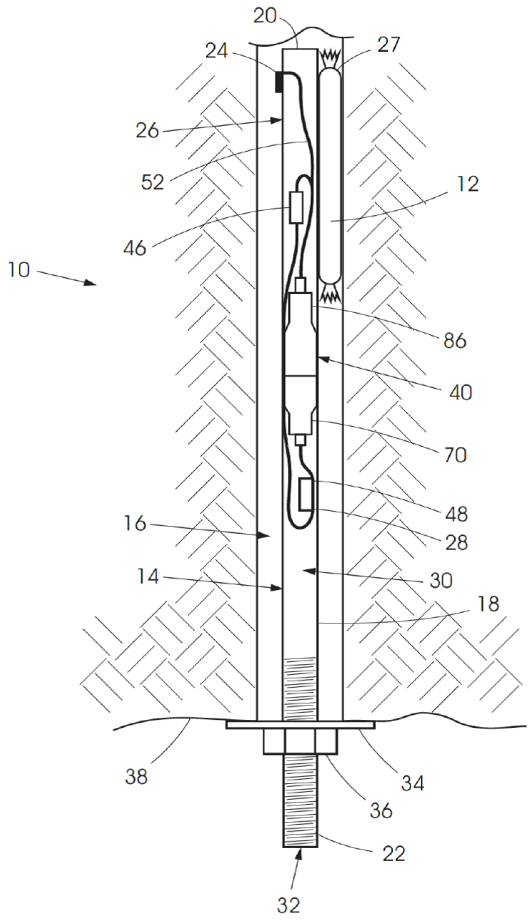
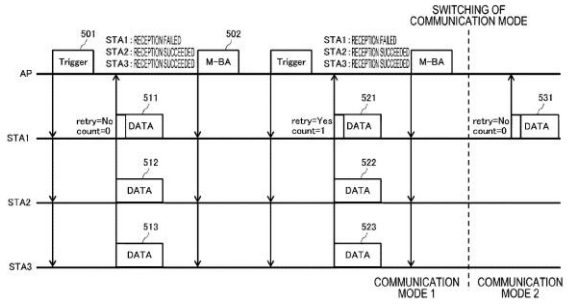


FIGURE 1

21: 2018/07474. 22: 2018/11/07. 43: 2019/05/17
51: H04L
71: Sony Corporation
72: TANAKA, Yusuke, SUGAYA, Shigeru
33: JP 31: 2016-172432 32: 2016-09-05
54: COMMUNICATION DEVICE AND COMMUNICATION METHOD
00: -
Provided is a communication device configured to operate in a plurality of communication modes and maintain information related to retransmission of data in accordance with switching of the communication modes.



21: 2018/07493. 22: 2018/11/08. 43: 2019/06/24
51: A23N
71: NICHE INDUSTRIAL PRODUCTS (PTY) LTD
72: KLAIBER, RUDOLF, JAN
54: MOBILE WASH BAY
00: -
A mobile washing unit which includes a washing section connected to a drying section, a watering system configured to supply water to the washing section, the washing section including a roller brush apparatus line with a feed end and a discharge end and at least one high pressure nozzle coupled to the water system configured to direct a water stream onto the roller brush apparatus line, the drying section including a roller sponge conveyer line with an inlet connected to a discharge end of the roller brush conveyer line.

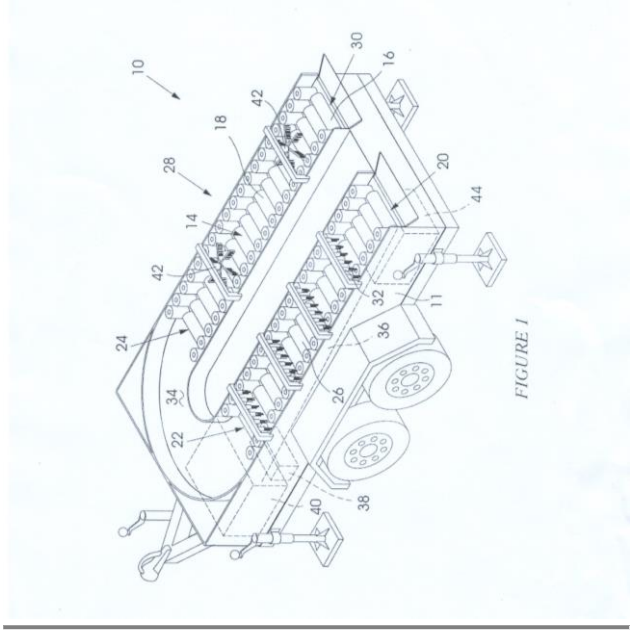


FIGURE 1

21: 2018/07507. 22: 2018/11/08. 43: 2019/06/04
51: E04C
71: GRAHAM, Rickey, GRAHAM, Nickolas
72: GRAHAM, Rickey, GRAHAM, Nickolas

33: US 31: 62/326,302 32: 2016-04-22
33: CA 31: 2,937,630 32: 2016-08-01
54: PREFABRICATED STRUCTURAL BUILDING PANEL
00: -
A load bearing building panel having a first sheet intended to provide an inner building surface, a second sheet intended to provide an outer building surface, and an insulating foam core sandwiched between them. The sheet that provides the inner building surface is corrugated to define co-planar portions separated by a plurality of channels which are dimensioned so as to be able to accommodate standard size electrical boxes and/or plumbing pipes. Advantageously, the other sheet is also corrugated to define a plurality of channels so that a plurality of panels can be stacked in a partially nesting relationship.

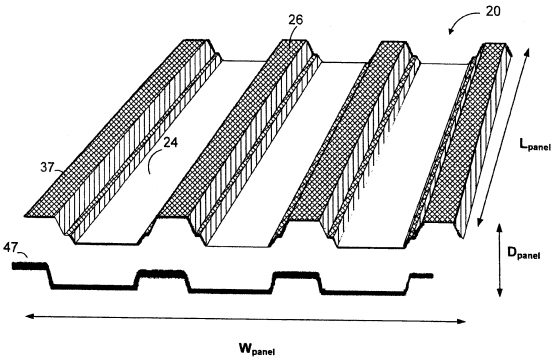


FIG. 2

21: 2018/07540. 22: 2018/11/09. 43: 2019/05/17
51: A01H; C12N
71: MONSANTO TECHNOLOGY LLC
72: FLASINSKI, Stanislaw, CHITTOOR, Jaishree, M.
33: US 31: 62/340,656 32: 2016-05-24
54: PLANT REGULATORY ELEMENTS AND USES THEREOF
00: -
The invention provides recombinant DNA molecules and constructs, as well as their nucleotide sequences, useful for modulating gene expression in plants. The invention also provides transgenic plants, plant cells, plant parts, and seeds comprising the recombinant DNA molecules operably linked to heterologous transcribable DNA molecules, as are methods of their use.

21: 2018/07568. 22: 2018/11/12. 43: 2019/06/04
51: G05B; G06Q
71: CITADEL HOUSE OF TECHNOLOGIES (PTY) LTD
72: SOLUADE, Akinbowale, Oludare, VAN DER MERWE, Joachim, Christoffel, AMEXO, Gabriel Yaw, COETSER, Byron Darryl
33: ZA 31: 2017/07278 32: 2017-10-26
54: A SYSTEM OF MANAGING ASSETS AND A METHOD THEREOF
00: -
This invention relates to a system for the managing, maintenance, lifecycle costing and reporting for assets. The system includes an asset database 108 which stores asset information including at least an asset unique identifier which indicates particular asset. A strategic management unit 204 manages assets at a strategic level and includes a cost resource module 206 which calculates a replacement cost of an asset. An asset maintenance module 208 receives an asset unique identifier, interrogate the asset database 108 to retrieve the asset maintenance history information associated with the asset unique identifier, and interrogate the database 108 to retrieve an asset maintenance status associated with the particular asset. Analysis of the asset maintenance status and the asset maintenance history information is done so as to determine whether or not the asset requires maintenance. Communication module 212 communicates the replacement cost and status of the asset to a user.

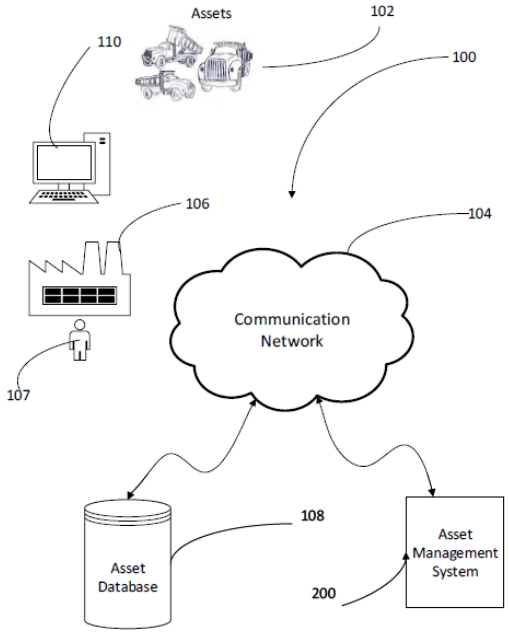


FIGURE 1

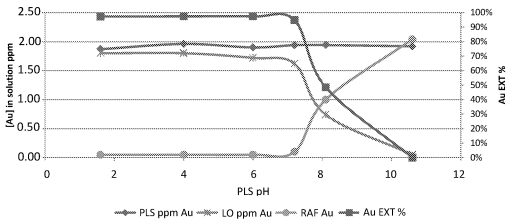
21: 2018/07597. 22: 2018/11/12. 43: 2019/05/28
51: C22B
71: BROMINE COMPOUNDS LTD., TENOVA ADVANCED TECHNOLOGIES LTD
72: LARMOUR-SHIP, Keren, FABIAN, Tal, MILLER, Alan, KRUMBEIN RUBIN, Sharon, SHANDALOV, Elizabeta, BERGSTEIN FREIBERG, Mira
33: US 31: 62/338,556 32: 2016-05-19

54: A PROCESS FOR RECOVERING GOLD FROM ORES

00: -

A process for recovering gold from a gold-containing raw material, comprising leaching the gold-containing material with an aqueous solution comprising elemental bromine and bromide source to form a pregnant leach solution with the gold dissolved therein; separating said pregnant leach solution from the gold-depleted raw material, removing elemental bromine from said pregnant leach solution, extracting the gold from the pregnant leach solution in an acidic environment into an organic extractant, to form a gold-loaded extract and bromide-containing raffinate, stripping the extract with an alkaline aqueous solution to form a gold-bearing aqueous solution, generating gold (Au0) and treating bromide-containing stream(s) to produce recyclable elemental bromine.

FIGURE 3



21: 2018/07609. 22: 2018/11/13. 43: 2019/06/05
51: G06F; G06Q
71: VARMA, Sanjay, SOLOGAR, Ashvin Praveen
72: VARMA, Sanjay, SOLOGAR, Ashvin Praveen
33: US 31: 15/141,052 32: 2016-04-28

54: SYSTEMS AND METHODS FOR DYNAMICALLY IDENTIFYING AND PRESENTING MATCHING USER PROFILES TO A USER

00: -

Electronic computer-implemented systems and methods for dynamically identifying and presenting matching user profiles to a user are disclosed. A server system receives, from an electronic device of a user, at least one user-selected goal in the form of a text string and location information as to the geographic location of the user. The user-selected goal is analyzed to extract entity and/or keyword samples therefrom, and matching user profiles of other users stored on a database associated with the server system are identified as those that have goals with similar entity and/or keyword samples therein. The matched user profiles are ranked based on the physical proximity between the user and the other users, and the ranked list is transmitted to the electronic device to be displayed to the user.

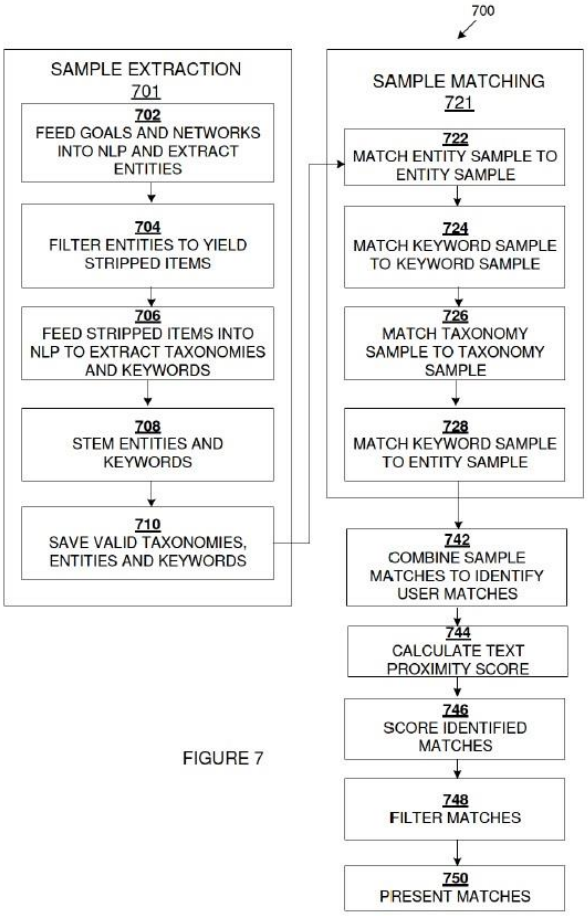


FIGURE 7

21: 2018/07612. 22: 2018/11/13. 43: 2019/06/07
51: H01Q; H04M
71: POYNTING ANTENNAS (PTY) LIMITED
72: FOURIE, Andries, Petrus, Cronje, FOURIE, Vera-Jean, KOMU, Beth, Njeri
33: ZA 31: 2016/03857 32: 2016-06-07

54: MIMO ANTENNA ADAPTOR FOR MOBILE DEVICE

00: -

AABSTRACTAn adaptor 10 for a multi-input multi-output (MIMO) mobile device 100 comprising a first internal antenna 102 and a second antenna 104, comprises a cover 12. The cover is mountable on the device. The adaptor comprises at least first and second spaced electromagnetic couplers 16, 18 which are respectively associated with the first and second internal antennas 102, 104. Cables 20, 22 extend from the first and second couplers to respective first connector parts 24, 26 which are connectable to at least first and second external antennas. The cover 12 comprises engagement formations 32 for holding the at least first and second couplers in a respective position and orientation with respect to the respective associated internal antennas which would ensure a coupling factor between the coupler and the respective internal antenna of at worst 2dB lower than an optimal coupling factor (0dB) obtainable by an optimal position and orientation of the coupler relative to the respective internal antenna when the cover 10 is mounted on the device 100.Fig 3

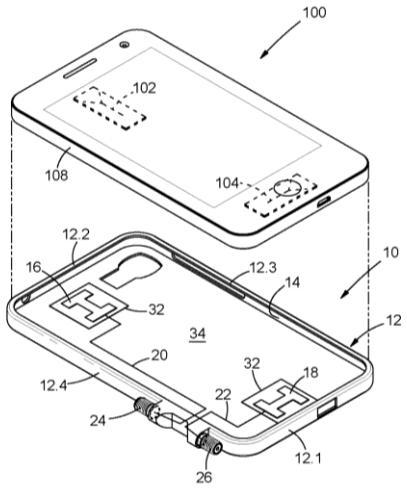


FIGURE 3

21: 2018/07635. 22: 2018/11/13. 43: 2019/06/06
51: G01N
71: STELLENBOSCH UNIVERSITY
72: JACOBS, Ruschca, WALZL, Gerhard, CHEGOU, Novel Njweipi
33: ZA 31: 2016/02557 32: 2016-04-15

54: HOST BIOMARKERS FOR IMMUNODIAGNOSIS AND MONITORING OF TUBERCULOSIS DISEASE

00: -

A method of diagnosing tuberculosis disease (TB) is provided. A blood sample from a subject is tested for NCAM and optionally also for other biomarkers such as ferritin, SAP, A2M, IL-22, CFH, ECM-1, IL-1 ß, sCD4DL,IL-13, Apo-A-1, myoglobin, IL-12(p40), MIP-4, antithrombin III, GDF-15 and HCC1. A device and kit for performing the method are also provided.

21: 2018/07646. 22: 2018/11/14. 43: 2019/06/05
51: F23L; F24F
71: FANTECH PTY LTD
72: DARE, James, CAMPBELL, Lucas
33: AU 31: 2018900059 32: 2018-01-09

54: EXHAUST ASSEMBLY

00: -

An exhaust assembly (100) is disclosed which includes a casing (102) defining a chamber (104) arranged to receive a fan (106). The casing comprises a first wind band (108) and a second wind band (110). The first wind band (108) defines a first open end of the casing and the second wind band (110) defines a second open end of the casing. The fan (106) is configured to induce a flow of fluid from the first open end through the casing to the second open end. The first and second wind bands (108, 110) are removeably coupled together to form the casing.

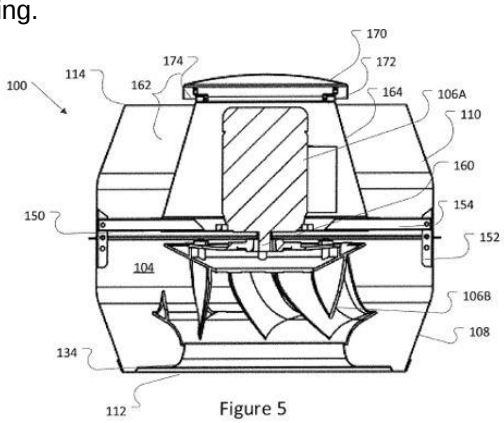


Figure 5

21: 2018/07673. 22: 2018/11/15. 43: 2019/06/06
51: H04W
71: HELIXSA (PTY) LTD
72: RICHARD PATRICK SMITH
33: ZA 31: 2017/08353 32: 2017-12-08

54: SECURITY SYSTEM AND METHOD

00: -

An access control system comprising an information database including biometric information relating to a person, and communication means for

communication between a managing entity, or managing entity representative, a resident and/or a visitor.

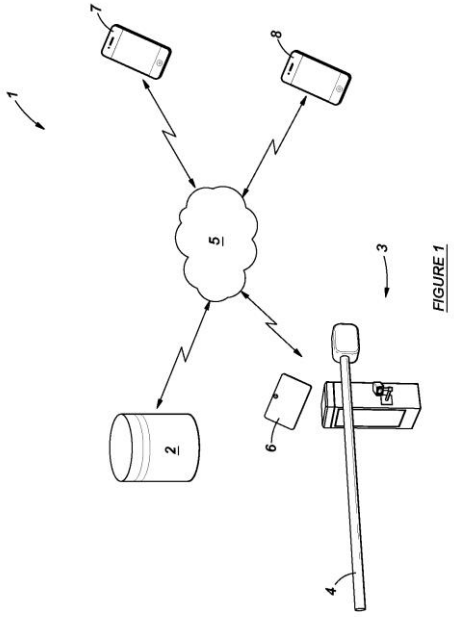


FIGURE 1

21: 2018/07675. 22: 2018/11/15. 43: 2019/06/06
51: F21S; F21V
71: NORDLAND OPERATIONS (PTY) LTD
72: NEL, Raymond Daniel
33: ZA 31: 2017/07719 32: 2017-11-15
54: EMERGENCY LIGHTING
00: -
The invention relates to an emergency lighting system. A series of light fittings is arranged at spaced apart intervals, each having an arrangement of light sources and including a control circuit. The control circuits are connected to a processor at a control centre. The light sources are configured to provide a variable directional sign as directed by a signal received by the control circuit from the processor. The signal from the processor is based on a location of an emergency event and provides indicated paths along an evacuation route. The light sources provided by two arrays of LEDs on opposite sides of the light fitting configured and positioned to provide light along a particular direction on each side of the light fitting. The LEDs are preferably either red or green, as directed by the signal. The control circuit is connected to a battery power supply. The processor may also generate a signal to each light fitting to indicate a rescue route for a rescue team to follow. Data from sensor or reports may be provided to the processor. The system is particularly for use in an underground mine with bulkhead light fittings having replaceable light source modules.

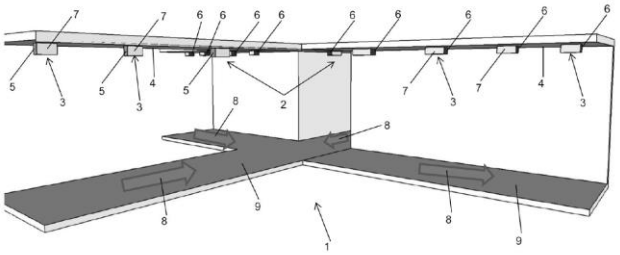


FIGURE 1

21: 2018/07681. 22: 2018/11/15. 43: 2019/06/05
51: H01H; H03K
71: DAVID STUCKEY INVESTMENTS PTY LTD
72: STUCKEY, David Martin, SEMKOW, Marc David, OWENS, Marie Lise, EKONANTO, Heri, GRAHAM, Brent, MAURO, David J., FARNSCHLAEDER, Udo Wilhelm, STRIKE, Michael Anthony, SMART, Alastair Malcolm, SUMMONS, Keith Malcolm
33: AU 31: 2016902175 32: 2016-06-04
54: METHOD OF OPERATION OF A FAIL-SAFE SOLID STATE RELAY
00: -
A method for operating a fail-safe programmable solid-state relay, the method comprising the steps of performing a set of self-tests at an initial start-up and cyclically during the powered state of the solid-state relay, wherein a self-test comprises continuously detecting and comparing a state of the at least one switch with an expected state therefor and wherein if any self-test within the set detects an unexpected state, substantially simultaneously therewith a failure flag is set in a non-volatile memory and the at least one switching circuits are set to a safe or default state; setting an integrity flag and an integrity count flag within the memory when all self-tests in the set are passed; and reading the failure flag from the memory at any subsequent start-up, wherein if the failure flag is not set, the integrity count flag is read and a set of self-tests is performed.

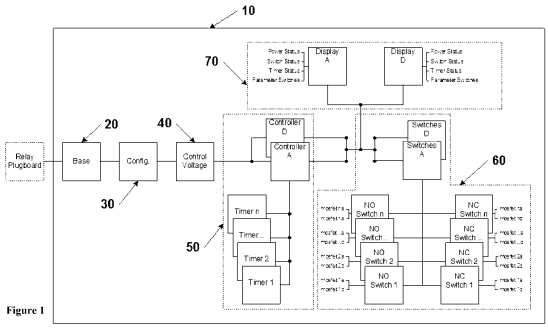


Figure 1

21: 2018/07683. 22: 2018/11/15. 43: 2019/06/11
51: A61B
71: Opus Néoi GmbH
72: BONMARIN, Mathias, VON SCHULTHESS, Patrick, FAHRNI, Simon, GRÜNDLER, Tobias, KÜNZLI, Pascal, REINKE, Nils
54: MEASUREMENT SYSTEM AND METHOD FOR CHARACTERIZING TISSUE
00: -
A measurement system (1) for characterizing sample tissue (4; 4a, 4b) in a non-invasive way comprises a stimulation device (3; 3a, 3b; 3a, 3c) for thermal stimulation of the sample tissue (4; 4a, 4b), a temperature sensor (2; 2a, 2b) for capturing at least one temperature profile of the sample tissue (4) and a computing unit (11) connected to the temperature sensor (2; 2a, 2b) for processing data delivered by the temperature sensor (2; 2a, 2b). Thermal radiation radiated by the sample tissue (4; 4a, 4b) from at least a measurement area (5) is detectable as a result of the thermal stimulation by the temperature sensor (2; 2a, 2b) during the thermal stimulation of the sample tissue (4; 4a, 4b). The stimulation device comprises a temperature regulating body (3; 3a, 3b; 3a, 3c) which is in continuous contact with the sample tissue (4; 4a, 4b) in a contact area (6) during an entire measurement period. During a measurement period the temperature regulating body (3; 3a, 3b; 3a, 3c) has a different temperature than the sample tissue (4; 4a, 4b).

21: 2018/07717. 22: 2018/11/16. 43: 2019/06/12
51: G05B; H01H
71: POTGIETER, Machiel
72: POTGIETER, Machiel
54: SAFETY DEVICE
00: -
This invention relates to a safety device 10 for isolating an electrical power source 12 from a load element 14 of a machine 16, comprising a control module 18 that is operatively connectable to the electrical power source 12 and configured to determine the status of at least one operational feature of the machine 16 and further configured, when connected to the electrical power source 12, to permit the electrical power source 12 to be isolated from the load element 14 if the status of the at least one sensed operational feature corresponds with a normally inoperative state of the machine 16, and to permit the electrical power source 12 to be connected to the load element 14 if the status of the at least one sensed operational feature corresponds with a normally operative state of the machine 16.

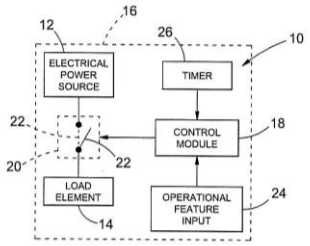
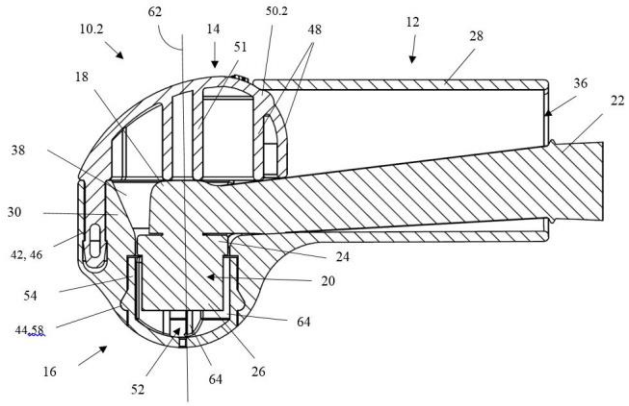


FIGURE 1

21: 2018/07720. 22: 2018/11/16. 43: 2019/06/25
51: A61H; A61C; A45D
71: UNDERCOVER GROUP (PTY) LTD
72: PHILLIPS GIRD, Heidi Stella
54: TOOTHBRUSH ACCESSORY
00: -
An accessory (10) for an electric toothbrush head (18) includes a body (12) in which the shank (22) of the toothbrush head (18) is receivable, and a cap (14) that can lock to hold the toothbrush head (18) captive in the body. The accessory (10) includes a second receiving formation that can be a rotor (16) or can be integrally formed with the body (12). The second receiving formation has a recess (52) in which the bristle part (20) is receivable to transfer oscillating movement to the accessory (10), so that the at least part of the accessory (10) gently vibrates and can be used as a massager.



21: 2018/07721. 22: 2018/11/16. 43: 2019/06/06
51: G08B; H04L; H04W
71: TATA CONSULTANCY SERVICES LIMITED
72: SARANGI, Sanat, PAPPULA, Srinivasu
33: IN 31: 201621016128 32: 2016-05-09
54: METHOD AND SYSTEM FOR ACHIEVING AUTO-ADAPTIVE CLUSTERING IN A SENSOR NETWORK
00: -
A system and method for achieving auto-adaptive clustering in a sensor network has been explained. The system performs a hierarchical clustering in sensor networks to maximize the lifetime of the network. The system includes a set of sensor nodes and a sink node. The clusters in sensor networks are formed automatically from a large number of deployed nodes where the cluster characteristics are driven by the measurement requirements defined by the end-user. The system also employs a clustering algorithm to achieve adaptive clustering. The processor further includes a first level clustering module for grouping the set of sensor nodes into data level clusters based on the measurements. The processor further includes a second level clustering module for grouping the set of sensor nodes in the data level clusters into the location level clusters based on location. In another embodiment, that clustering can go on to more than two levels.

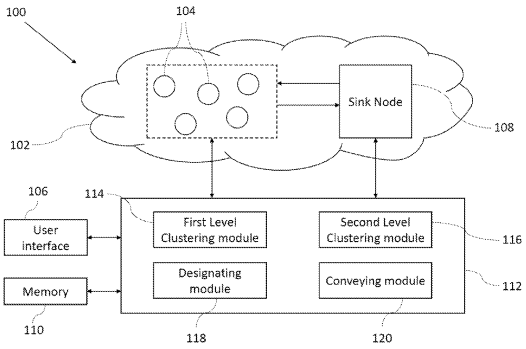


FIG. 1

21: 2018/07759. 22: 2018/11/19. 43: 2019/06/06
51: D21C
71: FIBRATECH PTE. LTD
72: KURKI, Matti
54: A METHOD AND A SYSTEM FOR PRODUCTION OF HIGH MOLECULAR WEIGHT LIGNIN
00: -
The present invention discloses a cooking method and a digester system wherein partly digested cellulosic fiber source is compressed during cooking to provide high molecular weight lignin and pulp.

21: 2018/07777. 22: 2018/11/19. 43: 2019/06/06
51: E21B
71: ZHONGWEI (SHANGHAI) ENERGY TECHNOLOGY CO LTD
72: BURGER, Casper Jan Hendrik, MIN, Zhenhua, WANG, Yuanli
54: OXIDIZING AGENT INJECTION EQUIPMENT FOR UNDERGROUND COAL GASIFICATION PROCESS AND APPLICATION THEREOF
00: -
Disclosed is an oxidizing agent injection equipment for an underground coal gasification process, the oxidizing agent injection equipment comprising an oxidizing agent passage (10), the oxidizing agent passage (10) comprising a rotary connector (19), a coiled tubing (11), a mechanical shearing device (6) and an oxidizing agent nozzle (4) which are sequentially connected to each other in an air-impermeable manner; the mechanical shearing device (6) is used for cutting-off the oxidizing agent nozzle (4) when necessary so as to withdraw the coiled tubing (11) and the rotary connector (19) therein, allowing a ground oxidizing agent source to connect in an air impermeable manner to a center

shaft of a coiled tubing winding drum (18). Therefore, oxidizing agents are still continuously injected even in a process of moving the oxidizing agent nozzle (4) by means of the coiled tubing winding drum (18) winding the coiled tubing (11). Also disclosed is an application of the oxidizing agent injection equipment in an underground coal gasification process, and the oxidizing agent injection equipment may be used for ignition in the underground coal gasification process and a normal operation process.

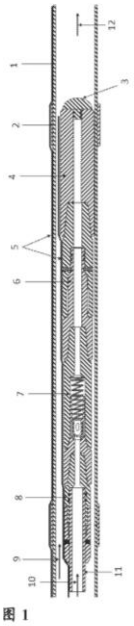


图 1

21: 2018/07818. 22: 2018/11/20. 43: 2019/06/07
51: B01J; B08B
71: WORLEYPARSONS SERVICES PTY LTD
72: JANSEN, Christopher, HOISETH, Merlin S., HARVEY, Nicolas
33: US 31: 62/338,155 32: 2016-05-18
54: DEVICE FOR REMOVING CATALYST AND OTHER MATERIAL FROM REFINERY AND PETROCHEMICAL REACTORS AND OTHER VESSELS
00: -
Methods and apparatus are disclosed for removing catalyst, absorbents and other materials from a reactor, guard bed, or other refinery or petrochemical vessel via a robotic or remotely operated device. A vacuum hose is connected to the device for removing the material from the vessel for ex-situ regeneration or disposal. The device moves around on the surface of the catalyst using motorized screws that grip to the catalyst material. The device is powered by hydraulic, pneumatic or electric motors attached to the frame of the device with supply and return hoses extending in and out of the vessel in line with the vacuum hose.

Figure 4

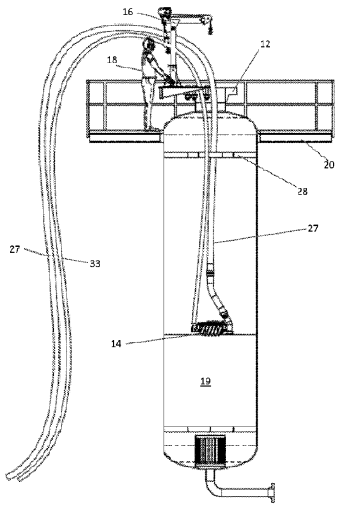
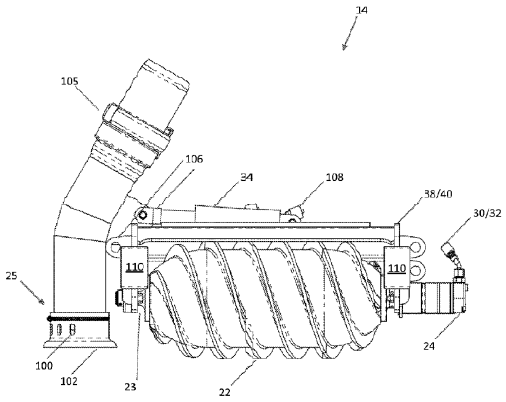


Figure 12



21: 2018/07847. 22: 2018/11/21. 43: 2019/05/10
51: G01N; G08B
71: CENTRAL UNIVERSITY OF TECHNOLOGY, FREE STATE
72: MEINTJES, BAREND BARTHOLOMEUS , LAAS, DAVID FREDERIK VAN DYK
33: ZA 31: 2017/08134 32: 2017-11-30
54: METHOD OF IDENTIFYING A PERPETRATOR AND APPARATUS FOR USE IN SUCH A METHOD

00: -
This invention relates to a method of identifying a perpetrator by applying a unique marking to the perpetrator, which marking can be linked to a specific physical location. The invention also extends to a system for use in such method. The method includes the steps of providing microdots including data associated with a selected location; providing a microdot dispenser at the selected location, the dispenser being linked to a sensing means at the selected location; and actuating the microdot dispenser when a perpetrator activates the sensing means, in order for microdots to be deposited onto the perpetrator.

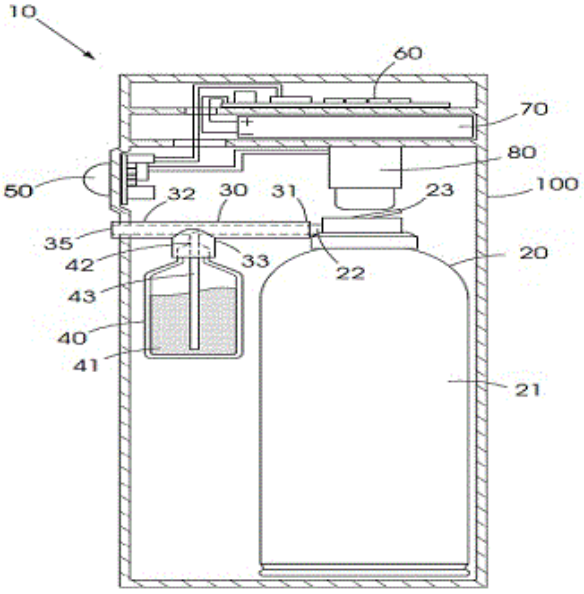


Fig. 3

21: 2018/07850. 22: 2018/11/21. 43: 2019/06/07
51: F16C; G01B; G01P
71: ALSTOM TRANSPORT TECHNOLOGIES
72: BARLINI, Davide, MACCALLI, Giacomo
33: EP 31: 17306619.2 32: 2017-11-22
54: SYSTEM AND METHOD FOR MEASURING MOTOR BEARINGS CONSUMPTION OF RAILWAY VEHICLES
00: -
System for measuring motor bearings consumption of railway vehicles, comprising: - a phonic wheel (2), arranged to be fixed to a shaft of a rotor, having a profile including teeth and holes; - a sensor (4), arranged to measure a punctual air-gap between the teeth and said sensor (4) during rotation of the shaft, said sensor (4) generating a basic sinusoidal signal function of said profile, representative of a radial motion of the shaft, the basic signal and the modulating wave forming a complete signal; the sensor (4) further comprising: a control unit (4a) arranged to measure a maximum and minimum amplitude value of the complete signal, said amplitude values representing the maximum and minimum air-gap between the phonic wheel (2) and the sensor (4), and for calculating an air-gap swing value; memory means (4b) to store said swing value; wherein said sensor (4) is arranged to send to a control unit (6) said swing value when the shaft stops rotating.

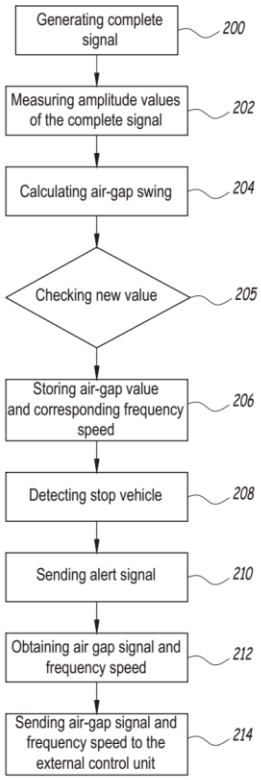
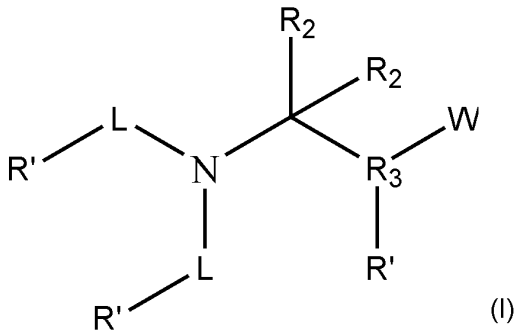


Fig.3

21: 2018/07854. 22: 2018/11/21. 43: 2019/06/07
51: C07K; G01N
71: ADVANCED BIODESIGN
72: CEYLAN, Ismail, QUASH, Gerry, PEREZ-ALEA, Mileidys, MARTIN, Guillaume
33: EP 31: 16305724.3 32: 2016-06-14
54: MONOCLONAL ANTIBODY SPECIFIC FOR GAMMA-GLUTAMYL-L-EPSILON-LYSINE FOR THE MONITORING OF APOPTOSIS
00: -

The present invention concerns an ex vivo method for the monitoring of apoptosis which is based on the detection of free gamma-glutamyl-L-epsilon-Lysine (GGEL) in a biological sample of a subject with a monoclonal antibody specific to GGEL. The invention also relates to the monoclonal antibody specific to GGEL, as well as to diagnostic kits containing such a ligand.

21: 2018/07855. 22: 2018/11/21. 43: 2019/06/07
51: A61K; A61P
71: KARUS THERAPEUTICS LTD
72: SHUTTLEWORTH, Stephen Joseph, WHALE, Andrew David, COLMAN, Lucy Mary, ROGERS, Helen Louise
33: GB 31: 1609786.7 32: 2016-06-03
54: COMBINATIONS COMPRISING HISTONE DEACETYLASE INHIBITORS
00: -
The invention relates to a combination of a compound of formula (I) or a pharmaceutically acceptable salt thereof, and at least one second agent selected from the group consisting of proteasome inhibitors, tumour immunotherapeutics or immunomodulatory agents, signal transduction pathway inhibitors, agents inhibiting the BCL2 family of proteins, agents inhibiting Mcl-1, poly (ADP-ribose) polymerase (PARP) Inhibitors, aromatase inhibitors, conventional cytotoxic agents or a miscellaneous agent selected from abiraterone, ARN-509 and MYC inhibitors.



(I)

21: 2018/07859. 22: 2018/11/21. 43: 2019/05/13
51: H04W
71: Huawei Technologies Co., Ltd.
72: ZHANG, Hongping, ZENG, Qinghai
33: CN 31: 201610322124.0 32: 2016-05-13
54: METHOD AND APPRATUS FOR RRC STATE CONTROL
00: -
This application provides method and apparatus for RRC state control. An access network device obtains RRC connected inactive state indication information of UE. When the UE leaves an RRC connected state, the access network device determines, based on the RRC connected inactive state indication information, that the UE enters an RRC connected inactive state or an RRC idle state. When determining that the UE enters the RRC connected inactive state, the access network device stores context information of the UE, and sends, to the UE, a command of entering the RRC connected inactive state, so that the UE enters the RRC connected inactive state. According to the method, the access network device can control, based on a state of the UE, the UE to enter an appropriate RRC state, thereby reducing signaling overheads and improving system performance.

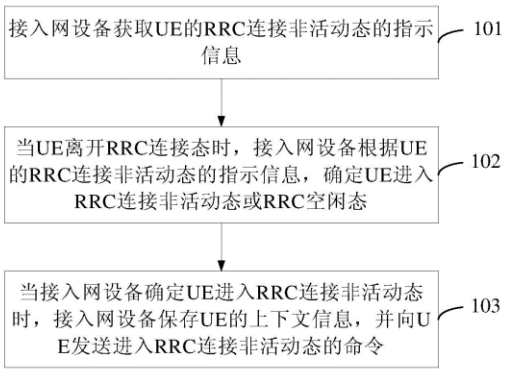


图 2

101 Access network equipment acquiring RRC connected inactive state indication information of an UE
102 When the UE leaves an RRC connected state, the access network equipment determining if the UE entering an RRC connected inactive state or an RRC idle state according to the RRC connected inactive state indication information
103 When it is determined that the UE enters the RRC connected inactive state, the access network equipment saving context information of the UE, and sending to the UE a command to enter the RRC connected inactive state

21: 2018/07923. 22: 2018/11/23. 43: 2019/05/24
51: A61F
71: SHENZHEN KYD BIOMEDICAL TECHNOLOGY CO. LTD
72: CHEN, Yilong, HUANG, Wei, ZHAO, Xiangqian
33: CN 31: 201610273051.0 32: 2016-04-28
54: INFERIOR VENA CAVA FILTER
00: -

An inferior vena cava filter comprises a recovery hook (1), a connection component (12), and multiple supporting rods. The connection component (12) is disposed below the recovery hook (1), and a component connected to a push device is disposed in the connection component. Multiple first supporting rods (4) are divided from the lower part of the connection component (12). One second supporting rod (2) and two third supporting rods (5) are divided from the far end of each first supporting rod (4). One part of the far end of the second supporting rod (2) is upwards and downwards bent to form a hook shape. The third supporting rods (5) continue to be downwards extended, and in unfolding, the third supporting rods (5) and the third supporting rods (5) divided from the first supporting rods (4) are extended in an inner arc shape, and the lower ends of the adjacent two third supporting rods (5) divided from the adjacent two first supporting rods (4) get close. In unfolding, the supporting rods are folded to form a filtering net shape on the whole.

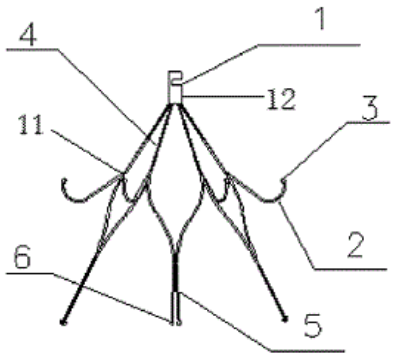


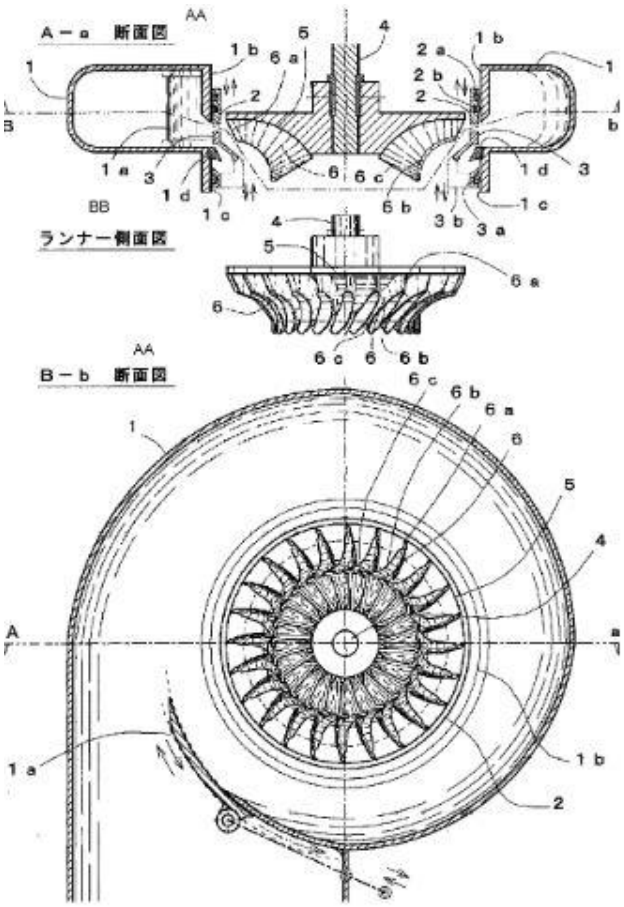
图 2

21: 2018/07925. 22: 2018/11/23. 43: 2019/05/02
51: F03B
71: HABA Hatsuo
72: HABA Hatsuo, NAKAYAMA Akio, OCHIAI Tomoyasu, HABA Takenori, HABA Masaru

54: IMPULSE-TYPE HYDRO TURBINE

00: -

This invention, which relates to a hydro turbine, addresses the problem of developing a general-purpose water wheel in which noise from refuse entanglement and sudden changes in water intake quantity and discharged water are prevented, high efficiency is maintained even with changes in water quantity, and a water quantity tracking operation is simplified to minimize the total cost. This invention provides an impulse-type hydro turbine in which a water stream cross-sectional area is narrowed in an eddy current speed-adjusting movable passage (1a) and approximately half of the pressure energy is converted to high-velocity kinetic energy and stored in a helical tube as a half-pressure, half-kinetic energy retaining eddy current (9b), an annular main valve (2) and an annular auxiliary valve (3) that slide parallel to a runner axis direction are provided to a shared core so as to enclose a runner, an energy-retaining relief discharge water channel that internally circumvents a water wheel runner for a load-tracking operation and for urgent stopping is configured by moving the valve positions, blade impact that occurs with rotation is eliminated using a rotating disc-shaped inward-radial eddy water stream (9c) for minimizing noise, and energy-retaining water-scatteringpreventative ribbed runner blades (6), which are curved in shape and which cause refuse to flow down due to the self-cleansing action of the water stream, are provided to reduce the flow rate as energy is converted and to maintain a regulated flow.



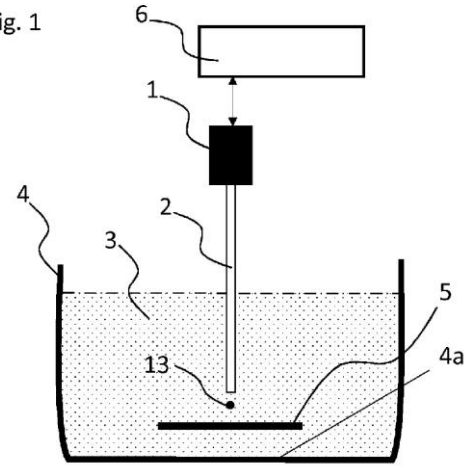
21: 2018/07931. 22: 2018/11/23. 43: 2019/06/26
51: G01N
71: NEMAK S.A.B DE C.V., RHEINISCH-WESTFÄLISCHE TECHNISCHE HOCHSCHULE (RWTH) AACHEN
72: Thomas WASCHKIES, Andrea REUTHER, Rudolf LICHT, Miriam WEIKERT-MÜLLER, Friederike FEIKUS, Sebastian FISCHER, Mark BADOWSKI, Thomas HAHN-JOSÉ
33: DE 31: 10 2016 007 173.7 32: 2016-06-14

54: METHOD, DEVICE AND USE FOR THE DEVICE FOR QUANTITIVELY DETERMINING THE CONCENTRATION OR PARTICLE SIZE OF A COMPONENT OF A HETEROGENEOUS MATERIAL MIXTURE

00: -

The invention relates to a method and a device for quantitively determining the number and size of particulate components contained in a medium flowing along a flow channel, wherein ultrasonic waves are coupled into the flowing medium, which are reflected at least partially on the particulate components and the reflected ultrasonic wave portions of which are detected in the form of ultrasonic time signals, on which the quantitive determining is based. The invention is characterised by the following method steps: coupling the ultrasonic waves into the flowing medium in such a way that at least one portion of the coupled-in ultrasonic waves is reflected on a wall region of the flow channel bordering the flow medium or a reflector introduced within the flow channel, via which an echo-ultrasonic time signal that can be associated with the wall region or the reflector is generated; determining at least one amplitude threshold value function which establishes an amplitude threshold value for each detected ultrasonic time signal, taking into consideration at least the echo-ultrasonic time signal; detecting amplitude values associated with the individual ultrasonic time signals, which are each greater than an amplitude threshold value established for each ultrasonic time signal; and assigning the detected amplitude values to values describing the size and number of the particulate components.

Fig. 1



21: 2018/08001. 22: 2018/11/27. 43: 2019/06/25
51: A61F
71: UNIVERSITY OF JOHANNESBURG
72: FINDLAY, Pia, Katerina, CAMPBELL, Angus, Donald
33: ZA 31: 2017/08131 32: 2017-11-30

54: FEMININE HYGIENE DEVICE

00: -

The present invention is directed towards a reusable feminine hygiene device for the collection and disposal of menstrual fluids. The device comprises a body having a portion for the collection of menstrual fluids, and portion for retaining menstrual fluids so collected.

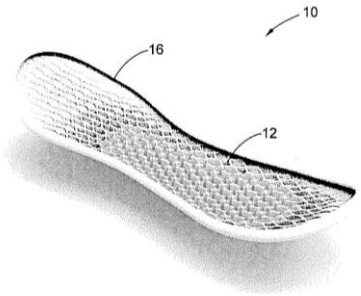


FIGURE 1

21: 2018/08027. 22: 2018/11/28. 43: 2019/06/11
51: B65G
71: Dale Holdings (Pty) Ltd
72: DALE, Christopher
33: ZA 31: 2017/08178 32: 2017-12-01
54: CONTROL SYSTEM
00: -
The invention relates to a method of controlling the speed of a conveyor belt take-up motor, the method includes the steps of measuring an ambient temperature and obtaining a pre-set torque value associated with the measured ambient temperature, measuring the actual torque of the conveyor belt take-up motor, comparing the measured torque value to the pre-set value which is associated with the measured ambient temperature and adjusting the speed of the conveyor belt take-up motor according to the difference between the pre-set and measured torque values.

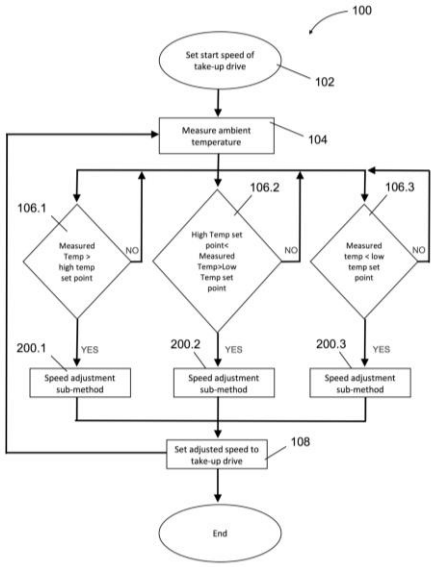


Figure 2

21: 2018/08028. 22: 2018/11/28. 43: 2019/06/11
51: B65G
71: Dale Holdings (Pty) Ltd
72: DALE, Christopher
33: ZA 31: 2017/08179 32: 2017-12-01
54: MOTOR ASSEMBLY
00: -
The invention relates to an assist motor assembly for a positively driven spiral conveyor belt which includes an assist motor connected to a spiral assist shaft of a conveyor belt system through an overrunning clutch. The overrunning clutch allows the spiral assist shaft to run independently of the assist motor when the assist motor is not activated. The assist motor assembly further includes a speed sensor arranged to measure the speed of the conveyor belt running on a discharge shaft of the conveyor belt system and a controller connected to the speed sensor arranged to activate the assist motor, when a reduction in the speed of the conveyor belt is detected, thereby to drive the spiral assist shaft in order to restore the original speed of the belt.

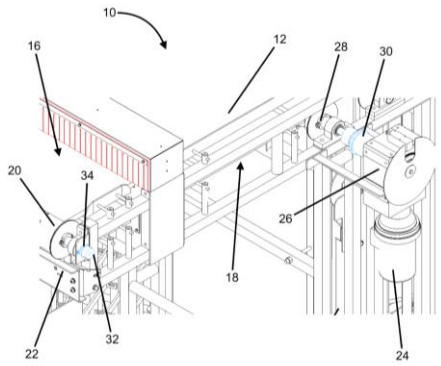


Figure 1

21: 2018/08029. 22: 2018/11/28. 43: 2019/06/11
51: E05B
71: PURDUE INVESTMENTS (PTY) LTD
72: PURDUE, Andrew Sinclair
54: A LOCK
00: -
A lock (100) comprises a body (102) and a deadbolt (104) mounted to the body. The deadbolt is movable between an unlocked position (106) wherein it is located substantially within the body, a first locked position (108) wherein it extends a first distance (109) from the body, and a second locked position (110) wherein it extends a second distance (111) from the body as shown in Figure 3. A deadbolt moving element (112) is provided and is operable to move the deadbolt between the unlocked position, the first locked position and the second locked position. The lock includes a mounting member (114) for selectively retaining a deadbolt restraining formation (116) in an operative position (117) wherein it prevents movement of the deadbolt from the first locked position to the second locked position.

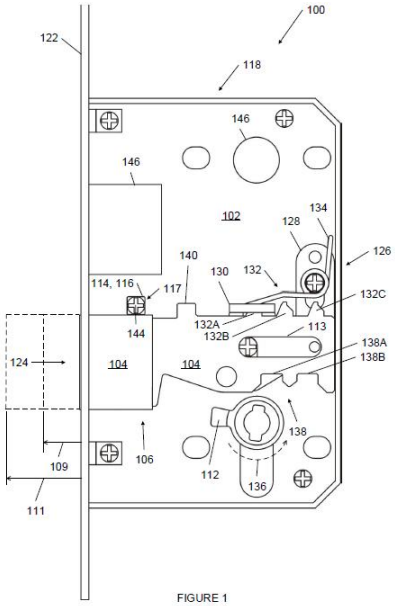


FIGURE 1

21: 2018/08030. 22: 2018/11/28. 43: 2019/06/06
51: E05B
71: PURDUE INVESTMENTS (PTY) LTD
72: CHENG, Shi
54: A LOCK
00: -
There is provided a lock including a body, a latch bolt biased towards a closed condition wherein it at least partially protrudes from the body, a spindle hub biased towards a closed condition, a deadbolt and a latch bolt retracting mechanism, wherein the latch bolt is located between the spindle hub and the deadbolt along a major axis of the lock body, and wherein the latch bolt retracting mechanism includes a latch bolt retracting member pivotally connected to the body, with the spindle hub configured to, upon rotation of the spindle hub from the closed condition against its bias to an open condition, engage the latch bolt retracting member to rotate the latch bolt retracting member on its pivot to retract the latch bolt against its bias towards an open condition wherein it is located substantially within the body.

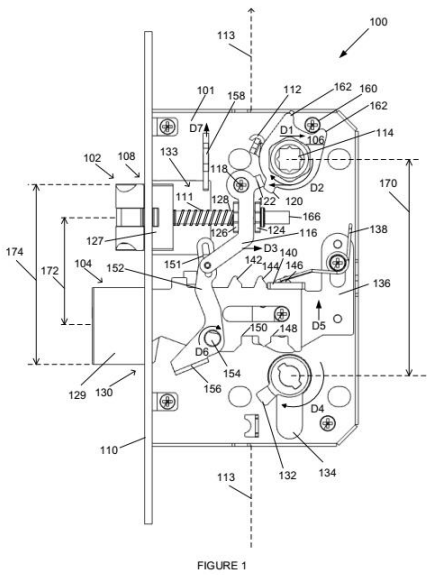


FIGURE 1

21: 2018/08036. 22: 2018/11/28. 43: 2019/06/11
51: B65D
71: STARLINGER & CO GESELLSCHAFT M.B.H.
72: VIVOLO, MARCELO FUNARO
33: BR 31: BR 10 2016 014915-0 32: 2016-06-23
54: BAG OR SACK-LIKE PACKAGING
00: -
The present invention refers to a bag or sack-like packaging (1), made of polymer material, idealized for packing, transporting and handling of solid powered and/or bulk materials, and provided with a detachable cover (5) which, besides providing safety and guaranteeing the resistance required for transporting and handling the loaded packaging (1), also enables the opening of the packaging (1) by detachment of the cover (5), without making cuts or tears, so that the packaging (1) can be reused.

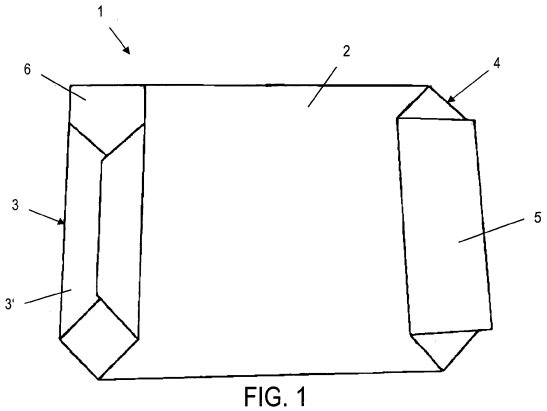


FIG. 1

21: 2018/08047. 22: 2018/11/28. 43: 2019/06/12
51: G09F
71: PRODUCT GENESIS DESIGNS (PTY) LTD
72: STEER, Gavin Milton
33: ZA 31: 2016/03722 32: 2016-06-01
54: A FRAME ASSEMBLY
00: -
The invention relates to a frame assembly comprising two extruded rails providing a cover component securable over a base component with a flexible sheet of material fastened therebetween. A frame is construction with four base components and corner pieces. Each base component has a channel with two opposite ribs engageable by clip formations on a ridge of the cover component. A latch formation is provided adjacent an operatively inner edge of the base component and a catch formation at the operatively outer edge of the cover component. The cooperating engaging formations of the two rails are brought into engagement to span the sheet material, under tension in the frame assembly. The engagement provided by the ribs in the channel and clip formations facilitates tensioning of the sheet and resist the loss of tension over time. The sheet will preferably carry advertising graphics and/or pricing and is easily changeable when new content is required. The invention extends to a method of spanning such a sheet in a frame assembly.

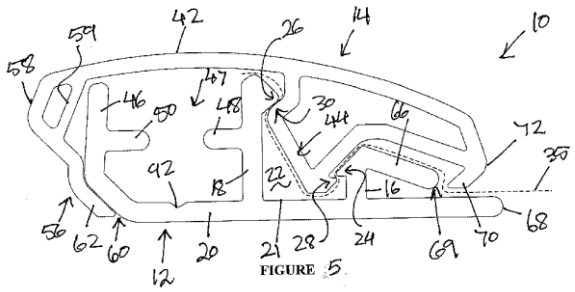


FIGURE 5

21: 2018/08091. 22: 2018/11/29. 43: 2019/05/20
51: A24F; H01M; H01R; H02J
71: PHILIP MORRIS PRODUCTS S.A.
72: DENDY, Charles, DIANA, Phillip, WEIGENSBERG, Isaac, CAO, Kai, COBLER, Patrick J, BUTLER, Paul
33: US 31: 15/224,608 32: 2016-07-31
54: ELECTRONIC VAPING DEVICE, BATTERY SECTION, AND CHARGER
00: -
There is provided a battery section (72) of an electronic vaping device (60), the battery section

(72) comprising a housing (6') extending in a longitudinal direction, the housing (6') having a first end and a second end. The battery section also comprises a power supply (1) in the housing (6') and a control circuit (200) in the housing (6'). The battery section (72) also comprises a conductive contact assembly (300) at the second end of the housing (6'), the contact assembly (300) electrically connecting the power supply (1) and the control circuit (200), the contact assembly (300) configured to receive external power and at least one command.

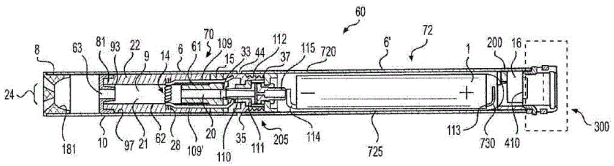


FIG. 2

21: 2018/08099. 22: 2018/11/29. 43: 2019/06/10
51: A01N; C07D; C07H
71: ST. JUDE CHILDREN'S RESEARCH HOSPITAL
72: SHARMA, Lalit Kumar, LEE, Richard E., ROCK, Charles O., JACKOWSKI, Suzanne, YUN, Mi Kyung, SUBRAMANIAN, Chitra, LIU, Jiuyu
33: US 31: 62/354,012 32: 2016-06-23
54: SMALL MOLECULE MODULATORS OF PANTOTHENATE KINASES
00: -
The present disclosure relates to chemical compounds that modulate pantothenate kinase (PanK) activity for the treatment of metabolic disorders (such as diabetes mellitus type II), neurologic disorders (such as pantothenate kinase-associated neurodegeneration), pharmaceutical compositions containing such compounds, and their use in treatment. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present invention.

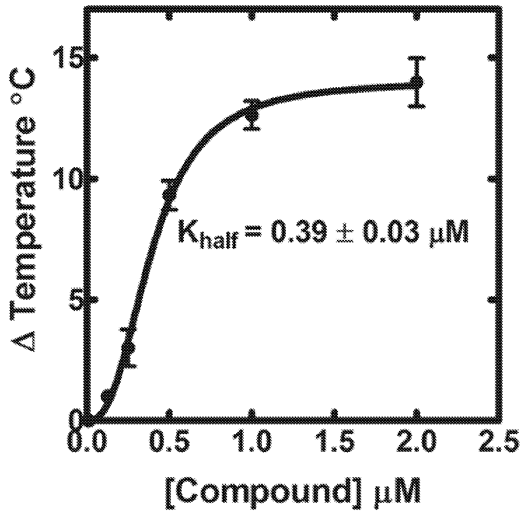


FIG. 1

21: 2018/08117. 22: 2018/11/30. 43: 2019/06/12
51: G01N
71: STELLENBOSCH UNIVERSITY
72: LOOS, Benjamin, DU TOIT, Andre, HOFMEYR, Jan Hendrik Servaas
33: ZA 31: 2016/03101 32: 2016-05-10
54: METHOD OF DETERMINING AUTOPHAGOSOME FLUX AND USES THEREOF
00: -
A method for measuring autophagosome flux is provided. The autophagosome pool size in a single cell is quantified, where the pool size is the total number of autophagosomes in the cell. Fusion between the autophagosomes and lysosomes in the cell is then inhibited. The autophagosome pool size is quantified over one or more time points after fusion has been inhibited, and the autophagosome flux is calculated as the initial rate of change of the autophagosome pool size at the time point after fusion has been inhibited. The method can be used to determine basal autophagosome flux, whether a cell is diseased or dysfunctional, or to diagnose a subject with a disease, disorder or dysfunction. The transition time, the time required to clear an autophagosome pool, can also be derived from the autophagosome flux. A molecule can also be characterized according to its ability to modulate autophagosome flux in a cell.

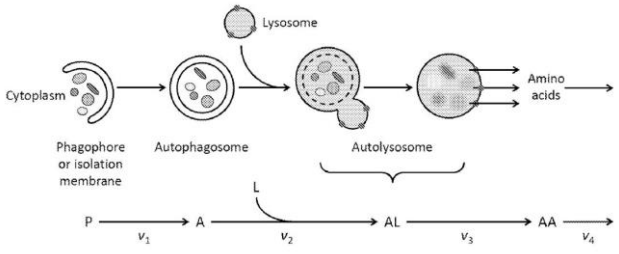
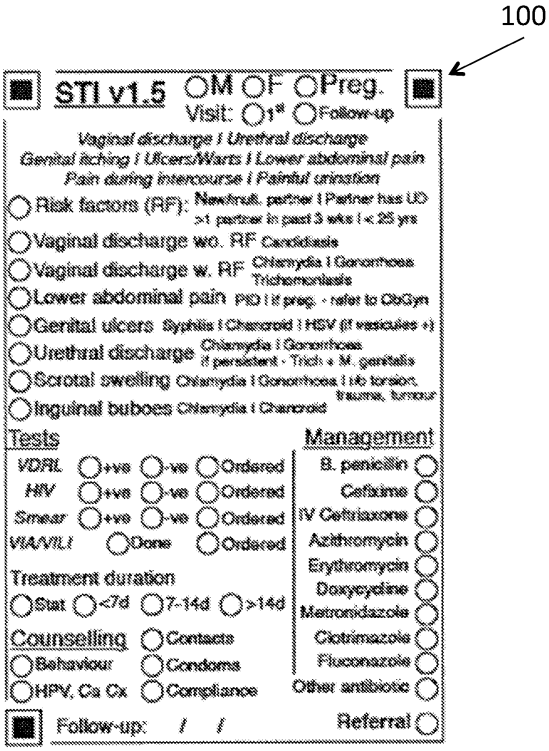


FIGURE 1

21: 2018/08119. 22: 2018/11/30. 43: 2019/06/12
51: G06F; G06Q
71: KUMAR, Pratap
72: KUMAR, Pratap
33: KE 31: KE/UM/2016/00657 32: 2016-06-02
54: METHOD AND DEVICE FOR PRODUCING AN ELECTRONIC HEALTH RECORD FROM PAPER
00: -
Although mobile technology has great potential for assisting a variety of activities in low-resource settings, there have been few successes at scale. Herein is provided an innovation that improves access and quality while considering the costs of healthcare. The innovation efficiently extracts digital information from paper-based records using low-cost and locally produced rubber stamps to improve adherence to clinical practice guidelines. By bringing down the costs of clinical audit, this innovation offers the potential for clinics in resource-limited settings to deliver high-quality care.

FIG. 2



21: 2018/08152. 22: 2018/12/03. 43: 2019/05/20
51: H01F; H02M
71: Eaton Intelligent Power Limited
72: SCHOONENBERG, Gerard Cornelis, MORSKIEFT, Johanna Maria Elisabeth
33: GB 31: 1720151.8 32: 2017-12-04
54: VOLTAGE TRANSFORMER
00: -
The invention relates to a voltage transformer comprising:- a body with primary windings and secondary windings coupled to each other by electromagnetic induction;- a measuring device electrically connected to the secondary windings via a first fuse; and- a relay having a coil and at least one pole with normally open contacts, wherein the contacts of the at least one pole are thrown by energizing the coil,wherein the coil is arranged in series with the primary windings andwherein the at least one pole with normally open contacts is arranged between the secondary windings via the first fuse in order to short-circuit the first fuse when the contacts are thrown.

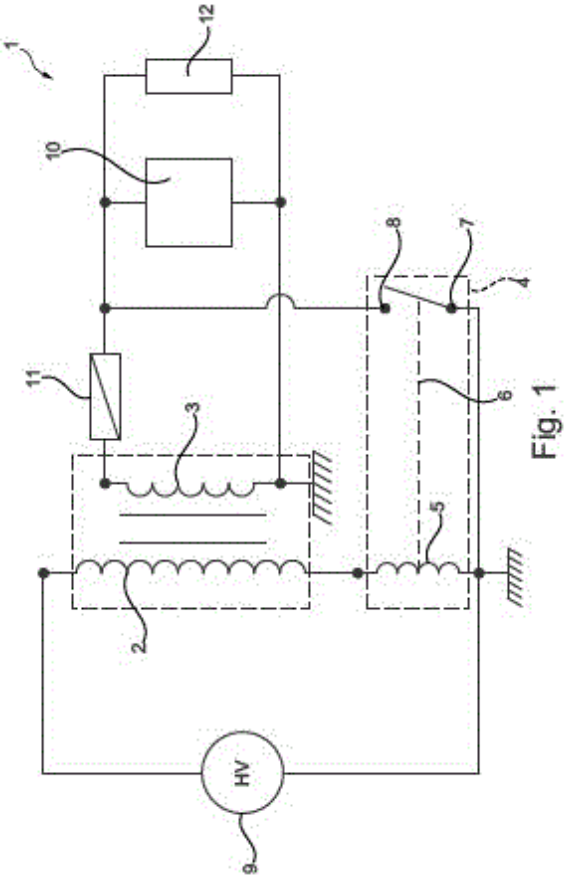


Fig. 1

21: 2018/08153. 22: 2018/12/03. 43: 2019/06/20
51: A61C
71: VAN WYK, Niel Colin
72: VAN WYK, Niel Colin
33: ZA 31: 2017/05986 32: 2017-09-04
54: ENDODONTIC DEVICE
00: -

An endodontic device includes: (i) an elongate housing defining opposing first and second ends, and a grip located intermediate the first and second ends; (ii) a chuck located at or near the first end of the housing, wherein the chuck is rotatably and/or reciprocally movable relative to the housing and defines a tool socket and has a retaining means for releasably retaining the shaping tool operatively received within the tool socket, thereby to enable rotation and/or reciprocation of a shaping tool with the chuck; (iii) a means for driving the chuck relative to the housing; (iv) a receptacle located at least partially within the housing, for operatively receiving a liquid or a liquid containing cartridge therein; (v) a means for energizing the endodontic device; (vi) a conduit having an inlet located at or near, and in fluid communication with the receptacle, and an outlet located at or near the chuck, for operatively ejecting liquid onto the shaping tool and/or the site of an endodontic procedure; (vii) a means for heating liquid before ejection thereof; and (viii) a heat insulative and/or reflective shield disposed between the heating means and the drive means, the shield being disposed at least partially about the heating means and the conduit and/or the receptacle, thereby to shield the drive means from heat generated by the heating means, and to focus and/or retain the heat generated by the heating means toward and/or within the conduit and/or receptacle.

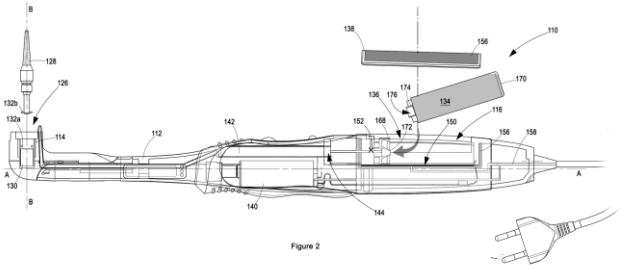


Figure 2

21: 2018/08169. 22: 2018/12/04. 43: 2019/06/20
51: A45D; B65D
71: COURTIN, Karine
72: COURTIN, Karine
33: FR 31: 16 55395 32: 2016-06-10
54: DEVICE FOR DISPENSING A FLUID PRODUCT
00: -

The invention relates to a device (10) for dispensing a fluid product, comprising a rigid cylindrical body (12) having a vertical main axis, a rigid piston (14) which is oriented essentially horizontally and which can slide vertically inside the body (12), and an upper extraction wall (24) which closes the upper end of the body (12). According to the invention, the body (12), the piston (14) and the upper wall (24) define a space (26) that is intended to be filled with the product to be dispensed. In addition, the upper wall (24) comprises a slotted cover (28) that can open in order to connect the space (26) to the exterior. The device is characterised in that the upper wall (24) is elastically deformable and can deform into the space (26) when a pressure is exerted manually on the upper wall (24), so as to

increase the pressure inside the space (26) and cause the slotted cover (28) to open.

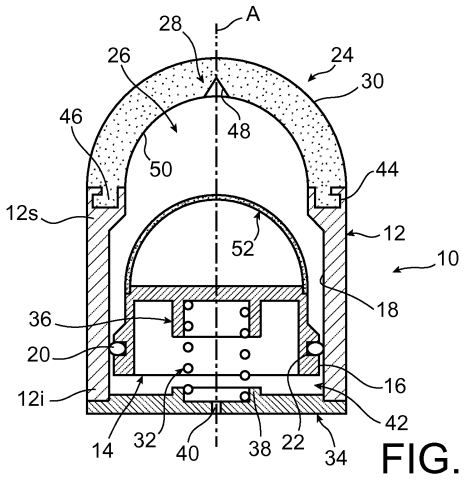


FIG. 1

21: 2018/08185. 22: 2018/12/04. 43: 2019/06/18
51: B01L
71: NANTONG UNIVERSITY
72: LIU, Zhan, PENG, Yuping, CHEN, Zhong, QIU, Yihua, CAO, Beibei

54: RECEIVING PLATE WITH MAGNETIC BASE FOR SUPER CLEAN BENCH

00: -

Provided is a receiving plate with a magnetic base for a super clean bench, wherein a side surface of a magnetic base (6) is a magnetic base attraction surface (4) for attracting the magnetic base to a vertical ferrous side board inside the super clean bench, a bottom surface (7) of the magnetic base is in contact with a bottom surface inside the super clean bench, an upper surface of the magnetic base (6) has a pillar chassis (3) fixedly mounted thereon, and a pillar (1) is arranged on the pillar chassis (3). A positioning lock is mounted on the pillar (1), and a horizontal receiving plate member sleeved on the pillar (1) and able to horizontally rotate on the pillar (1) is provided above the positioning lock. The horizontal receiving plate member comprises a connecting sleeve (18), the connecting sleeve (18) being used for sleeving the horizontal receiving plate member on the pillar (1) of the magnetic base and assisting with the large-angle movement of the receiving plate horizontal member in the horizontal direction, and the connecting sleeve (18) being connected to the receiving plate by means of a horizontal arm (15), and the receiving plate being provided with a frame 1 cm higher than a board surface of a board for placing received objects. The horizontal receiving plate member is formed of a thermoplastic elastomer material. The receiving plate member has a rational structure and a long service life, and is not susceptible to bacteria.

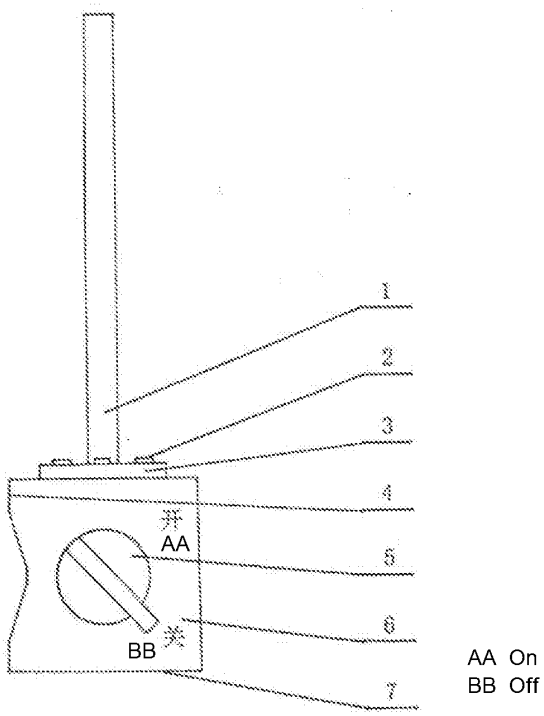


图 1

21: 2018/08188. 22: 2018/12/04. 43: 2019/06/18
51: B01L
71: NANTONG UNIVERSITY
72: LIU, Zhan, PENG, Yuping, CHEN, Zhong, QIU, Yihua, LU, Jianhua

54: TEST TUBE STAND AND RECEIVING PLATE UNIT WITH MAGNETIC BASE USED FOR SUPER CLEAN BENCH

00: -

Provided is a test tube stand and receiving plate unit with a magnetic base used for a super clean bench. The test tube stand and receiving plate unit comprises a magnetic seat (6) generating a magnetic attraction force. A side face of the magnetic seat (6) is a magnetic seat attraction face (4) for attracting the magnetic base onto a vertical side iron plate in the super clean bench, a bottom face (7) of the magnetic seat is in contact with a

bottom face in the super clean bench, an upright column base plate (3) is fixedly mounted on an upper surface of the magnetic seat, and an upright column (1) is disposed on the upright column base plate (3). An upper and a lower positioning lock are mounted on the upright column (1), and a receiving plate horizontal member and a test tube stand horizontal member, being sleeved over the upright column (1) and being horizontally rotatable on the upright column (1), are respectively disposed above the upper and lower positioning locks. The test tube stand and receiving plate unit with a magnetic base can solve the problem of placing test tubes of different specifications and the above-mentioned small laboratory devices in a super clean bench by using one stand, on the premise of taking up hardly any of a bench surface space of the super clean bench, and thereby facilitating fast, efficient and accurate scientific research experiment operations in the super clean bench.

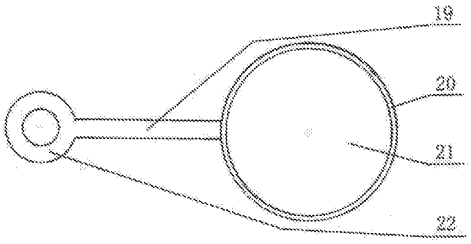


图 5

21: 2018/08189. 22: 2018/12/04. 43: 2019/06/18
51: B01L
71: NANTONG UNIVERSITY
72: LIU, Zhan, PENG, Yuping, LIU, Yina, QIU, Yihua, JIANG, Jianlan

54: STORAGE TRAY AND PIPETTOR STAND HAVING A MAGNETIC BASE FOR CLEAN BENCH

00: -

A storage tray and pipettor stand having a magnetic base for use with a clean bench, comprising a magnetic base (6) producing a magnetic attraction force, the sides of said magnetic base (6) being magnetic contact faces (4) that may adhere to vertical ferrous side plates inside the clean bench; the bottom (7) of the magnetic base is in contact with the bottom plate inside the clean bench; a vertical column base plate (3) is fixedly installed upon the upper surface of the magnetic base (6), and a vertical column (1) is arranged upon said vertical column base plate (3); an upper and a lower positioning lock are arranged upon said vertical column (1); above said upper and lower positioning locks are arranged respectively a level storage tray member and a level pipettor stand member, each sleeved upon said vertical column (1) and capable of level rotation around same. While occupying very little space inside a clean bench, the present storage tray and pipettor stand having a magnetic base resolve by means of a stand issues of orderly arrangement of small instruments and pipettors, thus facilitating the speed, efficiency and accuracy of research and experimentation operations within clean benches.

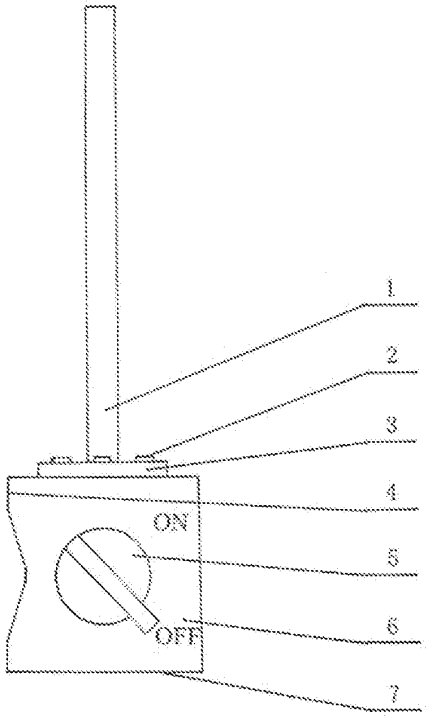


图 1

21: 2018/08190. 22: 2018/12/04. 43: 2019/06/18
51: B01L
71: NANTONG UNIVERSITY
72: LIU, Zhan, PENG, Yuping, FENG, Xingmei, QIU, Yihua, MA, Songhua

54: STORAGE TRAY AND SYRINGE STAND HAVING A MAGNETIC BASE FOR CLEAN BENCH

00: -

A storage tray and syringe stand having a magnetic base for use with a clean bench, comprising a magnetic base (6) producing a magnetic attraction force, the sides of said magnetic base being magnetic contact faces (4) that may adhere to vertical ferrous side plates inside the clean bench; the bottom (7) of the magnetic base is in contact with the bottom plate inside the clean bench; a vertical column base plate (3) is fixedly installed upon the upper surface of the magnetic base (6), and a vertical column (1) is arranged upon said vertical column base plate (3); an upper and a lower positioning lock are arranged upon said vertical column (1); above said upper and lower positioning locks are arranged respectively a level storage tray member and a level syringe stand member, each sleeved upon said vertical column (1) and capable of level rotation around same. Issues of orderly arrangement inside a clean bench of test tubes of various sizes and small instruments are resolved by means of a stand occupying very little space on the clean bench surface, thus facilitating the speed, efficiency and accuracy of research and experimentation operations within clean benches.

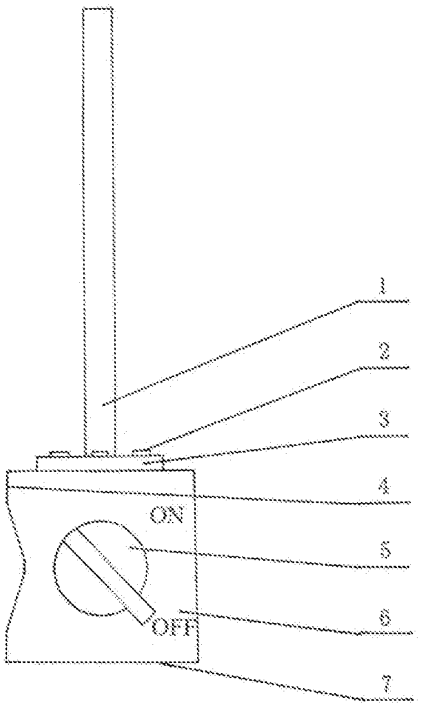


图 1

21: 2018/08191. 22: 2018/12/04. 43: 2019/06/20
51: B01L
71: NANTONG UNIVERSITY
72: LIU, Zhan, PENG, Yuping, SU, Jianyou, QIU, Yihua, WANG, Xiaoqin

54: STERILIZATION TRAY AND STORAGE TRAY HAVING A MAGNETIC BASE FOR CLEAN BENCH

00: -

A sterilization tray and a storage tray having a magnetic base for use with a clean bench, comprising a magnetic base (6) producing a magnetic attraction force, the sides of said magnetic base (6) being magnetic contact faces (4) that may adhere to vertical ferrous side plates inside the clean bench; the bottom (7) of the magnetic base is in contact with the bottom plate inside the clean bench; a vertical column base plate (3) is fixedly installed upon the upper surface of the magnetic base (6), and a vertical column (1) is arranged upon said vertical column base plate (3); an upper and a lower positioning lock are arranged upon said vertical column (1); above said upper and lower positioning locks are arranged respectively a level storage tray

member and a level sterilization tray member, each sleeved upon said vertical column (1) and capable of level rotation around same. While occupying very little space inside a clean bench, the present sterilization tray and storage tray having a magnetic base resolve by means of a stand issues of orderly arrangement of small instruments and sterilization by ultraviolet radiation of high-efficiency culture plates, thus facilitating the speed, efficiency and accuracy of research and experimentation operations within clean benches.

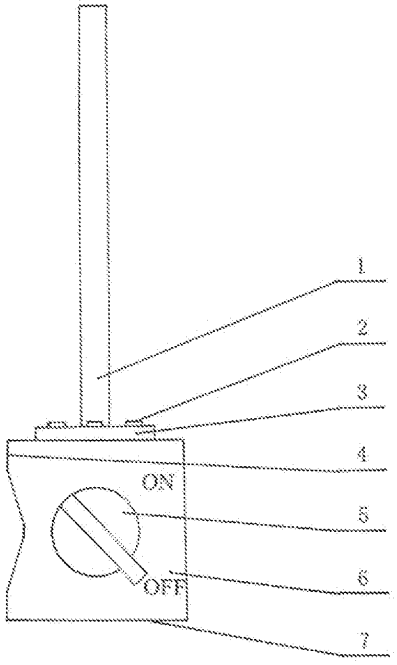


图 1

21: 2018/08192. 22: 2018/12/04. 43: 2019/06/18
51: D06F
71: NANTONG UNIVERSITY
72: HUANG, Huiwei, PENG, Yuping, QI, Xiaofeng, JIANG, Jianlan
33: CN 31: 201710216706.5 32: 2017-04-05

54: UNBALANCED LOAD-PREVENTION AND ANTI-WINDING DEVICE FOR USE WITH PULSATOR WASHING MACHINE

00: -

An unbalanced load-prevention and anti-winding device for use with a pulsator washing machine, comprising: a space dividing piece fixation column (4), four space dividing pieces (1) being arranged on the space dividing piece fixation column (4) in the circumferential direction; a lower edge (5) of a space dividing piece (1) is curved to match an outer side arc of a bottom portion of a washing tub, a water guiding hole (2) being arranged on the space dividing piece, while a grip (3) is arranged at an upper end of the space dividing piece fixation column (4). The unbalanced load-prevention and anti-winding device for use with a pulsator washing machine may prevent deformations or damage caused by clothes being over-wound, and reduce unbalanced loads of the pulsator washing machine during a spin-drying process.

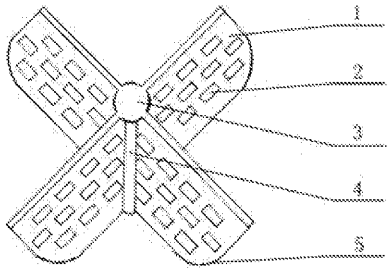


图 1

21: 2018/08193. 22: 2018/12/04. 43: 2019/06/19
51: D06F
71: NANTONG UNIVERSITY
72: CAO, Beibei, PENG, Yuping, ZHANG, Yilin, JIANG, Yongying
33: CN 31: 201710273188.0 32: 2017-04-25

54: METHOD FOR USING UNBALANCED-LOAD AND TANGLING PREVENTER FOR PULSATOR WASHING OF DIFFERENT DRUM DIAMETERS

00: -

A method for using an unbalanced-load and tangling preventer for pulsator washing machines of different drum diameters. Four space dividers (1) are provided in the circumferential direction on a space divider fixing column (4). The lower edges of the space dividers (1) are arcs matching an outer arc of the bottom part of a washing drum. Water guiding holes (2) are provided on the space dividers (1). The water guiding holes (2) are rectangular holes distributed on the space dividers (1) so as to allow a washing liquid to flow among divided spaces of the washing drum. A handle (3) is provided at the upper extremity of the space divider fixing column (4).One movable divider (6) is sleeved respectively on each space divider (1). Provided on the space dividers (1)

at the upper edges of the dividers are separator engaging grooves (5) for the placement of engaging pins used for fixing the positions of the movable dividers (6). The present method prevents laundry from deformation or even damage due to excessive tangling, reduces imbalance for a pusator washing machine during a spin-drying rotation process, and is specifically applicable in pulsator washing machines having washing drums of different diameters.

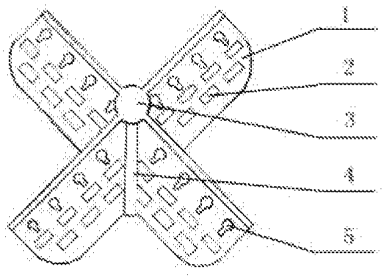


图 1

21: 2018/08205. 22: 2018/12/05. 43: 2019/06/21
51: A41D
71: PUMA SE
72: MILES, Baljinder Kaur, BENEYTO-FERRE, Jordi
54: GARMENT, ESPECIALLY SPORTS GARMENT
00: -
The invention relates to a garment (1), especially to a sports garment, comprising a textile substrate (2) which covers a part of the body of the wearer of the garment (1), wherein at least a section of the textile substrate (2) is coated with at least two different Phase Change Materials (3, 4), wherein a first Phase Change Material (3) is arranged which has a phase transition temperature between 27 °C and 29 °C, wherein a second Phase Change. Material (4) is arranged which has a phase transition temperature between 35 °C and 37 °C, wherein both of the Phase Change Materials (3, 4) are in thermal contact with at least one thermochromic dye. By doing so, an improved thermal regulation during sporting activities is obtained which can be controlled visually.

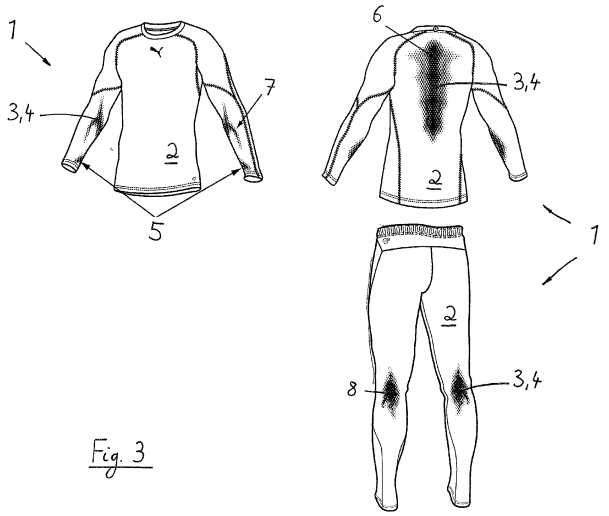


Fig. 3

21: 2018/08211. 22: 2018/12/05. 43: 2019/06/21
51: C23C
71: ARCELORMITTAL
72: Sergio PACE, Eric SILBERBERG, Dimitri WILDERS, Rémy BONNEMANN, Lucie GAOUYAT
33: WO 31: PCT/IB2016/054477 32: 2016-07-27
54: APPARATUS AND METHOD FOR VACUUM DEPOSITION
00: -
The invention relates to a vacuum deposition facility (1) for continuously depositing, on a running substrate, coatings formed from metal alloys comprising a main element and at least one additional element, the facility comprising a vacuum deposition chamber (2) and a means for running the substrate (5) through the chamber, wherein the facility further comprises: • - a vapor jet coater (3), • - an evaporation crucible (4) suited to feed the vapor jet coater with a vapor comprising the main element and the at least one additional element, • - a recharging furnace (9) suited to feed the evaporation crucible with the main element in molten state and capable of maintaining a constant level of liquid in the evaporation crucible, • - a feeding unit (11) suited to be fed with the at least one additional element in solid state and suited to feed the evaporation crucible with the at least one additional element indifferently in molten state, in solid state or partially in solid state. The invention also relates to a process for continuously depositing, on a running substrate, coatings formed from metal alloys comprising a main element and at least one additional element.

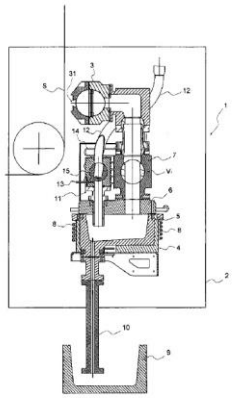


Figure 1

21: 2018/08227. 22: 2018/12/06. 43: 2019/06/21
51: G05B
71: SOFTCON SOFTWARE CONTROL SERVICES (PTY) LTD
72: LIEBENBERG, Mark, Thompson
33: ZA 31: 2017/08672 32: 2017-12-20
54: A SECURITY SYSTEM
00: -
A security system 10 comprises a controller 12 and a processor 14 for executing security software 16 that enables the controller to operate in a plurality of modes 18, namely a disabled mode 18.1, an enabled mode 18.2, a near mode 18.3, an inside mode 18.4 and a sleep mode 18.5. The controller further comprises a plurality of inputs 20 and a plurality of outputs 22. The software 16 enables the controller 12 to interpret a signal at a first of the plurality of inputs 20 as an intrusion signal when the controller is operating in a first of the plurality of modes 18. When the controller is operating in a second of the plurality of modes 18, the security software 16 enables the controller 12 to interpret the signal at the first of the plurality of inputs 20 as a mode changing command, so that the controller 12 changes from operating in the second of the plurality of modes to another of the plurality of modes 18.

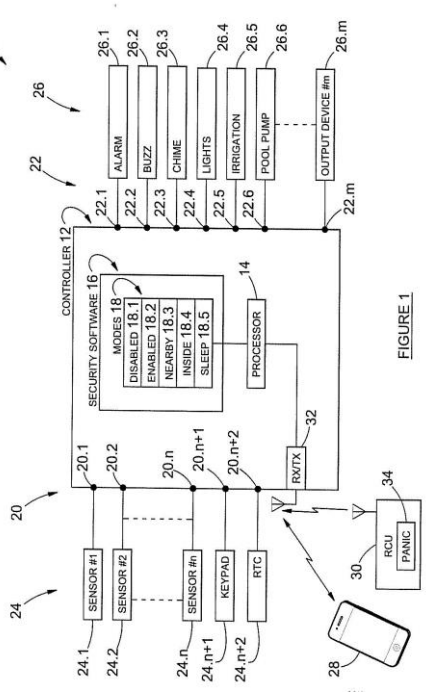


FIGURE 1

21: 2018/08235. 22: 2018/12/06. 43: 2019/06/21
51: B01D
71: BATTELLE MEMORIAL INSTITUTE
72: BLOHM, Kurt, PETERSON, Richard, LANE, Ann E. , WINECKI, Slawomir, ARGUMEDO, Darwin
33: US 31: 62/346,116 32: 2016-06-06
33: US 31: 62/467,858 32: 2017-03-07
54: MULTISTAGE OSMOTICALLY ASSISTED REVERSE OSMOSIS SYSTEM AND METHOD
00: -
Systems and processes for purifying and concentrating a liquid feed stream are disclosed. In the systems, the concentrated liquid output from the high pressure side of a reverse osmosis stage is used as the draw solution in the low pressure side of the reverse osmosis stage in a configuration called osmotically assisted reverse osmosis. This reduces the osmotic pressure differential across the membrane, permitting high solute concentrations to be obtained, hastening the purification of the liquid. Reduced system pressures are also obtained by arranging multiple osmotically assisted reverse osmosis stages in a cross-current arrangement. Overall system energy consumption is reduced compared to conventional thermal processes for high concentration streams.

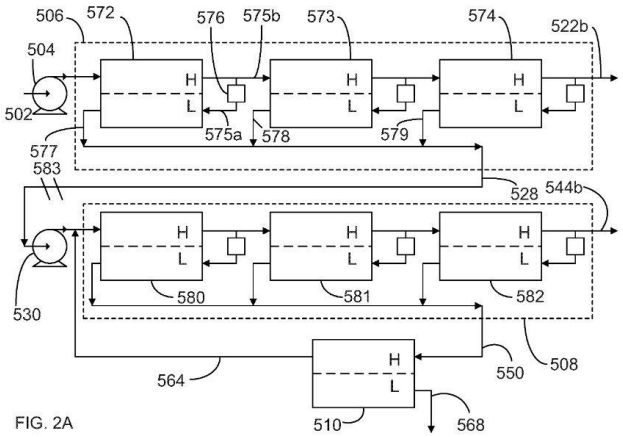
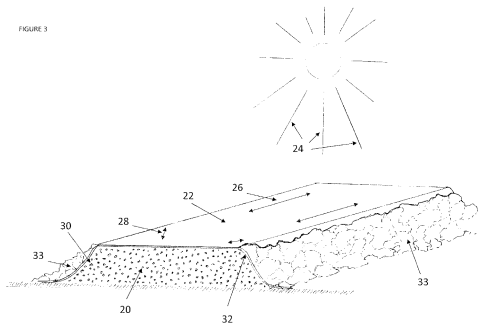


FIG. 2A

21: 2018/08237. 22: 2018/12/06. 43: 2019/06/21
51: A01G; B29C; B32B; C08J; C08K
71: TRENCHARD, Douglas Michael, TRENCHARD, Robert Charles
72: TRENCHARD, Robert Charles, TRENCHARD, Douglas Michael
33: AU 31: 2016901723 32: 2016-05-10
54: A SOLAR REACTIVE MULCH FILM
00: -
A solar reactive mulch film comprising one or more layers of heat shrink material pre-strained at a predetermined temperature and tension.
Immediately cooling the pre-strained layers retains molecular deformation stresses in the material which facilitate shrinkage but not expansion on exposure to solar radiation. The mulch film adapted to be laid over longitudinal growing beds and held tautly by burying its side edges in soil. Exposure of uncovered portions of film to solar radiation causes shrinkage in one or more directions whereby in combination with the weight of the soil holding it down, maintains tautness of the mulch over a growing period. Methods of manufacture and use of the same.



21: 2018/08271. 22: 2018/12/07. 43: 2019/06/21
51: B01L
71: NANTONG UNIVERSITY
72: LIU, Zhan, PENG, Yuping, GU, Hongmei, QIU, Yihua, HUANG, Huiwei
54: SUPER CLEAN BENCH-USED CONTAINING DISK AND PIPETTE STAND WITH MAGNET BASE
00: -
Disclosed are a super clean bench-used containing disk and pipette stand with a magnet base, wherein a magnetic seat (6) for generating an attractive magnetic force is provided, a side face of the magnetic seat (6) is a magnetic seat attraction face for attracting a magnetic base on a vertical iron sideboard of a super clean bench; a bottom face (7) of the magnetic seat is in contact with the bottom face of the super clean bench; a stand column chassis is fixedly installed on an upper surface of the magnetic seat, and a stand column is arranged on the stand column chassis; an upper and a lower positioning lock (13) are installed on the stand column, and a horizontal member (18) of the containing disk and a horizontal member of the pipette stand, which horizontal members are sleeved on the stand column and are capable of horizontally rotating on the stand column, are respectively arranged above the upper and lower positioning locks (13). Under the premise that there is almost no occupation of bench face space of a super clean bench, the problem of orderly placement of a small experimental apparatus and pipettes on a super clean bench is solved by means of a support, therefore facilitating quick, high-efficient and precise performance of a scientific research and experiment on the super clean bench.

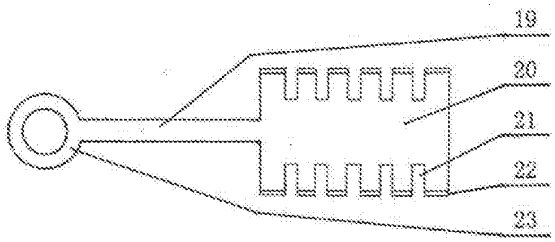


图 5

21: 2018/08275. 22: 2018/12/07. 43: 2019/05/14
51: A61K; C07K
71: HEXAL AG
72: KRONTHALER, Ulrich, TORELLA, Claudia

33: EP 31: 16179065.4 32: 2016-07-12
54: GLYCOPROTEIN WITH REDUCED ACETYLATION RATE OF SIALIC ACID RESIDUES
00: -
The present invention relates to a method or process of producing a glycoprotein that interacts with, or acts as an agonist to, the erythropoietin receptor (EpoR), which glycoprotein has modified efficacy, wherein the method or process comprises the heterologous expression of said glycoprotein in a suitable expression system, and wherein at least one step is provided that results in a reduced acetylation rate of sialic acid residues in the glycoprotein (Fig. 16).

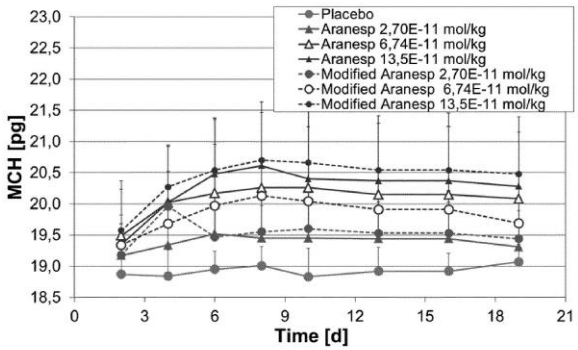


Fig. 16

21: 2018/08278. 22: 2018/12/07. 43: 2019/06/21
51: A45C
71: R.J. VAN GEER BEHEER BV
72: René Johan VAN GEER
33: NL 31: 2017082 32: 2016-06-30
33: NL 31: 2019150 32: 2017-06-29
54: KEY WALLET BUTTERFLY TYPE
00: -
Wallet comprising two shell halves which are associated by a rigid spine to open and close the wallet, and containing a bunch of keys, anchored to the wallet. The wallet is biased to the open position by a pre tensioned skin which covers windows in the two shell halves. The skin allows temporary outward bulging by elasticity, and immediately springs back into the initial unloaded state at the time the bulging load is removed.

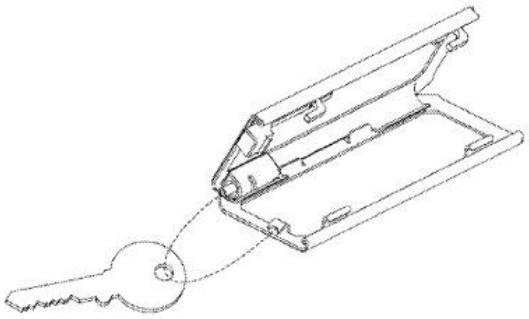


Fig. 4

21: 2018/08280. 22: 2018/12/07. 43: 2019/05/02
51: C08L A61K C08K E01C G01N
71: A.L.M. HOLDING COMPANY, ERGON ASPHALT & EMULSIONS, INC.
72: REINKE, Gerald, H., BAUMGARDNER, Gaylon, L., HANZ, Andrew
33: US 31: 62/385,905 32: 2016-09-09
33: US 31: PCT/US2016/037077 32: 2016-06-10
33: US 31: 62/385,899 32: 2016-09-09
54: CRUDE STEROL AS AN ADDITIVE IN ASPHALT BINDER
00: -
Disclosed are binders and methods for making such binders with crude sterols. The crude sterols improve various rheological properties of the binders.

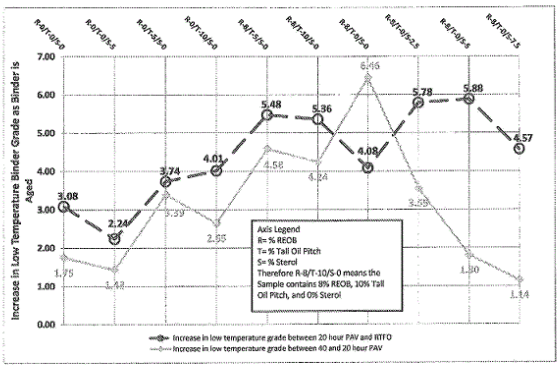
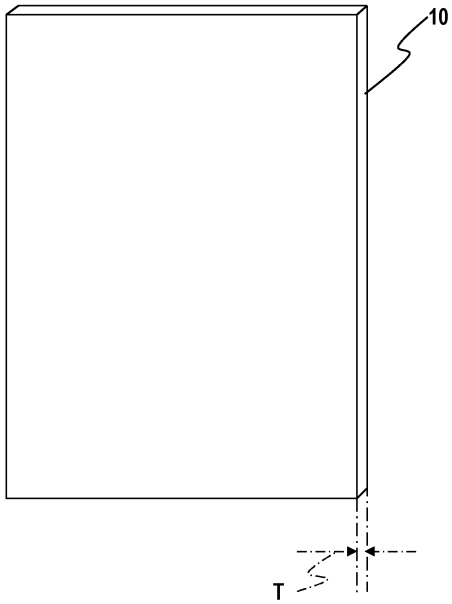


FIG. 11

21: 2018/08296. 22: 2018/12/07. 43: 2019/06/21
51: C04B; C08F
71: UNITED STATES GYPSUM COMPANY
72: VILINSKA, Annamaria, LI, Alfred, C., DUPUIS, Mario, TRIANTAFILLU, Iordana, LOISEAU, Francis

33: US 31: 62/339,383 32: 2016-05-20
33: US 31: 15/588,756 32: 2017-05-08
54: GYPSUM SLURRIES WITH LINEAR POLYCARBOXYLATE DISPERSANTS
00: -
A gypsum slurry includes water, a hydraulic component including calcium sulfate hemihydrate and a linear polycarboxylate dispersant. The linear polycarboxylate anionic dispersant includes a first monomeric repeating unit and a second monomeric repeating unit. The first repeating unit of the linear polycarboxylate dispersant is an olefinic unsaturated carboxylic acid repeating unit or salt thereof. The second repeating unit of the linear polycarboxylate dispersant is a vinyl sulfonate. The slurry can be made into a gypsum panel. Methods of making gypsum slurry and a gypsum panel are also disclosed.

FIG. 1



21: 2018/08310. 22: 2018/12/10. 43: 2019/06/21
51: B60L
71: MOOKETSI, Richard Tshepo
72: MOOKETSI, Richard Tshepo
33: ZA 31: 2017/08357 32: 2017-12-11
54: LIFT SYSTEM
00: -
A lift safety braking system including: (i) at least one guide; (ii) a car that is movable along the at least one guide; (iii) a cable connected to the car for drawing the car operatively upwards along the at least one guide; (iv) an event sensor for sensing a safety event; (v) at least one first electromagnet fixed in position along the at least one guide; (vi) an electrical power source; and (vii) a controller that provides electrical power to the first electromagnet when the event sensor senses a safety event, such that, should a safety event occur, descent of the car past the first electromagnet induces eddy current braking of the car.

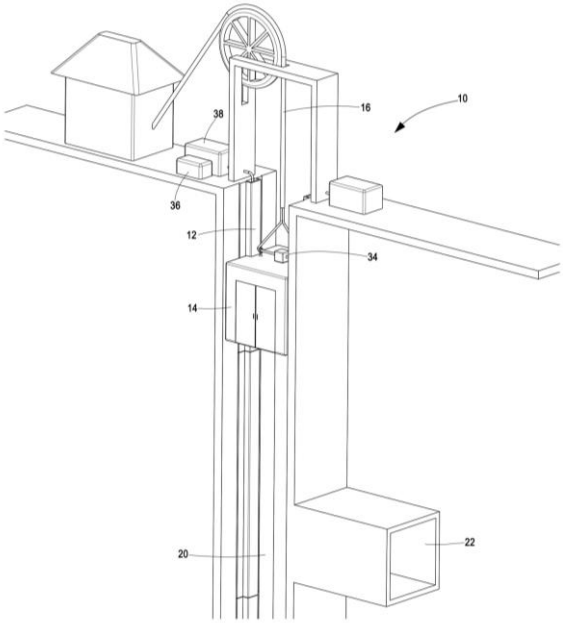


Figure 1

21: 2018/08322. 22: 2018/12/10. 43: 2019/06/14
51: F41A
71: NEXTER SYSTEMS
72: Steve BAERT, Virginie LAURENT
33: FR 31: 1600898 32: 2016-06-03
54: CANNON TURRET COMPRISING AT LEAST ONE AMMUNITION MAGAZINE, AND AMMUNITION CONTAINER FOR SUPPLYING A MAGAZINE OF SAID TYPE
00: -
The invention relates to a cannon turret (1) comprising a gun mount supporting a cradle that accommodates a weapon (4) and includes trunnions pivotally mounted in sockets (5) of the gun mount;

the turret comprises an ammunition feeding device which includes at least one ammunition magazine (6a, 6b) located laterally on the cradle, below one of the sockets (5), and which further includes at least one feeding canal (7a, 7b) for conducting the ammunition from the magazine to the weapon. The disclosed turret is characterized in that the magazine (7a, 7b) comprises at least one external canister (8a, 8b) which is secured to the gun mount and inside which at least one ammunition container (10) can be accommodated; the canister has a rear end with an opening (9a, 9b), and a closed front end; locking means are provided for blocking the container (10) in relation to the canister (8a, 8b). The invention also relates to a container that is to be accommodated in a canister of said type.

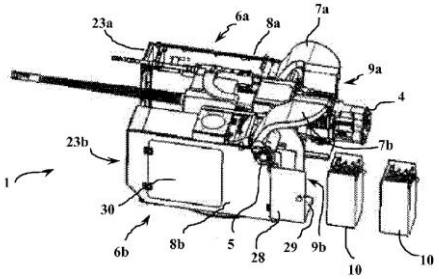


Fig.1b

21: 2018/08346. 22: 2018/12/11. 43: 2019/06/20
51: B01J; C10G
71: SASOL SOUTH AFRICA LIMITED
72: BOTHA, Jan Mattheus, MOODLEY, Denzil James, MOODLEY, Prabashini, POTGIETER, Jana Heloïse
33: ZA 31: 2016/05529 32: 2016-08-11
54: A COBALT-CONTAINING CATALYST COMPOSITION
00: -
The present invention relates to catalysts, more particularly to a cobalt-containing catalyst composition. The present invention further relates to a process for preparing a cobalt-containing catalyst precursor, a process for preparing a cobalt-containing catalyst, and a hydrocarbon synthesis process wherein such a catalyst is used. According to a first aspect of the invention, there is provided a cobalt-containing catalyst composition comprising cobalt and/or a cobalt compound supported on and/or in a silica (SiO_2) catalyst support wherein the average pore diameter of the catalyst support is more than 20 nm but less than 50 nm; the catalyst composition also including a titanium compound on and/or in the catalyst support, and a manganese compound on and/or in the catalyst support.

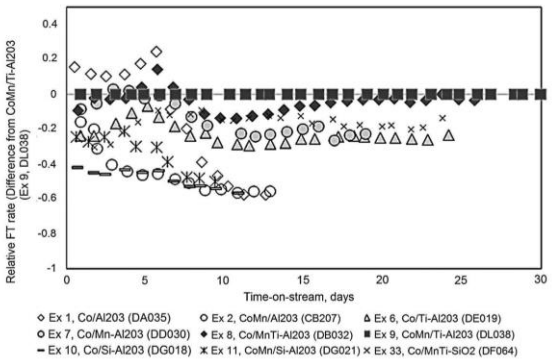


FIGURE 1

21: 2018/08369. 22: 2018/12/11. 43: 2019/06/27
51: C02F
71: COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH, UNIVERSITY OF VENDA
72: Jabulani Ray GUMBO , Tholiso NGULUBE, Vhahangwele MASINDI
33: ZA 31: 2017/08355 32: 2017-12-11
54: METHOD OF REMOVING DYES IN WASTEWATER
00: -
The invention relates to a nanocomposite comprised of calcined cryptocrystalline magnesite ($MgCO_3$) and halloysite clay nanotubes for use in the removal of one or more anionic and/or cationic dyes in an aqueous solution, and a method of making such a nanocomposite. In addition, the invention further relates to a method of removal of one or more anionic and/or cationic dyes, including Direct Red 81 (DR81), Methylene Blue (MB), Crystal Violet (CV) and Methyl Orange (MO) in an aqueous solution.

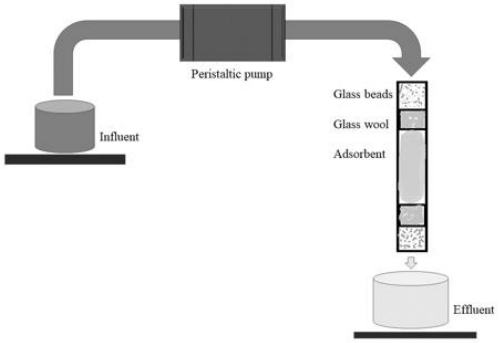


FIG. 1

21: 2018/08373. 22: 2018/12/11. 43: 2019/06/19
51: A63F
71: STELLENBOSCH UNIVERSITY
72: FOURIE, Pieter Rousseau, SWARTS, Romano
33: ZA 31: 2017/08360 32: 2017-12-11
33: ZA 31: 2018/02104 32: 2018-04-03
54: SCREENING FOR AND MONITORING A CONDITION
00: -
A computer-implemented method and system for screening for and monitoring a condition are provided. In a method conducted at a communication device a virtual environment is provided which is output to a user via one or more output components of the communication device. The user is required to interact with the environment by way of a series of instructions input into the communication device. The virtual environment includes a number of environment-based discriminators which, based on a user's interaction relative thereto, facilitate discrimination between a user with and without a condition. Data points relating to the user's interaction in relation to each of the number of environment-based discriminators are recorded and compiled into a payload including a user identifier. The payload is output for input into a machine learning component configured to discriminate between users with and without the condition by identifying patterns in the data points.

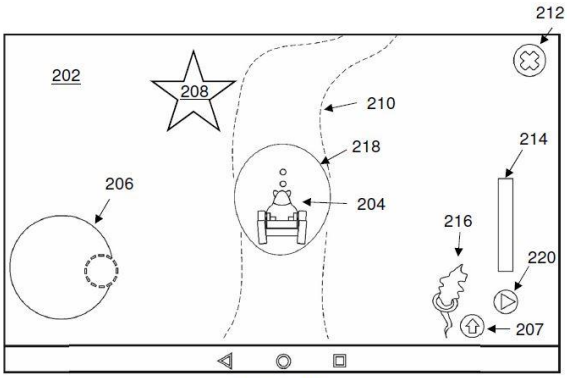


Figure 2A

21: 2018/08413. 22: 2018/12/13. 43: 2019/06/18
51: C01F
71: MINTEK
72: LAKAY, Eugene Marlin, YAHORAVA, Volha
33: ZA 31: 2017/07427 32: 2017-11-02
54: MODIFICATION OF PHOSPHOGYPSUM AND IMPROVED RECOVERY OF RARE EARTH ELEMENTS
00: -
A method of modifying a phosphogypsum waste which includes the steps of combining the phosphogypsum waste with water to form a slurry of a defined pulp density followed by heating the slurry to form a heated phosphogypsum slurry, keeping the phosphogypsum slurry at a set temperature for a defined period of time and allowing the heated solution to cool to form a modified phosphogypsum slurry.

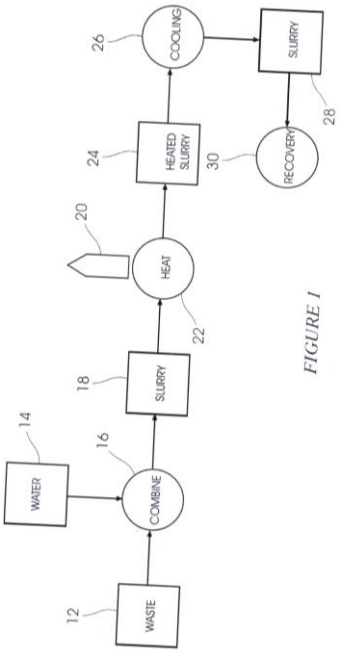


FIGURE 1

21: 2018/08472. 22: 2018/12/14. 43: 2019/06/19
51: H02J; G06Q
71: RAYNER, Dignan
72: RAYNER, Dignan
33: AU 31: 2016902353 32: 2016-06-15
54: RECHARGEABLE DEVICES AND KIOSKS FOR SAME
00: -
A system for enabling electrical devices to exchange either battery or battery fluids or reagents that supply the energy for the battery or device with new recharged batteries or battery fluids or reagents for use in equipment including vehicles, excavating and earthmoving equipment, tractors and agricultural equipment or aircraft, smaller devices such as mobile phones, telecommunication devices and portable computers. This system involves handling and billing systems to ensure this is all done and that satisfactory payment to the supplier parties is achieved. The system involves packaging reagents such as enzymes, anodes, gases, etc. in sealed systems in order to ensure their integrity or having control over the delivery and retrieval and internal use systems to ensure the reagent is kept secure and uncontaminated.

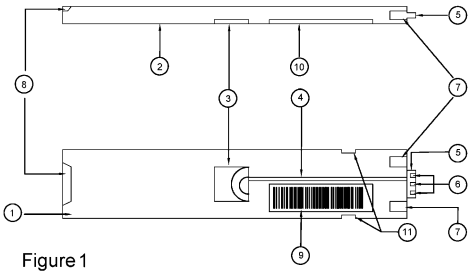


Figure 1

21: 2018/08475. 22: 2018/12/14. 43: 2019/06/19
51: B66D
71: SULZER HYDROMINING (PTY) LTD
72: MICHAEL JAMES MARTIN
33: ZA 31: 2016/04019 32: 2016-06-14
54: SCRAPER WINCH
00: -
This invention relates to a scraper winch for scraping broken rock or ore, especially in underground mining operations. There is provided a scraper winch to have a support frame with two drums mounted therein, each drum having its own variable speed drive.

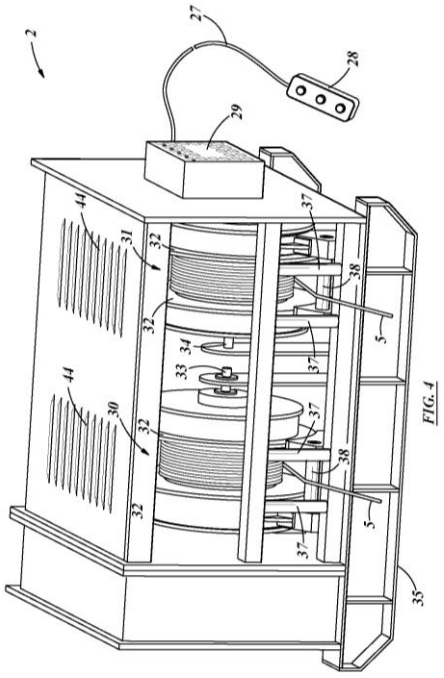


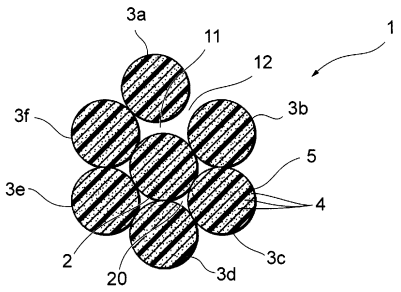
FIG. 4

21: 2018/08482. 22: 2018/12/14. 43: 2019/06/19
51: D07B
71: TOKYO ROPE MANUFACTURING CO., LTD.
72: HACHISUKA, Shunji, KOSE, Noriaki

54: SYNTHETIC FIBER CABLE

00: -

A carbon fiber cable (1) includes a core member (2) having multiple thermosetting-resin-impregnated carbon fibers (2) bundled together, and multiple side members (3) each having multiple thermosetting-resin-impregnated synthetic fibers (4) bundled together in each side member. The thermosetting resin (5) is in a cured state and each of the multiple side members (3) has been shaped utilizing curability of the resin. The shaped multiple side members (3) are each in such a state that they are twisted together around the core member (2).



21: 2018/08483. 22: 2018/12/14. 43: 2019/06/11
51: A01N; A01P
71: GLOBACHEM NV, KATHOLIEKE UNIVERSITEIT LEUVEN, VIB VZW
72: ZWARTS, Liesbeth Marie Renée, SNELLINGS, Yannick Maria, CALLAERTS, Patrick Frans Karel, DENRUYTER, Lieven
33: BE 31: 2016/5397 32: 2016-05-30

54: USE OF 9-TRICOSENE TO CONTROL DROSOPHILA SUZUKII

00: -

The present invention relates to the use of 9-tricosene as a pest control agent against Drosophila suzukii, where in 9-tricosene inhibits mating. The compound 9-tricosene can be used alone or mixed with other compounds in order to control Drosophila suzukii in a more efficient manner. In addition, this present invention provides the use of a dispenser and specific spraying methods with 9-tricosene.

21: 2018/08484. 22: 2018/12/14. 43: 2019/06/18
51: G06C; G06F; G06M
71: ABOUBAKR, Gasser
72: ABOUBAKR, Gasser
33: US 31: 62/336,752 32: 2016-05-16

54: SENSING SYSTEM FOR NUMERICAL REPRESENTATION

00: -

A sensing system for numerical representation is disclosed. The sensing system is comprised of optical sensors each of which provides output signal, a bar to hold the optical sensor, sliding objects to be slide over the bar to intersect with optical wave of the optical sensors; and a microprocessor to receive the output signals of the optical sensors and converts each unique combination of the output signals into an identifier representing a number.

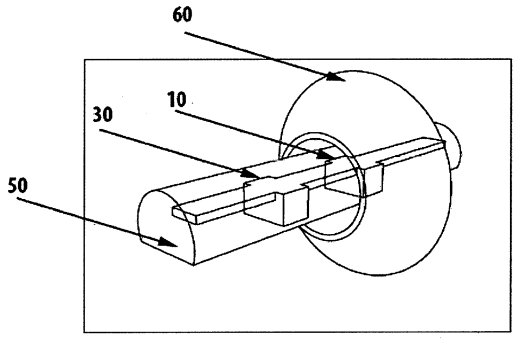


FIG. 4

21: 2018/08519. 22: 2018/12/18. 43: 2019/06/25
51: F41A
71: NEXTER SYSTEMS
72: Jean-Luc HASLER
33: FR 31: 1601180 32: 2016-08-01

54: DEVICE FOR LOCKING A SHELL AND STRETCHER COMPRISING SUCH A LOCKING DEVICE

00: -

The invention relates to a device (3) for locking a shell and to a stretcher (2) comprising said device. The device comprises a jaw (5) pivoting about an axis (6) for clamping the shell, a lower end (5b) of the jaw receives the shell (100) to allow it to close and comprises a notch (7) intended to interfere with a catch (11) of a cam (9) for retaining the jaw in the closed position. The cam is rigidly connected to a pivoting lever (10). The pivoting of the lever allows the catch to be moved clear from the path of the notch (7) to allow the jaw to open. The lever (10) is intended to be pivotally activated through the force of an external component. The device comprises a first spring (13) and a second spring (14) each acting on the lever in an opposing manner, the second

spring being stiffer than the first spring. The effect of the first spring is to lift the lever. The second spring counters the action of the first spring in order to delay the lifting of the lever and the catch when removing the component.

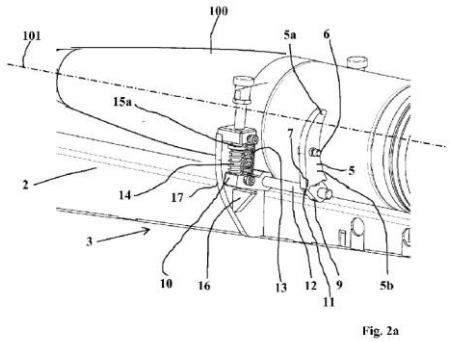
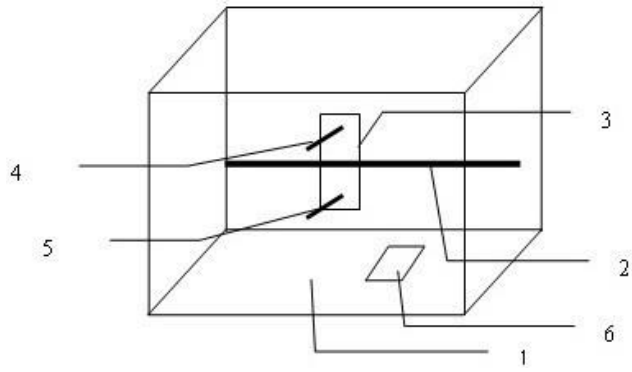


Fig. 2a

21: 2018/08546. 22: 2018/12/19. 43: 2019/06/24
51: H01H
71: North China University of Science and Technology
72: SUO, Yina, YANG, Aimin, TIAN, Guie, CUI, Liang, LIU, Yazhi
33: CN 31: 201711419099.9 32: 2017-12-25
54: UNIVERSAL REMOTE CONTROL SWITCH BOX
00: -
The invention discloses a universal remote control switch box, comprising a shell, a fixing device, a mobile device and a system on chip; a sliding rod is provided through the middle of the inside of the shell, the mobile device is sleeved on the sliding rod, driven by the stepping motor, moving horizontally; the upper of mobile device is connected to an upper telescopic rod, the lower is a lower one; the bottoms of two telescopic rods are fixedly connected at both ends of a rotating rod; the bottoms of two telescopic rods are made of magnet, with opposite magnetism; one end of each two offsetting springs is connected to the bottom of the telescopic rod, the other to the electromagnet; the system on chip is placed inside the shell with a Bluetooth, electrically connected to the motor and electromagnet. It can be used by sleeving without changing the original switch panel structure; one universal remote control switch box can be used in different switch panels, convenient and cost-saving.



21: 2018/08554. 22: 2018/12/19. 43: 2019/06/24
51: A61K; A61L
71: LIDEN, Brock, BROWN, Spencer
72: LIDEN, Brock, BROWN, Spencer
33: US 31: 62/348,698 32: 2016-06-10
54: SYSTEMS AND METHODS FOR TREATING A WOUND WITH A WOUND PACKING
00: -
Methods for treating a wound with a wound packing are discussed. While the wound packing can include any suitable component, in some cases, it includes a collection of multi-potent cells (e.g., cells from bone marrow, amniotic membrane tissue, amniotic fluid, stem cells, etc.), plasma (e.g., concentrated and/or platelet rich plasma), and collagen (e.g., native and/or organized reconstituted collagen). In some cases, the wound packing is gelled, coagulated, or otherwise hardened through the use of thrombin, calcium chloride, and/or another suitable additive. In some cases, the wound packing is shaped to substantially correspond to the wound's shape. While the wound packing can be used in any suitable manner, in some instances, it is applied to the wound, skin fragments are applied to the packing, the packing is secured to the wound, and/or the packing is covered with a protective barrier. Other implementations are also described.

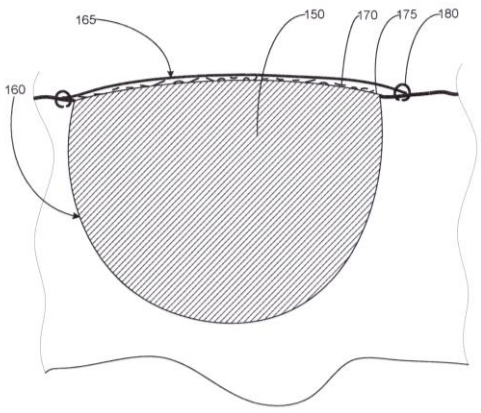


FIG. 4

21: 2018/08555. 22: 2018/12/19. 43: 2019/06/25
51: B65D
71: ANDREWS, Roland
72: ANDREWS, Roland
33: ZA 31: 2016/04668 32: 2016-07-08

54: A CONTAINER OPENING DEVICE, A CLOSURE ARRANGEMENT FOR A CONTAINER, AND A CONTAINER

00: -

The invention relates generally to containers, particularly to cans (14), for example, for beverages, to a container opening device (9), a container (14), a closure arrangement (12) for a container (14), and a blank for a container opening device (9). The container (14) is typically sealable and has closure (16) attachable thereto to seal the container (14), wherein the closure (16) has a peripherally weakened zone (20), or a partly peripherally weakened zone (20). The container opening device (9) comprises an actuator tab (22) operatively attachable to the closure (16) adjacent the zone (20) such that actuation of the actuator tab (22) between first and second positions causes shearing or detachment of the zone (20) from its weakened periphery thereby to provide an opening to an interior of the container (14), in use; and a pull member (10) attached or attachable to the actuator tab (22) to facilitate actuation of the tab (22) between the first and second positions. It will be understood that the container (14) and closure arrangement (12) comprise the device.

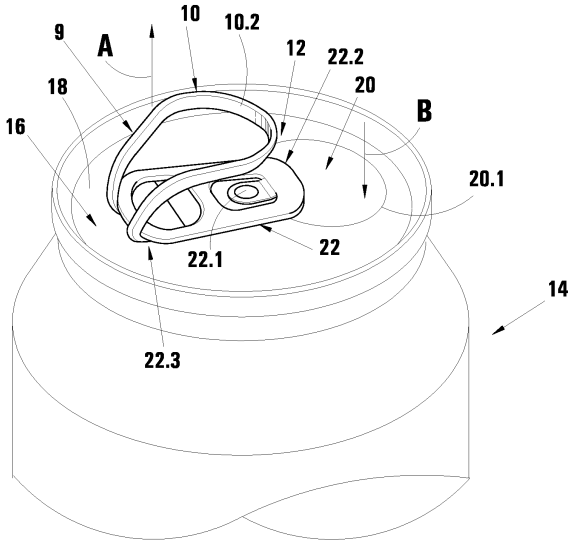


FIG 1

21: 2018/08556. 22: 2018/12/19. 43: 2019/06/25
51: D06F
71: NANTONG UNIVERSITY
72: HUANG, Yan, QIU, Yihua, JIANG, Wei, WANG, Xiaoqin
33: CN 31: 201710390690.X 32: 2017-05-27

54: EASILY STORED TWISTING-REDUCING AND ANTI-UNBALANCED LOAD DEVICE FOR USE IN WASHING MACHINE

00: -

An easily stored twisting-reducing and anti-unbalanced load device for use in a washing machine, comprising an upper insert and a lower insert; the upper insert comprises an upper insert frame (1), left and right nylon mesh (2) disposed in the upper insert frame (1), and an upper insert slot (3) disposed on the upper insert frame (1) between the left and right nylon mesh (2), and opening downwards; the lower insert comprises a lower insert frame (4), left and right nylon mesh (5) disposed in the lower insert frame (4), and a lower insert slot (6) disposed on the lower frame (4) between the left and right nylon mesh (5), and opening upwards; the upper and lower inserts are mutually inserted by means of the upper and lower insert slots (3, 6) to form a cross-shaped assembly. The present twisting-reducing and anti-unbalanced load device for use in a washing machine has a rational structure, is easy to store, and has good anti-unbalanced load functionality.

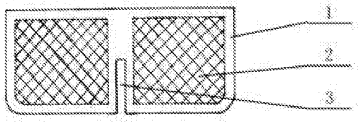


图 1

21: 2018/08557. 22: 2018/12/19. 43: 2019/06/25
51: D06F
71: NANTONG UNIVERSITY
72: MA, Songhua, QIU, Yihua, WANG, Ying, SHEN, Weixing
33: CN 31: 201710451286.9 32: 2017-06-15

54: METHOD FOR USING EASILY STORED TANGLE-REDUCING AND UNBALANCED LOAD-PREVENTION DEVICE HAVING ADJUSTABLE DIAMETER AND BEING USED WITH WASHING MACHINE

00: -

A method for using an easily stored tangle-reducing and unbalanced load-prevention device having an adjustable diameter and being used with a washing machine, the easily stored tangle-reducing and unbalanced load-prevention device having an adjustable diameter and being used with a washing machine comprising an upper insert and a lower insert; the upper and lower inserts are mutually inserted and connected by means of upper and lower insert slots so as to form a cross-shaped combined body; an adjustable separator is fixed, according to the size of the inner diameter of a washing tub, to separator adjusting positioning holes of the upper insert and separator adjusting positioning holes of the lower insert at different positions such that the size of the cross-shaped combined body matches the inner diameter of the washing tub.

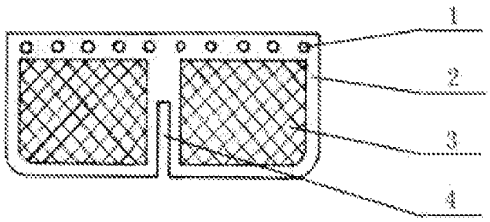


图 1

21: 2018/08596. 22: 2018/12/20. 43: 2019/06/25
51: B01D; F01N
71: ORBITAL AUSTRALIA PTY LTD
72: Nicholas COPLIN, Alex Arthur Milton CLARK, Trenton John HARVEY
33: AU 31: 2017905116 32: 2017-12-21

54: DIESEL PARTICULATE FILTER THERMAL MANAGEMENT SYSTEM

00: -

A thermal management system for use with a target region of a diesel particulate filter (DPF) system, the thermal management system comprising a first insulating media comprising a fluid configured to flow in a wall channel of a first component of the DPF system, the wall channel being configured to direct fluid flow into thermal communication of a first portion of the target region; a second insulating media comprising an insulating layer adapted for thermal insulation of a second component of the DPF system, the insulating layer configured to be in thermal communication of a second portion of the target region; the first and second media configured relative to the target region for facilitating a flow of thermal energy from the target region to one of the first or second media.

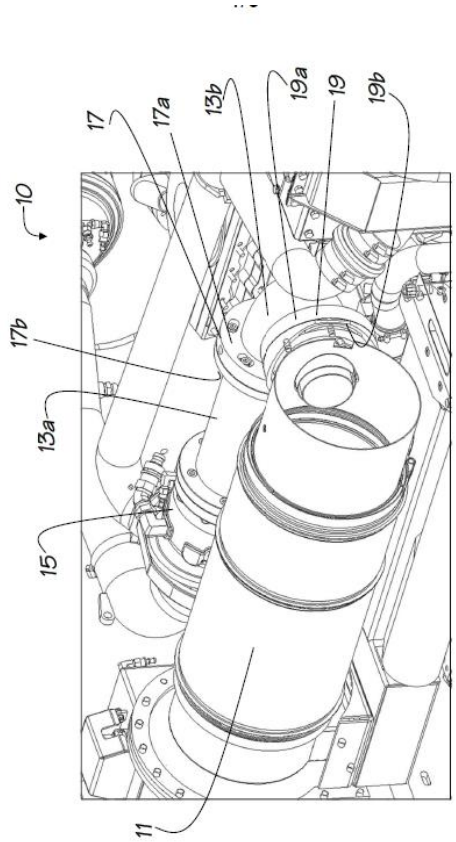


Figure 1

21: 2018/08605. 22: 2018/12/20. 43: 2019/06/24
51: B29C; G01N
71: EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H.
72: Sebastian SOCHOR, Florian SCHIEDER
33: AT 31: A50638/2016 32: 2016-07-18
54: METHOD AND DEVICE FOR ONLINE DETERMINATION OF THE VISCOSITY OF A POLYMER
00: -
The invention relates to a method and to a device for the online determination of the viscosity of a polymer which is being processed, in particular extruded, and is present in a paste-like to fluid form. The invention provides that for the online determination of the viscosity of the polymer (10) at least one batch of the polymer which is being processed is branched off and fed to the measuring volume (40) of a measuring unit (12), that, by applying a predetermined pressure to the batch, a predetermined volume of the respective batch is pressed out of the measuring volume (40), through a measuring nozzle (3) formed in the measuring unit, that the time period for the pressing out of the predetermined volume of the batch through the measuring nozzle (3) is measured, that these determined measured values are used to calculate the viscosity of the polymer, and that before the measuring volume (40) is filled with the polymer to be measured the measuring volume (40) is rinsed at least once with a quantity of the polymer to be processed.

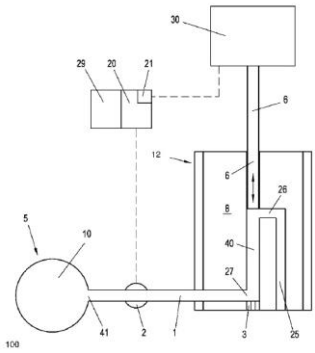


Fig. 1

21: 2018/08617. 22: 2018/12/20. 43: 2019/06/24
51: B65G
71: JOY GLOBAL UNDERGROUND MINING LLC
72: RIMMINGTON, Gareth
33: US 31: 62/348,378 32: 2016-06-10
54: CONVEYOR SYSTEM AND METHOD FOR REMOVING SLACK IN CONVEYOR
00: -
A method is provided for removing slack in a chain conveyor driven between a first sprocket and a second sprocket, the first sprocket and the second sprocket rotating in a first direction. The method includes: locking the second sprocket to prevent rotation of the second sprocket in a second direction opposite the first direction; operating the first sprocket in the second direction to position a slack portion between the first sprocket and the second sprocket; and removing at least one chain link from the slack portion.

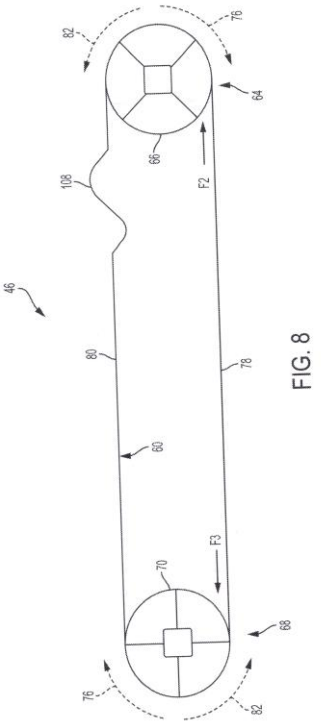


FIG. 8

21: 2019/01910. 22: 2017/01/19. 43: 2019/05/17
51: A61K
71: SUN YAT-SEN UNIVERSITY, THE JOHNS HOPKINS UNIVERSITY
72: HE, ZHIYU, CHEN, YONGMING, HUANG, HUAHUA, LIU, LIXIN, DA SILVA SANTOS, JOSE LUIS, MAO, HAIQUAN, LEONG, KAM WENG

54: THERAPEUTIC PROTEIN-LOADED NANOPARTICLE AND METHOD FOR PREPARING THE SAME

00: -

The present invention belongs to the technical field of nanomedicine, and relates to a method for preparing a therapeutic protein-loaded nanoparticle, as well as a therapeutic protein-loaded nanoparticle, a suspension and a pharmaceutical composition comprising the nanoparticle, and a pharmaceutical preparation comprising the nanoparticle, the suspension or the pharmaceutical composition. The present invention further relates to a use of the nanoparticle in manufacture of a pharmaceutical composition, wherein the pharmaceutical composition is useful in prevention or treatment of a disease that can be prevented or treated by the therapeutic protein comprised in the nanoparticle.

HYPOTHECATIONS

No records available.

JUDGMENTS

No records available.

OFFICE PRACTISE NOTICES

No records available.

3. DESIGNS

DESIGNS

APPLICATIONS FOR REGISTRATION OF DESIGNS IN TERMS OF ACT No. 195 OF 1993

The particulars appear in the following sequence: Copies of the application and representations cannot be supplied until application is registered and advertised. In all correspondence reference should be made to the number of the application.Application number, full name of applicant, class, articles to which design is to be applied and priority date (if any)

. - APPLIED ON 2019/06/24 -

A2019/00857 - CRABTREE SOUTH AFRICA (PTY) LTD. Class 13. ELECTRICAL SOCKET ASSEMBLIES

F2019/00860 - CRABTREE SOUTH AFRICA (PTY) LTD. Class 13. ELECTRICAL SOCKET ASSEMBLIES

. - APPLIED ON 2019/06/25 -

A2019/00867 - Bridgestone Europe NV/SA Class 12. TYRES AND TYRE TREADS

A2019/00861 - Rayshon (Pty) Ltd Class 06. MULTIMEDIA CABINET

A2019/00868 - HARTMAN, Lee Gavin Class 09. A CONTAINER

A2019/00864 - Rayshon (Pty) Ltd Class 20. MULTIMEDIA CABINET

A2019/00866 - Bridgestone Europe NV/SA Class 12. TYRES AND TYRE TREADS

A2019/00869 - HARTMAN, Lee Gavin Class 09. A CONTAINER

A2019/00859 - MILACRON LLC CONSOLIDATED CONTAINER COMPANY LP Class 09. CONTAINER

F2019/00862 - Rayshon (Pty) Ltd Class 06. MULTIMEDIA CABINET

F2019/00865 - Rayshon (Pty) Ltd Class 20. MULTIMEDIA CABINET

F2019/00858 - WILLIAMSON, ANNE Class 02. RESTRAINING GARMENT

. - APPLIED ON 2019/06/26 -

A2019/00872 - TOYOTA JIDOSHA KABUSHIKI KAISHA Class 12. FRONT BUMPER FOR AN AUTOMOBILE

A2019/00871 - TOYOTA JIDOSHA KABUSHIKI KAISHA Class 26. FRONT COMBINATION LAMP FOR AN AUTOMOBILE

A2019/00870 - TOYOTA JIDOSHA KABUSHIKI KAISHA Class 12. AUTOMOBILE

A2019/00873 - NISSAN JIDOSHA KABUSHIKI KAISHA (ALSO TRADING AS NISSAN MOTOR CO., LTD.) Class 12. AUTOMOBILE

. - APPLIED ON 2019/06/27 -

F2019/00875 - MULLINS, Philip Johan Class 25. SET OF PARTS FOR A BALUSTRADE

F2019/00874 - KIKI PRODUCTS (PTY) LIMITED Class 03. LUGGAGE BAG WITH FOLDABLE INNER POCKET

F2019/00877 - Kneepal (Pty) Ltd. Class 6. KNEELER

A2019/00876 - Kneepal (Pty) Ltd. Class 6. KNEELER

. - APPLIED ON 2019/06/28 -

A2019/00881 - UNILEVER PLC Class 09. AEROSOL DISPENSER

F2019/00878 - AVAX SA 407 CC Class 08. BATTEN SECURING ELEMENT

F2019/00882 - BOOTH-JONES, Patrick Anthony, DOUGLAS, Robin Alistair Class 25. SHUTTER (WITH RAIL)

A2019/00879 - UNILEVER PLC Class 9. AEROSOL DISPENSER

A2019/00883 - BOOTH-JONES, Patrick Anthony, DOUGLAS, Robin Alistair Class 25. SHUTTER (WITH RAIL)

A2019/00880 - UNILEVER PLC Class 9. AEROSOL DISPENSER

. - APPLIED ON 2019/07/01 -

F2019/00888 - SOLOMON MABEN Class 08. S.M SMART DOOR

F2019/00885 - HANNER, Darren Roy Class 23. FITTINGS

A2019/00884 - HANNER, Darren Roy Class 23. FITTINGS

. - APPLIED ON 2019/07/02 -

A2019/00887 - ALLBRO (PTY) LTD Class 13. DISTRIBUTION BOARD

F2019/00889 - ALLBRO (PTY) LTD Class 13. DISTRIBUTION BOARD

A2019/00886 - JUN YE Class 08. MATERIAL ON BAGS

F2019/00890 - ALLBRO (PTY) LTD Class 13. DISTRIBUTION BOARD

. - APPLIED ON 2019/07/03 -

A2019/00891 - FACEBOARD (PTY) LTD, HANSJURIE ZIETSMAN Class 21. EDUCATIONAL GAME CONSOL

A2019/00893 - Beiersdorf AG Class 9. DISPENSERS

F2019/00892 - FACEBOARD (PTY) LTD, HANSJURIE ZIETSMAN Class 21. EDUCATIONAL GAME CONSOLE

. - APPLIED ON 2019/07/04 -

A2019/00907 - MESO SCALE TECHNOLOGIES LLC. Class 24. RACK, COVER AND LABELS

A2019/00915 - MESO SCALE TECHNOLOGIES, LLC. Class 14. DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE

F2019/00896 - MESO SCALE TECHNOLOGIES, LLC Class 14. DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE

A2019/00914 - MESO SCALE TECHNOLOGIES, LLC. Class 14. DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE

A2019/00913 - MESO SCALE TECHNOLOGIES, LLC. Class 14. DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE

A2019/00912 - MESO SCALE TECHNOLOGIES, LLC. Class 14. DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE

A2019/00910 - MESO SCALE TECHNOLOGIES, LLC. Class 14. DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE

A2019/00911 - MESO SCALE TECHNOLOGIES, LLC. Class 14. DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE

A2019/00908 - MESO SCALE TECHNOLOGIES, LLC Class 24. RACK, COVER AND LABELS

A2019/00899 - MESO SCALE TECHNOLOGIES, LLC Class 24. INSTRUMENT

A2019/00901 - MESO SCALE TECHNOLOGIES, LLC. Class 24. INSTRUMENT

A2019/00898 - MESO SCALE TECHNOLOGIES, LLC. Class 14. DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE

A2019/00909 - MESO SCALE TECHNOLOGIES, LLC. Class 14. DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE

A2019/00897 - MESO SCALE TECHNOLOGIES, LLC. Class 14. DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE

A2019/00906 - MESO SCALE TECHNOLOGIES, LLC. Class 24. RACK, COVER AND LABELS

A2019/00903 - MESO SCALE TECHNOLOGIES, LLC. Class 24. RACK, COVER AND LABELS

A2019/00902 - MESO SCALE TECHNOLOGIES, LLC Class 24. INSTRUMENT

A2019/00900 - MESO SCALE TECHNOLOGIES, LLC. Class 24. INSTRUMENT

A2019/00904 - MESO SCALE TECHNOLOGIES, LLC Class 14. DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE

A2019/00916 - CREST Solar (Pty) Ltd Class 23. TOILET ENCLOSURE

F2019/00894 - CREST Solar (Pty) Ltd Class 23. TOILET ENCLOSURE

A2019/00895 - MESO SCALE TECHNOLOGIES, LLC Class 14. DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE

A2019/00905 - MESO SCALE TECHNOLOGIES, LLC Class 24. RACK, COVER AND LABELS

. - APPLIED ON 2019/07/08 -

F2019/00918 - KIRSTIN BARBARA DINHAM Class 24. VETERINARY SUPPORT

A2019/00917 - KIRSTIN BARBARA DINHAM Class 24. VETERINARY SUPPORT

A2019/00920 - ELIZABETH A. KRUGER Class 06. CUSHION (WRINKLE PREVENTER)

A2019/00919 - RESCA, Franco Class 22. THUMB REST FOR A FIREARM

. - APPLIED ON 2019/07/09 -

A2019/00921 - MARTELL & CO Class 9. BOTTLE

. - APPLIED ON 2019/07/10 -

A2019/00927 - LVMH Swiss Manufactures SA Class 10. CASES, DIALS AND ALL OTHER ACCESSORIES AND PARTS, FOR WATCHES

A2019/00922 - JUN YE Class 03. BAGS

F2019/00924 - SCHRÉDER S.A. Class 14. ANTENNA SUPPORT FRAME

A2019/00929 - LOO AFRIQUE (PTY) LTD Class 23. SINK AND CISTERN ARRANGEMENT

F2019/00931 - LOO AFRIQUE (PTY) LTD Class 23. SINK AND CISTERN ARRANGEMENT

F2019/00933 - ENERGIDROP (PTY) LTD Class 09. DELIVERY CONTAINER

F2019/00936 - LOO AFRIQUE (PTY) LTD Class 23. WASH FACILITY AND URINAL ARRANGEMENT

A2019/00923 - SCHRÉDER S.A. Class 14. ANTENNA SUPPORT FRAME

F2019/00938 - ENERGIDROP (PTY) LTD Class 09. DELIVERY CONTAINER

A2019/00937 - ENERGIDROP (PTY) LTD Class 09. DELIVERY CONTAINER

F2019/00935 - ENERGIDROP (PTY) LTD Class 09. DELIVERY CONTAINER

A2019/00928 - LVMH Swiss Manufactures SA Class 32. GRAPHICS

A2019/00934 - ENERGIDROP (PTY) LTD Class 09. DELIVERY CONTAINER

A2019/00930 - LOO AFRIQUE (PTY) LTD Class 23. WASH FACILITY AND URINAL ARRANGEMENT

A2019/00932 - ENERGIDROP (PTY) LTD Class 09. DELIVERY CONTAINER

A2019/00925 - Turlen Holding SA Class 10. WATCHES

A2019/00926 - LVMH Swiss Manufactures SA Class 10. CASES FOR WATCHES

A2019/00939 - JJ Govender Class 25. GOOGLE PARK ARCHITECTURAL CONCEPT DESIGN

. - APPLIED ON 2019/07/11 -

F2019/00941 - EHLERS, Jan Gerhardus Class 25. SPACERS

A2019/00947 - TATA MOTORS LIMITED Class 12. VEHICLE

A2019/00945 - Polyoak Packaging (Pty) Ltd Class 09. SNAP-ON HANDLE

F2019/00946 - Polyoak Packaging (Pty) Ltd Class 09. SNAP-ON HANDLE

F2019/00944 - EHLERS, Jan Gerhardus Class 25. SPACERS

F2019/00940 - EHLERS, Jan Gerhardus Class 25. SPACERS

F2019/00942 - EHLERS, Jan Gerhardus Class 25. SPACERS

F2019/00943 - EHLERS, Jan Gerhardus Class 25. HOLDING MEMBERS

. - APPLIED ON 2019/07/12 -

F2019/00949 - BERKOWITZ, Isaac Justin, COMBRINK, Jan Rasmus Class 8. SUPPORT BRACKET FOR A ROPE

F2019/00948 - VERSAH, LLC Class 24. DRILL ENGINE

. - APPLIED ON 2019/07/15 -

A2019/00950 - UVEX ARBEITSSCHUTZ GMBH Class 16. SAFETY GOGGLE

A2019/01015 - FERNADO LENONYANE Class 25. SHOES

A2019/00952 - UVEX ARBEITSSCHUTZ GMBH Class 16. SAFETY GOGGLE

A2019/00951 - UVEX ARBEITSSCHUTZ GMBH Class 16. SAFETY GOGGLE

. - APPLIED ON 2019/07/16 -

F2019/00954 - Voltex (Proprietary) Limited Class 13. HEXAGONAL JUNCTION BOX

F2019/00955 - Voltex (Proprietary) Limited Class 13. HEXAGONAL JUNCTION BOX

F2019/00956 - Voltex (Proprietary) Limited Class 13. HEXAGONAL JUNCTION BOX

F2019/00953 - Voltex (Proprietary) Limited Class 13. HEXAGONAL JUNCTION BOX

F2019/00957 - Voltex (Proprietary) Limited Class 13. WALL BOX

. - APPLIED ON 2019/07/17 -

F2019/01012 - Voltex (Proprietary) Limited Class 13. WALL BOX

A2019/00963 - CONTROL CHEMICALS (PTY) LTD Class 23. FLOW MODIFYING COMPONENTS

A2019/00959 - MARTELL & CO Class 9. BOTTLE

F2019/00960 - CONTROL CHEMICALS (PTY) LTD Class 23. FLOW MODIFYING COMPONENTS

A2019/00961 - CONTROL CHEMICALS (PTY) LTD Class 23. FLOW MODIFYING COMPONENTS

F2019/00964 - CONTROL CHEMICALS (PTY) LTD Class 23. FLOW MODIFYING COMPONENTS

A2019/00967 - CONTROL CHEMICALS (PTY) LTD Class 23. FLOW MODIFYING COMPONENTS

F2019/00968 - CONTROL CHEMICALS (PTY) LTD Class 23. FLOW MODIFYING COMPONENTS

F2019/00970 - CONTROL CHEMICALS (PTY) LTD Class 23. FLOW MODIFYING COMPONENTS

F2019/00972 - Clarke's Crane and Grab Sales cc Class 12. GRAB COMPONENT

F2019/00962 - CONTROL CHEMICALS (PTY) LTD Class 23. FLOW MODIFYING COMPONENTS

A2019/00965 - CONTROL CHEMICALS (PTY) LTD Class 23. FLOW MODIFYING COMPONENTS

F2019/00966 - CONTROL CHEMICALS (PTY) LTD Class 23. FLOW MODIFYING COMPONENTS

A2019/00969 - CONTROL CHEMICALS (PTY) LTD Class 23. FLOW MODIFYING COMPONENTS

A2019/00971 - CONTROL CHEMICALS (PTY) LTD Class 23. FLOW MODIFYING COMPONENTS

A2019/00973 - Clarke's Crane and Grab Sales cc Class 12. GRAB COMPONENT

F2019/00974 - Clarke's Crane and Grab Sales cc Class 12. GRAB COMPONENT

F2019/00958 - NU-WAY CLEAN ENERGY (PTY) LTD Class 7. A BURNER AND STOVE ARRANGEMENT

. - APPLIED ON 2019/07/19 -

A2019/00985 - BRAY, ROBERT REGINALD Class 12. AIRCRAFT

F2019/00976 - APL Cartons (Pty) Ltd Class 09. CONTAINER

F2019/00978 - APL Cartons (Pty) Ltd Class 09. CONTAINER

F2019/00979 - ROCBOLT TECHNOLOGIES (PTY) LTD. Class 8. BOLTS

A2019/00980 - UNILEVER PLC Class 28. DEODORANT STICK

F2019/00977 - APL Cartons (Pty) Ltd Class 09. CONTAINER

A2019/00982 - BRAY, Robert Reginald Class 12. VEHICLE

F2019/00983 - Power Logic South Africa (Pty) Ltd Class 13. UNIT WITH POWER AND/OR DATA SOCKETS AND WIRELESS CHARGER FOR MOBILE DEVICE

F2019/00984 - BRAY, Robert Reginald Class 12. VEHICLE

F2019/00986 - BRAY, ROBERT REGINALD Class 12. AIRCRAFT

F2019/00975 - JOHANN PAUL HOLDT Class 15. MECHANICAL EQUIPMENT-SEEDS RECOVERY SYSTEM

A2019/00981 - UNILEVER PLC Class 28. DEODORANT CONTAINER

. - APPLIED ON 2019/07/22 -

A2019/00988 - HASSAN, Nadeem Class 25. WINDOW SCREEN

A2019/00991 - DESIGNS 101 (PTY) LTD Class 25. CONSTRUCTION ELEMENT

A2019/00993 - DESIGNS 101 (PTY) LTD Class 25. CONSTRUCTION ELEMENT

F2019/00994 - DESIGNS 101 (PTY) LTD Class 25. CONSTRUCTION ELEMENT

A2019/00989 - A J CHARNAUD & CO (PTY) LTD. Class 29. HOOD

F2019/00990 - LOUW, Jean-Pierre Class 23. PROTECTIVE COVER

F2019/00992 - DESIGNS 101 (PTY) LTD Class 25. CONSTRUCTION ELEMENT

F2019/00987 - HASSAN, Nadeem Class 25. WINDOW SCREEN

. - APPLIED ON 2019/07/23 -

A2019/00995 - SELLO IGNITIOUS LETSWELE Class 06. CLOTHANGER

A2019/00996 - MAN Truck & Bus SE Class 12. CABINS FOR VEHICLES

A2019/00997 - MAN Truck & Bus SE Class 12. CABINS FOR VEHICLES

A2019/00998 - MAN Truck & Bus SE Class 12. CABINS FOR VEHICLES

A2019/00999 - MAN Truck & Bus SE Class 12. CABINS FOR VEHICLES

A2019/01000 - MAN Truck & Bus SE Class 12. CABINS FOR VEHICLES

F2019/01007 - New Era Packaging (Bops) Pty Ltd Class 09. PACKAGING ARRANGEMENT

A2019/01002 - MAN Truck & Bus SE Class 12. CABINS FOR VEHICLES

A2019/01003 - MAN Truck & Bus SE Class 12. CABINS FOR VEHICLES

A2019/01004 - MAN Truck & Bus SE Class 12. CABINS FOR VEHICLES

A2019/01005 - SAMKELO NYAKAMBI Class 10. WATCH DIAL

A2019/01006 - SAMKELO NYAKAMBI Class 10. WATCH DIAL

A2019/01001 - MAN Truck & Bus SE Class 12. CABINS FOR VEHICLES

. - APPLIED ON 2019/07/24 -

A2019/01014 - ZWILLING J.A. Henckels AG Class 9. CONTAINERS

A2019/01008 - VECTOR IP, LLC Class 14. ICON

A2019/01011 - VECTOR IP, LLC Class 32. ICON

A2019/01013 - CHILLMEDICAL PTY LTD Class 24. CONNECTOR

A2019/01009 - VECTOR IP, LLC Class 14. ICON

A2019/01010 - VECTOR IP, LLC Class 14. ICON

. - APPLIED ON 2019/07/25 -

F2019/01020 - SMART LOCKING LOGIC (PTY) LTD Class 25. AN INNER LID FOR A MANHOLE ACCESS SYSTEM

A2019/01021 - AMADE, Dayn Miragy Zamana Class 12. INTERACTIVE TRAILER

F2019/01022 - AMADE, Dayn Miragy Zamana Class 12. INTERACTIVE TRAILER

A2019/01019 - ORION CORPORATION Class 24. INHALER

A2019/01017 - ORION CORPORATION Class 24. INHALER

A2019/01018 - ORION CORPORATION Class 24. INHALER

A2019/01016 - ORION CORPORATION Class 24. INHALER

. - APPLIED ON 2019/07/26 -

A2019/01024 - UNILEVER PLC Class 09. REVISED THREE-CHAMBER LAUNDRY CAPSULE

A2019/01023 - Hendrik Steytler Class 8. CYCLING NUMBER BOARD BRACKET

ASSIGNMENTS IN TERMS OF SECTIONS 30, 29-REGULATIONS 37, 38 AND 40

No records available

CHANGE OF NAME IN TERMS OF REGULATION 41

No records available

CHANGE OF ADDRESS FOR SERVICE REGISTERED

No records available

CHANGE OF ADDRESS FOR PROPRIETOR REGISTERED

No records available

APPLICATION FOR THE RESTORATION OF A LAPSED DESIGN UNDER SECTION 23 OF THE ACT

No records available

APPLICATION TO CORRECT AND/OR AMEND DESIGNS APPLICATION OR REGISTRATION

REPUBLIC OF SOUTH AFRICA

DESIGNS ACT, No. 195 OF 1993

APPLICATIONS TO CORRECT AND/OR AMEND DESIGNS APPLICATION OR REGISTRATION (SECTIONS 26, 27-REGULATION 41)

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS NOT YET OPEN FOR PUBLIC INSPECTION.THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART I. AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED

PART I

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION.THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART II. AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY BE INSPECTED AND MAY BE OPPOSED

PART II

Design No : A2017/01677
Applicant : Bridgestone Europe NV/SA
Class : 12
Article to which the Design is to be applied. TYRE TREADS

Date of lodgment: 2017-10-20
Reasons: That Sheet No. 9 requested with a Form D.12 filed on 16 March 2018, be amended to change the applicant's name to Bridgestone Europe NV/SA

Design No : A2017/01947
Applicant : USABCO INDUSTRIES PROPRIETARY LIMITED
Class : 07
Article to which the Design is to be applied. **Brushes for dustpans**

Date of lodgment: 2017-12-08
Reason: To correct the name of the proprietor to read: USABCO INDUSTRIES PROPRIETARY LIMITED

Design No : A2017/01948
Applicant : USABCO INDUSTRIES PROPRIETARY LIMITED
Class : 07
Article to which the Design is to be applied. Drinking Cups for Children

Date of lodgment: 2017-12-08
Reason: To correct the name of the proprietor to read: USABCO INDUSTRIES PROPRIETARY LIMITED

NOTICE OF REGISTRATION OF DESIGNS

Notice of registration of the designs mentioned below has been issued by the Registrar of Designs in terms of the Designs Act, 1993 (Act No. 195 of 1993)

INSPECTION OF DESIGNS

A design application, may after a notice of registration has been published, be inspected during office hours at the Designs Office, Pretoria, at a charge of R3, 00

COPIES OF DOCUMENTS

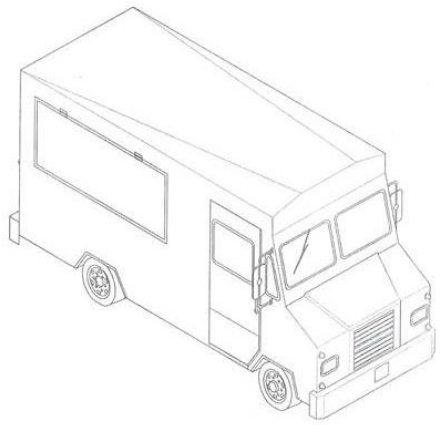
The Designs Office, Private Bag X400, Pretoria, supplies photocopies of all design documents at R1, 00 per page. (Payment to be affected by revenue stamps only.)

The numerical references denote the following: **(21)** Number of application. **(22)** Date of lodgement. **(23)** release date (if applicable). **(DR)** Date of registration. **(52)** Class. **(24)** Type of design. **(71)** Name(s) of applicant(s). **(33)** Country. **(31)** Number and. **(32)** Date of convention application. **(54)** Articles to which design is to be applied. **(57)** Brief statement of features.

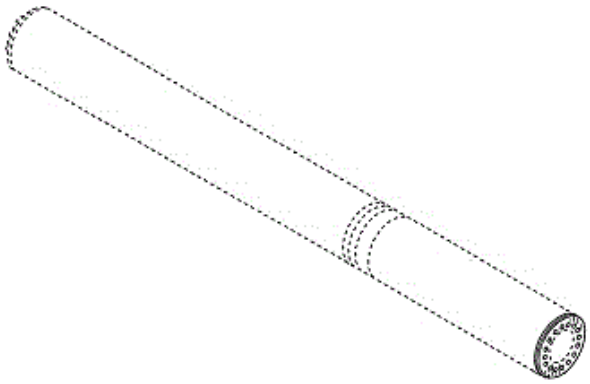
N.B.: Date of registration (DR) is either Date of lodgement (22) or Date of convention of application (32) whichever is the earlier.

Registrar of Designs

21: A2016/01124 22: 2016-08-05 23: 2016-02-05
43: 2019-06-04
52: Class 12 24: Part A
71: THE BOSTON TRUST
54: FOOD TRUCK
57: The novelty of the design resides in the shape or configuration of a food truck substantially as shown in the accompanying representations.



21: A2016/01306 22: 2016-09-08 23:
43: 2019-05-16
52: Class 27. 24: Part A
71: ALTRIA CLIENT SERVICES LLC
33: US 31: 29/557,503 32: 2016-03-09
54: Electronic Smoking Device
57: The design relates to an electronic smoking device. The features of the design are those of shape and/or configuration and/or ornamentation of the illustrated device. No protection is claimed for features depicted in broken outline.



PERSPECTIVE VIEW

21: A2017/01373 22: 2017-08-28 23:
43: 2019-07-19
52: Class 09 24: Part A
71: PHILLIMON KOPANO MATSHAKA
54: SIDE OPENING MOUTH 90 DEGREES
57: The side of mouth opening is an elongated can end that reaches into the body neck to position the opening on the side reflex at the top. Can gives easy access to the drink, the can end is about 90 lower than standard can end promotes beverage cans over other packaging material.



21: A2017/01438 22: 2017-09-05 23: 2017-09-05
43: 2019-07-08
52: Class 06 24: Part A
71: Matthew Justin Thorpe
54: FURNISHING GOODS IN PARTICULAR THE TEXTILE COMPONENTS OF FURNITURE AND MADE UP TEXTILE GOODS
57: The features for which design protection is claimed, lie in the pattern and/or ornamentation as applied to various furniture items, composite furniture items and made up textile goods, including without limiting the generality hereof, benches, couches, chairs, ottomans, cushions, curtains, table covers, table runners and bedspreads and related furniture and made up textile applications, the pattern being the same or similar as evidenced in the attached representation: the design only being applied to the textile portion of the furniture, made up textile, composite furniture or other article listed herein.

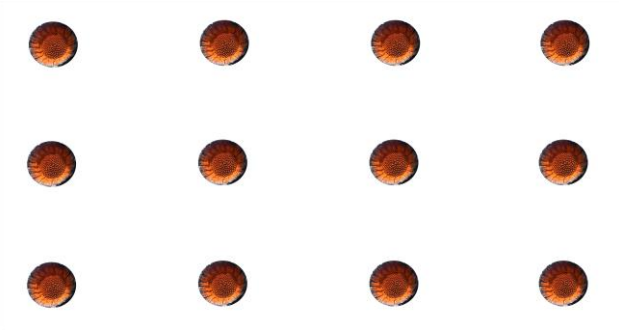


21: A2017/01439 22: 2017-09-05 23: 2017-09-05
43: 2019-07-08
52: Class 06 24: Part A
71: Matthew Justin Thorpe
54: FURNISHING GOODS IN PARTICULAR THE TEXTILE COMPONENTS OF FURNITURE AND MADE UP TEXTILE GOODS
57: The features for which design protection is claimed, lie in the pattern and/or ornamentation as applied to various furniture items, composite furniture items and made up textile goods, including without limiting the generality hereof, benches, couches, chairs, ottomans, cushions, curtains, table covers, table runners and bedspreads and related furniture and made up textile applications, the pattern being the same or similar as evidenced in the attached representation: the design only being applied to the textile portion of the furniture, made up textile, composite furniture or other article listed herein.

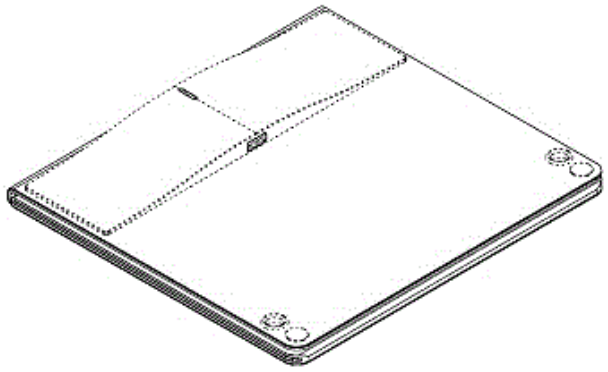


21: A2017/01440 22: 2017-09-05 23: 2017-09-05

43: 2019-07-08
52: Class 06 24: Part A
71: Matthew Justin Thorpe
54: FURNISHING GOODS IN PARTICULAR THE TEXTILE COMPONENTS OF FURNITURE AND MADE UP TEXTILE GOODS
57: The features for which design protection is claimed, lie in the pattern and/or ornamentation as applied to various furniture items, composite furniture items and made up textile goods, including without limiting the generality hereof, benches, couches, chairs, ottomans, cushions, curtains, table covers, table runners and bedspreads and related furniture and made up textile applications, the pattern being the same or similar as evidenced in the attached representation: the design only being applied to the textile portion of the furniture, made up textile, composite furniture or other article listed herein.



21: A2017/01910 22: 2017-12-04 23:
43: 2019-05-23
52: Class 13. 24: Part A
71: BEIJING HANERGY SOLAR POWER INVESTMENT CO., LTD.
33: CN 31: 201730218947.4 32: 2017-06-02
54: Electricity Generating Assembly
57: The design relates to an electricity generating assembly. The features of the design are those of shape and/or configuration and/or ornamentation.



PERSPECTIVE VIEW IN FOLDED STATE

21: A2017/01936 22: 2017-12-07 23:
43: 2019-05-23
52: Class 12. 24: Part A
71: NAVAL GROUP
33: EM 31: 004040160 32: 2017-06-09
54: Ship
57: The design relates to a ship. The features of the design are those of shape and/or configuration and/or ornamentation.



FRONT PERSPECTIVE VIEW

21: A2017/02024 22: 2017-12-20 23:
43: 2017-06-30
52: Class 12 24: Part A
71: Bayerische Motoren Werke Aktiengesellschaft
33: DE 31: 402017100780.0 32: 2017-06-30
54: MOTOR VEHICLES

57: The design is for a motor vehicle, specifically a five-door SUV, having a short front overhang, a long bonnet and wheelbase. The bonnet has six contour lines. The vehicle front has headlight units extending to a large twin kidney-shaped radiator grille that is brought together by an unbroken frame to form a single large element. An elongated air intake grille is provided in the lower section widening at both ends. The side is characterized by a swage line running below the door handles merging into the outline of the rear light and, in the lower section, by two lines emerging from a single spot in the front fender, bending and extending almost parallel to each other towards the rear. The rear is characterized by horizontal lines, sharp edges and L-shaped rear light clusters that are vertically divided into two parts, with the smaller part being integrated in the rear door.



Figure 1

Three-dimensional view

21: A2018/00171 22: 2018-02-07 23:
43: 2018-02-07
52: Class 9 24: Part A
71: Johnson & Johnson Consumer Inc.
54: CONTAINERS
57: The design is for a container. The container has a generally oval shaped body in transverse section with a flattened bottom, a sidewall, a shoulder and an annulus defining an opening. Opposing front and rear faces of the container each have a tear drop shaped formation with a border defined thereon. Linear formations are defined vertically along each side of the container and along the centre of the front and rear faces continuing underneath the bottom and onto the shoulder. Vertically oriented ovals are defined on each linear formation on the sides. Outwardly angled linear formations project from adjacent a top of the tear drop shaped formation to the shoulder.

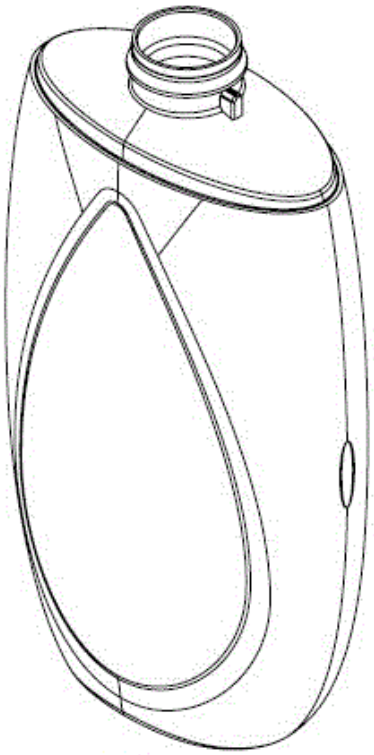


Figure 1

Three-dimensional view

21: A2018/00172 22: 2018-02-07 23:
43: 2018-02-07
52: Class 9 24: Part A
71: Johnson & Johnson Consumer Inc.
54: CONTAINERS
57: The design is for a container. The container has a generally oval-shaped body in transverse section with a flattened bottom and a cap that is flattened at the top. Opposing front and rear faces of the container each have a tear drop shaped formation with a border defined thereon. An upper surface of the cap also has a tear drop shaped formation defined thereon. Linear formations are defined vertically along each side of the container and along the centre of the front and rear faces continuing underneath the bottom and onto the shoulder. Vertically oriented ovals are defined on each linear formation on the sides. Outwardly angled linear formations project from adjacent a top of the tear drop shaped formation to the cap.

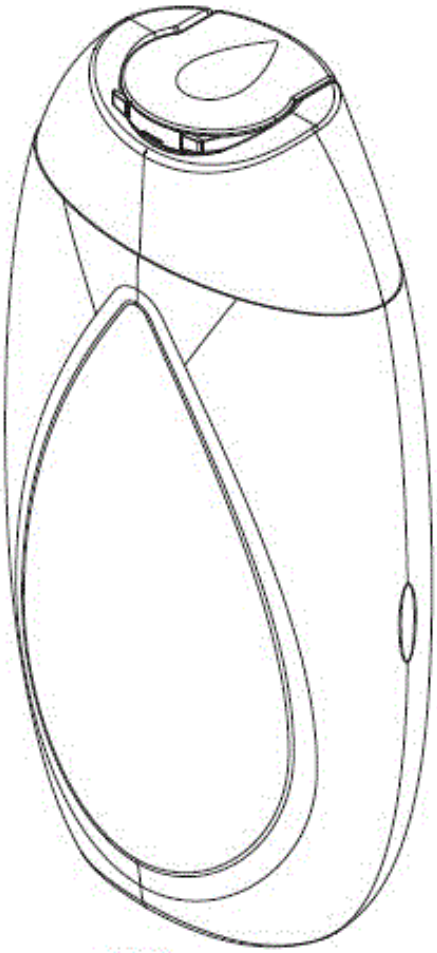


Figure 1

Three-dimensional view

21: A2018/00173 22: 2018-02-07 23:
43: 2018-02-07
52: Class 9 24: Part A
71: Johnson & Johnson Consumer Inc.
54: CONTAINERS
57: The design is for a container. The container has a generally oval shaped body in transverse section with a flattened bottom, a sidewall, a shoulder component, an elongate neck and a dispensing head. Opposing front and rear faces of the container each have a tear drop shaped formation defined thereon. An elongate aperture is defined through the body adjacent the tear drop shaped formations on the sidewall defining a handle. The dispensing head is in the form of a horizontally oriented tear drop and has a tear drop shaped formation defined on an upper surface thereof. Vertically oriented ovals are defined on sides of the container.

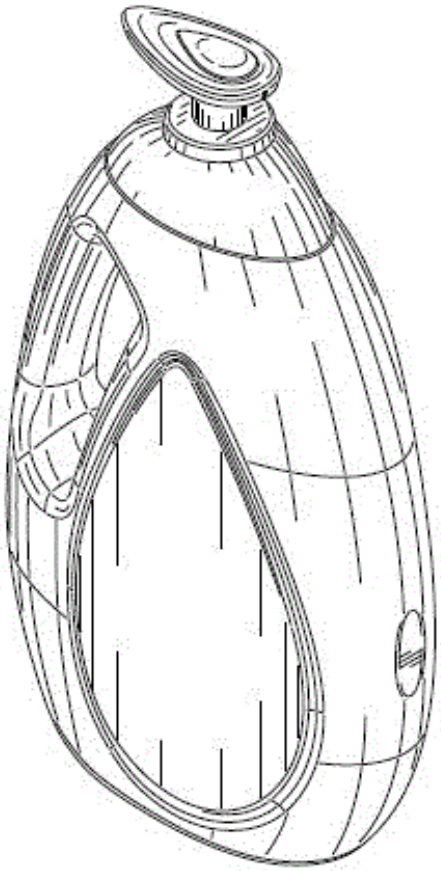


Figure 1

Three-dimensional view

21: A2018/00174 22: 2018-02-07 23:
43: 2018-02-07
52: Class 9 24: Part A
71: Johnson & Johnson Consumer Inc.
54: CONTAINERS
57: The design is for a container. The container has a generally oval shaped body in transverse section with a flattened bottom, a sidewall, a shoulder component, an elongate neck and a dispensing head. Opposing front and rear faces of the container each have a tear drop shaped formation defined thereon. The dispensing head is in the form of a horizontally oriented tear drop and has a tear drop shaped formation defined on an upper surface thereof. Vertically oriented ovals are defined on sides of the container.

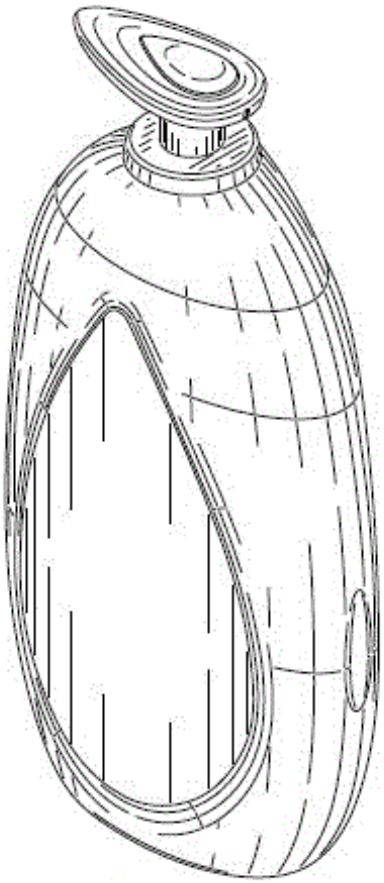


Figure 1

Three-dimensional view

21: A2018/00175 22: 2018-02-07 23:
43: 2018-02-07
52: Class 9 24: Part A
71: Johnson & Johnson Consumer Inc.
54: CONTAINERS
57: The design is for a container. The container has a generally oval shaped body in transverse section with a flattened bottom, a sidewall, a shoulder component, an elongate neck and a dispensing head. Opposing front and rear faces of the container each have a tear drop shaped formation defined thereon. The dispensing head is in the form of a horizontally oriented tear drop and has a tear drop shaped formation defined on an upper surface thereof. Vertically oriented ovals are defined on sides of the container.

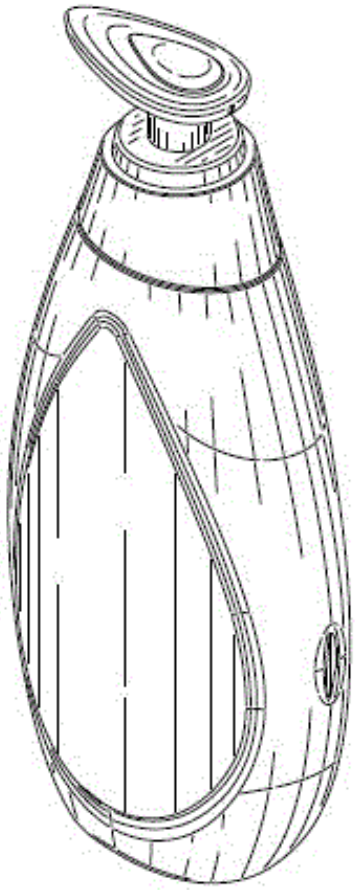


Figure 1

Three-dimensional view

21: A2018/00177 22: 2018-02-07 23:
43: 2018-02-07
52: Class 9 24: Part A
71: Johnson & Johnson Consumer Inc.
54: CONTAINERS
57: The design is for a container. The container has a generally oval shaped body in transverse section with a rounded top, a shoulder and an annulus defining an opening at a bottom of the container with a closure mounted over the shoulder and the opening. Opposing front and rear faces of the container each have a tear drop shaped formation defined thereon. A bottom outer surface of the closure also has a tear drop shaped formation defined thereon.

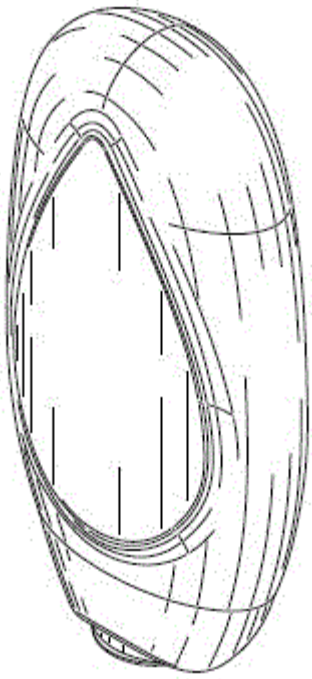


Figure 1
Three-dimensional view

21: A2018/00179 22: 2018-02-07 23:
43: 2018-02-07
52: Class 9 24: Part A
71: Johnson & Johnson Consumer Inc.
54: CONTAINERS
57: The design is for a container. The container has a generally oval shaped body in transverse section with a flattened bottom, a sidewall, a shoulder, an annulus defining an opening and a closure over the shoulder and opening, the closure having a flattened top surface. Opposing front and rear faces of the container each have a tear drop shaped formation defined thereon. The top surface of the closure also has a tear drop shaped formation defined thereon. Vertically oriented ovals are defined on the sides of the container.

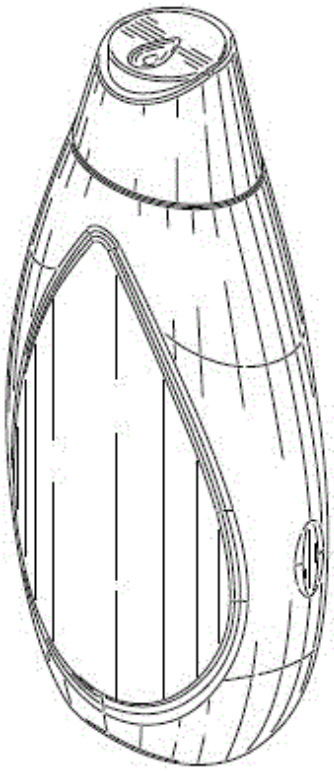


Figure 1
Three-dimensional view

21: A2018/00262 22: 2018-02-21 23:
43: 2017-08-22
52: Class 24 24: Part A
71: Essity Hygiene and Health Aktiebolag
33: EM(SE) 31: 004157873-0003 32: 2017-08-22
54: SANITARY TOWELS
57: A sanitary towel has a planar body comprising a middle portion and two oppositely located wing portions that flank the middle portion on either side thereof. The middle portion has oppositely located straight end edges connected to the wing portions by slanted side edges that give the middle portion an inwardly widening appearance. The portions are not of equal size, but both have slanted side edges, that narrow the wing portions inwardly, and rounded end edges. A central embossed patterned area is provided on a top surface of the body. The embossed pattern includes a heart shaped stippled pattern towards a first end of the patterned area and generally elliptical stippled patterns in the middle and towards a second oppositely located end of the patterned area.

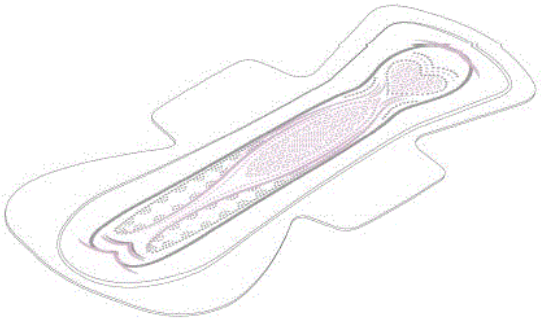


Figure 1

Three-dimensional view

21: A2018/00497 22: 2018-04-03 23:
43: 2017-10-02
52: Class 32 24: Part A
71: Chanel Limited
33: GB 31: 6019604 32: 2017-10-02
54: SURFACE PATTERNS
57: The design is for a repeating surface pattern comprising a diamond grid, which is formed from parallel pairs of dashed lines. Cells of the grid are diamond-shaped and cells in adjacent rows are offset. A first image comprising dashed lines defining symmetrical, ornamental, partially circular petal elements around a central circle is provided in each cell of alternating rows of the grid. A second image comprising a circular element formed from concentric dashed lines is provided in each cell of intermediate rows of the grid. Each circular element encloses an interlocking back-to-back “CC” monogram formed of dashed lines.



Figure 1

Face-on view

21: A2018/00498 22: 2018-04-03 23:
43: 2017-10-02
52: Class 32 24: Part A
71: Chanel Limited
33: GB 31: 6019605 32: 2017-10-02
54: SURFACE PATTERNS
57: The design is for a repeating surface pattern comprising a diamond grid, which is formed from parallel pairs of lines. Cells of the grid are diamond-shaped and cells in adjacent rows are offset. A first image comprising lines defining symmetrical, ornamental, partially circular petal elements around a central circle is provided in each cell of alternating rows of the grid. A second image comprising a circular element formed from concentric lines is provided in each cell of intermediate rows of the grid. Each circular element encloses a double line, interlocking back-to-back “CC” monogram.

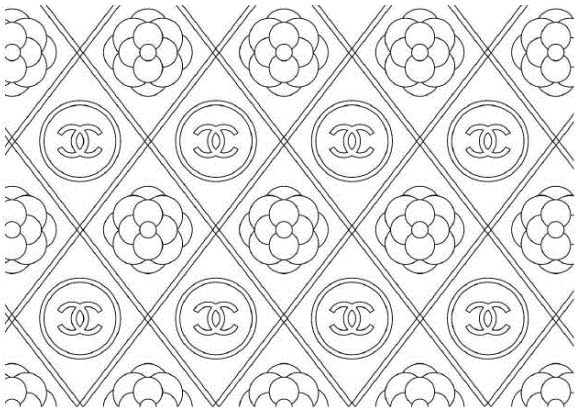


Figure 1

Face-on view

21: A2018/00499 22: 2018-04-03 23:
43: 2017-10-02
52: Class 32 24: Part A
71: Chanel Limited
33: GB 31: 6019606 32: 2017-10-02
54: SURFACE PATTERNS
57: The design is for a repeating surface pattern comprising a diamond grid, which is formed from parallel pairs of lines. Cells of the grid are diamond-shaped and cells in adjacent rows are offset. A first image comprising lines defining symmetrical, ornamental, partially circular petal elements around a central circle is provided in each cell of alternating rows of the grid. A second image comprising a circular element formed from concentric lines is provided in each cell of intermediate rows of the grid.

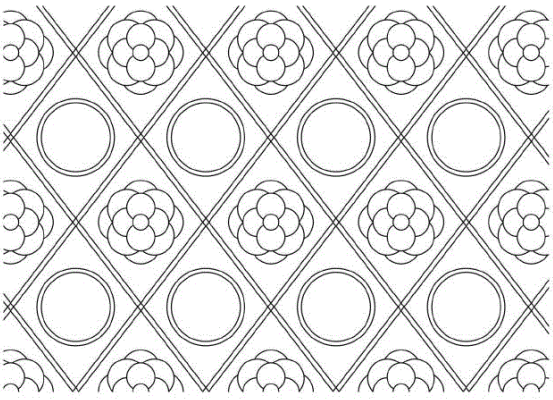


Figure 1

Face-on view

21: A2018/00500 22: 2018-04-03 23:
43: 2017-10-02
52: Class 32 24: Part A
71: Chanel Limited
33: GB 31: 6019607 32: 2017-10-02
54: SURFACE PATTERNS
57: The design is for a repeating surface pattern comprising a diamond grid, which is formed from parallel pairs of dashed lines. Cells of the grid are diamond-shaped and cells in adjacent rows are offset. A first image comprising dashed lines defining symmetrical, ornamental, partially circular petal elements around a central circle is provided in each cell of alternating rows of the grid. A second image comprising a circular element formed from concentric dashed lines is provided in each cell of intermediate rows of the grid.

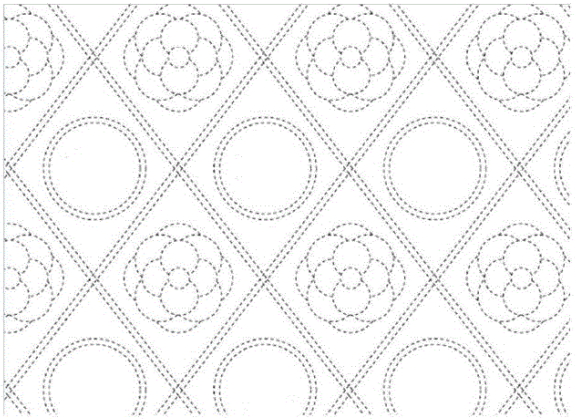


Figure 1

Face-on view

21: A2018/00501 22: 2018-04-03 23:
43: 2017-10-02
52: Class 32 24: Part A
71: Chanel Limited
33: GB 31: 6019608 32: 2017-10-02
54: SURFACE PATTERNS
57: The design is for a surface pattern comprising lines defining symmetrical, ornamental, partially circular petal elements around a central circle.

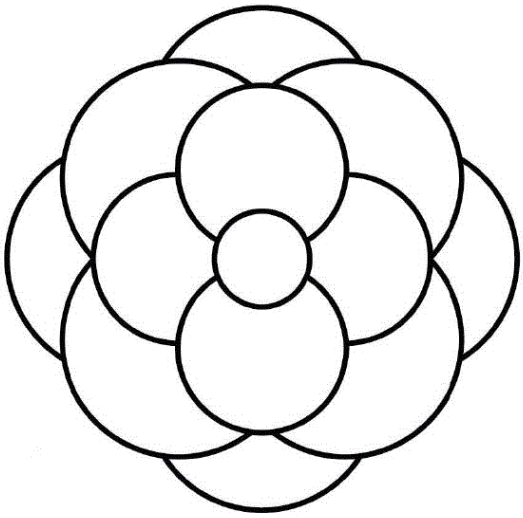


Figure 1

Face-on view

corners, and six shorter ribs, starting from the center of the hexagon and ending in six round protuberances at the edge of the hexagon.

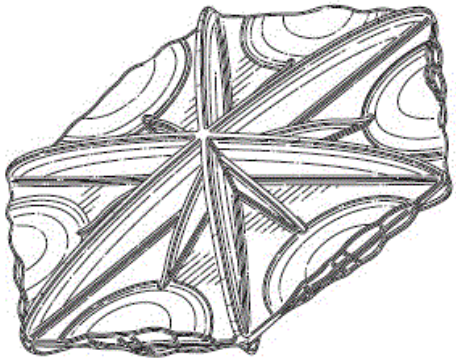


Figure 1

Three-dimensional view

21: A2018/00534 22: 2018-04-09 23:
43: 2019-06-04
52: Class 02 24: Part A
71: Shenai Bridglall
54: FOOTWEAR
57: The design relates to a FOOTWEAR. The features of the design are those of pattern and/or shape and/or configuration and/or ornamentation.



21: A2018/00589 22: 2018-04-19 23: 2017-10-20
43: 2017-10-20
52: Class 23 24: Part A
71: JT Cover
33: EM(DK) 31: 004415420-0001 32: 2017-10-20
54: COVERS
57: The design shows a hexagonal cover. The top and the bottom present six long ribs, starting from the center of the hexagon and ending in each of its

21: A2018/00627 22: 2018-04-24 23:
43: 2017-10-24
52: Class 27 24: Part A
71: British American Tobacco (Investments) Limited
33: EM(GB) 31: 004419653-0001 32: 2017-10-24
54: AEROSOL GENERATING DEVICES
57: The design is for an aerosol generating device which includes a body. The body is formed on the basis of a part of an ellipsoid in a variable width, smoothly narrowed from a middle towards a mouthpiece and a base, the base formed on the basis of an ellipse. A front of the device includes a recess.

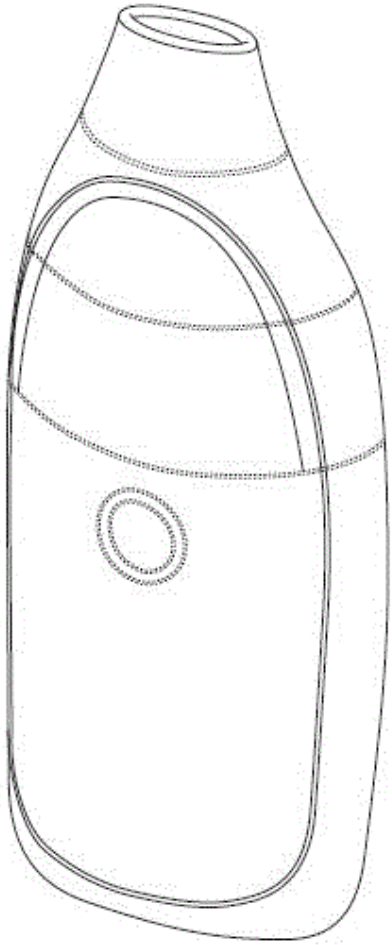


Figure 1
Three-dimensional view

21: A2018/00628 22: 2018-04-24 23:
43: 2017-10-24
52: Class 27 24: Part A
71: British American Tobacco (Investments) Limited
33: EM(GB) 31: 004419653-0004 32: 2017-10-24
54: AEROSOL GENERATING DEVICES
57: The design is for an aerosol generating device comprising a body formed on the basis of a part of an ellipsoid in a variable width, slightly narrowed from a middle to a top opening and a base. The base is formed on the basis of an ellipse. A rear wall defines a U-shaped recess.

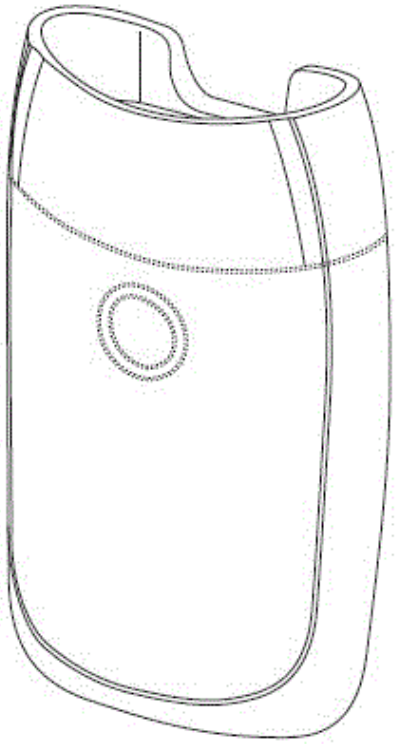


Figure 1
Three-dimensional view

21: A2018/00629 22: 2018-04-24 23:
43: 2017-10-24
52: Class 27 24: Part A
71: British American Tobacco (Investments) Limited
33: EM(GB) 31: 004419653-0005 32: 2017-10-24
54: AEROSOL GENERATING DEVICES
57: The design is for an aerosol generating device which includes a body. The body is formed on the basis of a part of an ellipsoid in a variable width, smoothly narrowed from a middle towards a mouthpiece and a base, the base formed on the basis of an ellipse. A front of the device includes a recess.

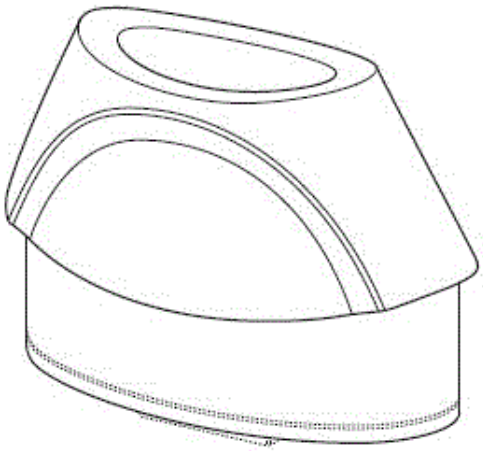


Figure 1
Three-dimensional view

21: A2018/00630 22: 2018-04-24 23:
43: 2017-10-24
52: Class 27 24: Part A
71: British American Tobacco (Investments) Limited
33: EM(GB) 31: 004419653-0006 32: 2017-10-24
54: AEROSOL GENERATING DEVICES
57: The design is for an aerosol generating device and in particular for a mouthpiece of the aerosol generating device. The mouthpiece has an upper part and a lower part. The upper part is formed on the basis of a truncated cone with an aperture in an elliptical configuration on a top side. Front and rear sides of the upper part have indentations. The lower part is based on an elliptic cylinder.

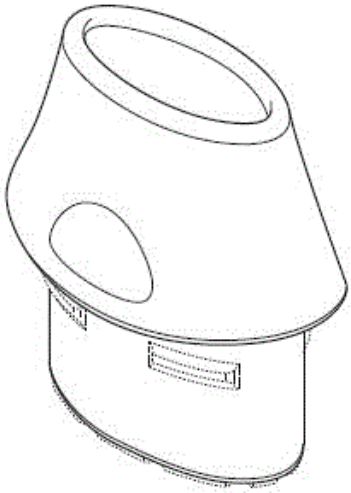


Figure 1
Three-dimensional view

21: A2018/00703 22: 2018-05-10 23:
43: 2017-11-13
52: Class 23 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/625,723 32: 2017-11-13
54: DISPENSERS
57: The design relates to a dispenser. The dispenser includes an elongate main body and a generally cylindrical member located adjacent to the main body. The main body and cylindrical member are attached to a front of a mounting frame. The mounting frame has raised front edges and a generally flat, vertical rear. The main body has an elliptical upper end and curves downwardly outwardly towards a rounded, open lower end. A dispensing arrangement is located in a cavity defined at the lower end. A transverse disc-shaped element protrudes from a central lower region of the main body, facing the cylindrical member. An angled stem extends downwardly forwardly from a lower rear edge of the main body, terminating in a generally oblong, horizontally oriented base projection. The cylindrical member has enlarged upper and lower portions. An elliptical element projects horizontally from a front of the lower portion.

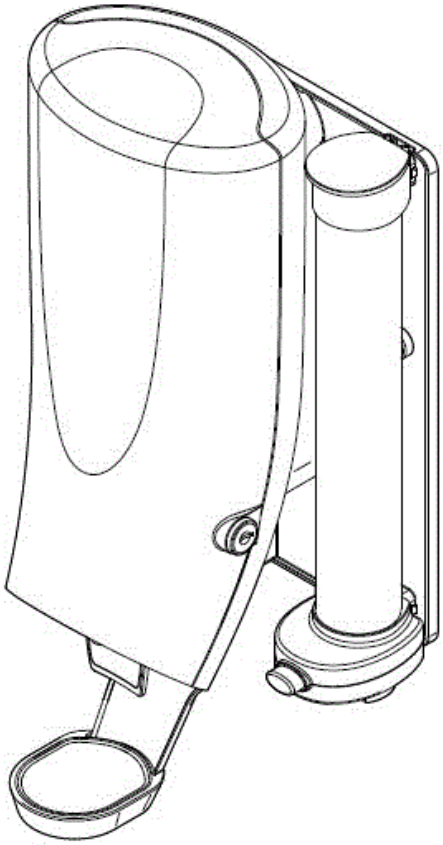


Figure 1

Three-dimensional view

21: A2018/00718 22: 2018-05-15 23:
43: 2017-11-16
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/626,368 32: 2017-11-16
54: ORAL CARE IMPLEMENTS
57: The design relates to an oral care implement in the form of a toothbrush having an elongate handle, an elongate neck connected to the handle and a head projecting from the neck. The handle has a rounded base, and bulges outwardly from the base, tapering inwardly at two separate locations along the length of the handle to define two waists. The handle has an oval gripping surface on each of a front and a rear thereof. The front gripping surface has a central cross formation. The rear gripping surface comprises a central oval formation with two rows of small nodules arranged concentrically around the oval formation. The neck has a narrower cross-section than the handle. A front of the head includes an arrangement of bristles.

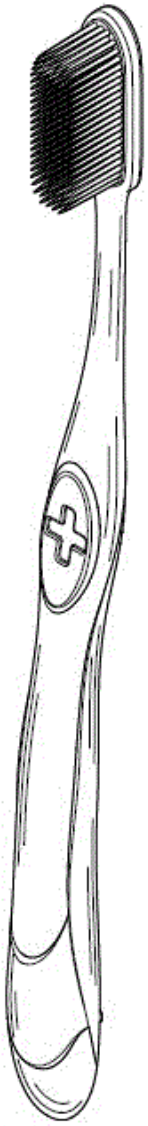


Figure 1
Three-dimensional view

21: A2018/00719 22: 2018-05-15 23:
43: 2017-11-16
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/626,368 32: 2017-11-16
54: ORAL CARE IMPLEMENTS
57: The design relates to an oral care implement in the form of a toothbrush having an elongate handle and an elongate neck connected to the handle. The handle has a rounded base, and bulges outwardly from the base, tapering inwardly at two separate locations along the length of the handle to define two

waists. The handle has an oval gripping surface on each of a front and a rear thereof. The front gripping surface has a central cross formation. The rear gripping surface comprises a central oval formation with two rows of small nodules arranged concentrically around the oval formation. A small circular formation is provided at the rear of the handle. A rectangular protrusion is provided below the circular formation towards the base of the handle. The neck has a narrower cross-section than the handle.



Figure 1
Three-dimensional view

21: A2018/00720 22: 2018-05-15 23:
43: 2017-11-16
52: Class 4 24: Part A

71: Colgate-Palmolive Company
33: US 31: 29/626,368 32: 2017-11-16

54: ORAL CARE IMPLEMENTS

57: The design relates to an oral care implement in the form of a toothbrush having an elongate handle and an elongate neck connected to the handle. The handle has a rounded base, and bulges outwardly from the base, tapering inwardly at two separate locations along the length of the handle to define two waists. The neck has a narrower cross-section than the handle.



Figure 1
Three-dimensional view

21: A2018/00721 22: 2018-05-15 23:
43: 2017-11-17
52: Class 9 24: Part A

71: Colgate-Palmolive Company
33: US 31: 29/626,540 32: 2017-11-17
54: CONTAINERS
57: The design is for a container including a body which is generally oblong in shape in front view. The body extends upwardly from a base and widens in front view towards a mid-region before narrowing towards a top region. An oval indent is defined on each of a flattened side of the container. A threaded neck protrudes from the top region of the body.

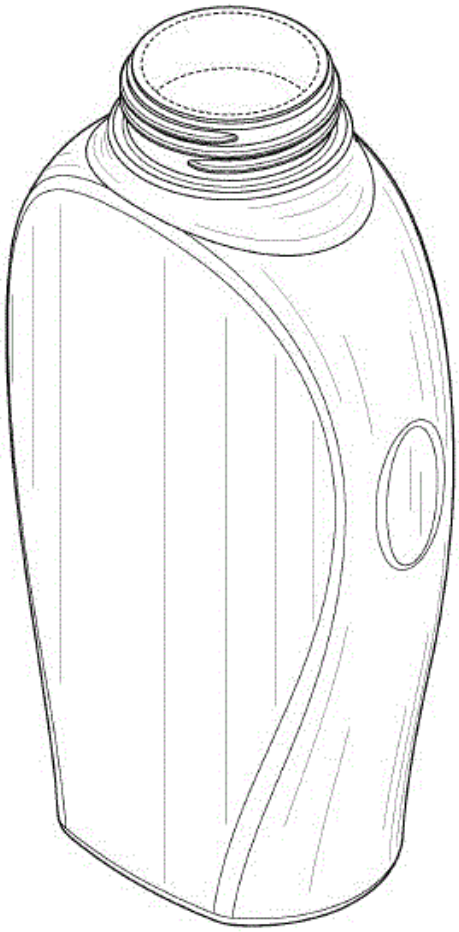


Figure 1
Three-dimensional view

21: A2018/00735 22: 2018-05-16 23:
43: 2017-11-17
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/626,450 32: 2017-11-17
54: ORAL CARE IMPLEMENTS
57: The design relates to an oral care implement in the form of a toothbrush having an elongate handle with a circular base at one end of the handle. An elongate neck, with a narrower cross-section than the handle, extends from an opposite end of the handle. A head protrudes from the neck. The handle is contoured and tapers inwardly from the base towards the neck. A plurality of circumferential features is provided on the handle towards the base. An oval gripping surface, comprising three concentric oval formations, is provided on a front of the handle. A rectangular protrusion is provided on a rear of the handle adjacent the base. A front of the head includes an arrangement of bristles. A rear of the head includes an array of nodules to provide a scraping surface.

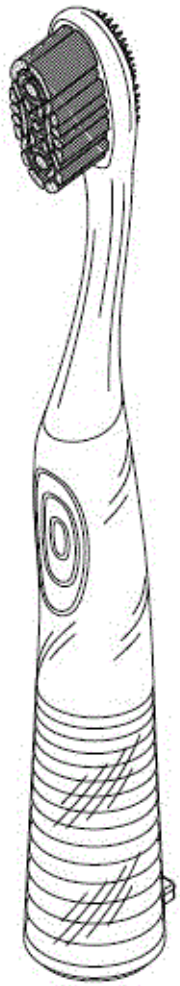


Figure 1
Three-dimensional view

21: A2018/00736 22: 2018-05-16 23:
43: 2017-11-17

52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/626,450 32: 2017-11-17
54: ORAL CARE IMPLEMENTS
57: The design relates to an oral care implement in the form of a toothbrush having an elongate handle with a circular base at one end of the handle. An elongate neck, with a narrower cross-section than the handle, extends from an opposite end of the handle. The handle is contoured and tapers inwardly from the base towards the neck. An oval gripping surface, comprising three concentric oval formations, is provided on a front of the handle.

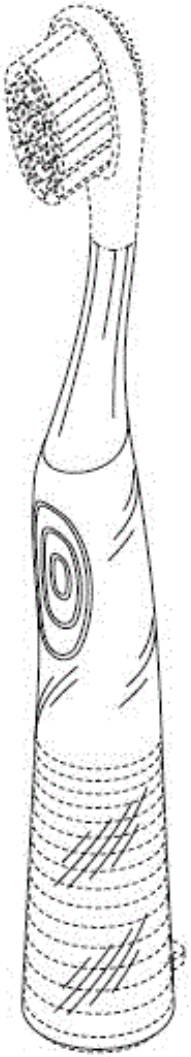


Figure 1
Three-dimensional view

21: A2018/00737 22: 2018-05-16 23:
43: 2017-11-17
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/626,450 32: 2017-11-17
54: ORAL CARE IMPLEMENTS
57: The design relates to an oral care implement, in particular, a handle of a toothbrush. The handle comprises a circular base at one end of the handle. The handle tapers inwardly from the base towards an opposite end thereof. A plurality of circumferential features is provided on the handle.



Figure 1
Three-dimensional view

21: A2018/00738 22: 2018-05-16 23:
43: 2017-11-17
52: Class 4 24: Part A

71: Colgate-Palmolive Company
33: US 31: 29/626,447 32: 2017-11-17
54: ORAL CARE IMPLEMENTS
57: The design relates to an oral care implement. The implement includes a handle, a neck and a head. A lower portion of the handle is generally circular in cross-section and tapers from a base of the implement to an upper portion of the handle. A rear of the lower portion includes a transverse protruding element. A front of the upper portion of the handle is provided with three concentric oblong elements of different sizes. The head is attached to the upper portion of the handle by way of the neck, which curves slightly rearwardly away from the upper portion. The head is provided with an arrangement of bristles defining a brush at a front thereof. The head is further provided with an arrangement of protrusions that are substantially shorter than the bristles, defining an auxiliary oral implement surface at a rear thereof.



Figure 1

Three-dimensional view

21: A2018/00739 22: 2018-05-16 23:
43: 2017-11-17
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/626,447 32: 2017-11-17
54: ORAL CARE IMPLEMENTS
57: The design relates to an oral care implement. More specifically, the design relates to a handle for an oral care implement. A lower portion of the handle is generally circular in cross-section and tapers from a base of the implement to an upper portion of the handle. A transverse ring element is defined in the lower portion, adjacent to the base. A front of the upper portion of the handle is recessed and provided with three concentric oblong elements of different sizes. In front and rear view, the upper portion of the handle diverges slightly and then tapers towards a top thereof.



Figure 1

Three-dimensional view

21: A2018/00740 22: 2018-05-16 23:
43: 2017-11-17
52: Class 4 24: Part A

71: Colgate-Palmolive Company
33: US 31: 29/626,447 32: 2017-11-17
54: ORAL CARE IMPLEMENTS
57: The design relates to an oral care implement. More specifically, the design relates to a handle and a neck for an oral care implement. A lower portion of the handle is generally circular in cross-section and tapers from a base to an upper portion of the handle. A front of the upper portion of the handle is recessed. In front and rear view, the upper portion of the handle diverges slightly and then tapers towards a top thereof. The neck is attached to the upper portion of the handle and curves slightly rearwardly away from the handle.



Figure 1

Three-dimensional view

21: A2018/00741 22: 2018-05-16 23:
43: 2017-11-17
52: Class 4 24: Part A

71: Colgate-Palmolive Company
33: US 31: 29/626,452 32: 2017-11-17
54: PARTS OF ORAL CARE IMPLEMENTS
57: The design relates to a part of an oral care implement. The part has a base, an intermediate portion and an elongate upper portion. The base is generally circular in cross-section and tapers gradually in an upward direction. The intermediate portion is generally cylindrical, with a diameter which is less than a diameter of the base. The intermediate portion includes an externally threaded central region and a transverse slot located above the threaded region. The slot extends partially about the circumference of the intermediate portion. The upper portion defines a battery-receiving arrangement for receiving a battery in a vertical orientation, and has irregular outer surfaces.

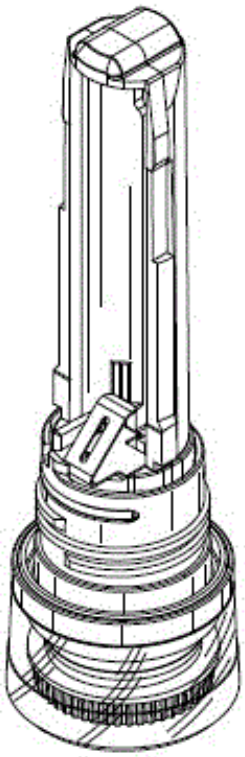


Figure 1

Three-dimensional view

21: A2018/00742 22: 2018-05-16 23:
43: 2017-11-17
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/626,452 32: 2017-11-17
54: PARTS OF ORAL CARE IMPLEMENTS

57: The design relates to a part of an oral care implement. More specifically, the design relates to a base and intermediate portion of the part. The base is generally circular in cross-section and tapers gradually in an upward direction. The base houses an internal unit of the oral care implement. A lowermost region of the intermediate portion has a diameter which is less than a diameter of the base, defining an annular groove between the base and intermediate portion. The remainder of the intermediate portion is generally cylindrical with a diameter which is slightly less than the diameter of the lowermost region of the intermediate portion.

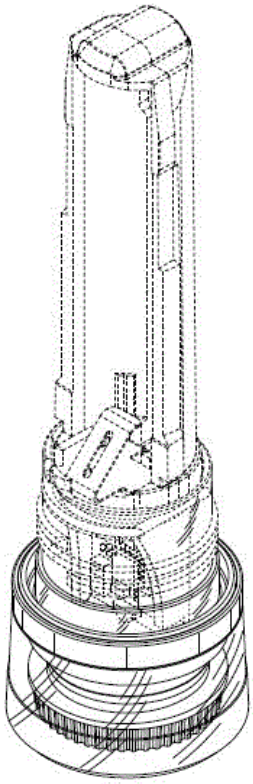


Figure 1

Three-dimensional view

21: A2018/00743 22: 2018-05-16 23:
43: 2017-11-17
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/626,452 32: 2017-11-17
54: PARTS OF ORAL CARE IMPLEMENTS
57: The design relates to a part of an oral care implement. More specifically, the design relates to a base and intermediate portion of the part. The base is generally circular in cross-section and tapers gradually in an upward direction. The base houses an internal unit of the oral care implement. A lowermost region of the intermediate portion has a diameter which is less than a diameter of the base, defining an annular groove between the base and intermediate portion. The remainder of the intermediate portion is generally cylindrical, with a diameter which is slightly less than the diameter of the lowermost region of the intermediate portion.

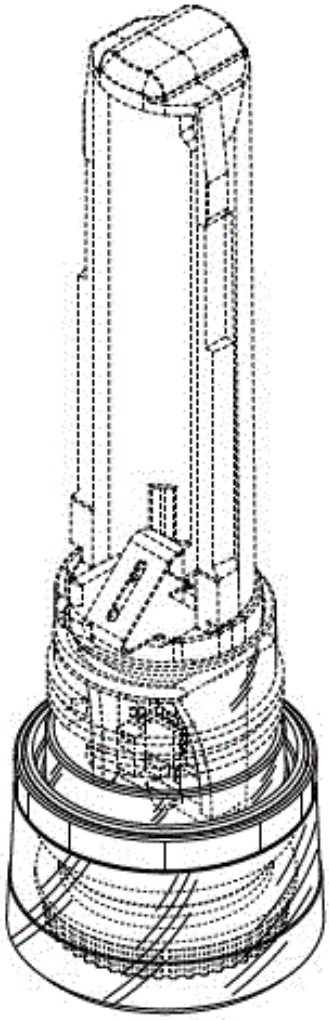


Figure 1

Three-dimensional view

21: A2018/01109 22: 2018-07-23 23:
43: 2018-03-20
52: Class 23 24: Part A
71: JEE-O Concepts B.V.

33: EM(NL) 31: 004821015-0001 32: 2018-03-20

54: MIXERS

57: The design is for a mixer. The mixer comprises a circular cylindrical body extending upwardly from an annular flange. An upper portion of the body is enlarged with a pair of opposing hexagonal knobs mounted on either side thereof. A generally u-shaped pipe with curved bends projects from the upper portion of the body. A dispenser is integrally defined at a free end of the pipe. The dispenser comprises a generally hemi-spherical enclosure with an octagonal rim.



Figure 1

Three-dimensional view

21: A2018/01110 22: 2018-07-23 23:
43: 2018-03-20
52: Class 23 24: Part A
71: JEE-O Concepts B.V.
33: EM(NL) 31: 004821015-0002 32: 2018-03-20

54: MIXERS

57: The design is for a mixer. The mixer comprises a circular cylindrical body extending upwardly from an annular flange. An upper portion of the body is enlarged with a pair of opposing hexagonal knobs mounted on either side thereof. A rod extends through the upper portion, inbetween the knobs, providing a mount for a flexible hose pipe at one end thereof. A free end of the flexible hose pipe has an elongate circular cylindrical head. A generally u-shaped pipe with curved bends projects from the upper portion of the body. A dispenser is integrally defined at a free end of the u-shaped pipe. The dispenser comprises a generally hemi-spherical enclosure with an octagonal rim.



Figure 1

Three-dimensional view

21: A2018/01111 22: 2018-07-23 23:
43: 2018-04-13
52: Class 23 24: Part A
71: DADO Creations Europe B.V.
33: EM(NL) 31: 005232949-0002 32: 2018-04-13

54: BATHS

57: The design is for a bath. The bath comprises four sidewalls that define a rectangular profile when viewed from a top. Lower exterior ends of the sidewalls curve inwardly to define a base of the bath. A round aperture is defined in the middle of the base. An upper surface of the base is planar.

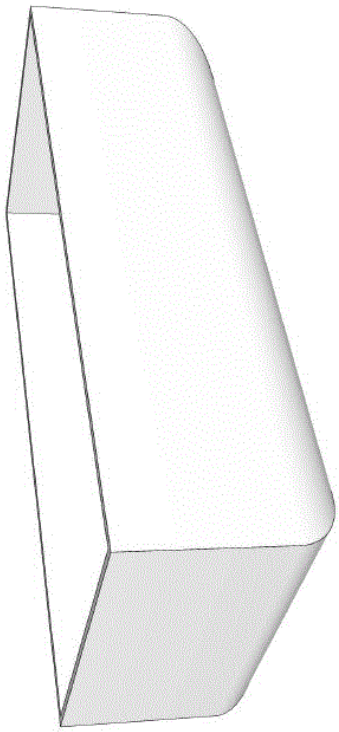


Figure 1

Three-dimensional view

21: A2018/01112 22: 2018-07-23 23:
43: 2018-03-20
52: Class 23 24: Part A
71: JEE-O Concepts B.V.
33: EM(NL) 31: 004821015-0003 32: 2018-03-20

54: SHOWERS

57: The design is for a mixer. The mixer comprises an elongate pipe extending upwardly from an annular flange. The pipe has an enlarged portion in a middle thereof. A pair of opposing hexagonal knobs are mounted on either side of the enlarged portion. A rod extends through the enlarged portion, inbetween the knobs, providing a mount for a flexible hose pipe at one end thereof. A free end of the flexible hose pipe has an elongate circular cylindrical head. An upper portion of the elongate pipe is in the form of a u-shape with curved bends. A dispenser is integrally defined at a free end of the elongate pipe. The dispenser comprises a generally hemi-spherical enclosure with an octagonal rim.



Figure 1

Three-dimensional view

21: A2018/01113 22: 2018-07-23 23:
43: 2018-03-20
52: Class 23 24: Part A
71: JEE-O Concepts B.V.
33: EM(NL) 31: 004821015-0004 32: 2018-03-20

54: MIXERS

57: The design is for a mixer. The mixer comprises an L-shaped pipe with a curved bend, having a shorter and a longer portion on either side of the bend. A dispensing head is integrally defined at a

free end of the shorter portion of the pipe. The dispensing head comprises a generally hemi-spherical enclosure with an octagonal rim. An annular flange is defined at a free end of the longer portion of the pipe. The mixer has a pair of knobs located one on each side of the L-shaped pipe. Each knob comprises an annular flange defined at one end of a short shaft and a hexagonal disc located an the other end of the short shaft.

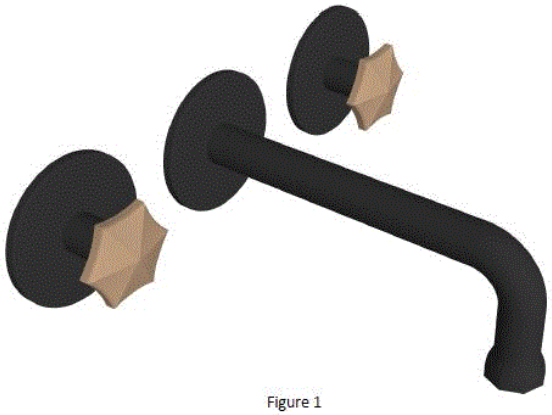


Figure 1

Three-dimensional view

21: A2018/01114 22: 2018-07-23 23:
43: 2018-03-20
52: Class 23 24: Part A
71: JEE-O Concepts B.V.
33: EM(NL) 31: 004821015-0005 32: 2018-03-20
54: SHOWERS
57: The design is for a shower. The shower comprises an L-shaped pipe with a curved bend, having a shorter and a longer portion on either side of the bend. A shower head is integrally defined at a free end of the shorter portion of the pipe. The shower head comprises a generally hemi-spherical enclosure with an octagonal rim. An annular flange is defined at a free end of the longer portion of the pipe.



Figure 1

Three-dimensional view

21: A2018/01115 22: 2018-07-23 23:
43: 2018-03-20
52: Class 23 24: Part A
71: DADO Creations Europe B.V.
33: EM(NL) 31: 004819506-0001 32: 2018-03-20
54: BASINS
57: The design is for a bath. The bath has a base which, when view from a bottom, is oval with semi-octagonally shaped outer ends. A peripheral chamfer extends upwardly from the base and forms an interleading element between the base and an upwardly extending sidewall. The chamfer has a plurality of vertical ridges that correspond to the corners of the semi-octagonal outer ends of the base. The ridges project vertically along part of the sidewall. The sidewall defines an oval-shaped inner surface of the base. A rim of the sidewall is correspondingly oval-shaped.

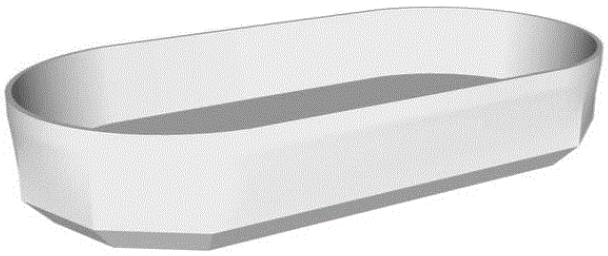


Figure 1

Three-dimensional view

21: A2018/01116 22: 2018-07-23 23:

43: 2018-03-20
52: Class 23 24: Part A
71: DADO Creations Europe B.V.
33: EM(NL) 31: 004819506-0002 32: 2018-03-20
54: BASINS
57: The design is for a basin. The basin comprises a hollow cylinder with a decagonal cross-section along most of a length of the cylinder. The decagonal cross-section is most prominent towards one end of the cylinder and gradually decreases towards the other end of the cylinder, where a circular rim is defined. The decagonal end of the cylinder has a peripheral chamfer which defines a rim that has a decagonal outer profile and a round inner profile. The basin has a floor located partway along the length of the cylinder. A circular aperture is defined through the centre of the floor.

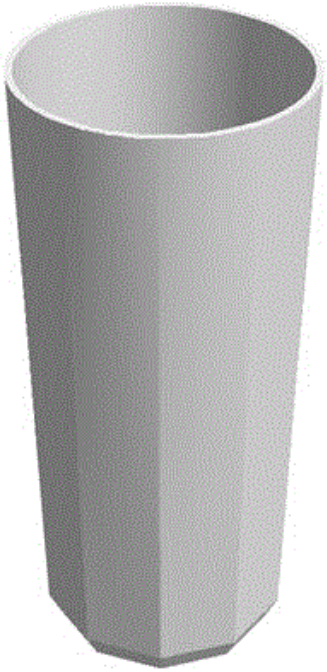


Figure 1

Three-dimensional view

21: A2018/01117 22: 2018-07-23 23:
43: 2018-03-20
52: Class 23 24: Part A
71: DADO Creations Europe B.V.
33: EM(NL) 31: 004819506-0003 32: 2018-03-20
54: BASINS
57: The design is for a basin. The basin comprises an annular sidewall with a decagonal cross-section along most of a length of the sidewall. The decagonal cross-section is most prominent towards one end of the sidewall and gradually decreases towards the other end of the sidewall, where a circular rim is defined. The decagonal end of the sidewall has a peripheral chamfer which defines a rim forming an interleading element between the sidewall and a base. The base has a decagonal outer profile and has a circular recess defined in an underside thereof. A circular aperture is defined through the centre of the base.

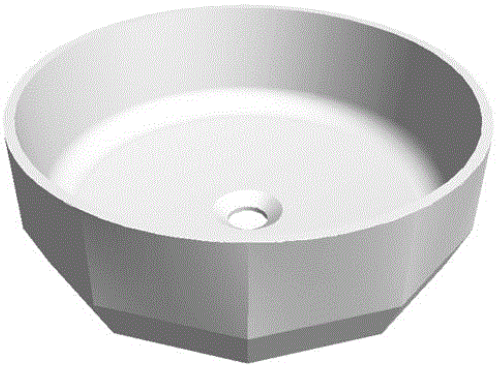


Figure 1

Three-dimensional view

21: A2018/01118 22: 2018-07-23 23:
43: 2018-03-20
52: Class 23 24: Part A
71: DADO Creations Europe B.V.
33: EM(NL) 31: 004819506-0004 32: 2018-03-20
54: BATHS
57: The design is for a bath. The bath has a base which, when view from a bottom, is oval with semi-octagonally shaped outer ends. A peripheral chamfer extends upwardly from the base and forms an interleading element between the base and an upwardly extending sidewall. The chamfer has a plurality of vertical ridges that correspond to the corners of the semi-octagonal outer ends of the base. The ridges project vertically along part of the sidewall. The sidewall defines an oval-shaped inner surface of the base. A rim of the sidewall is correspondingly oval-shaped.



Figure 1

Three-dimensional view

21: A2018/01119 22: 2018-07-23 23:
43: 2018-04-13
52: Class 23 24: Part A
71: DADO Creations Europe B.V.
33: EM(NL) 31: 005232949-0001 32: 2018-04-13
54: BASINS
57: The design is for a basin. The basin comprises four slightly slanted sidewalls that define a square profile when viewed from a top. Lower exterior ends of the sidewalls curve inwardly to define a base of the basin. A round aperture is defined in the middle of the base. An upper surface of the base is planar.

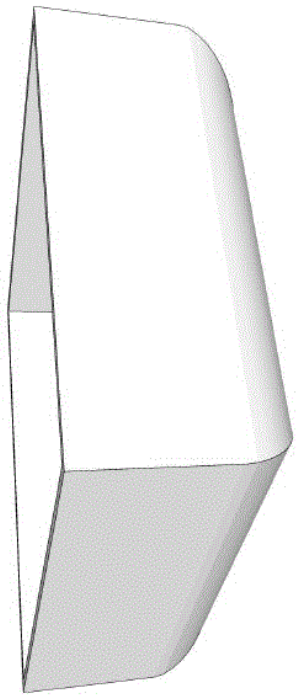


Figure 1

Three-dimensional view

21: A2018/01151 22: 2018-07-24 23:
43: 2018-01-25
52: Class 9 24: Part A
71: Johnson & Johnson Consumer Inc.
33: US 31: 29/634,858 32: 2018-01-25
54: BOTTLES
57: The design is for a bottle comprising an elongate body including a base, front and rear walls and side walls extending from the base to a pair of gently convexly curved shoulders. Sides of the body taper inwardly slightly, defining a waistline at sides of the front and rear walls and the side walls, such that the front, rear and side walls each have an hourglass shape. A pair of oblique faces is defined between each adjacent pair of front or rear walls and side walls at upright edges of the body. Each pair of oblique faces is widest at the waistline. The front and rear walls and side walls are convexly curved about an upright axis.

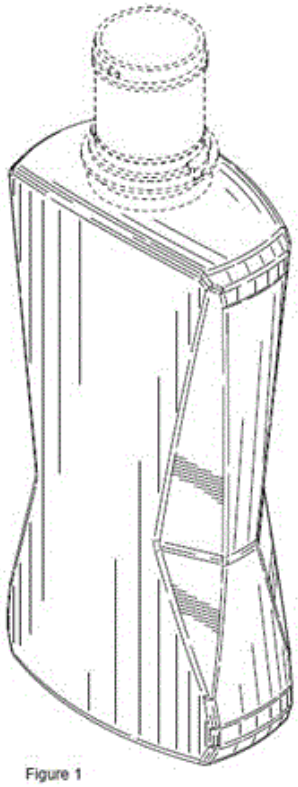


Figure 1

Three-dimensional view

21: A2018/01155 22: 2018-07-25 23:
43: 2018-01-29
52: Class 12 24: Part A
71: The Goodyear Tire & Rubber Company
33: US 31: 29/635,120 32: 2018-01-29

54: TIRES

57: The design relates to a tire, and more particularly to a tire tread. The tread has five rows of circumferentially extending tread elements: a central row, a pair of intermediate rows and a pair of shoulder rows. Each shoulder row is spaced apart from one of the intermediate rows by a circumferentially continuous shoulder groove and each intermediate row is spaced apart from the central row by a wider, circumferentially continuous intermediate groove. The central row, located at an equatorial centerplane of the tread, has a circumferential array of inclined elongate substantially S-shaped sipes extending between respective intermediate grooves. Each intermediate row has a circumferential array of spaced apart inclined sipes extending in opposite directions and inclining in a direction opposite the inclined S-shaped sipes. Each shoulder row has a circumferential array of spaced apart short blind grooves at respective outer edges of the tread.

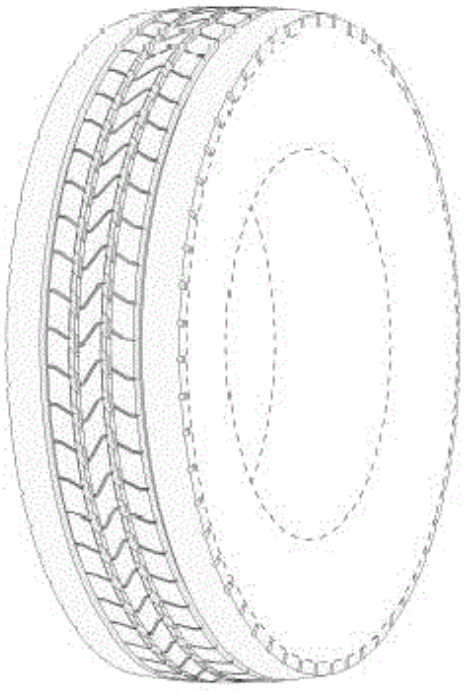


Figure 1

Three-dimensional view

21: A2018/01156 22: 2018-07-25 23:
43: 2018-01-31
52: Class 12 24: Part A
71: The Goodyear Tire & Rubber Company

33: US 31: 29/635,460 32: 2018-01-31

54: TIRES

57: The design relates to a tire, and more particularly to a tire tread. The tread has five rows of circumferentially extending tread elements: a circumferential central row on the centerplane of the tread, first and second intermediate rows each separated from the central row by a respective circumferential continuous intermediate groove, and first and second shoulder rows each separated from a respective intermediate row by a circumferential shoulder groove. The shoulder rows each have a circumferential array of alternating wider and narrower angled groove fingers extending laterally from a tread edge to an adjacent one of the intermediate grooves. Each of the intermediate rows has a circumferential array of spaced apart inclined wavy groove fingers extending between the shoulder groove and intermediate grooves adjacent thereto. The central row has a circumferential array of Z-shaped lateral grooves extending across the central row.

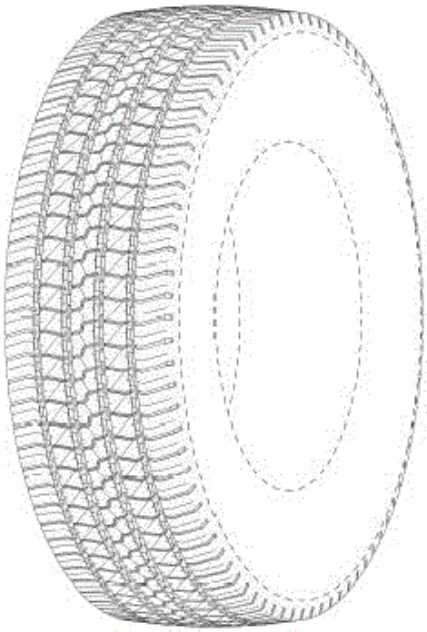
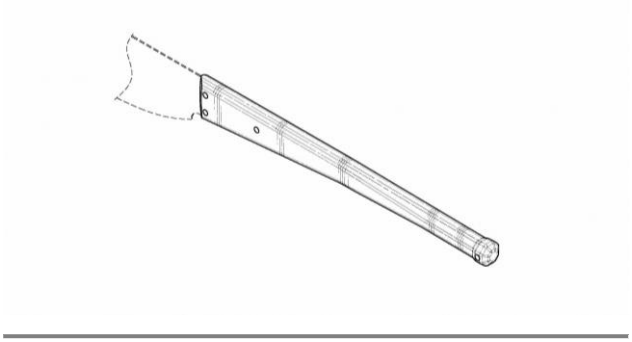


Figure 1
Three-dimensional view

21: A2018/01157 22: 2018-07-25 23:
43: 2018-07-25
52: Class 8 24: Part A
71: VECTO TRADE 461 PROPRIETARY LIMITED

54: HANDLES FOR HAND IMPLEMENTS OR CUTTING TOOLS

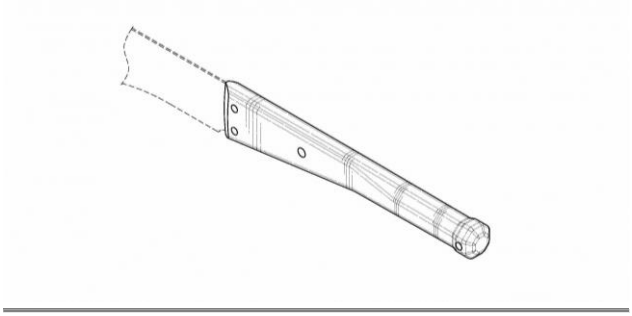
57: The design is for a handle for a hand implement or a cutting tool, and in particular for a cane knife. The handle has an elongate body. A front portion of the body is substantially four-sided or rectangular in transverse section with rounded edges and decreases in height towards a rear or free end of the body, whereas a rear gripping portion of the body is substantially octagonal in transverse section with rounded edges, ending in an octagonal knob at the free end thereof. The gripping portion is slightly thicker than the front portion, with the increase in thickness being gradual. The body is typically moulded from a synthetic plastics or polymeric material.



21: A2018/01159 22: 2018-07-25 23:
43: 2018-07-25
52: Class 8 24: Part A
71: VECTO TRADE 461 PROPRIETARY LIMITED

54: HANDLES FOR HAND IMPLEMENTS OR CUTTING TOOLS

57: The design is for a handle for a hand implement or a cutting tool, and in particular for a cane knife. The handle has an elongate body. A front portion of the body is substantially four-sided or rectangular in transverse section with rounded edges and decreases in height towards a rear or free end of the body, whereas a markedly thickened rear gripping portion of the body is substantially octagonal in transverse section with rounded edges, ending in an octagonal knob at the free end thereof. The body is typically moulded from a synthetic plastics or polymeric material.



21: A2018/01169 22: 2018-07-27 23:
43: 2018-01-29
52: Class 32 24: Part A
71: Bridgestone Europe NV/SA
33: EM(BE) 31: 004684942-0001 32: 2018-01-29

54: LOGOS

57: The design relates to a logo. The logo includes five letters forming the term “mobox”. The letters are solid. The letters “m”, “b” and “x” are red/orange and the “o” letters are black. The logo further includes an arched element extending from a region adjacent to an upper edge of a first letter “o” of the term, over the letter “b” of the term and up to a region adjacent to an upper edge of a second letter “o” of the term, the arched element and the “o” letters together appearing as stylised headphones.



Single Figure

Face-on view

21: A2018/01170 22: 2018-07-27 23:
43: 2018-01-29
52: Class 32 24: Part A
71: Bridgestone Europe NV/SA
33: EM(BE) 31: 004684942-0002 32: 2018-01-29

54: LOGOS

57: The design relates to a logo. The logo includes five letters forming the term “mobox”. The letters are outlined only. The logo further includes an arched element extending from a region adjacent to an upper edge of a first letter “o” of the term, over the letter “b” of the term and up to a region adjacent to an upper edge of a second letter “o” of the term, the

arched element and the “o” letters together appearing as stylised headphones.



Single Figure

Face-on view

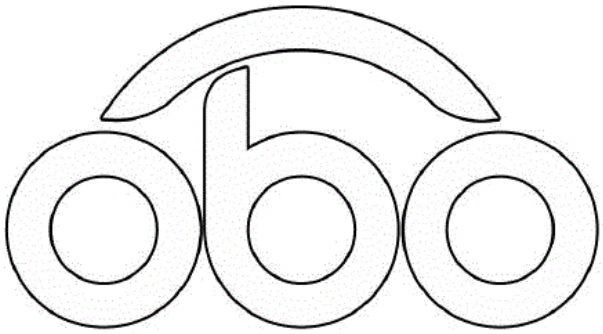
21: A2018/01171 22: 2018-07-27 23:
43: 2018-01-29
52: Class 32 24: Part A
71: Bridgestone Europe NV/SA
33: EM(BE) 31: 004684942-0003 32: 2018-01-29
54: LOGOS
57: The design relates to a logo. The logo includes the following sequence of letters: “o”, “b” and “o”. The letters are solid. The letter “b” is red/orange and the “o” letters are black. The logo further includes an arched element extending from a region adjacent to an upper edge of a first letter “o” of the sequence, over the letter “b” of the sequence and up to a region adjacent to an upper edge of a second letter “o” of the sequence, the arched element and the “o” letters together appearing as stylised headphones.



Single Figure

Face-on view

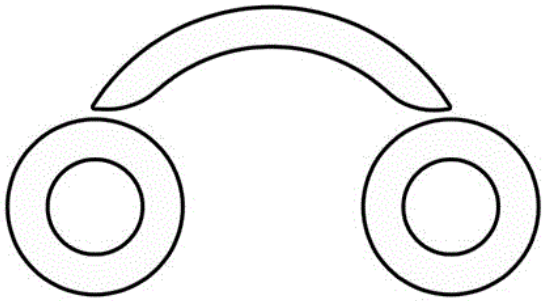
21: A2018/01172 22: 2018-07-27 23:
43: 2018-01-29
52: Class 32 24: Part A
71: Bridgestone Europe NV/SA
33: EM(BE) 31: 004684942-0004 32: 2018-01-29
54: LOGOS
57: The design relates to a logo. The logo includes the following sequence of letters: “o”, “b” and “o”. The letters are outlined only. The logo further includes an arched element extending from a region adjacent to an upper edge of a first letter “o” of the sequence, over the letter “b” of the sequence and up to a region adjacent to an upper edge of a second letter “o” of the sequence, the arched element and the “o” letters together appearing as stylised headphones.



Single Figure

Face-on view

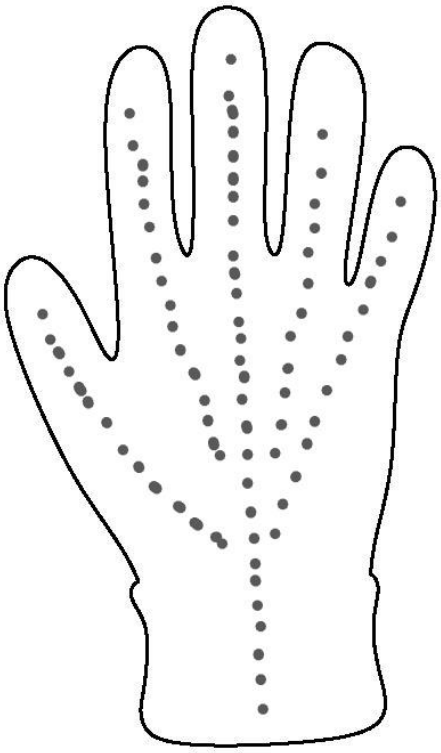
21: A2018/01173 22: 2018-07-27 23:
43: 2018-01-29
52: Class 32 24: Part A
71: Bridgestone Europe NV/SA
33: EM(BE) 31: 004684942-0005 32: 2018-01-29
54: LOGOS
57: The design relates to a logo. The logo includes two horizontally spaced apart “o” letters or annular elements. The logo further includes an arched element extending between regions adjacent to respective upper edges of the annular elements, the arched element and the annular elements together appearing as stylised headphones.



Single Figure

Face-on view

21: A2018/01197 22: 2018-08-01 23:
43: 2019-07-10
52: Class 11 24: Part A
71: Busisiwe Mbatha
54: LITTLE BLACK GLOVES
57: The little black gloves are a pair (or singular) of gloves that have, but not limited to, red lining. They are decorated with precious and semi-precious stones, And/or precious metals and/or man-made elements such as diamantes and crystals(be it swarovskis or otherwise) on any part of the gloves. The colour of the gloves may vary, as with the stones, diamantes, precious metals or any other elements used to decorate the gloves.



21: A2018/01203 22: 2018-08-01 23:
43: 2019-05-14
52: Class 28. 24: Part A
71: MEDIZONE CC
54: Massaging Device
57: The design relates to a massaging device. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



PERSPECTIVE VIEW

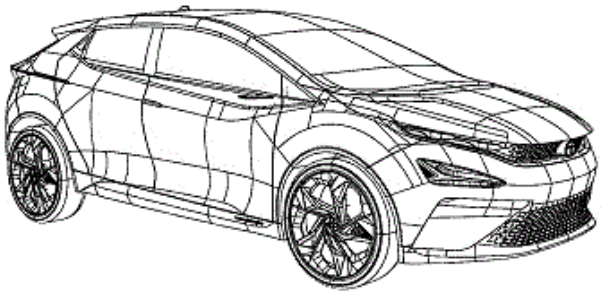
21: A2018/01204 22: 2018-08-01 23:

43: 2019-05-14
52: Class 28. 24: Part A
71: MEDIZONE CC
54: Massaging Device
57: The design relates to a massaging device. The features of the design are those of shape and/or configuration.



PERSPECTIVE VIEW

21: A2018/01206 22: 2018-08-02 23:
43: 2019-05-14
52: Class 12. 24: Part A
71: TATA MOTORS LIMITED
33: IN 31: 301924 32: 2018-02-02
54: Vehicle
57: The design relates to a vehicle. The features of the design are those of shape and/or configuration and/or ornamentation.



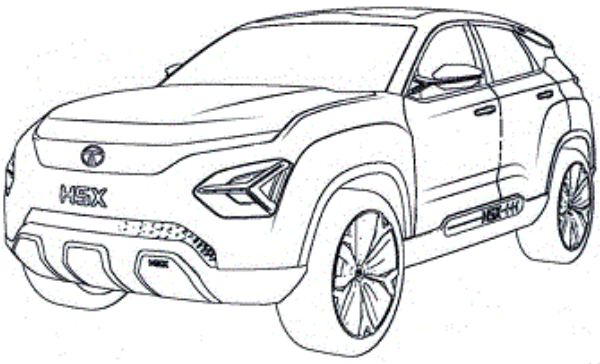
FRONT PERSPECTIVE VIEW

21: A2018/01207 22: 2018-08-02 23:
43: 2019-05-14
52: Class 12. 24: Part A
71: SUMITOMO RUBBER INDUSTRIES, LTD.
54: Tire for an Automobile
57: The design relates to a tire for an automobile. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



PERSPECTIVE VIEW

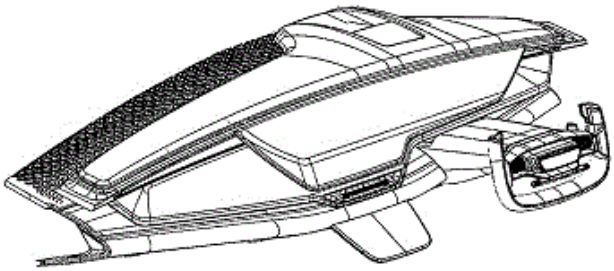
21: A2018/01208 22: 2018-08-02 23:
43: 2019-05-14
52: Class 12. 24: Part A
71: TATA MOTORS LIMITED
33: IN 31: 301928 32: 2018-02-02
54: Vehicle
57: The design relates to a vehicle. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



FRONT PERSPECTIVE VIEW

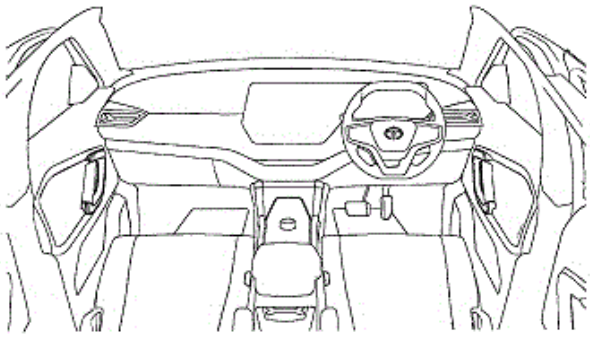
21: A2018/01209 22: 2018-08-02 23:
43: 2019-05-14

52: Class 12. 24: Part A
71: TATA MOTORS LIMITED
33: IN 31: 301926 32: 2018-02-02
54: Dashboard of a Vehicle
57: The design relates to a dashboard of a vehicle. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



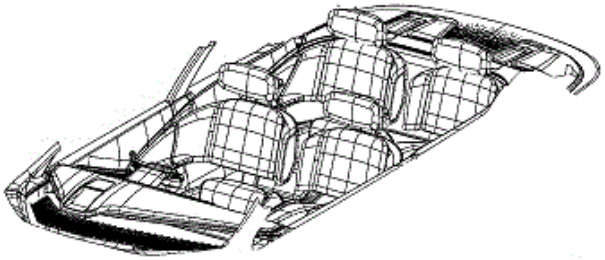
PERSPECTIVE VIEW

21: A2018/01210 22: 2018-08-02 23:
43: 2019-05-14
52: Class 12. 24: Part A
71: TATA MOTORS LIMITED
33: IN 31: 301929 32: 2018-02-02
54: Vehicle Interior
57: The design relates to a vehicle interior. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



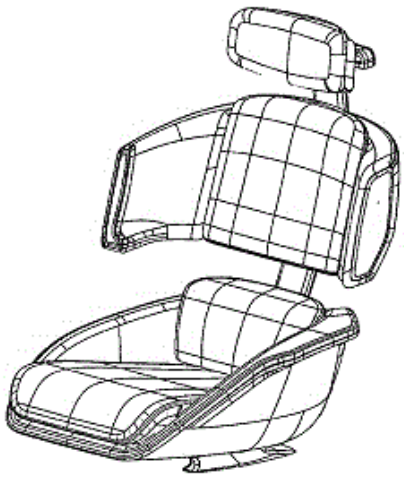
FRONT VIEW

21: A2018/01211 22: 2018-08-02 23:
43: 2019-05-14
52: Class 12. 24: Part A
71: TATA MOTORS LIMITED
33: IN 31: 301925 32: 2018-02-02
54: Vehicle Interior
57: The design relates to a vehicle interior. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



FIRST FRONT PERSPECTIVE VIEW

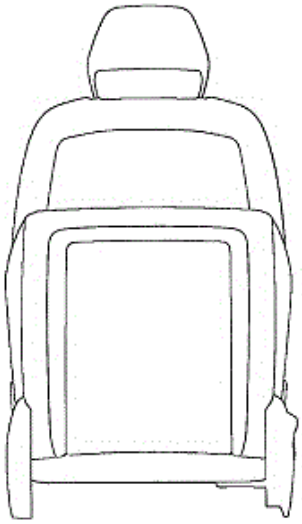
21: A2018/01212 22: 2018-08-02 23:
43: 2019-05-14
52: Class 6. 24: Part A
71: TATA MOTORS LIMITED
33: IN 31: 301927 32: 2018-02-02
54: Seat of a Vehicle
57: The design relates to a seat of a vehicle. The features of the design are those of shape and/or configuration and/or ornamentation.



PERSPECTIVE VIEW

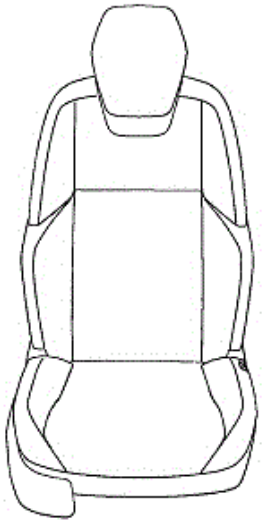
21: A2018/01213 22: 2018-08-02 23:
43: 2019-05-14
52: Class 6. 24: Part A
71: TATA MOTORS LIMITED

33: IN 31: 301930 32: 2018-02-02
54: Seat of a Vehicle
57: The design relates to seat of a vehicle. The features of the design are those of shape and/or configuration and/or ornamentation.



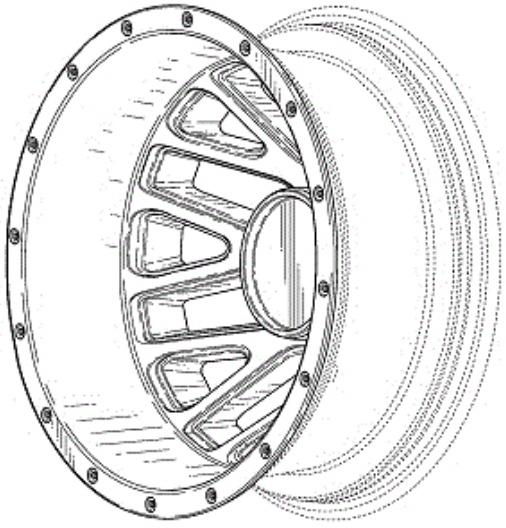
FRONT VIEW

21: A2018/01214 22: 2018-08-02 23:
43: 2019-05-14
52: Class 6. 24: Part A
71: TATA MOTORS LIMITED
33: IN 31: 301931 32: 2018-02-02
54: Seat of a Vehicle
57: The design relates to a seat of a vehicle. The features of the design are those of shape and/or configuration and/or ornamentation.



FRONT VIEW

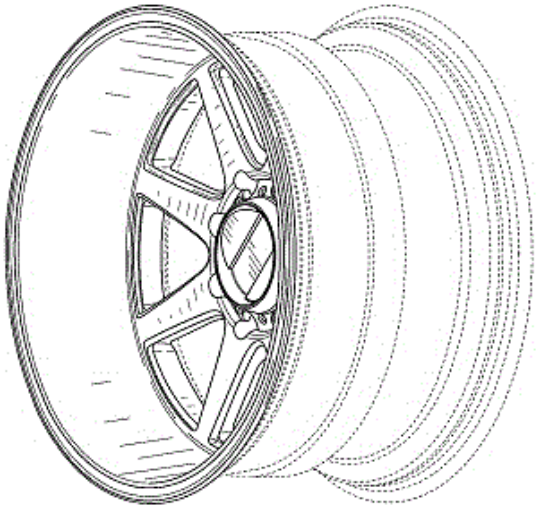
21: A2018/01220 22: 2018-08-10 23:
43: 2019-05-14
52: Class 12. 24: Part A
71: WHEEL PROS, LLC
33: US 31: 29/655,170 32: 2018-06-29
54: Wheel
57: The design relates to a wheel. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



PERSPECTIVE VIEW

21: A2018/01221 22: 2018-08-10 23:
43: 2019-05-14
52: Class 12. 24: Part A

71: WHEEL PROS, LLC
33: US 31: 29/656,205 32: 2018-07-11
54: Wheel
57: The design relates to a wheel. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



PERSPECTIVE VIEW

21: A2018/01222 22: 2018-08-10 23:
43: 2019-05-14
52: Class 28. 24: Part A
71: LIU, ZHENJIANG
33: CN 31: 201830196792.3 32: 2018-05-04
54: Massager
57: The design relates to a massager. The features of the design are those of shape and/or configuration and/or ornamentation.



TOP VIEW

21: A2018/01227 22: 2018-08-10 23:
43: 2018-02-09
52: Class 12 24: Part A
71: Bayerische Motoren Werke Aktiengesellschaft
33: DE 31: 402018100153.8 32: 2018-02-09
54: MOTOR VEHICLES
57: The design is for a motor vehicle, specifically a five-door SUV, having a short front overhang, a long bonnet and wheelbase. The front is characterized by a large, twin kidney-shaped radiator grille widening from bottom to top and one prominent generally trapezoidal lower air intake grills with horizontal bars. The bonnet has two long pairs of rearwardly diverging ridges and concave surfaces between each pair of ridges as well as two short pairs of rearwardly converging ridges with beveled surfaces inbetween. The sides have large almost squared-off wheel arches and are characterized by two swage lines rising up towards the rear and window surfaces tapering toward the rear. The upper and lower lines run parallel and the upper line rises steadily from the front fender through the door handles into the irregularly shaped rear lights. The rear is characterized by several shorter curved and bent lines.



Figure 1

Three-dimensional view

21: A2018/01228 22: 2018-08-10 23:
43: 2018-02-09
52: Class 19 24: Part A
71: Objective Learning Materials Pty Ltd
33: AU 31: 201810792 32: 2018-02-09
54: TEMPLATES
57: The design is for a template or stencil comprising a rectangular body with curved corners. A large circle with an interrupted periphery is centrally disposed and includes indicia for measuring angles. An upper right section of the body includes an arrangement of circles and ellipses of various sizes. An upper left section includes an arrangement of regular polygons of different sizes. A lower right section includes an arrangement of triangles and a sinusoidal graph. A lower left section includes various quadrilaterals and parabolic indicia. A perimeter of the body includes indicia for various scales of measurement and the body includes various formulae and indicia.

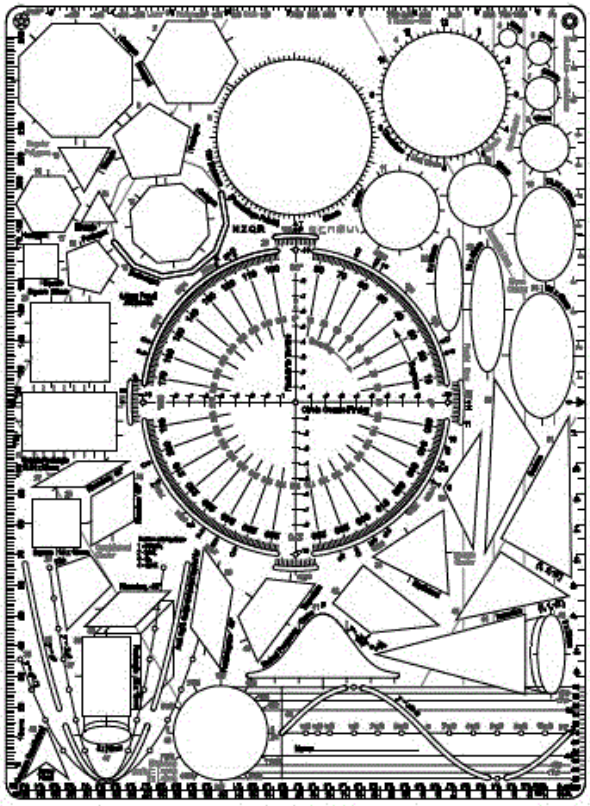
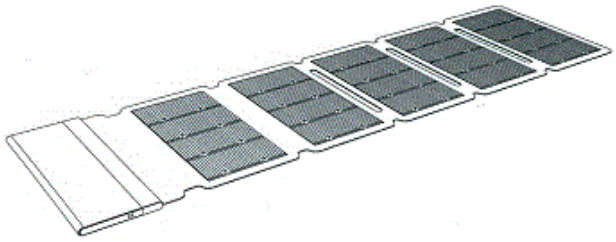


Figure 1

Face-on view

21: A2018/01235 22: 2018-08-10 23:
43: 2019-05-14
52: Class 13. 24: Part A
71: BEIJING HANERGY SOLAR POWER INVESTMENT CO., LTD.
33: CN 31: 201830064087.8 32: 2018-02-09
54: Power Generation and Storage Device
57: The design relates to a power generation and storage device. The features of the design are those of shape and/or configuration and/or pattern.



PERSPECTIVE VIEW OF POWER STORAGE DEVICE AND POWER GENERATION DEVICE

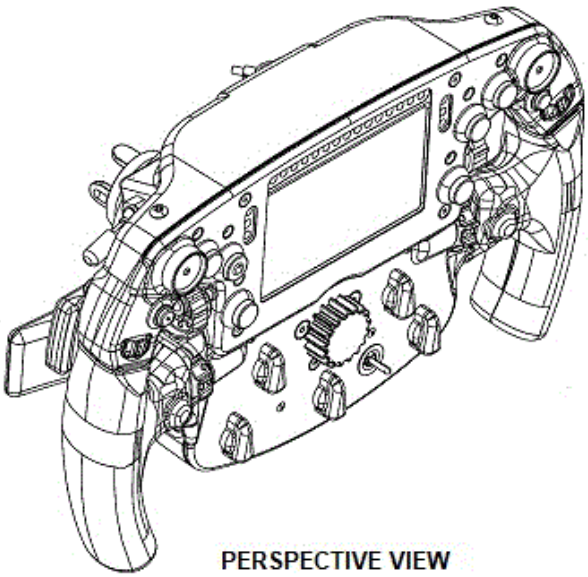
21: A2018/01236 22: 2018-08-10 23:
43: 2018-02-12
52: Class 12 24: Part A
71: Bayerische Motoren Werke Aktiengesellschaft
33: DE 31: 402018100158.9 32: 2018-02-12
54: MOTOR VEHICLES
57: The design is for a motor vehicle, particularly for a long wheelbase, four-door with a long bonnet. The bonnet has four prominent contour lines. The front is characterized by a kidney-shaped radiator grille that is brought together by an unbroken frame to form a single large element. It has vertical slats and is flanked by slim, trapezium-shaped headlight clusters, each of which houses a pair of hexagonal headlights, and very large air-intake grilles below embraced by prominent lines. A very large, elongated air-intake grille is provided below the radiator grille. Two prominent swage lines extend along the vehicle's side, emerging from the ends of the boundary line of the elongated air-intake grille in the front fender. The rear is characterized by slim, L-shaped rear lights, triangular air-intake grilles embraced by prominent lines, and by expressive concavely and convexly curved surfaces alternating with prominent horizontal and diagonal lines.



Figure 1

Three-dimensional view

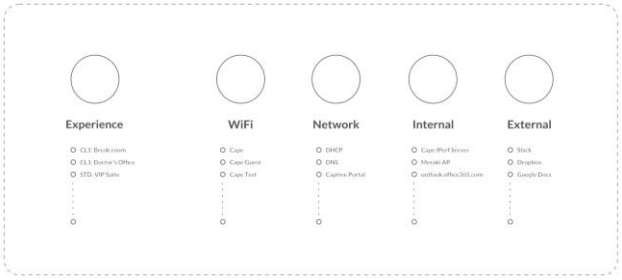
21: A2018/01255 22: 2018-08-14 23: 2018-02-22
43: 2019-05-02
52: Class 21. 24: Part A
71: FERRARI S.P.A.
33: EM 31: 004709624-0003 32: 2018-02-15
54: Toy Steering Wheel
57: The design relates to a toy steering wheel. The features of the design are those of shape and/or configuration and/or ornamentation.



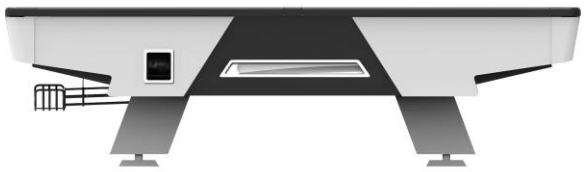
PERSPECTIVE VIEW

21: A2018/01276 22: 2018-08-17 23:
43: 2019-06-03
52: Class 14 24: Part A
71: ASIM HOLDING LTD
33: US 31: 29/637,853 32: 2018-02-22
54: SCREEN DISPLAY
57: The design is applied to a screen display. The features of the design for which protection is claimed

are those of the shape and/or configuration and/or ornamentation applied to the screen display or portion thereof substantially as shown in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.

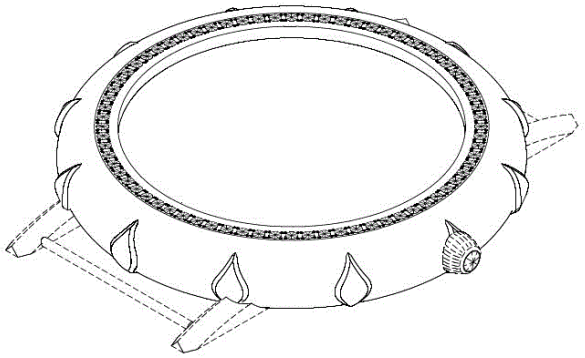


21: A2018/01283 22: 2018-08-21 23:
43: 2019-06-03
52: Class 21 24: Part A
71: Qinhuangdao JOY Billiards Promotion Co., Ltd.
54: A BILLIARD TABLE
57: The novelty of the design as applied to the layout of a Billiard Table resides in the features of shape and/or configuration and/or ornamentation as applied to the article as shown in the representations.



Left View

21: A2018/01303 22: 2018-08-22 23:
43: 2018-08-22
52: Class 10 24: Part A
71: The Khoi Watch Company (Pty) Ltd.
54: Watch Case and Watch Bezel
57: The design is applied to a case and a bezel of a watch. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a case and bezel of a watch substantially as illustrated in the accompanying representation.



Three-dimensional view

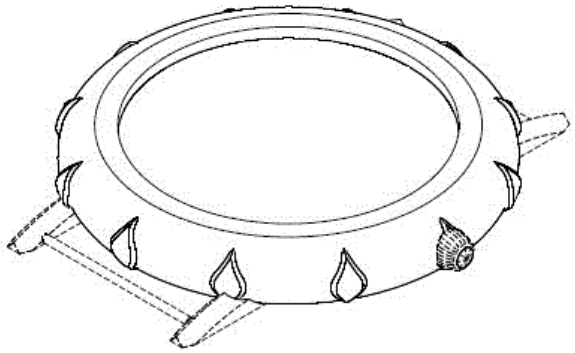
21: A2018/01304 22: 2018-08-22 23:
43: 2018-08-22
52: Class 10 24: Part A
71: The Khoi Watch Company (Pty) Ltd.
54: Watch case, bezel, and crown
57: The design is applied to a case, bezel and crown of a watch. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a case, bezel and crown of a watch substantially as illustrated in the accompanying representation.



Three-dimensional view

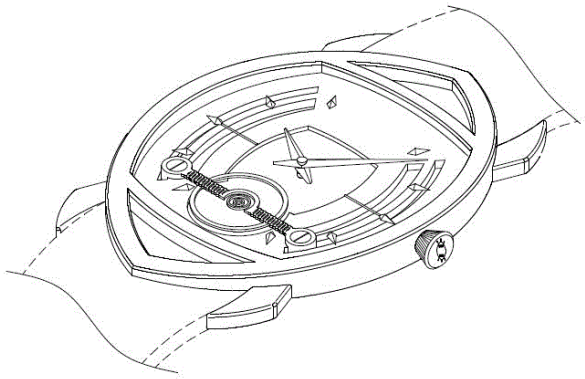
21: A2018/01305 22: 2018-08-22 23:
43: 2018-08-22
52: Class 10 24: Part A
71: The Khoi Watch Company (Pty) Ltd.

54: Watch case
57: The design is applied to a case of a watch. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a case of a watch substantially as illustrated in the accompanying representation.



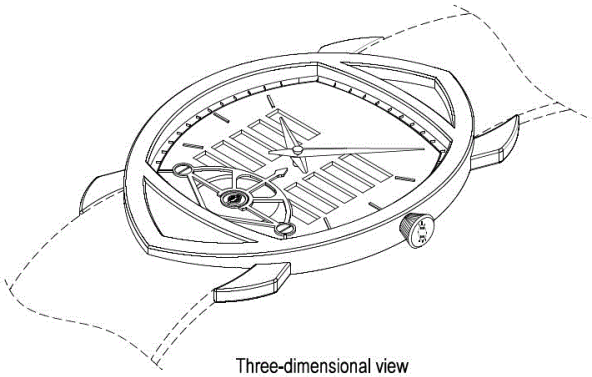
Three-dimensional view

21: A2018/01306 22: 2018-08-22 23:
43: 2018-08-22
52: Class 10 24: Part A
71: The Khoi Watch Company (Pty) Ltd.
54: Watch
57: The design is applied to a watch. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a watch substantially as illustrated in the accompanying representation.



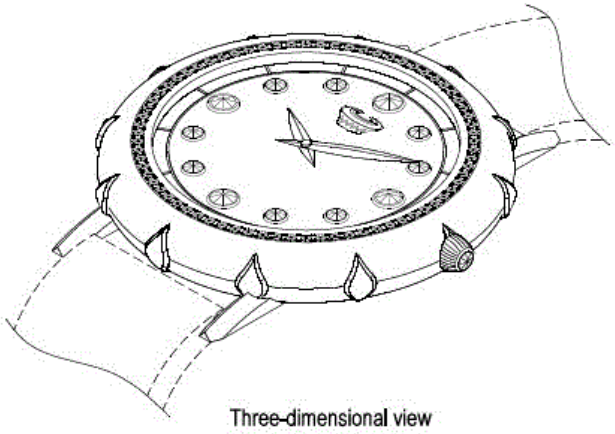
Three-dimensional view

21: A2018/01307 22: 2018-08-22 23:
43: 2018-08-22
52: Class 10 24: Part A
71: The Khoi Watch Company (Pty) Ltd.
54: Watch
57: The design is applied to a watch. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a watch substantially as illustrated in the accompanying representation.



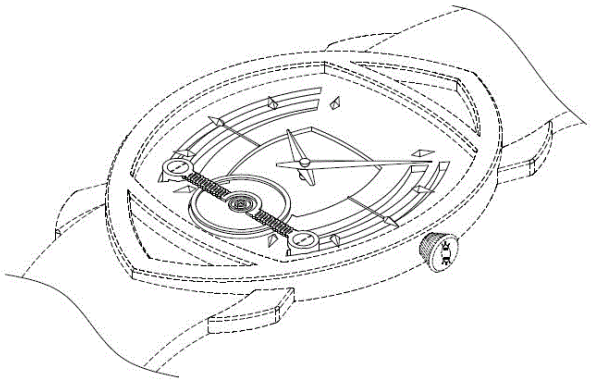
Three-dimensional view

21: A2018/01308 22: 2018-08-22 23:
43: 2018-08-22
52: Class 10 24: Part A
71: The Khoi Watch Company (Pty) Ltd.
54: Watch
57: The design is applied to a watch. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a watch substantially as illustrated in the accompanying representation.



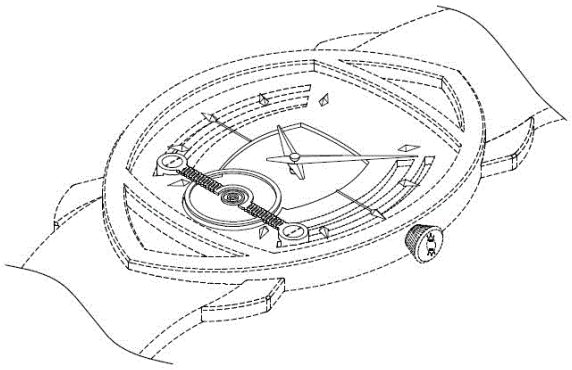
Three-dimensional view

21: A2018/01310 22: 2018-08-22 23:
43: 2018-08-22
52: Class 10 24: Part A
71: The Khoi Watch Company (Pty) Ltd.
54: Watch Dial
57: The design is applied to a dial of a watch. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a dial of a watch substantially as illustrated in the accompanying representation.



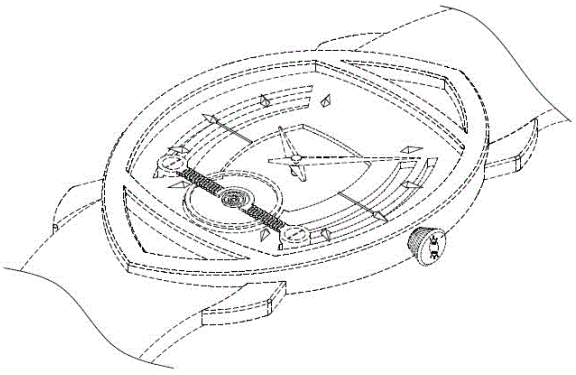
Three-dimensional view

21: A2018/01311 22: 2018-08-22 23:
43: 2018-08-22
52: Class 10 24: Part A
71: The Khoi Watch Company (Pty) Ltd.
54: Watch Dial
57: The design is applied to a dial of a watch. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a dial of a watch substantially as illustrated in the accompanying representation.



Three-dimensional view

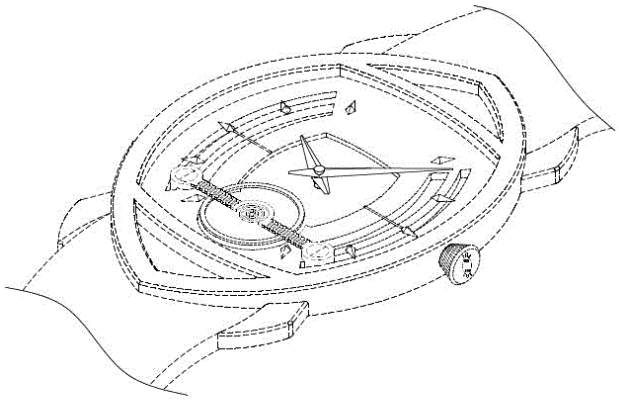
21: A2018/01312 22: 2018-08-22 23:
43: 2018-08-22
52: Class 10 24: Part A
71: The Khoi Watch Company (Pty) Ltd.
54: Watch Dial
57: The design is applied to a dial of a watch. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a dial of a watch substantially as illustrated in the accompanying representation.



Three-dimensional view

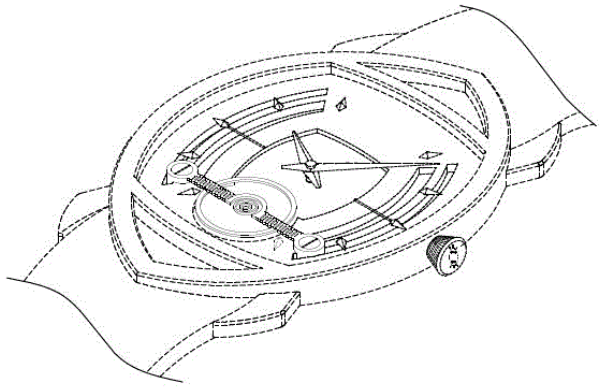
21: A2018/01313 22: 2018-08-22 23:
43: 2018-08-22
52: Class 10 24: Part A
71: The Khoi Watch Company (Pty) Ltd.
54: Watch Dial
57: The design is applied to a dial of a watch. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a dial of a watch

substantially as illustrated in the accompanying representation.



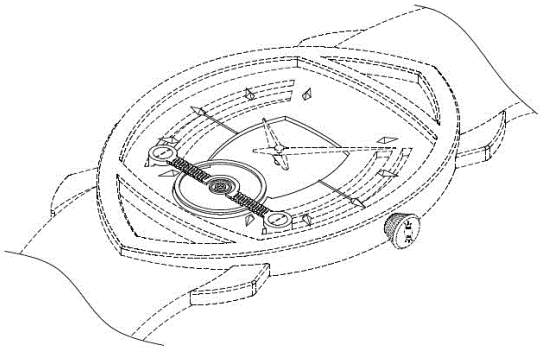
Three-dimensional view

21: A2018/01314 22: 2018-08-22 23:
43: 2018-08-22
52: Class 10 24: Part A
71: The Khoi Watch Company (Pty) Ltd.
54: Watch Dial
57: The design is applied to a dial of a watch. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a dial of a watch substantially as illustrated in the accompanying representation.



Three-dimensional view

21: A2018/01315 22: 2018-08-22 23:
43: 2018-08-22
52: Class 10 24: Part A
71: The Khoi Watch Company (Pty) Ltd.
54: Watch Dial
57: The design is applied to a watch of a dial. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a dial of a watch substantially as illustrated in the accompanying representation.



Three-dimensional view

21: A2018/01330 22: 2018-08-24 23:
43: 2018-02-27
52: Class 15 24: Part A
71: Flender GmbH
33: EM(DE) 31: 004727683 32: 2018-02-27
54: TRANSMISSIONS
57: The design is for a transmission. More specifically, the design is for a planetary gear unit. The gear unit has an elongate shape, defining a first end, or shaft end, and a second end, or output end. A shaft arrangement protrudes in an axial direction from the first end. The shaft arrangement is radially offset from a longitudinal axis of the gear unit. A generally rectangularly cuboidal first end region is located below the shaft arrangement. A substantially disc-shaped second end portion defines the second end. A housing of the gear unit is defined by largely disc-shaped sections of varying diameters axially arranged between the first end region and the second end portion. Axially spaced apart circumferential flange arrangements extend around the housing.

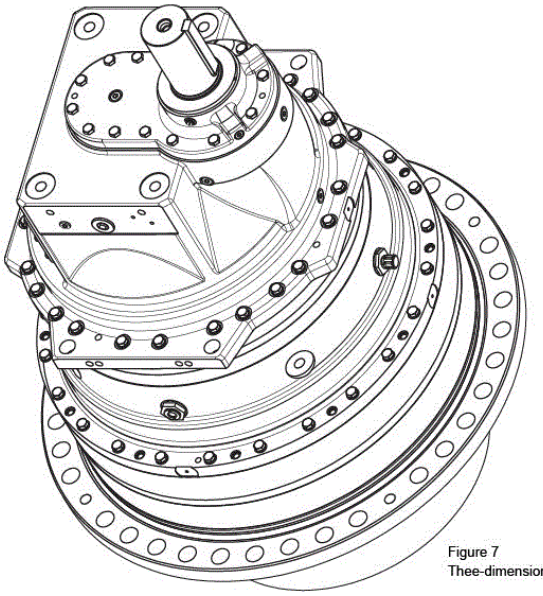


Figure 7
Thee-dimensional view

21: A2018/01336 22: 2018-08-27 23:
43: 2018-02-28
52: Class 28 24: Part A
71: The Gillette Company LLC
33: US 31: 29/638,761 32: 2018-02-28
54: RAZOR HANDLES
57: The design is for a razor handle and, in particular, for a razor handle with a ball mounted in the razor handle for flexible motion of the razor handle.

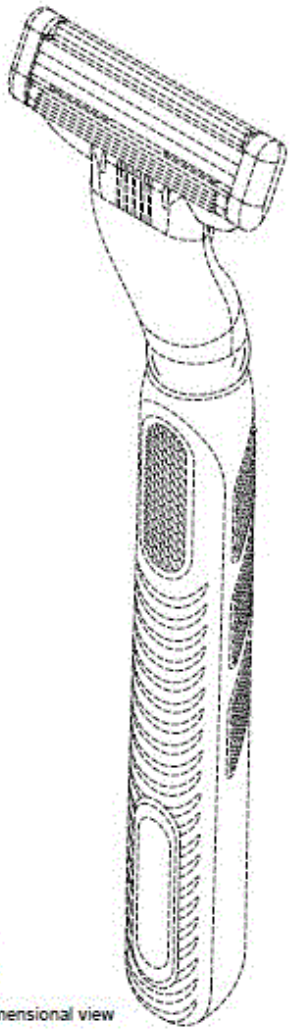


Figure 1

Three-dimensional view

21: A2018/01337 22: 2018-08-27 23:
43: 2018-02-28
52: Class 28 24: Part A
71: The Gillette Company LLC
33: US 31: 29/638,762 32: 2018-02-28
54: RAZORS
57: The design is for a razor and, in particular, for a razor with formations on a back of a handle thereof. The formations comprise three adjacent bands that are curved over the back of the handle. When viewed from a side, end portions of the bands are inclined downwardly towards a head of the razor. A leading edge of each band defines a lip.

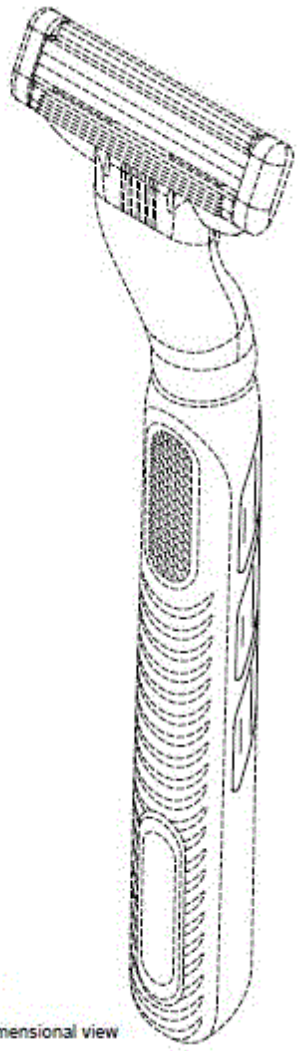
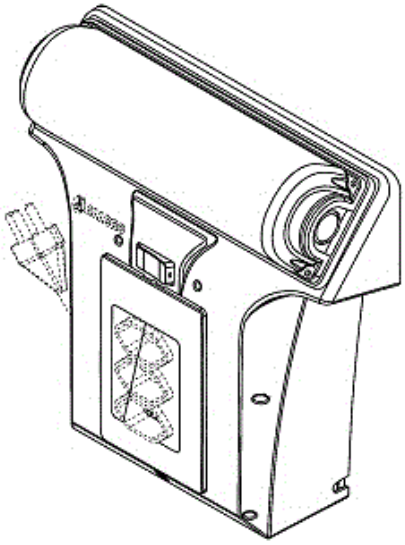


Figure 1

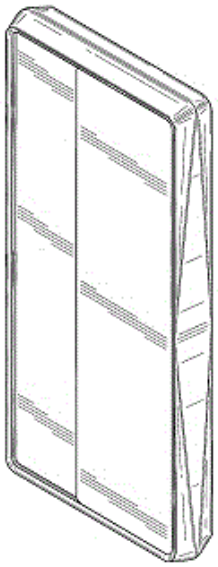
Three-dimensional view

21: A2018/01340 22: 2018-07-31 23:
43: 2019-05-17
52: Class 13. 24: Part A
71: ALLBRO (PTY) LTD
54: Ready Board Extender Unit
57: The design relates to a ready board extender unit. The features of the design are those of shape and/or configuration and/or ornamentation.



FRONT PERSPECTIVE VIEW

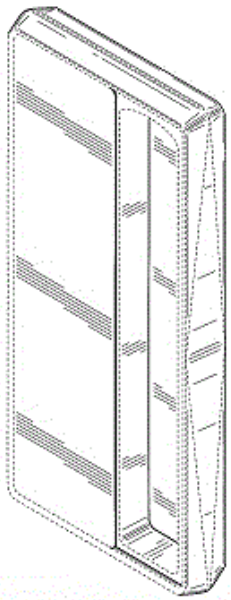
21: A2018/01341 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/638,723 32: 2018-02-28
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW IN A CLOSED CONFIGURATION

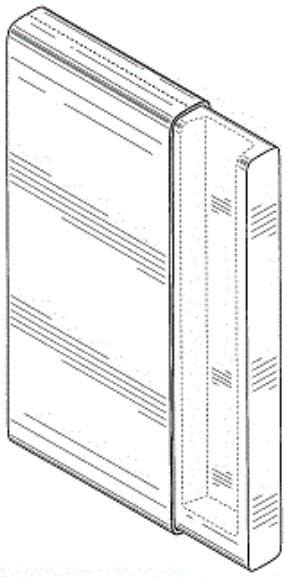
21: A2018/01342 22: 2018-08-28 23:
43: 2019-05-17

52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/660,806 32: 2018-08-22
33: US 31: 29/638,723 32: 2018-02-28
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



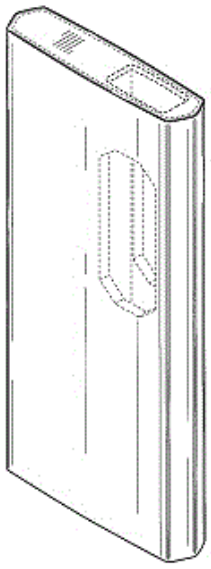
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW

21: A2018/01343 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/660,806 32: 2018-08-22
33: US 31: 29/638,723 32: 2018-02-28
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



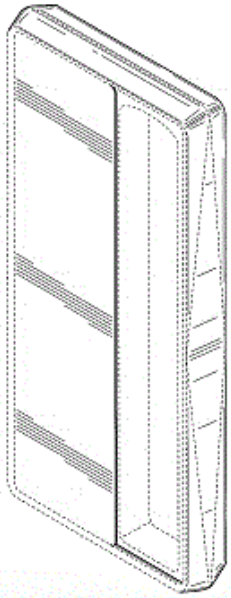
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW

21: A2018/01344 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/660,806 32: 2018-08-22
33: US 31: 29/638,723 32: 2018-02-28
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



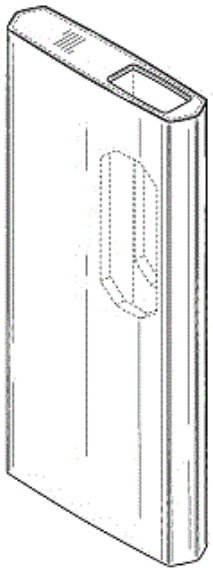
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW

21: A2018/01345 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/638,723 32: 2018-02-28
33: US 31: 29/660,806 32: 2018-08-22
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



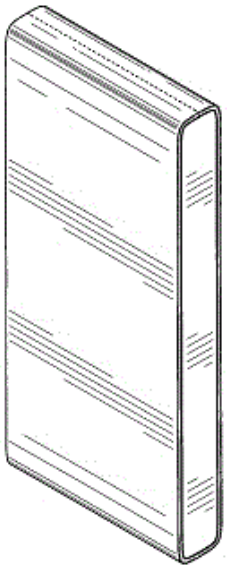
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW

21: A2018/01346 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/660,806 32: 2018-08-22
33: US 31: 29/638,723 32: 2018-02-28
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



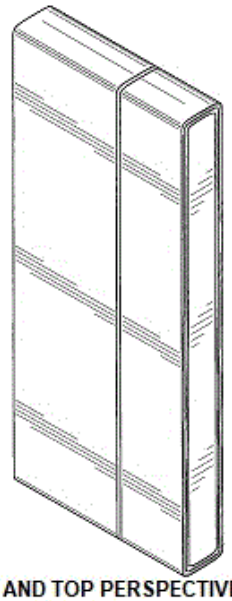
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW

21: A2018/01347 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/660,806 32: 2018-08-22
33: US 31: 29/638,723 32: 2018-02-28
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



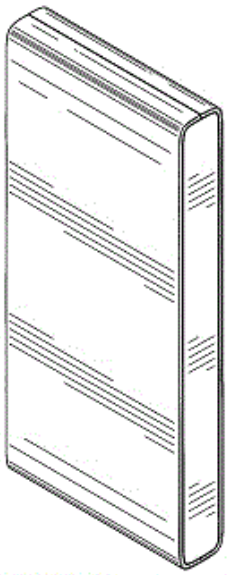
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW IN A CLOSED CONFIGURATION

21: A2018/01348 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/638,723 32: 2018-02-28
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



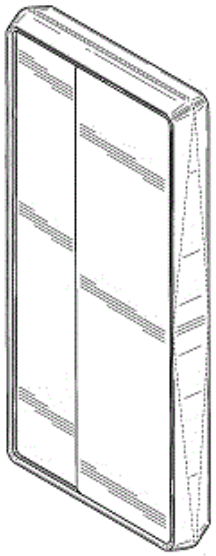
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW IN A CLOSED CONFIGURATION

21: A2018/01349 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/638,723 32: 2018-02-28
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



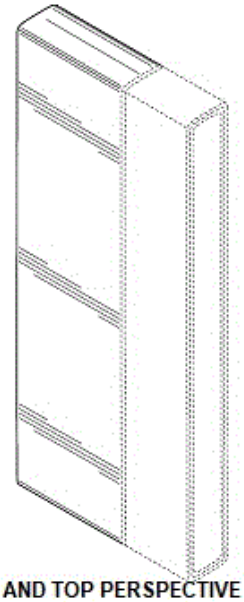
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW IN A CLOSED CONFIGURATION

21: A2018/01350 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/638,723 32: 2018-02-28
33: US 31: 29/660,806 32: 2018-08-22
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



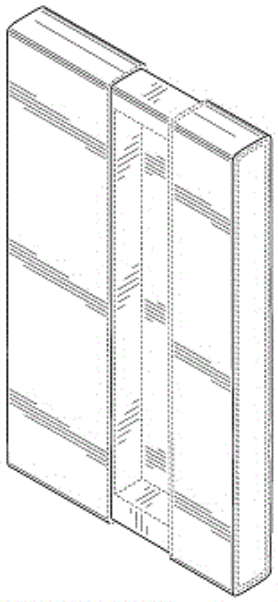
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW IN A CLOSED CONFIGURATION

21: A2018/01351 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/638,723 32: 2018-02-28
33: US 31: 29/660,806 32: 2018-08-22
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



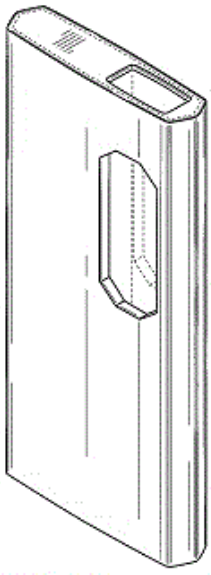
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW IN A CLOSED CONFIGURATION

21: A2018/01352 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/638,723 32: 2018-02-28
33: US 31: 29/660,806 32: 2018-08-22
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



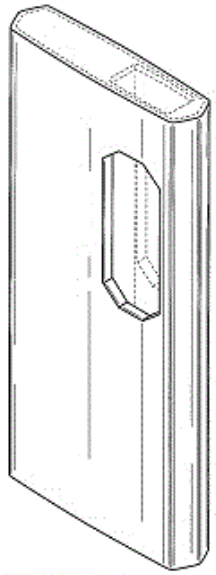
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW

21: A2018/01353 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/638,723 32: 2018-02-28
33: US 31: 29/660,806 32: 2018-08-22
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



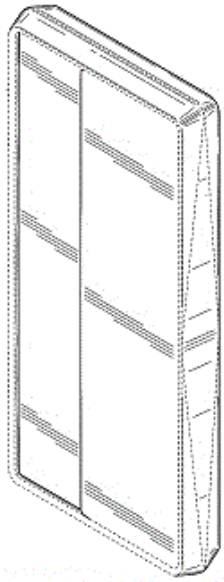
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW

21: A2018/01354 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/638,723 32: 2018-02-28
33: US 31: 29/660,806 32: 2018-08-22
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



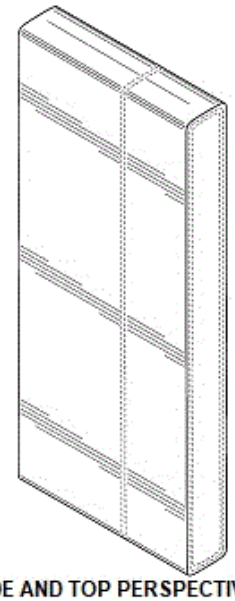
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW

21: A2018/01355 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/660,806 32: 2018-08-22
33: US 31: 29/638,723 32: 2018-02-28
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



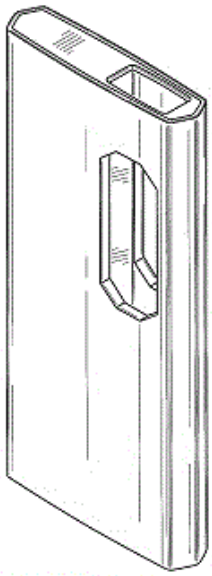
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW

21: A2018/01356 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/660,806 32: 2018-08-22
33: US 31: 29/638,723 32: 2018-02-28
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



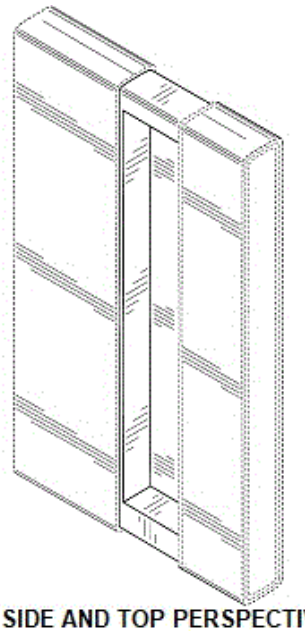
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW IN A CLOSED CONFIGURATION

21: A2018/01357 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/638,723 32: 2018-02-28
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



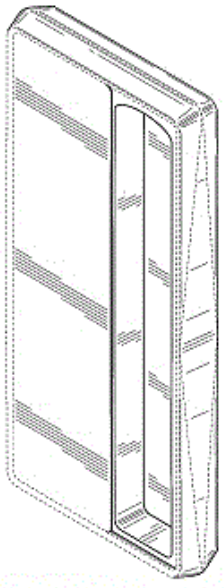
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW

21: A2018/01358 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/660,806 32: 2018-08-22
33: US 31: 29/638,723 32: 2018-02-28
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



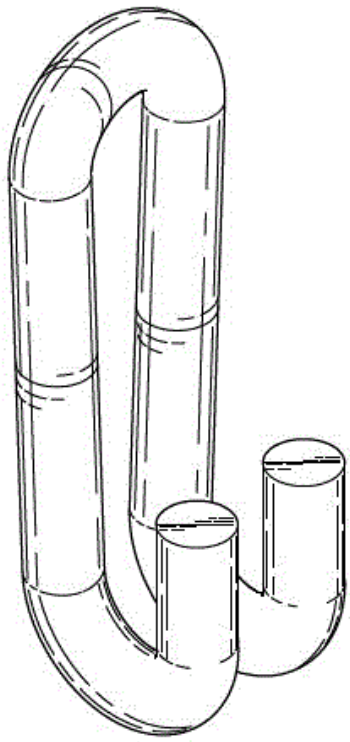
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW

21: A2018/01359 22: 2018-08-28 23:
43: 2019-05-17
52: Class 27. 24: Part A
71: JUUL LABS, INC.
33: US 31: 29/660,806 32: 2018-08-22
33: US 31: 29/638,723 32: 2018-02-28
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



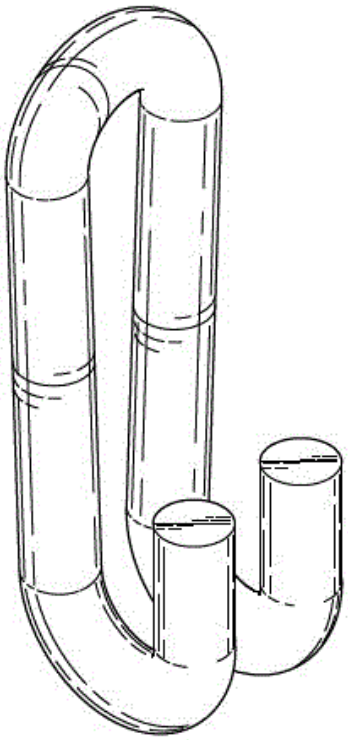
FRONT, RIGHT SIDE AND TOP PERSPECTIVE VIEW

21: A2018/01362 22: 2018-08-29 23:
43: 2018-08-29
52: Class 8 24: Part A
71: ROCBOLT TECHNOLOGIES (PTY) LTD.
54: DOUBLE HOOKS
57: The design is for a double hook which is formed from a single elongate element bent in various places. The elongate element has a central, U-shaped bend to form a central U-shaped portion having a pair of arms. An end of each arm also has a U-shaped bend to form a pair of hook portions. The arms before their hook portions are linear and converge slightly. The hook portions are bent by slightly more than 180 degrees, being inwardly tilted. The U-shaped bend of the central U-shaped portion is transverse to the U-shaped bends of the hook portions.



Three-dimensional view from top

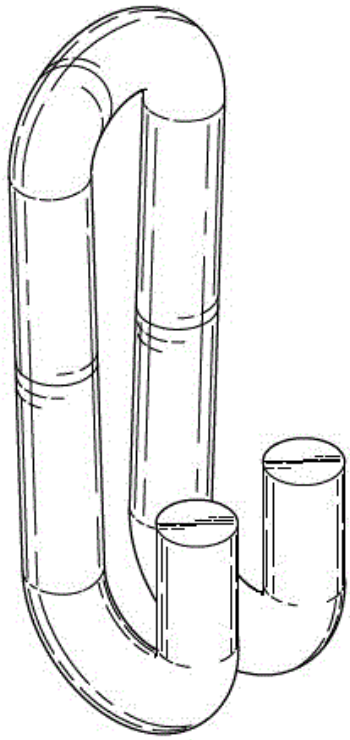
21: A2018/01363 22: 2018-08-29 23:
43: 2018-08-29
52: Class 25 24: Part A
71: ROCBOLT TECHNOLOGIES (PTY) LTD.
54: DOUBLE HOOKS
57: The design is for a double hook which is formed from a single elongate element bent in various places. The elongate element has a central, U-shaped bend to form a central U-shaped portion having a pair of arms. An end of each arm also has a U-shaped bend to form a pair of hook portions. The arms before their hook portions are linear and converge slightly. The hook portions are bent by slightly more than 180 degrees, being inwardly tilted. The U-shaped bend of the central U-shaped portion is transverse to the U-shaped bends of the hook portions.



Three-dimensional view from top

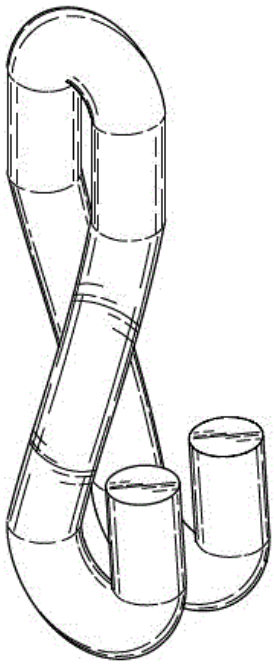
21: A2018/01364 22: 2018-08-29 23:
43: 2018-08-29
52: Class 29 24: Part A
71: ROCBOLT TECHNOLOGIES (PTY) LTD.
54: DOUBLE HOOKS
57: The design is for a double hook which is formed from a single elongate element bent in various places. The elongate element has a central, U-shaped bend to form a central U-shaped portion having a pair of arms. An end of each arm also has a U-shaped bend to form a pair of hook portions.

The arms before their hook portions are linear and converge slightly. The hook portions are bent by slightly more than 180 degrees, being inwardly tilted. The U-shaped bend of the central U-shaped portion is transverse to the U-shaped bends of the hook portions.



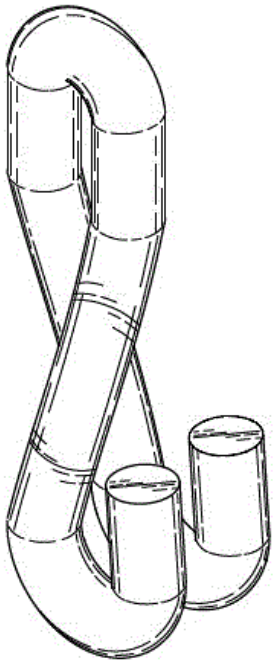
Three-dimensional view from top

21: A2018/01365 22: 2018-08-29 23:
43: 2018-08-29
52: Class 8 24: Part A
71: ROCBOLT TECHNOLOGIES (PTY) LTD.
54: DOUBLE HOOKS
57: The design is for a double hook which is formed from a single elongate element bent in various places. The elongate element has a central, U-shaped bend to form a central U-shaped portion having a pair of arms. An end of each arm also has a U-shaped bend to form a pair of hook portions. The arms before their hook portions are twisted by 90 degrees relative to the U-shaped bend of the central U-shaped portion. The hook portions are bent by slightly more than 180 degrees, being inwardly tilted. The U-shaped bend of the central U-shaped portion is parallel to the U-shaped bends of the hook portions.



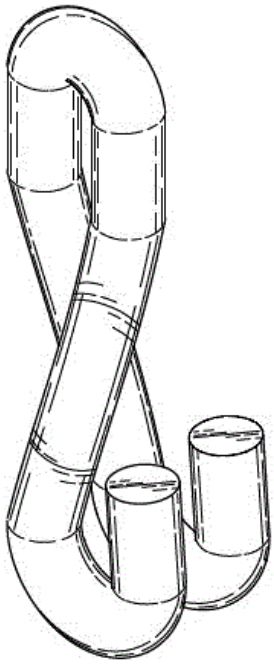
Three-dimensional view from top

21: A2018/01366 22: 2018-08-29 23:
43: 2018-08-29
52: Class 25 24: Part A
71: ROCBOLT TECHNOLOGIES (PTY) LTD.
54: DOUBLE HOOKS
57: The design is for a double hook which is formed from a single elongate element bent in various places. The elongate element has a central, U-shaped bend to form a central U-shaped portion having a pair of arms. An end of each arm also has a U-shaped bend to form a pair of hook portions. The arms before their hook portions are twisted by 90 degrees relative to the U-shaped bend of the central U-shaped portion. The hook portions are bent by slightly more than 180 degrees, being inwardly tilted. The U-shaped bend of the central U-shaped portion is parallel to the U-shaped bends of the hook portions.



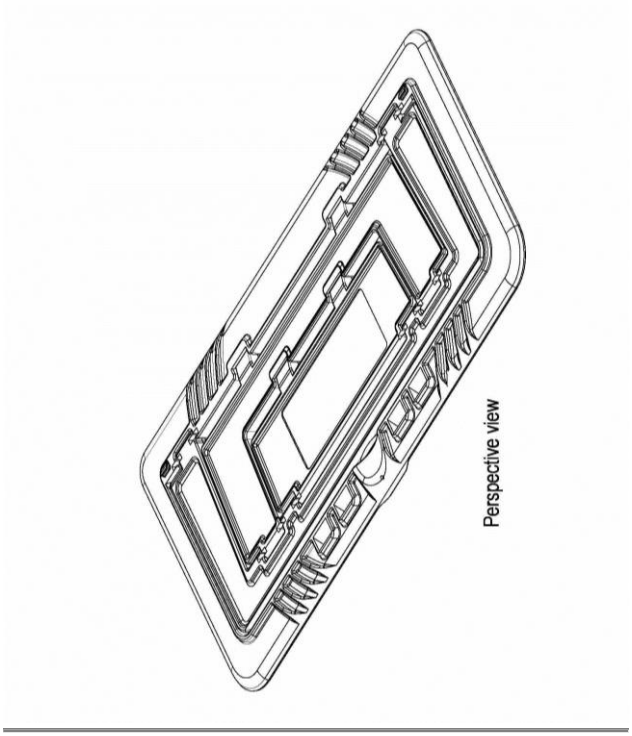
Three-dimensional view from top

21: A2018/01367 22: 2018-08-29 23:
43: 2018-08-29
52: Class 29 24: Part A
71: ROCBOLT TECHNOLOGIES (PTY) LTD.
54: DOUBLE HOOKS
57: The design is for a double hook which is formed from a single elongate element bent in various places. The elongate element has a central, U-shaped bend to form a central U-shaped portion having a pair of arms. An end of each arm also has a U-shaped bend to form a pair of hook portions. The arms before their hook portions are twisted by 90 degrees relative to the U-shaped bend of the central U-shaped portion. The hook portions are bent by slightly more than 180 degrees, being inwardly tilted. The U-shaped bend of the central U-shaped portion is parallel to the U-shaped bends of the hook portions.

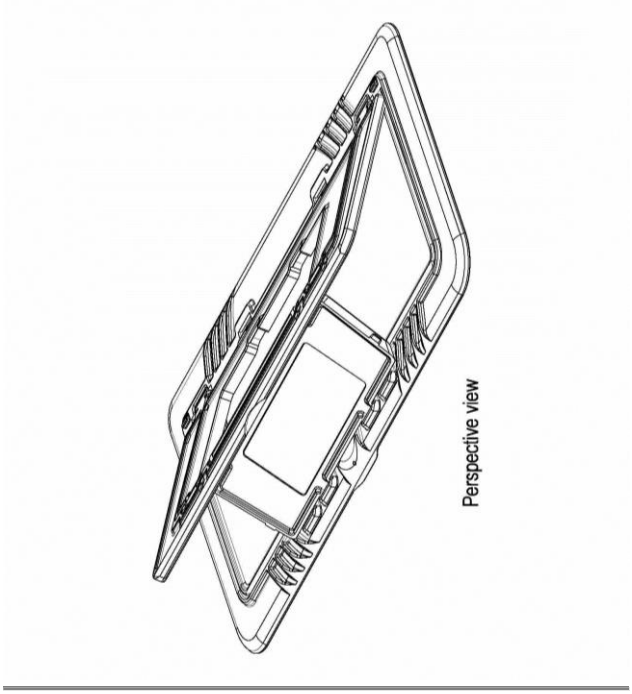


Three-dimensional view from top

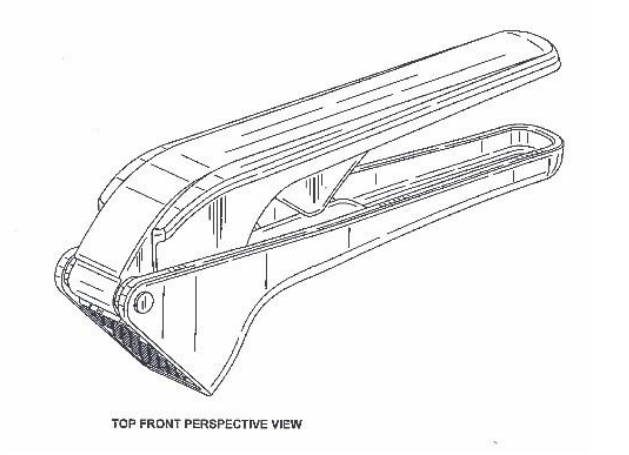
21: A2018/01368 22: 2018-08-29 23:
43: 2018-08-29
52: Class 14 24: Part A
71: M2W Products (Pty) Ltd
54: Stands for Electronic Devices
57: The design is for stands for electronic devices, particularly, laptop computers, mobile phones and tablets. The stand is generally planar and is attachable to an undersurface of the electronic device. The stand comprises a main frame, a sub-frame, a first insert, and a second insert arranged in a nested fashion substantially co-planarly. The sub-frame is hingedly connected to and displaceable from the main frame in a transverse fashion. The first insert is hingedly connected to and displaceable from the sub-frame in a transverse fashion and the second insert is hingedly connected to and displaceable from the first insert in a transverse fashion. Non-hinged ends of the second insert and first insert comprise engagement formations which are engageable with complementary engaging formations on the main frame.



21: A2018/01370 22: 2018-08-29 23:
43: 2018-08-29
52: Class 14 24: Part A
71: M2W Products (Pty) Ltd
54: Stands for Electronic Devices
57: The design is for stands for electronic devices, particularly, laptop computers. The stands are planar and attachable to undersurfaces of electronic devices. Each stand comprises a main frame, a sub-frame, a first insert, and a second insert arranged in a nested co-planar fashion. The sub-frame is hingedly connected to and displaceable from the main frame in a transverse fashion. The first insert is hingedly connected to and displaceable from the sub-frame in a transverse fashion and the second insert is hingedly connected to and displaceable from the first insert in a transverse fashion. Non-hinged ends of the second insert and first insert comprise engagement formations engageable with complementary formations on the main frame. With the sub-frame and second frame displaced relative to the first frame, the non-hinged end of the second frame is engaged with the main frame to operate the stand to an elevation determined by the second frame.

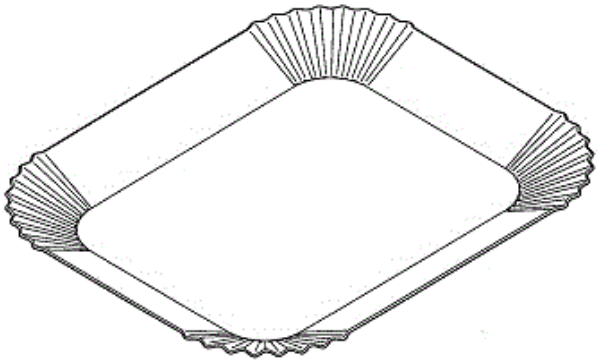


21: A2018/01372 22: 2018-08-30 23:
43: 2019-05-17
52: Class 07 24: Part A
71: DART INDUSTRIES INC.
33: US 31: 29/641,404 32: 2018-03-22
54: GARLIC PRESS
57: The design relates to a Garlic Press. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



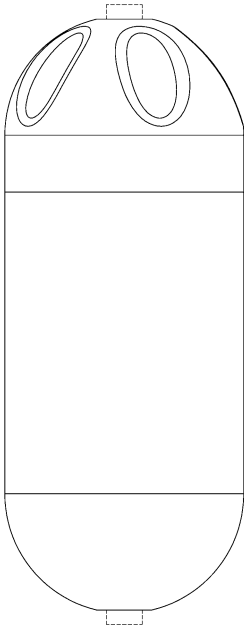
21: A2018/01377 22: 2018-08-31 23: 2018-06-18
43: 2019-05-17
52: Class 9. 24: Part A
71: MPACT LIMITED
54: Tray

57: The design relates to a tray. The features of the design are those of shape and/or configuration.

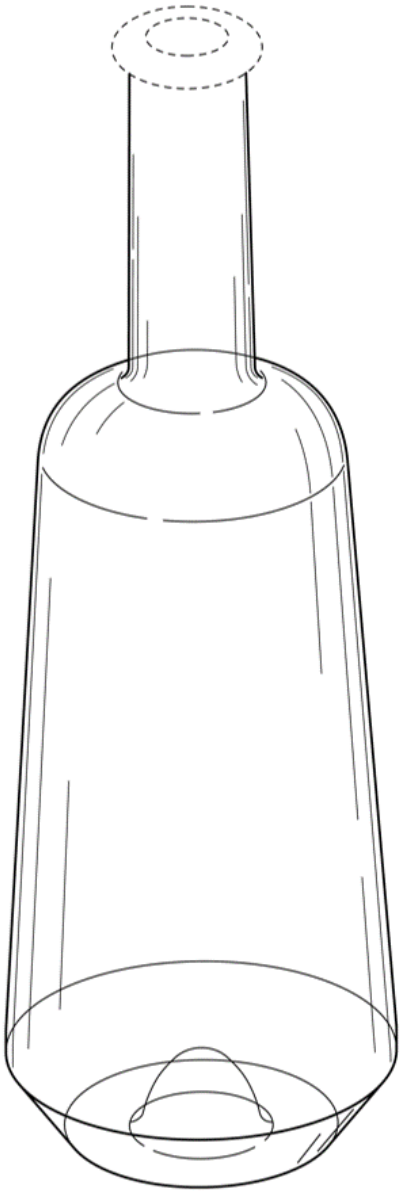


PERSPECTIVE VIEW

21: A2018/01412 22: 2018-09-11 23:
43: 2019-06-04
52: Class 23 24: Part A
71: KUSINI WATER (PTY) LTD
54: WATER FILTER
57: The features of the design for which protection is claimed reside in the shape and/or configuration of a water filter substantially as shown in the accompanying representations irrespective of the features shown in broken lines. The water filter is shaped and configured for filtering water from one end of the filter to the opposite end of the filter by passing through filter media in the filter.



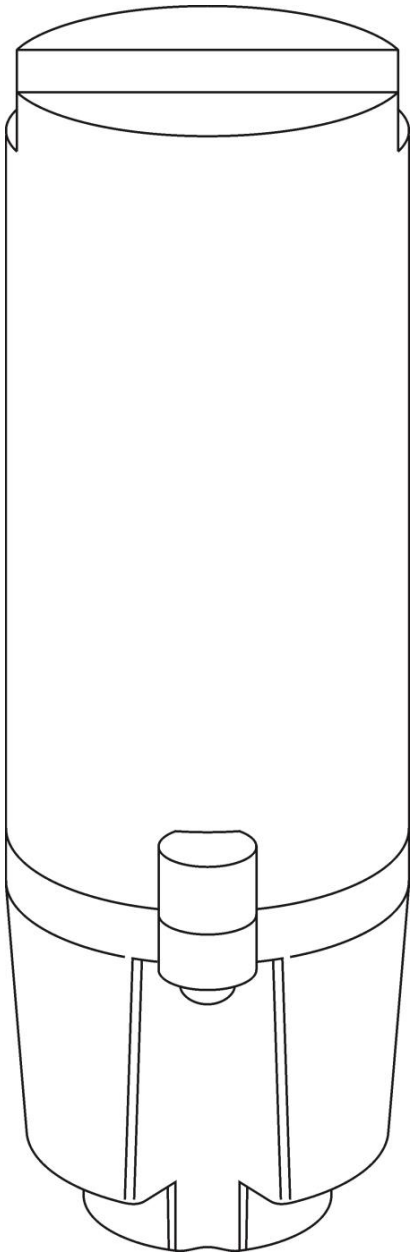
21: A2018/01431 22: 2018-09-14 23:
43: 2019-06-04
52: Class 09 24: Part A
71: SAVERGLASS
33: EU 31: 005287356-0001 32: 2018-05-29
54: BOTTLE
57: The design relates to a bottle. The features of the design for which protection is claimed reside in the shape and/or configuration of a bottle as shown in the accompanying representations.



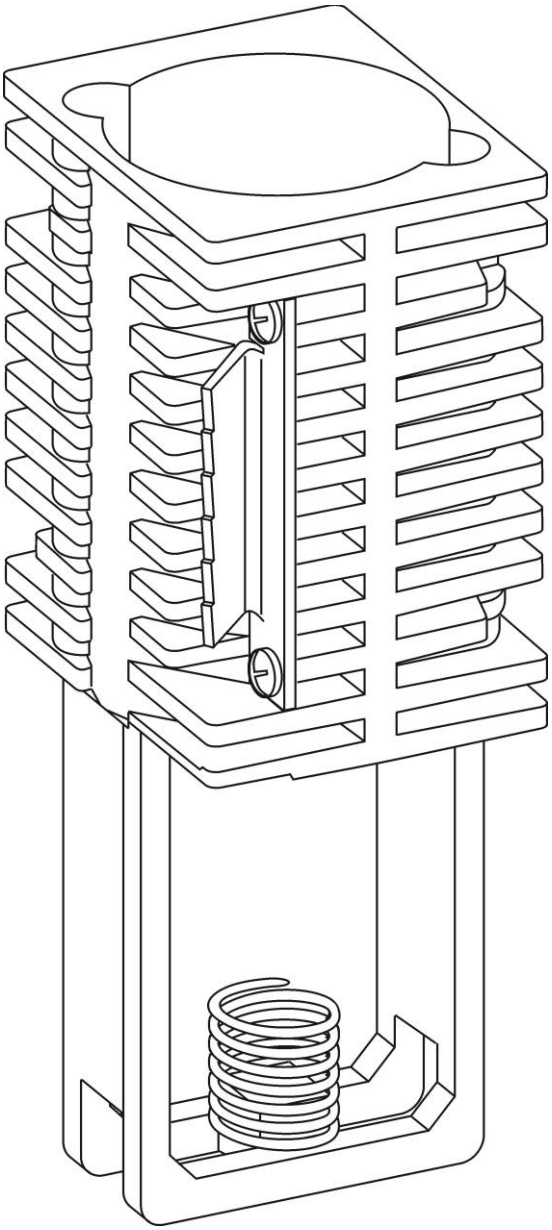
21: A2018/01432 22: 2018-09-14 23:
43: 2019-06-04
52: Class 09 24: Part A
71: SAVERGLASS
33: EU 31: 005287356-0002 32: 2018-05-29
54: BOTTLE
57: The design relates to a bottle. The features of the design for which protection is claimed reside in the shape and/or configuration of a bottle as shown in the accompanying representations.



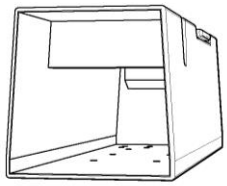
21: A2018/01446 22: 2018-09-19 23:
43: 2019-06-04
52: Class 09 24: Part A
71: MEIRING, Peter Alexander
54: A CAPSULE
57: The design relates to a capsule. The features of the design for which protection is claimed are those of the shape and/or configuration of the capsule as shown in the accompanying representations. The features shown in broken lines are disclaimed from protection.



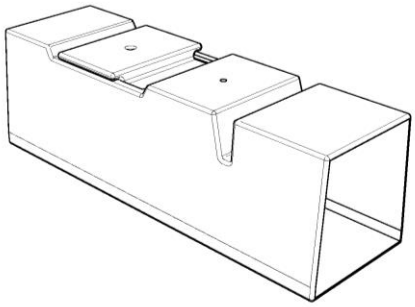
21: A2018/01448 22: 2018-09-19 23:
43: 2019-06-04
52: Class 09 24: Part A
71: MEIRING, Peter Alexander
54: A RECEPTACLE
57: The design relates to a receptacle. The features of the design for which protection is claimed are those of the shape and/or configuration of the receptacle as shown in the accompanying representations. The features shown in broken lines are disclaimed from protection.



21: A2018/01469 22: 2018-09-25 23:
43: 2019-06-06
52: Class 22 24: Part A
71: S A SENSATIONAL SEAFOODS CC
54: A TRAP
57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration and/or ornamentation of A TRAP substantially as illustrated in the accompanying representations.

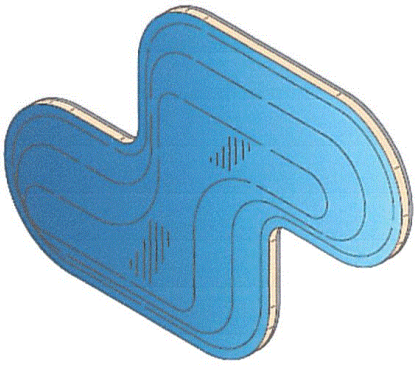


FIRST PERSPECTIVE VIEW



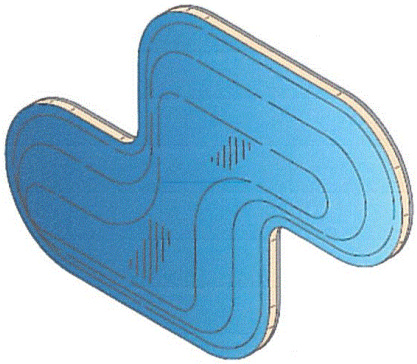
SECOND PERSPECTIVE VIEW

21: A2018/01482 22: 2018-09-27 23:
43: 2019-06-06
52: Class 10 24: A
71: MJN U.S. HOLDINGS LLC
33: US 31: 29/642003 32: 2018-03-27
54: THERMOMETER
57: The design is to be applied to a thermometer. The features for which protection is claimed are those of shape and/or colour and/or configuration, substantially as shown in the representations. The broken lines are for illustrative purposes only and form no part of the claimed design.



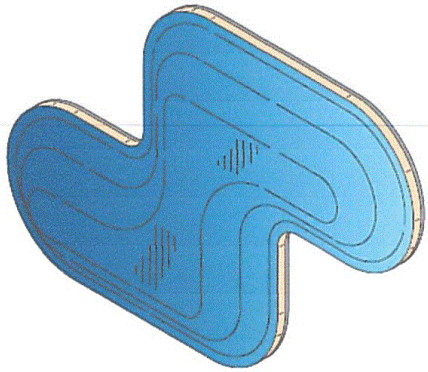
Front perspective view from top and right side

21: A2018/01483 22: 2018-09-27 23:
43: 2019-06-06
52: Class 10 24: A
71: MJN U.S. HOLDINGS LLC
33: US 31: 29/642003 32: 2018-03-27
54: THERMOMETER
57: The design is to be applied to a thermometer. The features for which protection is claimed are those of shape and/or colour and/or configuration, substantially as shown in the representations.



Front perspective view from top and right side

21: A2018/01484 22: 2018-09-27 23:
43: 2019-06-06
52: Class 10 24: A
71: MJN U.S. HOLDINGS LLC
33: US 31: 29/642003 32: 2018-03-27
54: THERMOMETER
57: The design is to be applied to a thermometer. The features for which protection is claimed are those of shape and/or colour and/or configuration, substantially as shown in the representations.

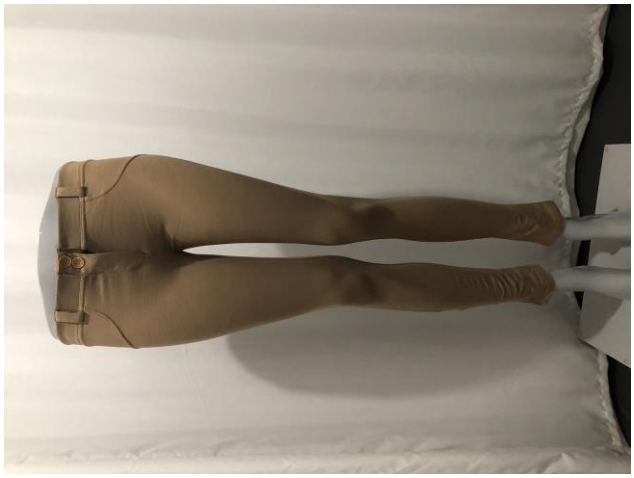


Front perspective view from top and right side

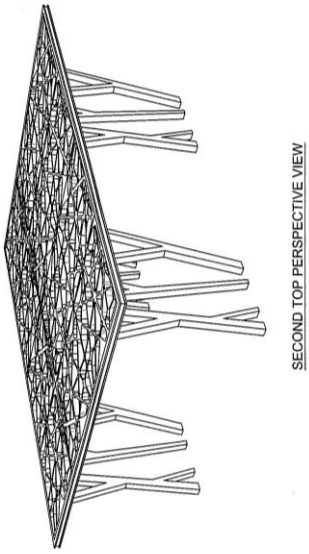
21: A2018/01518 22: 2018-10-01 23:
43: 2019-06-14
52: Class 12 24: Part A
71: AUDI AG
33: EU 31: 005499589-0001 32: 2018-07-10
54: MOTOR VEHICLE
57: The design relates to a motor vehicle. The features of the design for which protection is claimed are those of the shape and/or configuration of the motor vehicle substantially as shown in the accompanying representations. Wheel rims and lights shown on the vehicle do not form part of the design and are disclaimed.



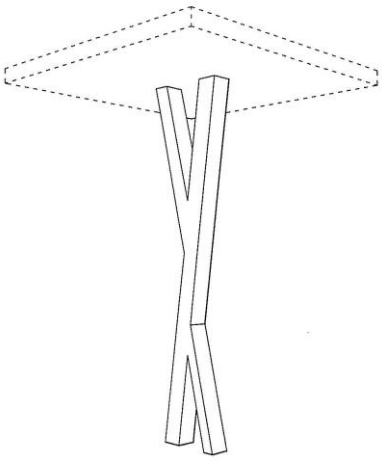
21: A2018/01528 22: 2018-10-03 23:
43: 2019-06-14
52: Class 2 24: Part A
71: Danielle Pretorius
54: CURVIFY JEANS
57: The design relates to a Curvify Jeans . The features of the design are those of pattern and/or shape and/or configuration and/or ornamentation.



21: A2018/01530 22: 2018-10-03 23:
43: 2019-06-14
52: Class 25 24: A
71: ECON OIL AND ENERGY (PTY) LTD
54: SUPPORT PILLARS AND ROOF
57: The design relates to support pillars and a roof. The features of the design for which protection is claimed reside in the shape and/or configuration of support pillars and a roof, substantially as illustrated in the accompanying representations, irrespective of the relative spatial positioning, in a horizontal plane, of the support pillars to the roof and the spatial positioning of the support pillars relative to each other.

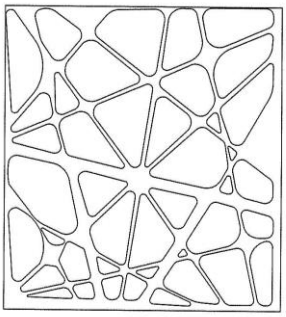


21: A2018/01531 22: 2018-10-03 23:
43: 2019-06-14
52: Class 25 24: A
71: ECON OIL AND ENERGY (PTY) LTD
54: SET OF SUPPORT PILLARS
57: The design relates to a set of bifurcated pillars for supporting a roof. The features of the design for which protection is claimed reside in the shape and/or configuration of a set of pillars, substantially as illustrated in the accompanying representations, irrespective of the shape and/or size and/or configuration and/or ornamentation and/or pattern of the roof which is being supported by the pillars.



FIRST PERSPECTIVE VIEW
OF FIRST PILLAR

21: A2018/01533 22: 2018-10-03 23:
43: 2019-06-14
52: Class 25 24: A
71: ECON OIL AND ENERGY (PTY) LTD
54: ROOF PANEL
57: The design relates to a roof panel. The features of the design for which protection is claimed reside in the shape and/or ornamentation and/or pattern of a roof panel, substantially as illustrated in the accompanying representations, irrespective of the size of the roof panel.

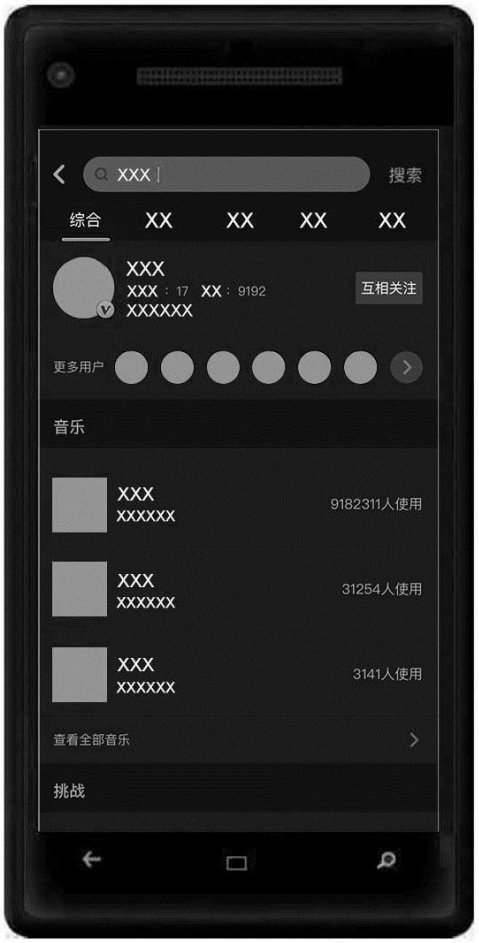


TOP PLAN VIEW

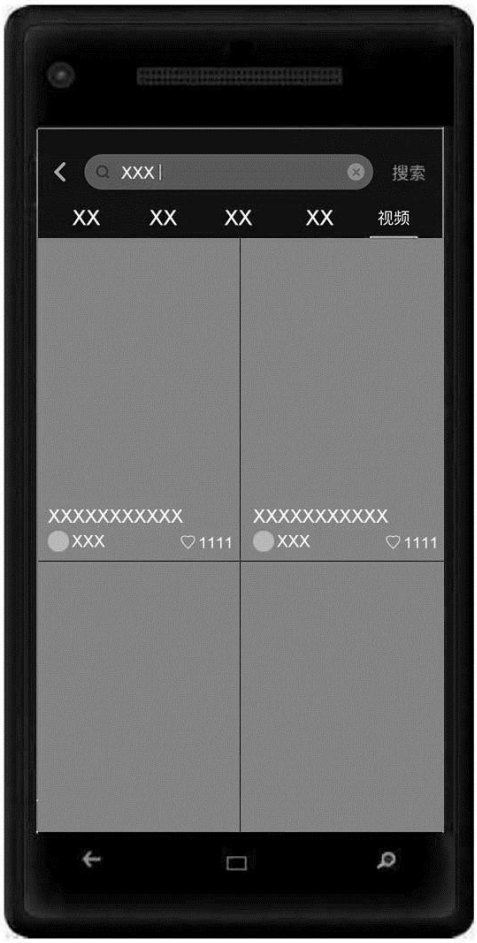
21: A2018/01555 22: 2018-10-09 23:
43: 2019-07-10
52: Class 04 24: Part A
71: ELIZABETH ALIDA KRUGER
54: BACK BRUSH
57: The brush is designed with a special convenient handle to reach easily every part of the back which is usually neglected. 1. Wash your back 2. Massage 3. Apply cream 4. Scratch itching back



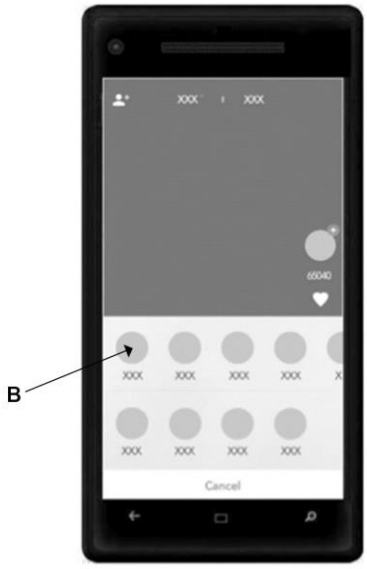
21: A2018/01567 22: 2018-10-15 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Kuaimajiabian Technology Co. Ltd
33: CN 31: 201830154982.9 32: 2018-04-16
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. The graphical user interface comprises a long interface displaying a comprehensive search. In use, by sliding up or down the interface, a list of information regarding all modules (e.g., user, music, challenge, video, etc.) may be viewed by a user. By triggering module buttons corresponding to the search columns, search interfaces of the corresponding modules may be accessed, respectively



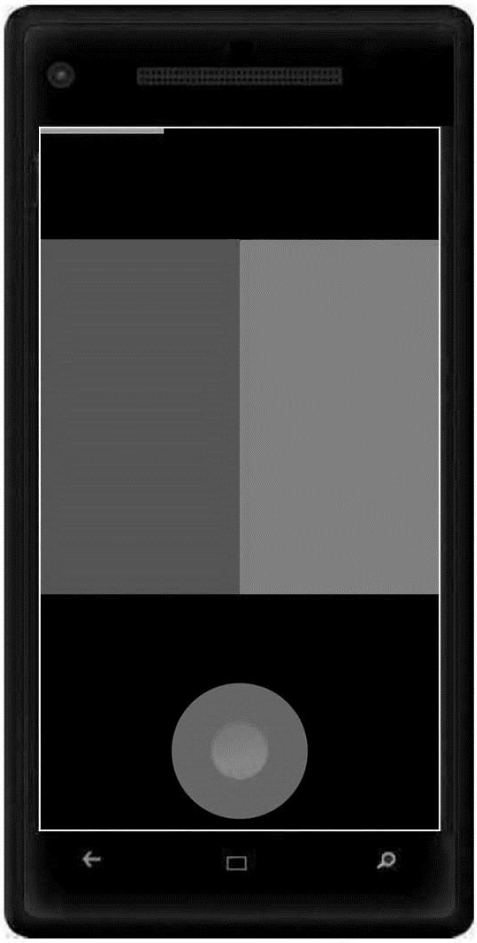
21: A2018/01568 22: 2018-10-15 23:
43: 2019-06-24
52: Class 32 24: Part A
71: Beijing Kuaimajiabian Technology Co. Ltd
33: CN 31: 201830155407.0 32: 2018-04-16
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. The front view interface shows a page of a detailed list of search results under the “video” module option. In use, the user may slide up or down the list of search results so as to display more videos. By clicking a certain video in the list of videos, the user may play the video. In the front view, XXX represent words.



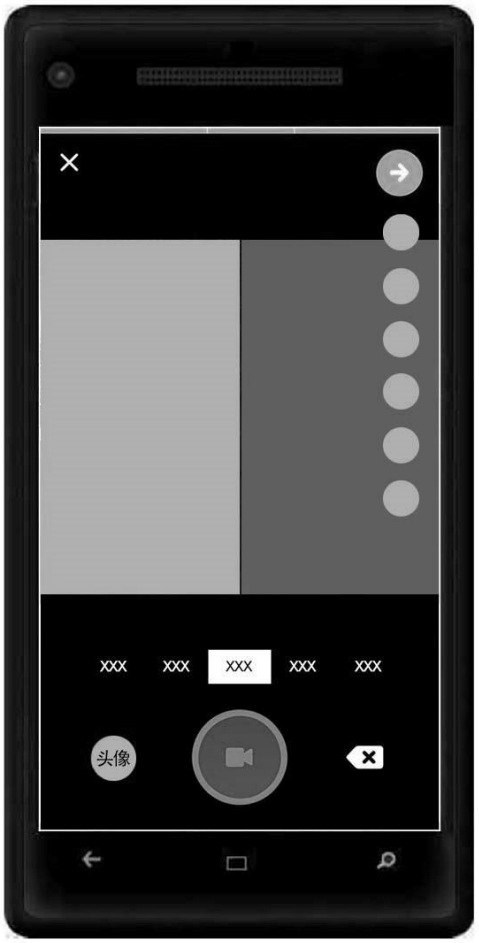
21: A2018/01570 22: 2018-10-16 23:
43: 2019-06-24
52: Class 32 24: Part A
71: Beijing Kuaimajiabian Technology Co. Ltd
33: CN 31: 201830169841.4 32: 2018-04-23
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. The graphical user interface comprises an interface for capturing and sharing a video. Function buttons (B) on the interface may be slid transversely so as to display more function buttons. Function buttons (B) in the second row provide for video capturing and function buttons (B) in the first row provide for the sharing capability.



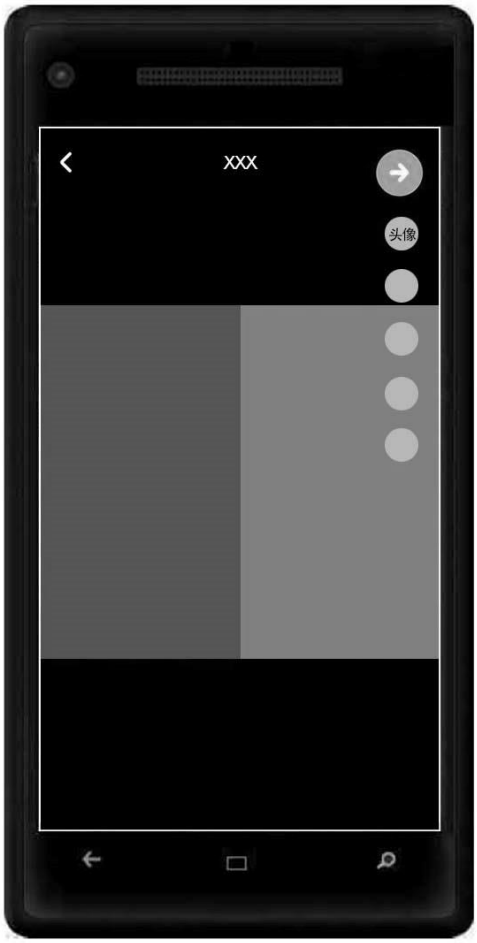
21: A2018/01573 22: 2018-10-16 23:
43: 2019-06-13
52: Class 32 24: Part A
71: Beijing Kuaimajiabian Technology Co. Ltd
33: CN 31: 201830170092.7 32: 2018-04-23
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. The graphical user interface comprises an interface which displays simultaneously in split screens, an image of an existing video on a first split screen and an image of the currently being captured video on a second split screen. A horizontal bar graph located at the top of the screen shows the progress state of the process of capturing the second video. In use, the user may select a speed for capturing the video by triggering a speed option function button; by triggering a capture button, the user may start capturing the current video. In the front view, XXX represent words.



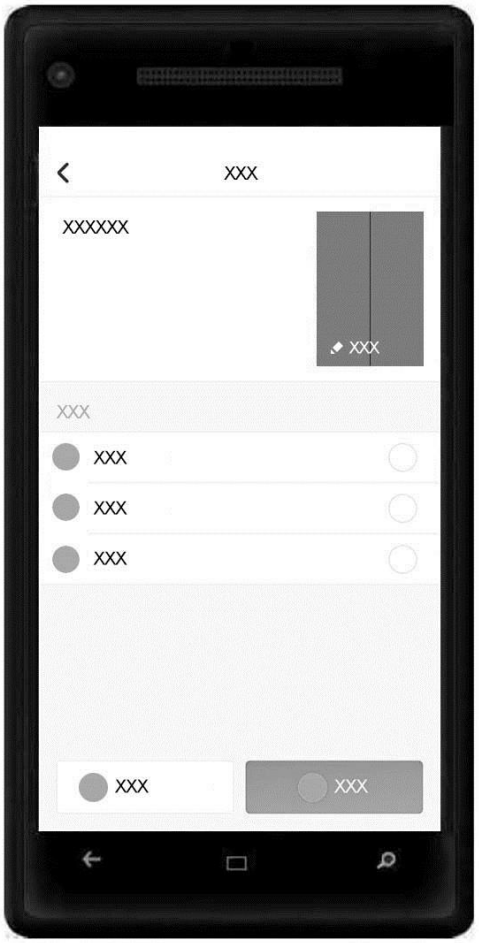
21: A2018/01574 22: 2018-10-16 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Kuaimajiabian Technology Co. Ltd
33: CN 31: 201830170091.2 32: 2018-04-23
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. In the attached front view interface a new video which has been completely captured is shown. In use, a user triggers a function button (?) to preview the video; by triggering a function button, the user may process and/or edit the video. In the front view, XXX represent words.



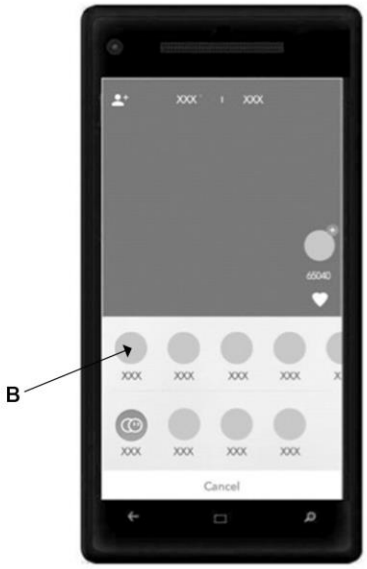
21: A2018/01575 22: 2018-10-16 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Kuaimajiabian Technology Co. Ltd
33: CN 31: 201830169819.X 32: 2018-04-23
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. In the attached front view interface shows a video interface for previewing a captured video. In use, a user triggers a function button (?) to generate the captured video; by triggering a function button, the user may process and/or edit the video. In the front view, XXX represent words.



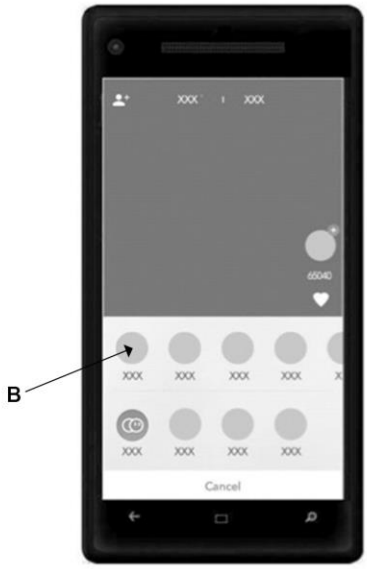
21: A2018/01576 22: 2018-10-16 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Kuaimajiabian Technology Co. Ltd
33: CN 31: 201830170078.7 32: 2018-04-23
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. In the attached front view interface shows a sharing interface for a captured video. In use, the user may edit the textual contents, click various social share software options, trigger a relevant function button, and share the generated video. In the front view interface, XXX represent words.



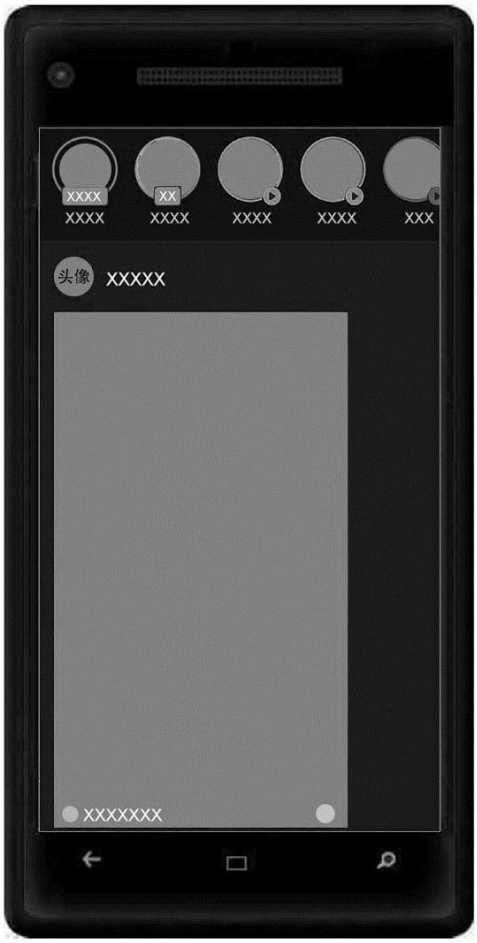
21: A2018/01577 22: 2018-10-16 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Kuaimajiabian Technology Co. Ltd
33: CN 31: 201830170077.2 32: 2018-04-23
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. In the attached front view interface shows an interface for capturing and sharing a video. In use, function buttons on the interface may be slid transversely so as to display more function buttons. A user may click a function button on the interface to share the video. By clicking a specific capture function button in the interface, the user may access a capture mode. In the front view, XXX represent words.



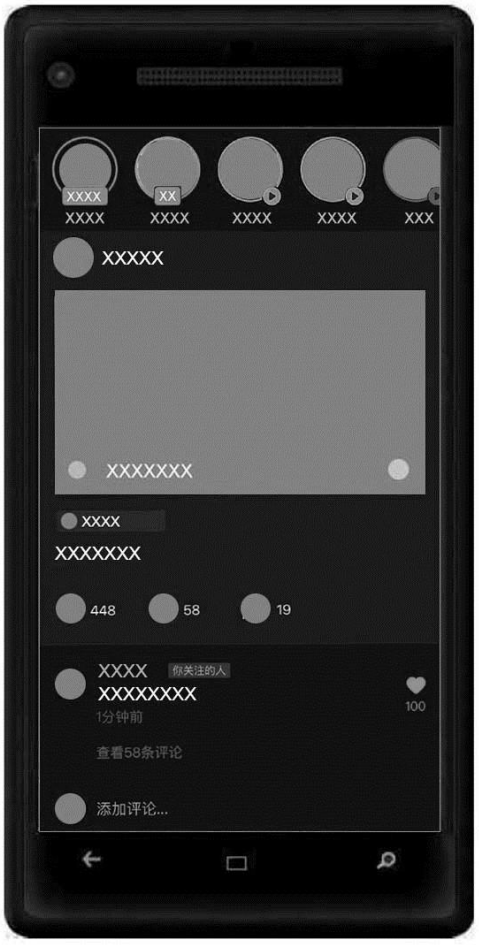
21: A2018/01581 22: 2018-10-16 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Kuaimajiabian Technology Co., Ltd
33: CN 31: 201830184774.3 32: 2018-04-27
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. The graphical user interface comprises an interface for capturing and sharing a video. In use, Function buttons (B) on the interface may be slid transversely so as to display more function buttons. A user may click a function button on the interface to share the video. By clicking a specific capture function button (e.g. Duet) on the interface, the user may access a split-screen capture mode, where one column displays the capturing of a current video and one column displays the to-be-captured content, as shown in the state changing view. In the interfaces shown in the front view and the state changing view, XXX represent words.



21: A2018/01594 22: 2018-10-17 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Kuaimajiabian Technology Co. Ltd
33: CN 31: 201830195217.1 32: 2018-05-03
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. In use, through interactive operations, a user may play (pause)/ a video/picture in full-screen or view the picture/ video in a large view (scaled-down), browse/ reply to comments made by a person. The first state changing view shows an interface of a front view where the user slides up, displaying all “follow” interfaces and showing the persons following the content (video/picture) and the comments on them. The user may click a middle region of the video/picture or click a function button in the video/ picture to play or view the video/picture on the full screen. No function buttons such as audio or pause are displayed on the video/picture in the full screen state. In the interfaces shown in the front view, the first state changing view, and the second state changing view, XXX represent words.



21: A2018/01595 22: 2018-10-17 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Kuaimajiabian Technology Co. Ltd
33: CN 31: 201830195215.2 32: 2018-05-03
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. In use, through interactive operations, a user may play (pause) a video or picture in full-screen or view the picture or video in a large view (scaled-down), browse or reply to comments of made by a person. The front view in the attached representations show so-called “follow” interfaces which allows a user to follow friends, pictures and/or videos, and comment on the pictures and/or videos. The application has a progress bar which, in use, changes with the advancement of the video. The user may click a middle region of the video or picture or click a function button in the video or picture to play or view the video or picture in full screen. No function buttons such as audio or pause are displayed on the video or picture in the full screen state. In the interfaces shown in the front views, and the interfaces of the state changing views of the first design and the second design, XXX represent words.



21: A2018/01596 22: 2018-10-17 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Kuaimajiabian Technology Co. Ltd
33: CN 31: 201830195556.X 32: 2018-05-03
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. In use, through interactive operations, a user may view the content (video or photograph) in full-screen view or in scaled-down view and browse or reply to comments from a person or fan. The state changing view interface is an interface displaying all “follow” interfaces which show followed friends, pictures or videos and comments on them. The user may click

the middle region of a video or picture or click a function button in the video or picture to play or view the video or picture in full screen; function buttons such as audio or pause are not displayed for the video or picture in the full-screen state. In the front view interface and the state changing view interface, XXX represent words.

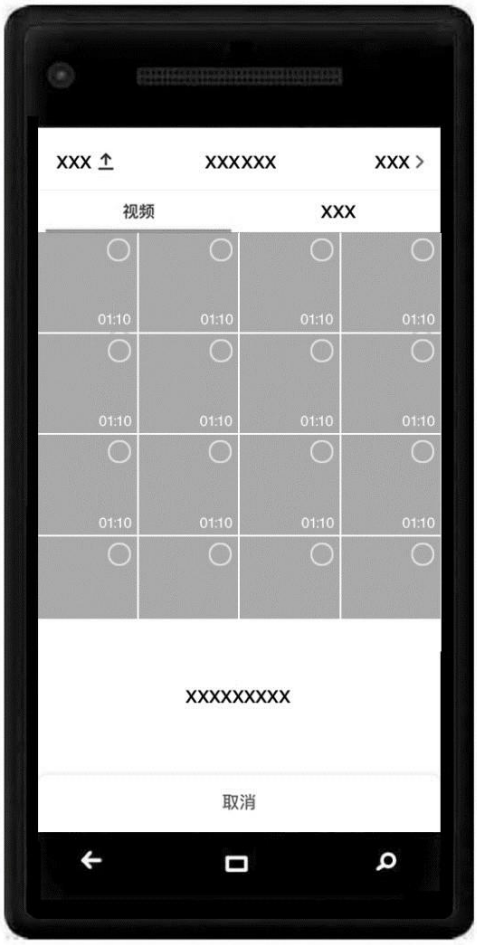


21: A2018/01597 22: 2018-10-17 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Kuaimajiabian Technology Co. Ltd
33: CN 31: 201830195554.0 32: 2018-05-03
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. In use, through interactive operations, a user may browse comments. When the user clicks a “XX” button in the interface of the front view, a comment column will gradually pop out from the bottom of the interface so as to present more comments. The presentation effects are sequentially shown in the first state changing view, the second state changing view, and the third state changing view. In the interfaces shown in the first state changing view, the second state changing view, and the third state changing view, XXX represent words.

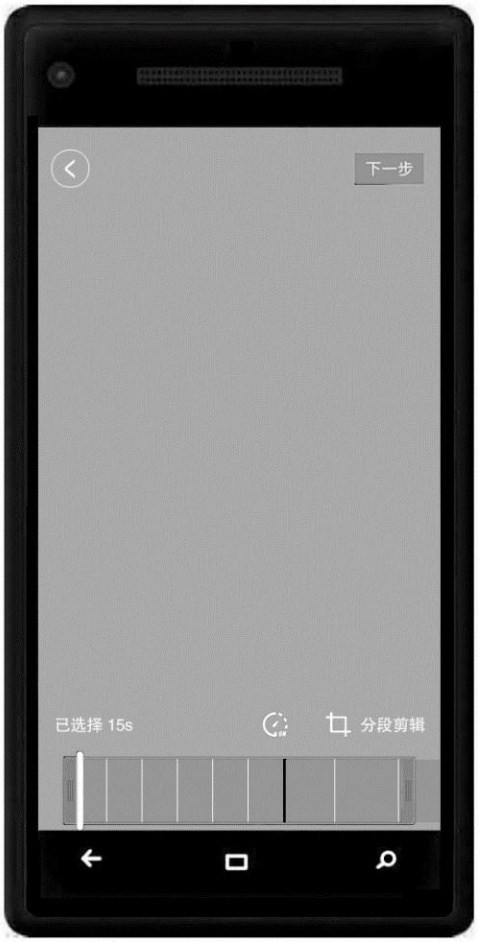


21: A2018/01599 22: 2018-10-17 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Microlive Vision Technology Co. Ltd
33: CN 31: 201830289135.3 32: 2018-06-08
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. The front view interface shows a page of a detailed list of videos. In use, the user selects a video by checking a selection area; the selected video is presented below the interface. Deselection is enabled by clicking the “X” mark, as shown in the first state changing view; when the user selects 12 videos,

other videos are displayed in grey, as shown in the second state changing view. In the interfaces shown in the front view, the first state changing view, and the second state changing view, XXX represent words.



21: A2018/01600 22: 2018-10-17 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Microlive Vision Technology Co. Ltd
33: CN 31: 201830289155.0 32: 2018-06-08
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. The front view interface demonstrates an interface of selecting a video clip; when a user clicks a button in the interface, e.g., a “speed adjustment” button, a function pop-up window for adjusting the video playback speed will pop up in the interface. The user may click a playback speed (e.g., very slow, slow, standard, fast, very fast, etc.) of the video, as shown in the state changing view.



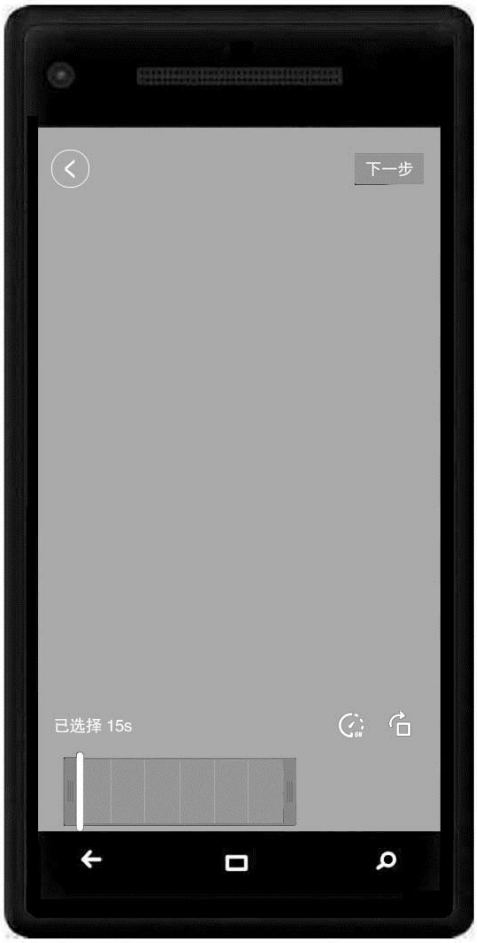
21: A2018/01604 22: 2018-10-17 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Microlive Vision Technology Co, Ltd
33: CN 31: 201830289527.X 32: 2018-06-08
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. The front view interface demonstrates an interface of video clip selection, where the user may drag a left/right end of a video selection box to scroll through a video clip for editing purposes. By clicking “check,” the user may save selection of a clip; and by clicking “X”, the user may cancel editing of the clip. By triggering a relevant function button, such as “speed adjustment,” “interface rotation,” and “delete” buttons, corresponding functions may be implemented.



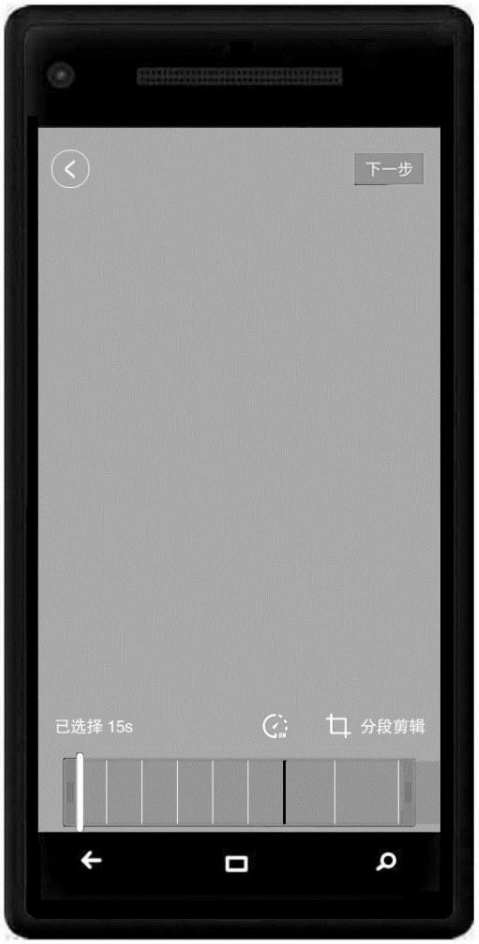
21: A2018/01605 22: 2018-10-17 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Microlive Vision Technology Co. Ltd.
33: CN 31: 201830289526.5 32: 2018-06-08
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. The front view interface demonstrates an interface to select a playback speed for editing a video, where the user may click a speed option (e.g., very slow, slow, standard, fast, very fast, etc.) to adjust the video playback speed. By clicking “check (v),” a user may save the operation on a clip; and by clicking “X”, the user may cancel edition to the clip.



21: A2018/01606 22: 2018-10-17 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Microlive Vision Technology Co. Ltd
33: CN 31: 201830289525.0 32: 2018-06-08
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. The front view interface demonstrates an interface for selecting a single video clip. In use, the user drags the screen to a left/right end of a video selection box to adjust the video clip region for edition; by triggering a function button, e.g., “speed adjustment” button and “interface rotation” button, a user may implement a corresponding function.



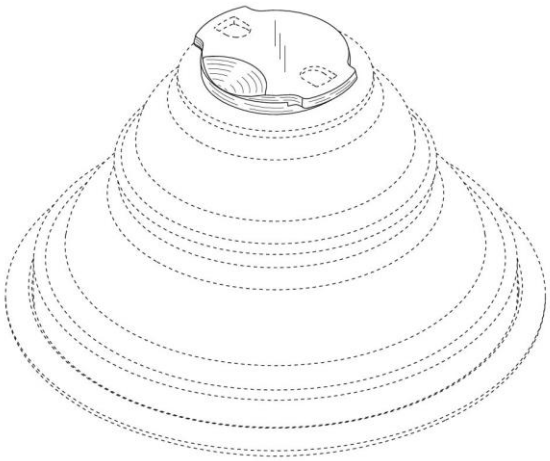
21: A2018/01607 22: 2018-10-17 23:
43: 2019-06-14
52: Class 32 24: Part A
71: Beijing Microlive Vision Technology Co. Ltd
33: CN 31: 201830289524.6 32: 2018-06-08
54: A GRAPHICAL USER INTERFACE
57: The design is in respect of a graphical user interface for a display screen or portion thereof. The front view interface shows an interface for selecting a video clip. In use, a user may select a segment of video with a duration not exceeding 15s, and may drag across the screen to shorten the duration; the user may drag a left/right end of the video selection box to adjust the video clip for editing; the video is played segment by segment; a fast forward/rewind function may be implemented by dragging/ positioning a time axis; by triggering a function button (e.g., “speed adjustment,” “interface rotation,” “clip by segments”), the user may implement a corresponding function.



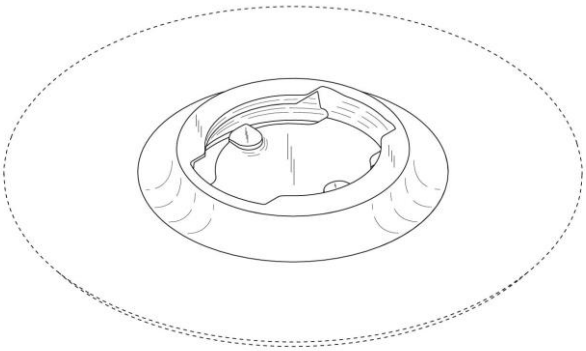
21: A2018/01609 22: 2018-10-18 23:
43: 2019-06-20
52: Class 09 24: Part A
71: Galilee Winecellar Joseph Gold & Sons Limited
33: IL 31: 62635 32: 2018-08-21
54: BOTTLE
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).



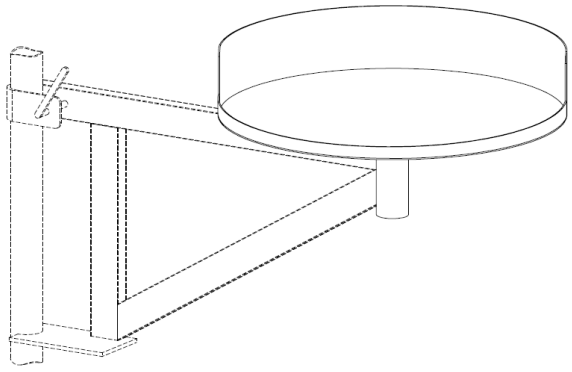
21: A2018/01611 22: 2018-10-18 23:
43: 2019-06-20
52: Class 14 24: Part A
71: PopSockets LLC
33: WO 31: WIPO75974 32: 2018-10-17
54: SUPPORTS FOR TELEPHONES
57: A connector enabling attachment to a base for a mobile phone grip.



21: A2018/01612 22: 2018-10-18 23:
43: 2019-06-20
52: Class 14 24: Part A
71: PopSockets LLC
33: WO 31: WIPO75946 32: 2018-10-17
54: SUPPORTS FOR TELEPHONES
57: A base for a mobile phone grip.

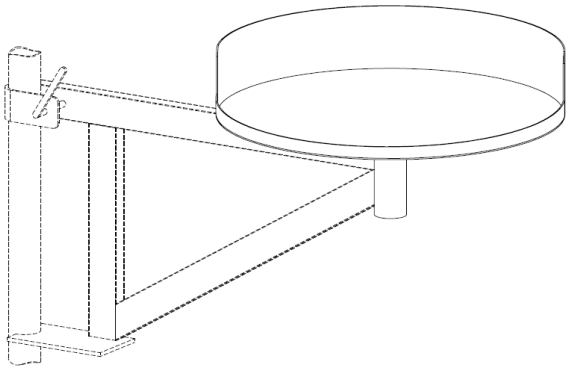


21: A2018/01614 22: 2018-10-19 23:
43: 2019-06-13
52: Class 08 24: Part A
71: NALKO ENERGY AND RESOURCES (PTY) LTD
54: ADJUSTABLE SWAY MORTAR PLATE
57: The features of the design for which protection is claimed reside in the shape and/or configuration of the mortar plate substantially as shown in the accompanying representations irrespective of the appearance of the features in dashed lines. The mortar plate C is shaped and configured to hold mortar or other construction paste while allowing access thereto. The mortar plate C is shaped and configured to be placed in a receiving support structure B which is adjustable relative to scaffolding A.

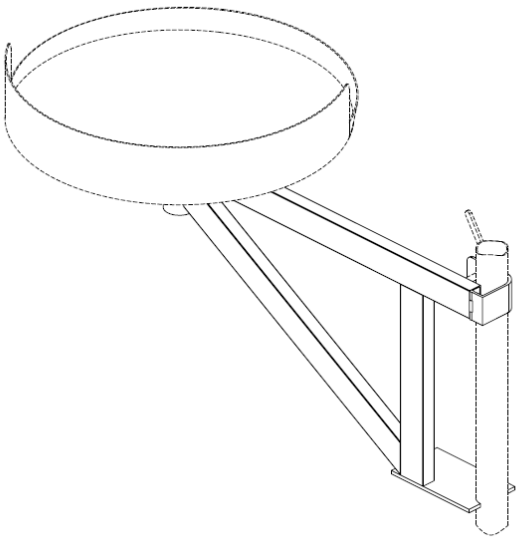


21: A2018/01616 22: 2018-10-19 23:
43: 2019-06-13
52: Class 08 24: Part A
71: NALKO ENERGY AND RESOURCES (PTY) LTD
54: ADJUSTABLE SWAY MORTAR PLATE
57: The features of the design for which protection is claimed reside in the shape and/or configuration of

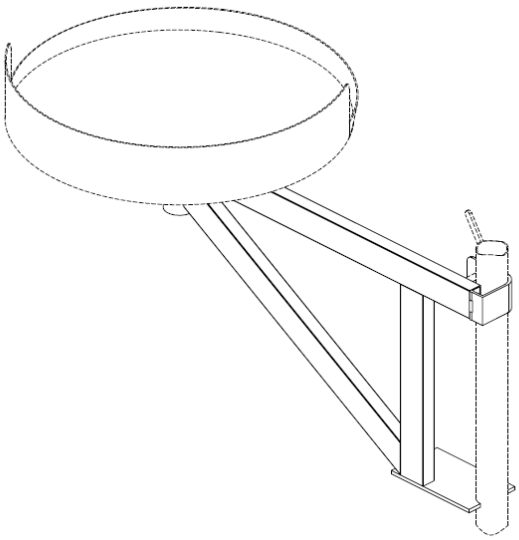
the mortar plate substantially as shown in the accompanying representations irrespective of the appearance of the features in dashed lines. The mortar plate C is shaped and configured to hold mortar or other construction paste while allowing access thereto. The mortar plate C is shaped and configured to be placed in a receiving support structure B which is adjustable relative to scaffolding A.



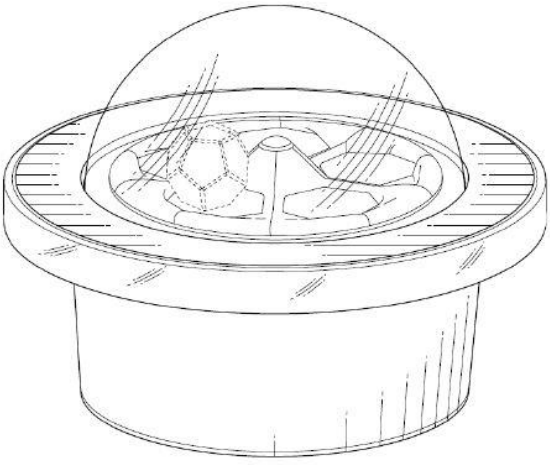
21: A2018/01618 22: 2018-10-19 23:
43: 2019-06-13
52: Class 25 24: Part A
71: NALKO ENERGY AND RESOURCES (PTY) LTD
54: ADJUSTABLE SWAY MORTAR PLATE SUPPORT
57: The features of the design for which protection is claimed reside in the shape and/or configuration of the adjustable sway mortar plate support substantially as shown in the accompanying representations irrespective of the appearance of the features in dashed lines. The adjustable sway mortar plate support B is shaped and configured to be attached and adjusted relative to scaffolding A and to engage a mortar board C. The adjustable sway mortar plate support B may be adjusted up or down the scaffolding A and rotated 360° around the scaffolding A.



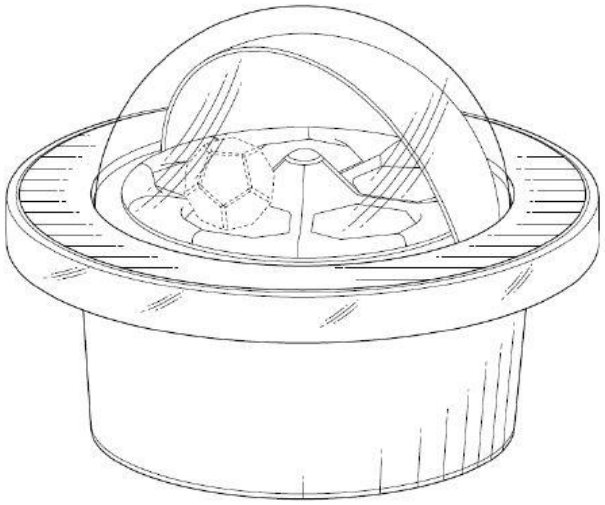
21: A2018/01620 22: 2018-10-19 23:
43: 2019-06-13
52: Class 25 24: Part A
71: NALKO ENERGY AND RESOURCES (PTY) LTD
54: ADJUSTABLE SWAY MORTAR PLATE SUPPORT
57: The features of the design for which protection is claimed reside in the shape and/or configuration of the adjustable sway mortar plate support substantially as shown in the accompanying representations irrespective of the appearance of the features in dashed lines. The adjustable sway mortar plate support B is shaped and configured to be attached and adjusted relative to scaffolding A and to engage a mortar board C. The adjustable sway mortar plate support B may be adjusted up or down the scaffolding A and rotated 360° around the scaffolding A.



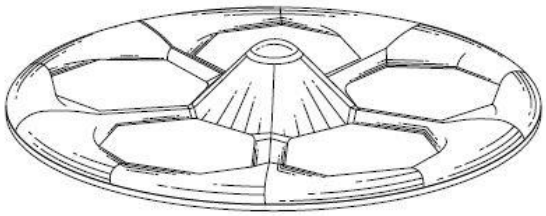
21: A2018/01622 22: 2018-10-19 23:
43: 2019-06-20
52: Class 21 24: Part A
71: TCS John Huxley Europe Limited
33: EU 31: 005242294-0001 32: 2018-04-20
54: GAME BALL SPINNER
57: The design is for a game ball spinner that has a truncated cylindrical shape with a top face that is covered with a transparent, semi-spherical dome. Five recesses are defined in the top face and a ball is held captive by the dome and can come to rest in any of the five recesses.



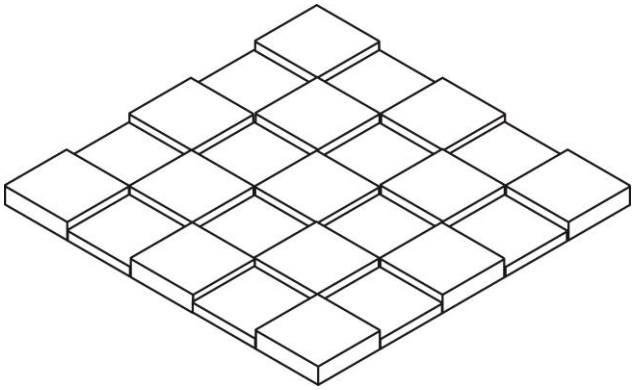
21: A2018/01623 22: 2018-10-19 23:
43: 2019-06-20
52: Class 21 24: Part A
71: TCS John Huxley Europe Limited
33: EU 31: 005242294-0002 32: 2018-04-20
54: GAME BALL SPINNER
57: The design is for a game ball spinner that has a truncated cylindrical shape with a top face that is covered with a transparent, semi-spherical dome and a smaller part-spherical shield below the dome below. Five recesses are defined in the top face and a ball is held captive by the dome and can come to rest in any of the five recesses.



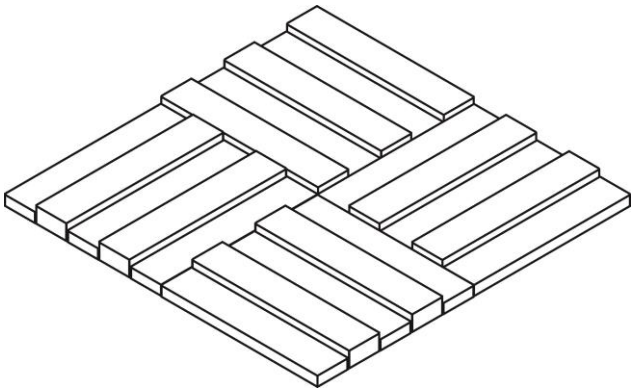
21: A2018/01624 22: 2018-10-19 23:
43: 2019-06-20
52: Class 21 24: Part A
71: TCS John Huxley Europe Limited
33: EU 31: 005242294-0003 32: 2018-04-20
54: GAME BALL SPINNER
57: The design is for a game ball spinner that is substantially disc shaped and defines five recesses in its top face.



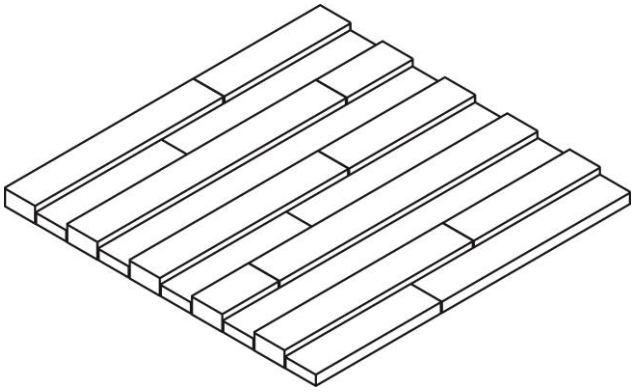
21: A2018/01629 22: 2018-10-22 23:
43: 2019-06-14
52: Class 25 24: Part A
71: ANCHOR MARKETING (PTY) LTD
54: A TILE
57: The design is applied to a tile. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a tile substantially as shown in the accompanying representations. The colour, natural grain and knots of the wood shown in some of the representations do not form part of the design and are disclaimed.



21: A2018/01630 22: 2018-10-22 23:
43: 2019-06-14
52: Class 25 24: Part A
71: ANCHOR MARKETING (PTY) LTD
54: A TILE
57: The design is applied to a tile. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a tile substantially as shown in the accompanying representations. The colour, natural grain and knots of the wood shown in some of the representations do not form part of the design and are disclaimed.

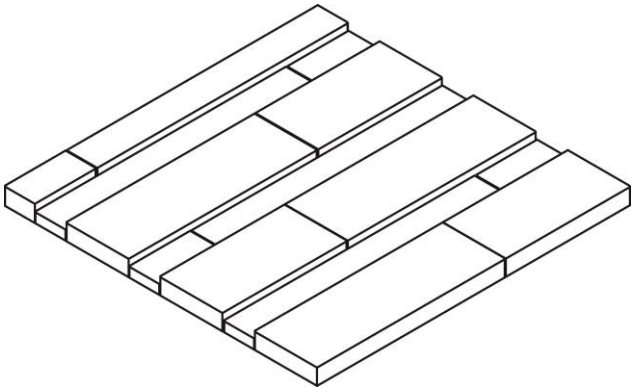


21: A2018/01631 22: 2018-10-22 23:
43: 2019-06-14
52: Class 25 24: Part A
71: ANCHOR MARKETING (PTY) LTD
54: A TILE
57: The design is applied to a tile. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a tile substantially as shown in the accompanying representations. The colour, natural grain and knots of the wood shown in some of the representations do not form part of the design and are disclaimed.



21: A2018/01632 22: 2018-10-22 23:
43: 2019-06-14
52: Class 25 24: Part A
71: ANCHOR MARKETING (PTY) LTD
54: A TILE
57: The design is applied to a tile. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern and/or ornamentation of a tile substantially as shown in the accompanying representations. The colour, natural grain and knots of the wood shown in some of the

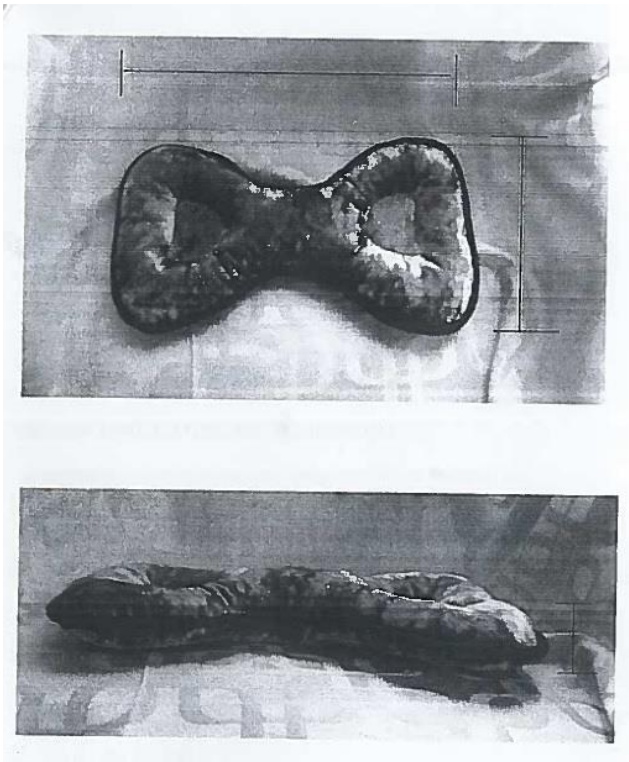
representations do not form part of the design and are disclaimed.



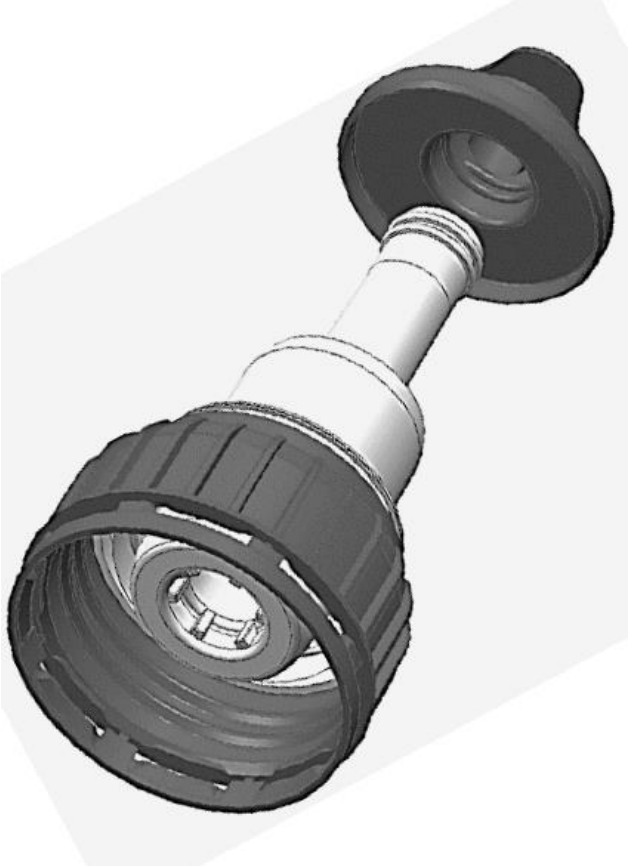
21: A2018/01637 22: 2018-10-24 23:
43: 2019-06-14
52: Class 09 24: Part A
71: ESTERHUIZEN, Francois
54: CONTAINER
57: The design relates to a container. The features of the design are those of shape and/or configuration.



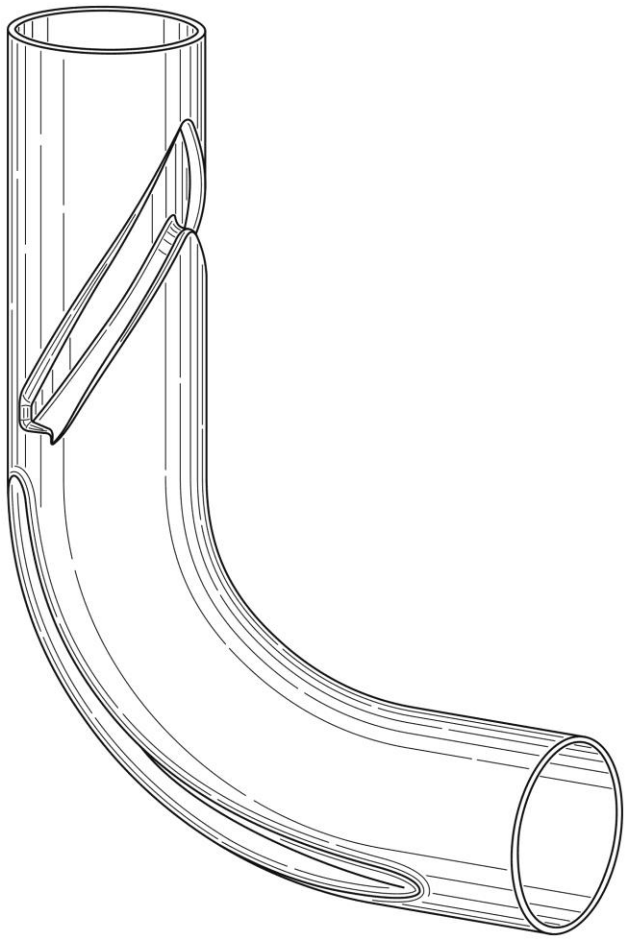
21: A2018/01644 22: 2018-10-24 23:
43: 2019-07-10
52: Class 06 24: Part A
71: SIMON BONGANI PEARCE
54: PRAYER CUSHION (FOLONKE)
57: The prayer cushion gives your knees comfort during prayer. It keeps your knees from braising and keep your clothes free from dirt and mud. The Folonke has a light and portable design, making it the perfect companion that you can take anywhere with.



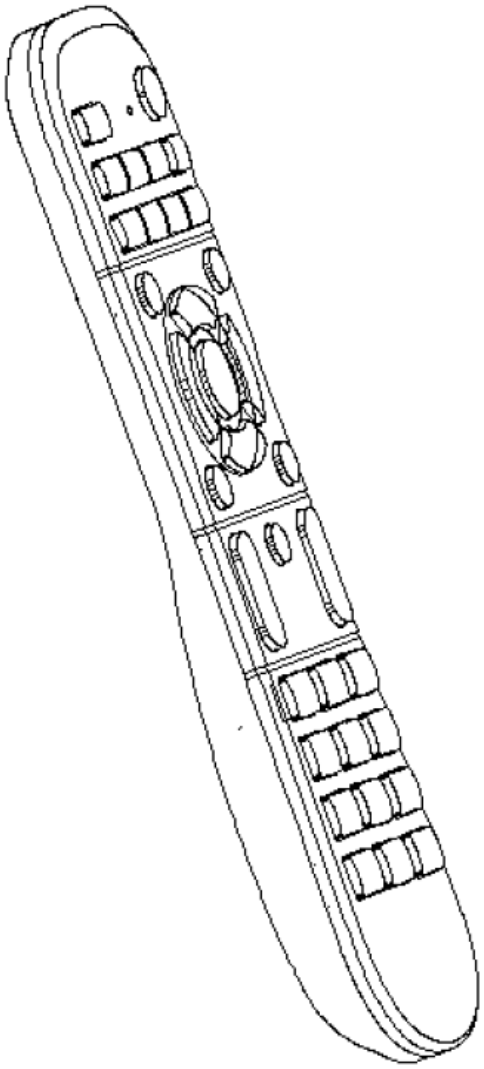
21: A2018/01650 22: 2018-10-26 23:
43: 2019-06-20
52: Class 09 24: Part A
71: Spec Tool & Die and General Engineering (Pty) Ltd
54: CONTAINER CAP WITH PULL UP SPOUT
57: The novelty of this design resides in the shape and configuration of a CONTAINER CAP WITH PULL UP SPOUT substantially as shown in the drawings.



21: A2018/01690 22: 2018-11-06 23:
43: 2019-06-24
52: Class 23 24: Part A
71: GEBERIT INTERNATIONAL AG
33: IB 31: DM/101 654 32: 2018-06-04
54: PIPE BEND
57: The design is applied to a pipe bend. The feature of the design for which protection is claimed is that of the shape of the pipe bend substantially as shown in the accompanying representation. Surface shading lines are provided to indicate the surface character and contours but do not form part of the design and are disclaimed.

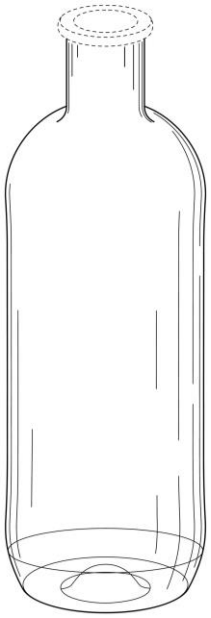


21: A2018/01703 22: 2018-11-07 23: 2018-06-11
43: 2019-06-24
52: Class 14 24: Part A
71: BEYOND PLATINUM (PTY) LTD
54: A REMOTE CONTROL
57: The design, which relates to shape and/or configuration, is applied to a remote control for operation of a satellite television decoder.

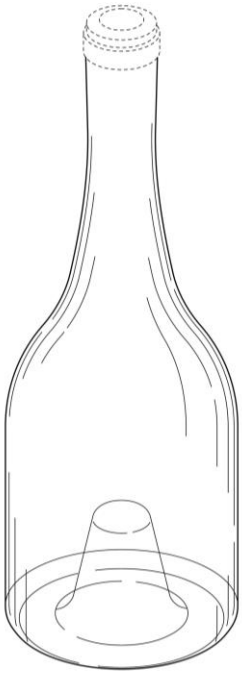


PERSPECTIVE VIEW

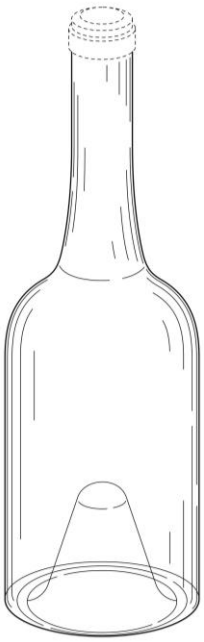
21: A2018/01711 22: 2018-11-09 23:
43: 2019-06-24
52: Class 09 24: Part A
71: SAVERGLASS
33: EU 31: 005385507-0001 32: 2018-07-03
54: BOTTLE
57: The design relates to a bottle. The features of the design for which protection is claimed reside in the shape and/or configuration of a bottle as shown in the accompanying representations.



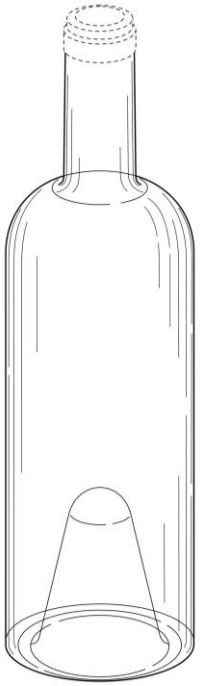
21: A2018/01712 22: 2018-11-09 23:
43: 2019-06-24
52: Class 09 24: Part A
71: SAVERGLASS
33: EU 31: 005384500-0001 32: 2018-07-03
54: BOTTLE
57: The design relates to a bottle. The features of the design for which protection is claimed reside in the shape and/or configuration of a bottle as shown in the accompanying representations.



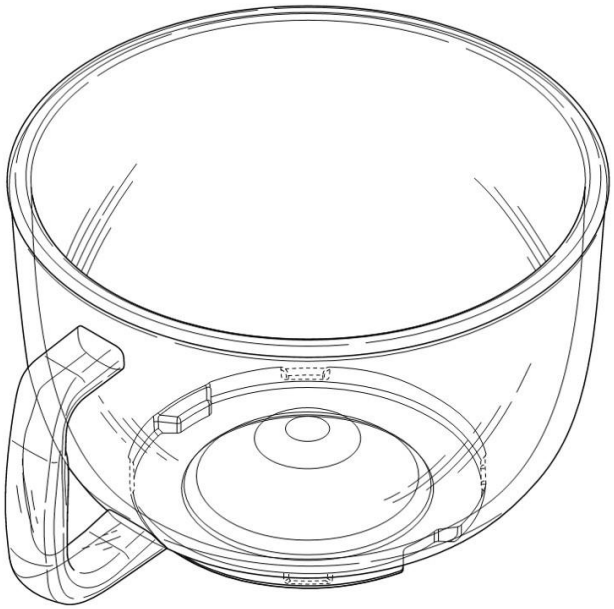
21: A2018/01713 22: 2018-11-09 23:
43: 2019-06-24
52: Class 09 24: Part A
71: SAVERGLASS
33: EU 31: 005385002-0001 32: 2018-07-03
54: BOTTLE
57: The design relates to a bottle. The features of the design for which protection is claimed reside in the shape and/or configuration of a bottle as shown in the accompanying representations.



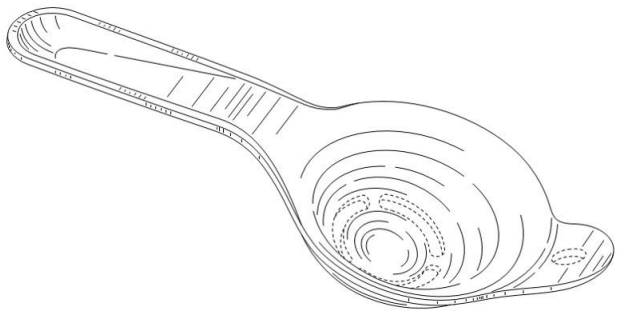
21: A2018/01714 22: 2018-11-09 23:
43: 2019-06-24
52: Class 09 24: Part A
71: SAVERGLASS
33: EU 31: 005384518-0001 32: 2018-07-03
54: BOTTLE
57: The design relates to a bottle. The features of the design for which protection is claimed reside in the shape and/or configuration of a bottle as shown in the accompanying representations.



21: A2018/01736 22: 2018-11-12 23:
43: 2019-06-24
52: Class 31 24: Part A
71: SEARS BRANDS, L.L.C.
33: US 31: 29/648,604 32: 2018-05-22
54: MIXER BOWL
57: The design relates to a mixer bowl. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of the mixer bowl substantially as shown in the accompanying representations. Features shown in broken lines are disclaimed from protection. Surface shading lines are provided to indicate the surface character and contours but do not form part of the design and are also disclaimed.

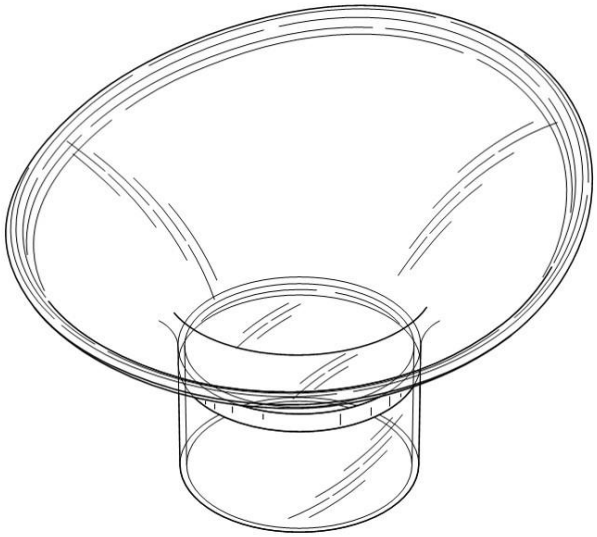


21: A2018/01737 22: 2018-11-12 23:
43: 2019-06-24
52: Class 31 24: Part A
71: SEARS BRANDS, L.L.C.
33: US 31: 29/648,576 32: 2018-05-22
54: EGG SEPARATOR
57: The design relates to an egg separator. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of the egg separator substantially as shown in the accompanying representations. Features shown in broken lines are disclaimed from protection. Surface shading lines are provided to indicate the surface character and contours but do not form part of the design and are also disclaimed.



21: A2018/01738 22: 2018-11-12 23:
43: 2019-06-24
52: Class 31 24: Part A
71: SEARS BRANDS, L.L.C.
33: US 31: 29/648,578 32: 2018-05-22

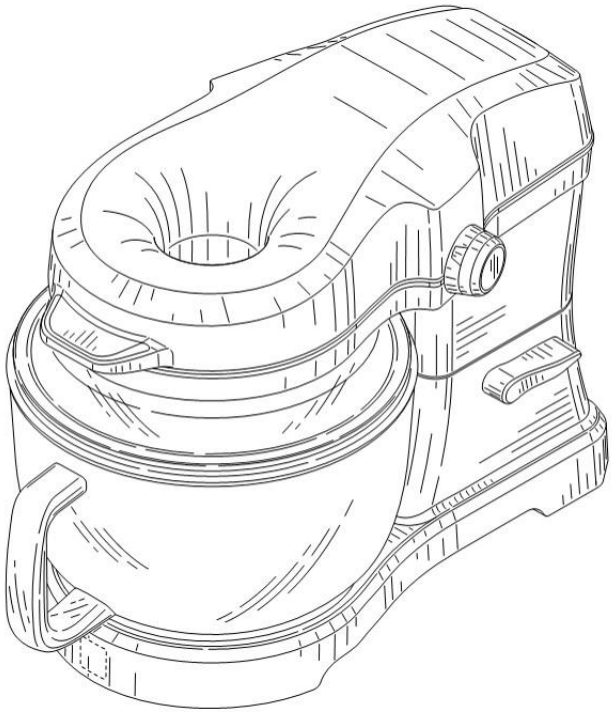
54: MIXER FUNNEL
57: The design relates to a mixer funnel. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of the mixer funnel substantially as shown in the accompanying representations. Features shown in broken lines are disclaimed from protection. Surface shading lines are provided to indicate the surface character and contours but do not form part of the design and are also disclaimed.



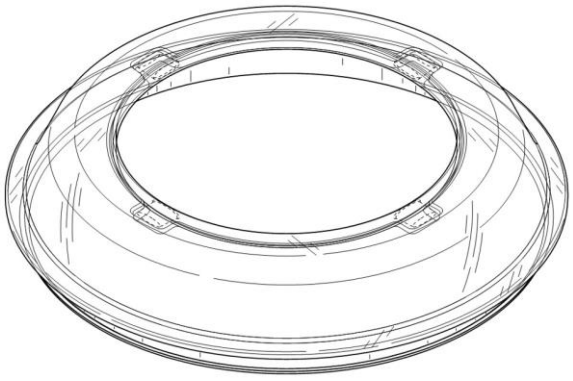
21: A2018/01739 22: 2018-11-12 23:
43: 2019-06-24
52: Class 25 24: Part A
71: Steel Space Frame Structures CC
54: A CORRUGATED HOUSING STRUCTURE
57: The novelty of the design as applied to a corrugated housing structure resides in the features of shape and/or configuration and/or pattern as applied to the article as shown in the representations.



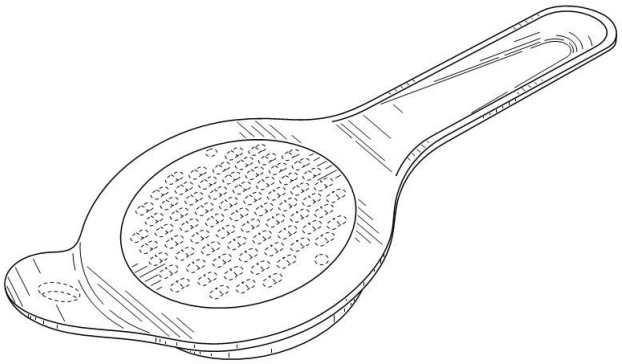
21: A2018/01740 22: 2018-11-12 23:
43: 2019-06-24
52: Class 31 24: Part A
71: SEARS BRANDS, L.L.C.
33: US 31: 29/648,605 32: 2018-05-22
54: STAND MIXER
57: The design relates to a stand mixer. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of the stand mixer substantially as shown in the accompanying representations, regardless of the opacity of the mixer bowl or of the splash guard. Features shown in broken lines are disclaimed from protection. Surface shading lines are provided to indicate the surface character and contours but do not form part of the design and are also disclaimed.



21: A2018/01742 22: 2018-11-12 23:
43: 2019-06-24
52: Class 31 24: Part A
71: SEARS BRANDS, L.L.C.
33: US 31: 29/648,572 32: 2018-05-22
54: SPLASH GUARD
57: The design relates to a splash guard. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of the splash guard substantially as shown in the accompanying representations. Features shown in broken lines are disclaimed from protection. Surface shading lines are provided to indicate the surface character and contours but do not form part of the design and are also disclaimed.



21: A2018/01743 22: 2018-11-12 23:
43: 2019-06-24
52: Class 31 24: Part A
71: SEARS BRANDS, L.L.C.
33: US 31: 29/648,579 32: 2018-05-22
54: GRATER
57: The design relates to a grater. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of the grater substantially as shown in the accompanying representations. Features shown in broken lines are disclaimed from protection. Surface shading lines are provided to indicate the surface character and contours but do not form part of the design and are also disclaimed.



21: A2018/01745 22: 2018-11-13 23:
43: 2019-06-24
52: Class 02 24: Part A
71: MPHAKAMISEN CYPRIAN SIBISI
54: HEAD CAP
57: Sliding mini cap its a cap that can be worn by any gender from teens to adults. It is a stylish cap with a different style that has never been seen before. It comes in a combination of two colours the main colour that goes with a different colour of a tinted stripe at the beate that male has with the brand name mini cap can be worn as a sport cap yet as well with your casual outfit.



21: A2018/01750 22: 2018-11-13 23:
43: 2019-06-24
52: Class 29 24: Part A
71: JINFUYU INDUSTRIAL CO., LTD.
54: MASK
57: The novelty of the design as applied to a Mask resides in the features of shape and/or configuration as shown in solid lines of the accompanying representations, irrespective of the shape or configuration of the components shown in broken lines.

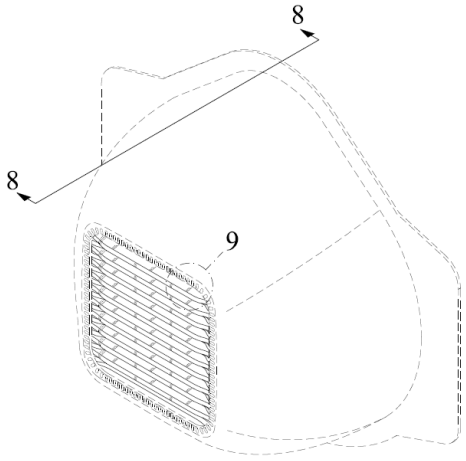
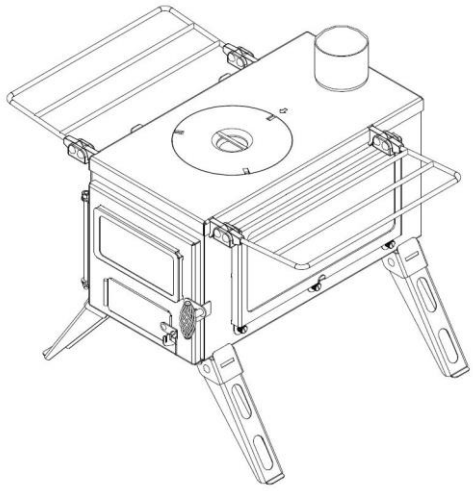
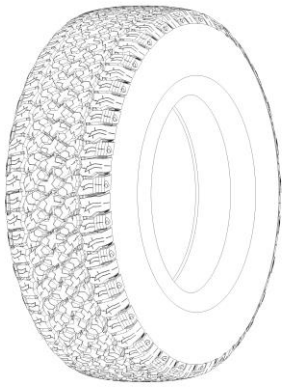


FIG. 1

21: A2018/01751 22: 2018-11-13 23:
43: 2019-06-24
52: Class 07 24: Part A
71: Liu Qiuna
54: A CAMPING STOVE
57: The novelty of the design as applied to a camping stove resides in the features of shape and/or configuration and/or pattern as applied to the article as shown in the representations.

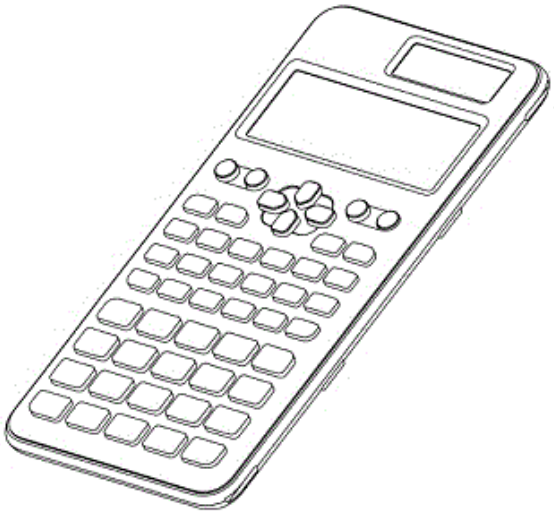


21: A2018/01752 22: 2018-11-13 23:
43: 2019-06-24
52: Class 12 24: Part A
71: Davanti Tyres Limited
33: EP 31: 005660255-0001 32: 2018-09-26
54: TYRE
57: The features of the design for which novelty is claimed are the shape and/or configuration and/or pattern and/or ornamentation of a tyre tread as shown in the accompanying representations.



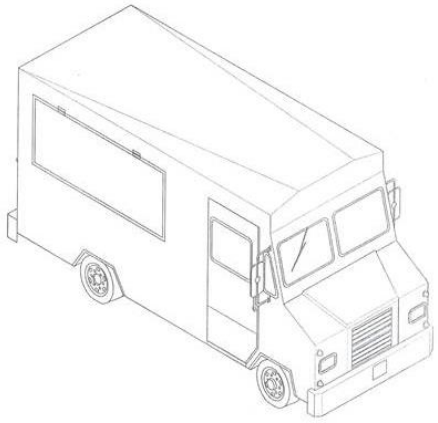
21: A2019/00041 22: 2019-01-04 23:

43: 2019-05-15
52: Class 18. 24: Part A
71: CASIO KEISANKI KABUSHIKI KAISHA D.B.A. CASIO COMPUTER CO., LTD.
33: JP 31: 2018-015604 32: 2018-07-13
54: Electronic Calculator
57: The design relates to an electronic calculator. The features of the design are those of shape and/or configuration.

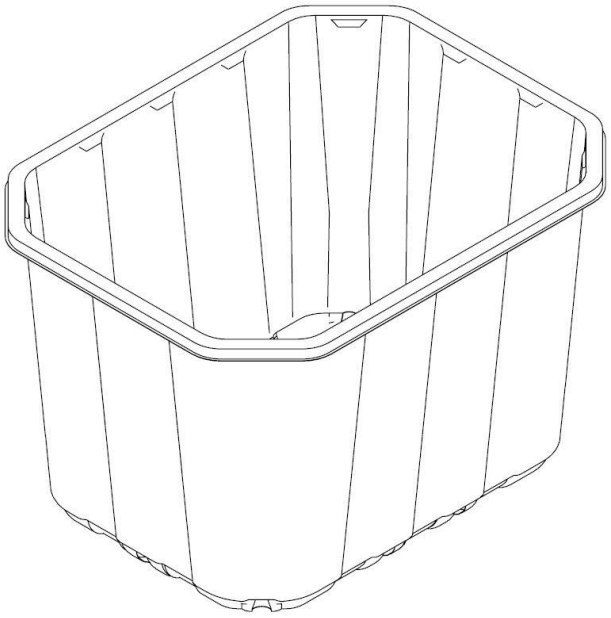


REDUCED SCALE FRONT PERSPECTIVE VIEW

21: F2016/01123 22: 2016-08-05 23: 2016-02-05
43: 2019-06-04
52: Class 12 24: Part F
71: THE BOSTON TRUST
54: FOOD TRUCK
57: The novelty of the design resides in the shape or configuration of a food truck substantially as shown in the accompanying representations.

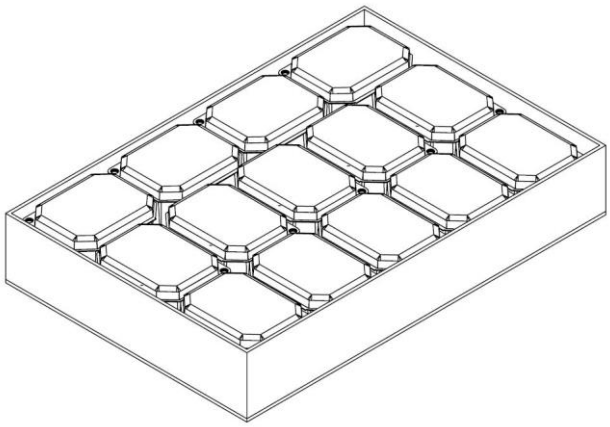


21: F2016/01378 22: 2016-09-16 23:
43: 2019-05-23
52: Class 09 24: Part F
71: APL CARTONS (PTY) LTD
54: CONTAINER
57: The design is for a container that is transparent with a rectangular shape that is suitable for receiving about 500g of fresh produce.

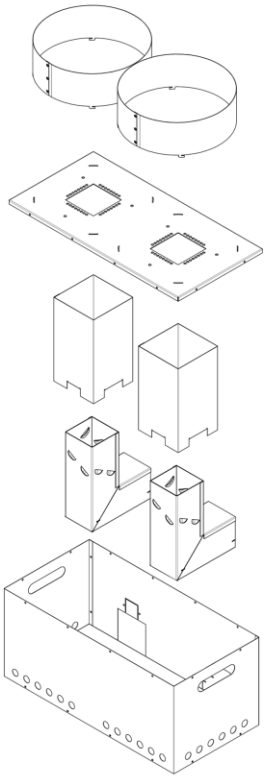


21: F2016/01379 22: 2016-09-16 23:
43: 2019-05-23
52: Class 09 24: Part F
71: APL CARTONS (PTY) LTD
54: SET OF CONTAINERS
57: The design is for a set of fourteen smaller containers of equal size, suitable for receiving about

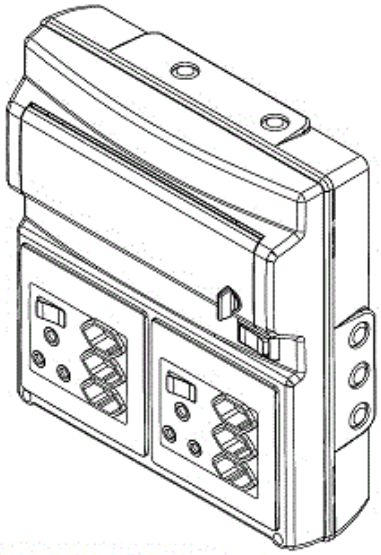
500g of grapes, each, which are arranged in three rows inside a larger container of typical shape and size for fresh produce of about 600X400mm. The smaller containers are in two rows of five containers and one row of four containers.



21: F2017/01602 22: 2017-10-04 23:
43: 2019-07-10
52: Class 07 24: Part F
71: RASMUSSEN, Stig
54: STOVE
57: The design relates to a stove. The features of the design are those of shape and/or configuration.

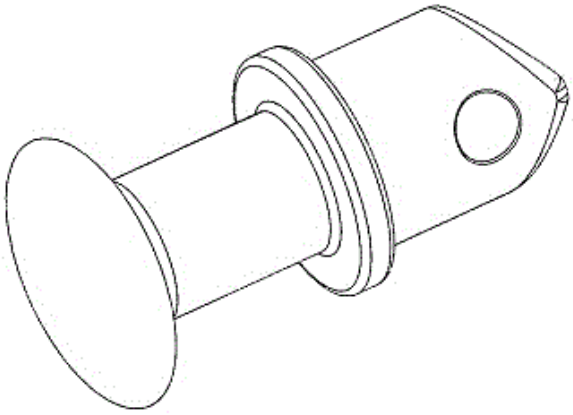


21: F2017/02066 22: 2017-12-21 23:
43: 2019-05-03
52: Class 13. 24: Part F
71: ALLBRO (PTY) LTD
54: Ready Board
57: The design relates to a ready board. The features of the design are those of shape and/or configuration.



FRONT PERSPECTIVE VIEW IN CLOSED CONFIGURATION

21: F2018/00581 22: 2018-04-18 23:
43: 2019-05-07
52: Class 15. 24: Part F
71: HARD METALS AUSTRALIA PTY LIMITED
33: AU 31: 201716378 32: 2017-10-19
54: Component of an Agricultural Ground Engaging Chain
57: The design relates to a component of an agricultural ground engaging chain. The features of the design are those of shape and/or configuration.



FRONT PERSPECTIVE VIEW

21: F2018/00696 22: 2018-05-09 23:
43: 2019-05-07
52: Class 07 24: Part F
71: Adwill Plastics (Pty) Ltd
54: PRESERVE JAR HOLDER
57: When a produce is bottled in a preservative such as brine, vinegar etc. it is important to keep the product below the fluid level as the product that is not submerged can spoil much faster than when below the surface. The function of the disk or preserve jar holder is to push the product below the neck of the bottle after filling and to keep it there as this is where the shorter legs of the disc clips in. The longer legs push up against the cap to ensure that the disc stays in place.

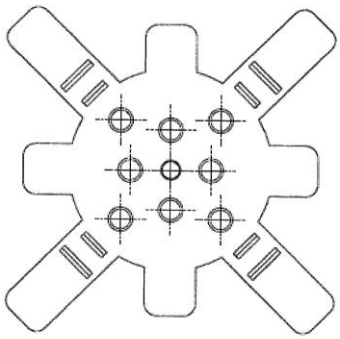


Figure 1
Bottom View

21: F2018/00697 22: 2018-05-09 23:
43: 2019-05-07
52: Class 09 24: Part F
71: Adwill Plastics (Pty) Ltd
54: PRESERVE JAR HOLDER
57: When a produce is bottled in a preservative such as brine, vinegar etc. it is important to keep the product below the fluid level as the product that is not submerged can spoil much faster than when below the surface. The function of the disk or preserve jar holder is to push the product below the neck of the bottle after filling and to keep it there as this is where the shorter legs of the disc clips in. The longer legs push up against the cap to ensure that the disc stays in place.

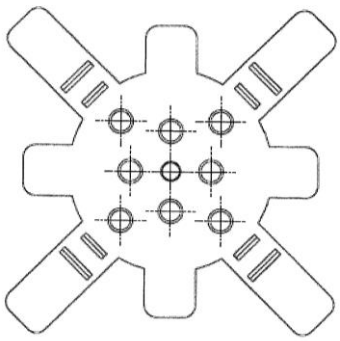


Figure 1
Bottom View

21: F2018/00813 22: 2018-05-25 23:
43: 2019-06-12
52: Class 09 24: Part F
71: GROBBELAAR, Pierre
54: A BAG CLOSURE

57: The design is applied to a bag closure. The features of the design for which protection is claimed are those of the shape and/or configuration of a bag closure substantially as shown in the accompanying representation. The specific shape of inner and outer peripheries of the bag closure, as illustrated in broken lines, is not limiting on the scope of protection and is disclaimed.

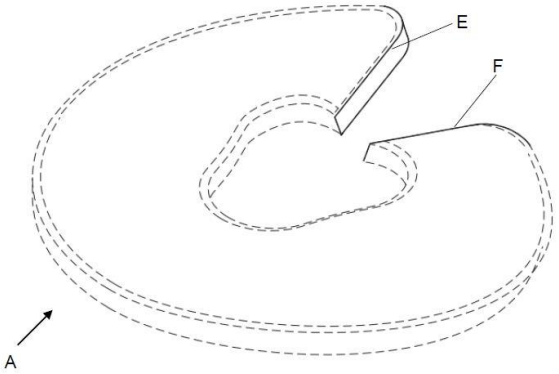
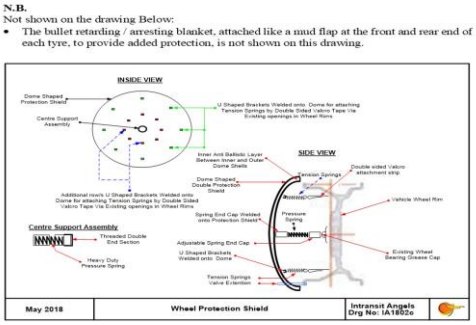
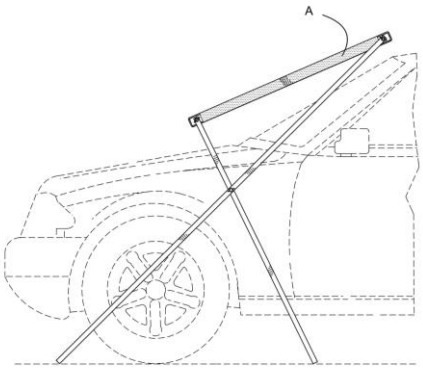


FIG.4 THREE DIMENSIONAL VIEW SHOWING A SECOND CONDITION

21: F2018/00923 22: 2018-06-18 23:
43: 2019-07-10
52: Class 25 24: Part F
71: Arnold Edmund Hohenstein
54: VEHICLE WHEEL SECURITY PROTECTION SHIELD
57: Wheel security Protection shield is easy to attach and remove without any special tools or skills required. Captured/retained bullets may be presented for forensic investigations Covers about 90% of the wheel. Is further augmented by attachment of bullet retarding blanked attached to vehicle chassis. If non-moveable objects are partially run-over the cover will move in accordance up and out of the way, after which it will reposition itself mechanically to its normal original central position.



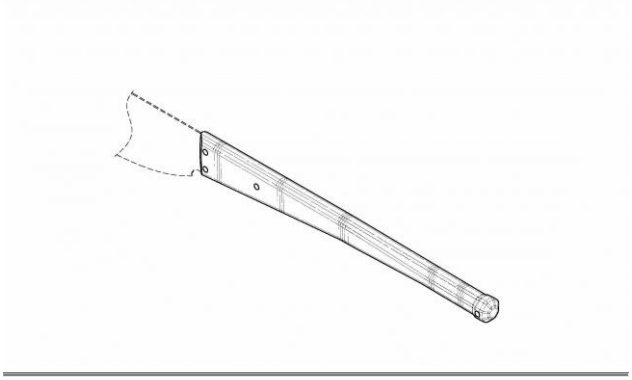
21: F2018/00925 22: 2018-06-18 23:
43: 2019-05-23
52: Class 12 24: Part F
71: BRINK, Martin Peter
54: WINDSHIELD COVERS
57: The design is for a windshield cover. In particular, the design is for an external windshield cover for a motor vehicle. The external windshield cover includes two sets of supports, each support having elongate members arranged in an L-shape. The supports of each set are connected to each other at a pivot point to provide a foldable base which defines an open configuration, in which the supports are apart from each other on either side of pivot points, and a closed configuration, in which the supports are brought together. The external windshield cover also includes a rectangular protective panel which is adjustably connected to top ends of the foldable base. In use, the foldable base is in the open configuration with bottom elongate members engaging front or rear wheels of the motor vehicle, and the protective panel being adjustable to cover a front or rear windshield of the motor vehicle.



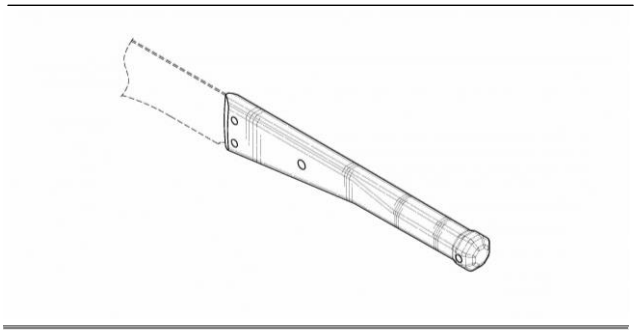
Side view in open configuration in use

21: F2018/01158 22: 2018-07-25 23:
43: 2018-07-25
52: Class 8 24: Part F
71: VECTO TRADE 461 PROPRIETARY LIMITED
54: HANDLES FOR HAND IMPLEMENTS OR CUTTING TOOLS
57: The design is for a handle for a hand implement or a cutting tool, and in particular for a cane knife. The handle has an elongate body. A front portion of the body is substantially four-sided or rectangular in transverse section with rounded edges and decreases in height towards a rear or free end of the body, whereas a rear gripping portion of the body is substantially octagonal in transverse section with

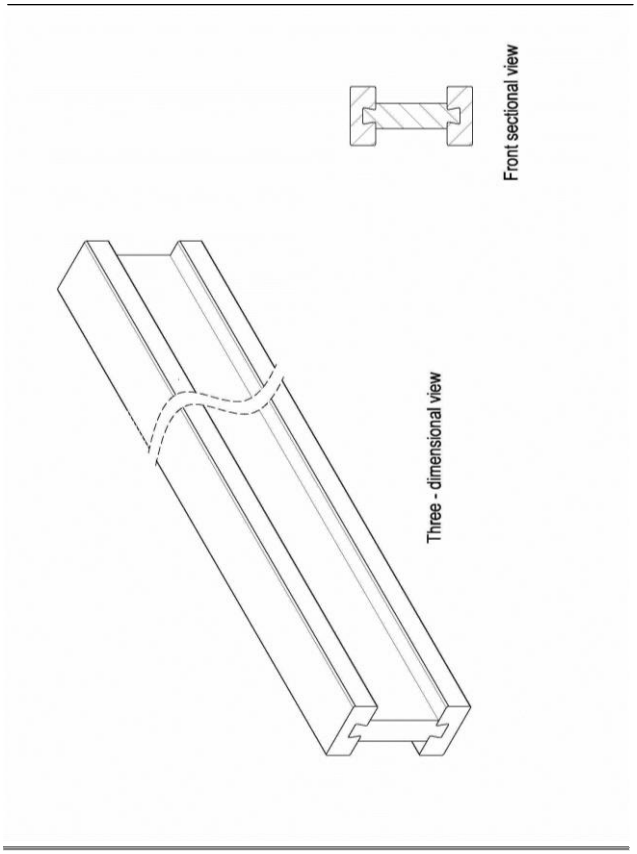
rounded edges, ending in an octagonal knob at the free end thereof. The gripping portion is slightly thicker than the front portion, with the increase in thickness being gradual. The body is typically moulded from a synthetic plastics or polymeric material.



21: F2018/01160 22: 2018-07-25 23:
43: 2018-07-25
52: Class 8 24: Part F
71: VECTO TRADE 461 PROPRIETARY LIMITED
54: HANDLES FOR HAND IMPLEMENTS OR CUTTING TOOLS
57: The design is for a handle for a hand implement or a cutting tool, and in particular for a cane knife. The handle has an elongate body. A front portion of the body is substantially four-sided or rectangular in transverse section with rounded edges and decreases in height towards a rear or free end of the body, whereas a markedly thickened rear gripping portion of the body is substantially octagonal in transverse section with rounded edges, ending in an octagonal knob at the free end thereof. The body is typically moulded from a synthetic plastics or polymeric material.

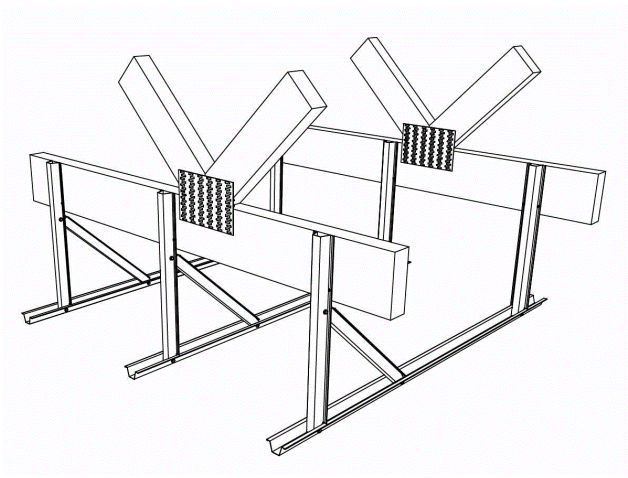


21: F2018/01163 22: 2018-07-25 23:
43: 2018-07-25
52: Class 25 24: Part F
71: HE, Ming Lai
54: Wooden Beams
57: The design is for a wooden beam having an indefinite length. The beam comprises a pair of flange members which are interconnected by a connecting member. The flange members are substantially similar with each flange member having a pair of opposite major faces interconnected by lateral walls. One major face of each flange member defines a dovetail groove therein. The connecting member has a pair of major faces connected by a pair of dovetails tongues which are shaped and dimensioned to be receivable, in a complementary sliding fashion, within the dovetail grooves of the flange members.

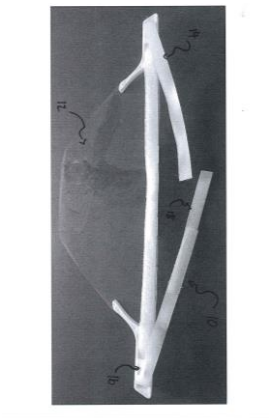


21: F2018/01200 22: 2018-08-01 23:
43: 2018-08-01
52: Class 8 24: Part F
71: MiTek Industries South Africa (Pty) Ltd
54: A Ceiling Support Arrangement
57: The design is in respect of a ceiling support arrangement. The support arrangement includes spaced apart steel droppers which are connected to a roof support structure and depend vertically downwardly therefrom. The support arrangement further includes brandering elements which are connected to the droppers and to which ceiling panels are connectable. The droppers and brandering elements are formed from lengths of a steel profile which has a generally top-hat shaped transverse cross-section. The profile accordingly has a generally channel-shaped central portion. Lower

end portions of each dropper are modified such that they are generally square or rectangular in transverse cross-section and are receivable within the channel-shaped portion of the brandering elements and the brandering elements are secured to the droppers by means of transverse fasteners.



21: F2018/01224 22: 2018-08-07 23:
43: 2019-05-14
52: Class 29 24: Part F
71: DENMYD MEDICAL EQUIPMENT (PTY) LTD
54: A PROTECTIVE VISOR
57: The features of the design for which protection are claimed, reside in the shape and/or configuration of a protective visor, substantially as shown in the accompanying representations, notwithstanding the configuration of the fastening means.



21: F2018/01229 22: 2018-08-10 23:
43: 2018-02-09
52: Class 19 24: Part F
71: Objective Learning Materials Pty Ltd
33: AU 31: 201810792 32: 2018-02-09
54: TEMPLATES
57: The design is for a template or stencil comprising a rectangular body with curved corners. A large circle with an interrupted periphery is centrally disposed and includes indicia for measuring angles. An upper right section of the body includes an arrangement of circles and ellipses of various sizes. An upper left section includes an arrangement of regular polygons of different sizes. A lower right section includes an arrangement of triangles and a sinusoidal graph. A lower left section includes various quadrilaterals and parabolic indicia. A perimeter of the body includes indicia for various scales of measurement and the body includes various formulae and indicia.

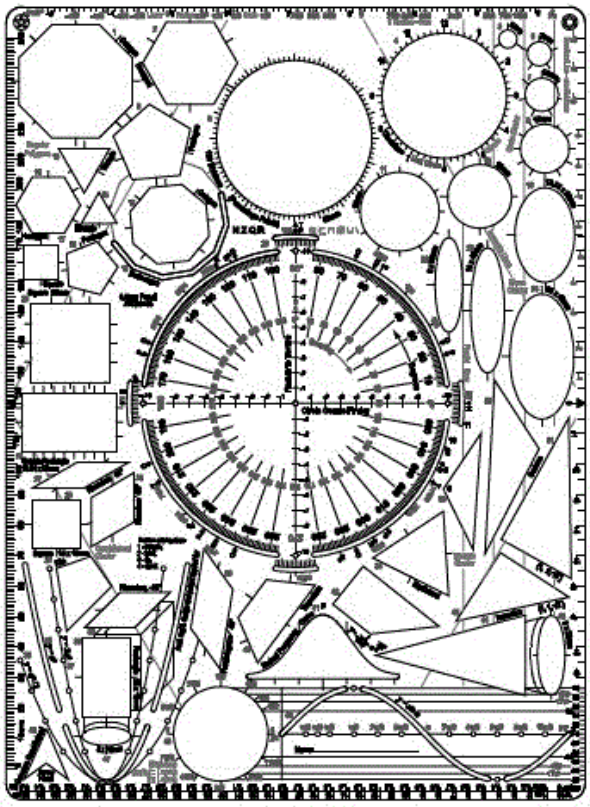


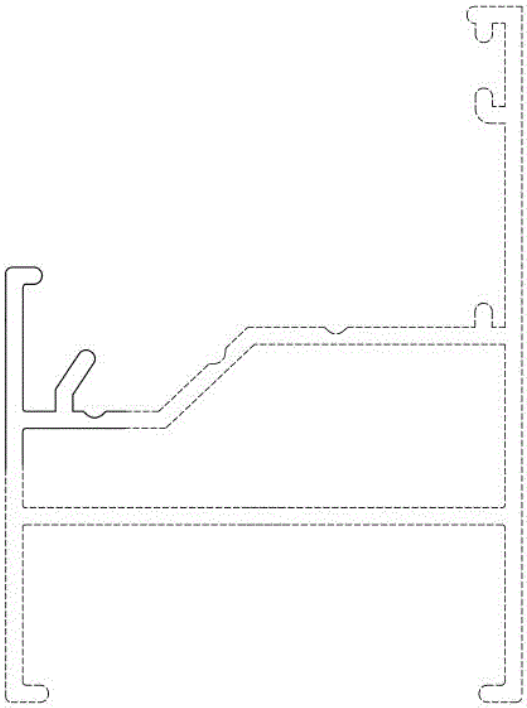
Figure 1

Face-on view

21: F2018/01234 22: 2018-08-10 23:
43: 2019-07-10
52: Class 09 24: Part F
71: Christine Collins
54: BIKE GUARDS FOR BICYCLE TRANSPORT
57: Bike Guards are protector devices that are designed to fold around bike accessories such as disc braes, crank, gear cluster, front shock and derailleur to protect these parts during transport.

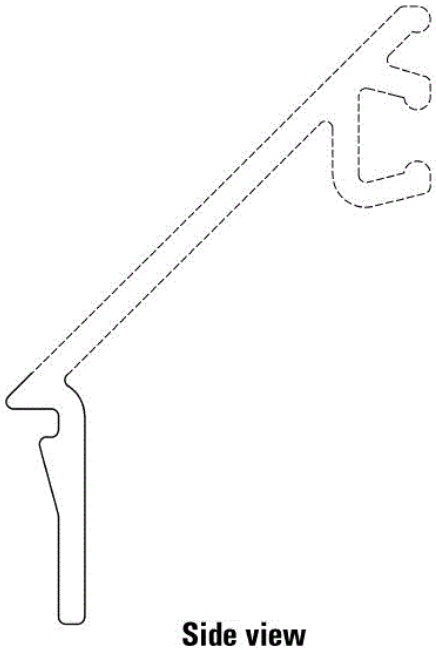


21: F2018/01256 22: 2018-08-14 23:
43: 2018-08-14
52: Class 25 24: Part F
71: WISPECO (PTY) LTD
54: FRAME COMPONENT PROFILE FOR A FRAME ARRANGEMENT
57: The design is applied to a frame component profile for a frame arrangement. The features of the design for which protection is claimed include the shape and/or configuration of a frame component profile for a frame arrangement, substantially as illustrated in the accompanying representations.



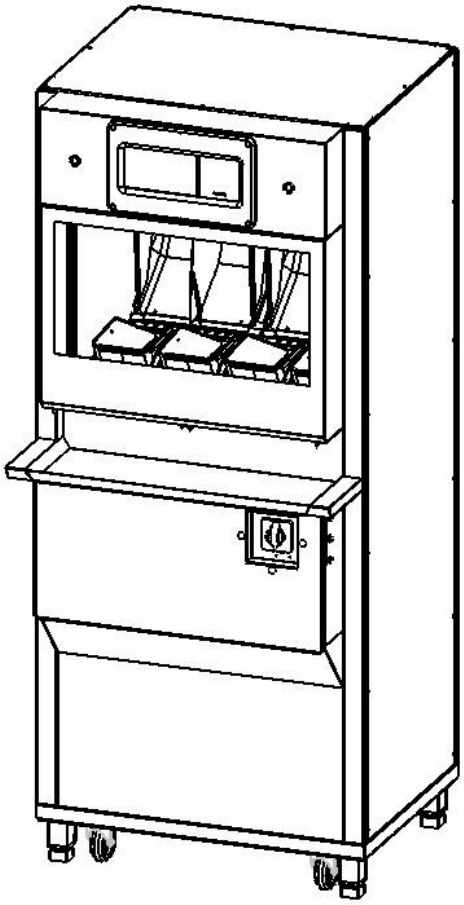
Side view

21: F2018/01257 22: 2018-08-14 23:
43: 2018-08-14
52: Class 25 24: Part F
71: WISPECO (PTY) LTD
54: Bead Component Profile for a Frame Arrangement
57: The design is applied to a bead component profile for a frame arrangement. The features of the design for which protection is claimed include the shape and/or configuration of a bead component profile for a frame arrangement, substantially as illustrated in the accompanying representations.

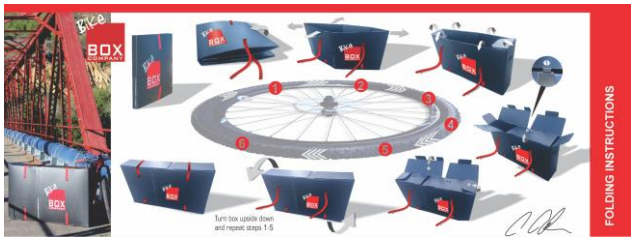


Side view

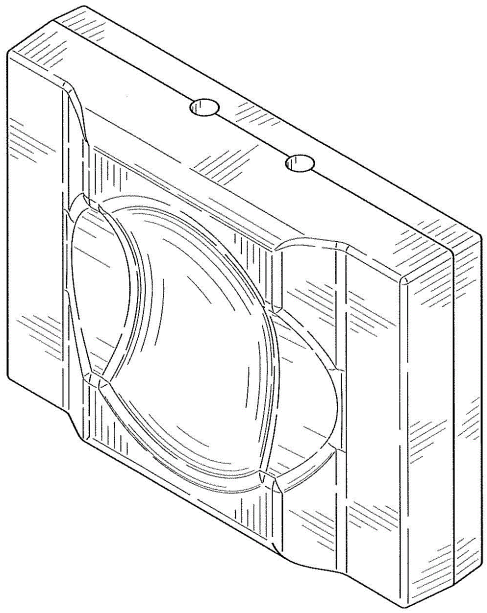
21: F2018/01267 22: 2018-08-16 23:
43: 2019-05-14
52: Class 31 24: Part F
71: KOMBO KING (PTY) LTD
54: FRYERS
57: The design is for a fryer with loading chutes at the rear and that semi-automatically discharges fried food at its front.



21: F2018/01279 22: 2018-08-20 23: 2018-08-02
43: 2019-07-10
52: Class 09 24: Part F
71: Christine Collins
54: FOLDABLE BIKE BOX
57: The Bike Box is a protection box for bicycle transport. The box is made from a single piece of flat sheeting which folds into an extremely solid and sturdy box when in use. When not in use the box folds into itself and can be stored at a size that is less than 15% of the Volume when assembled.

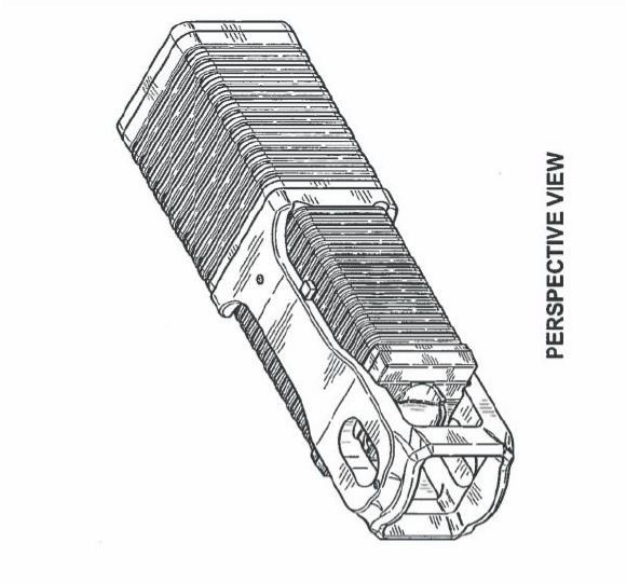


21: F2018/01332 22: 2018-08-27 23:
43: 2019-05-17
52: Class 12 24: Part F
71: STRATO, INC.
33: US 31: 29/646,060 32: 2018-05-01
54: COUPLER FOLLOWER FOR SELECTIVE CUSHIONING UNIT
57: The design is to be applied to a coupler follower for selective cushioning unit. The features for which protection is claimed are those of shape and/or configuration, substantially as shown in the representations.

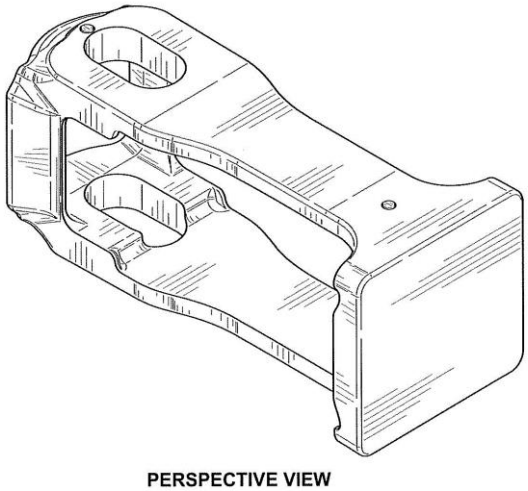


PERSPECTIVE VIEW

21: F2018/01333 22: 2018-08-27 23:
43: 2019-05-17
52: Class 12 24: Part F
71: STRATO, INC.
33: US 31: 29/646,064 32: 2018-05-01
54: SELECTIVE CUSHIONING APPARATUS FOR A RAILWAY CAR
57: The design is to be applied to a selective cushioning apparatus for a railway car. The features for which protection is claimed are those of shape and/or configuration, substantially as shown in the representations.



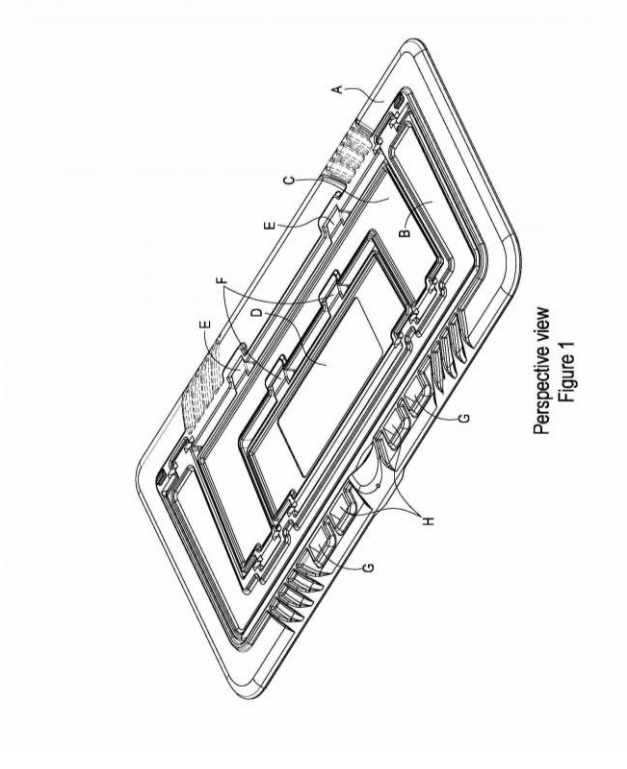
21: F2018/01334 22: 2018-08-27 23:
43: 2019-05-17
52: Class 12 24: F
71: STRATO, INC.
33: US 31: 29/646,057 32: 2018-05-01
54: F-TYPE YOKE FOR A RAILWAY CAR CUSHIONING UNIT
57: The design is to be applied to a F-type yoke for a railway car cushioning unit. The features for which protection is claimed are those of shape and/or configuration, substantially as shown in the representations.



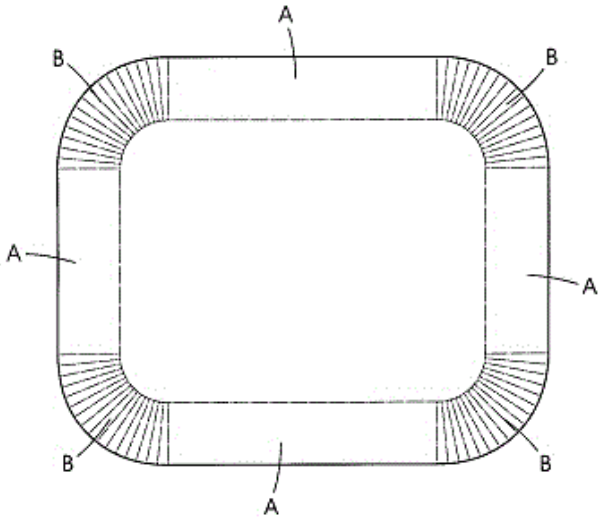
21: F2018/01335 22: 2018-08-27 23: 2018-03-27
43: 2019-05-17
52: Class 25 24: Part F
71: JOUBERT, Jan Dawid Adriaan
54: A PAVING BRICK
57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a paving brick as shown in the accompanying representations.



21: F2018/01369 22: 2018-08-29 23:
43: 2018-08-29
52: Class 14 24: Part F
71: M2W Products (Pty) Ltd
54: Stands for Electronic Devices
57: The design is for stands for electronic devices, particularly, laptop computers, mobile phones and tablets. The stand is generally planar and is attachable to an undersurface of the electronic device. The stand comprises a main frame, a sub-frame, a first insert, and a second insert arranged in a nested fashion substantially co-planarly. The sub-frame is hingedly connected to and displaceable from the main frame in a transverse fashion. The first insert is hingedly connected to and displaceable from the sub-frame in a transverse fashion and the second insert is hingedly connected to and displaceable from the first insert in a transverse fashion. Non-hinged ends of the second insert and first insert comprise engagement formations which are engageable with complementary engaging formations on the main frame.

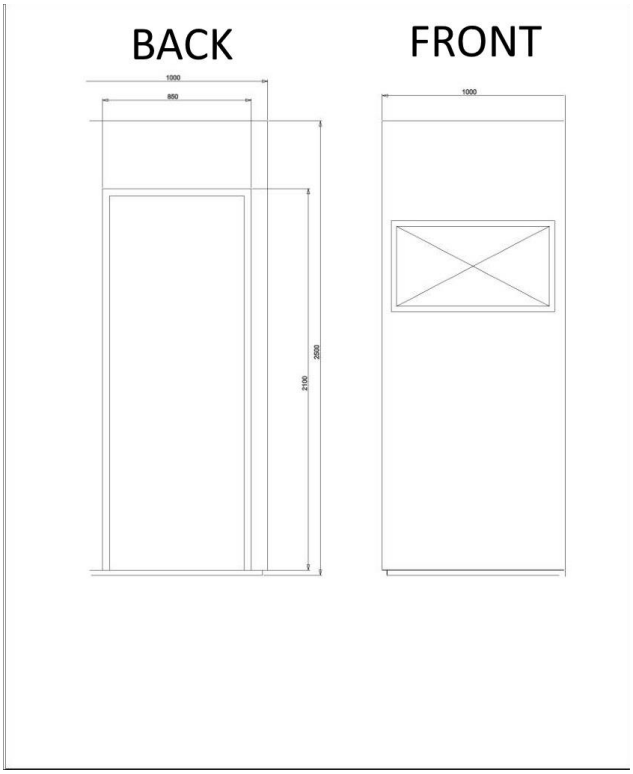


21: F2018/01376 22: 2018-08-31 23: 2018-06-18
43: 2019-05-17
52: Class 9. 24: Part F
71: MPACT LIMITED
54: Tray
57: The design relates to a blank for a tray. The features of the design are those of shape and/or configuration.

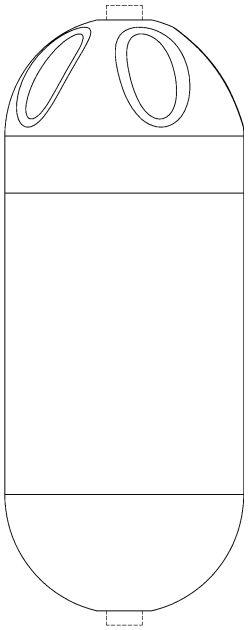


TOP PLAN VIEW

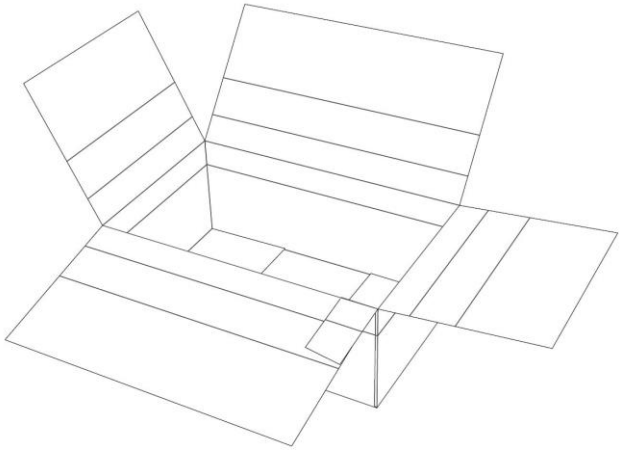
21: F2018/01397 22: 2018-09-07 23: 2018-09-07
43: 2019-06-04
52: Class 16 24: Part F
71: Lewis van der Linde
54: RECTANGULAR STRUCTURE, FITTED WITH A CAMERA INCORPORATING FACIAL RECOGNITION SOFTWARE
57: A rectangular structure, fitted with a camera incorporating facial recognition software, to be utilised for surveillance purposes.



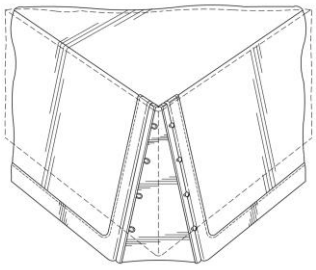
21: F2018/01413 22: 2018-09-11 23:
43: 2019-06-04
52: Class 23 24: Part F
71: KUSINI WATER (PTY) LTD
54: WATER FILTER
57: The features of the design for which protection is claimed reside in the shape and/or configuration of a water filter substantially as shown in the accompanying representations irrespective of the features shown in broken lines. The water filter is shaped and configured for filtering water from one end of the filter to the opposite end of the filter by passing through filter media in the filter.



21: F2018/01425 22: 2018-09-13 23:
43: 2019-06-04
52: Class 09 24: Part F
71: APL CARTONS (PTY) LTD
54: CONTAINER
57: The design is for a rectangular container with frangible joints along corners between adjacent walls. The container can be made smaller by tearing the frangible joints and folding part of each wall above the end points of the tears, along with its adjacent top flap to close the container.

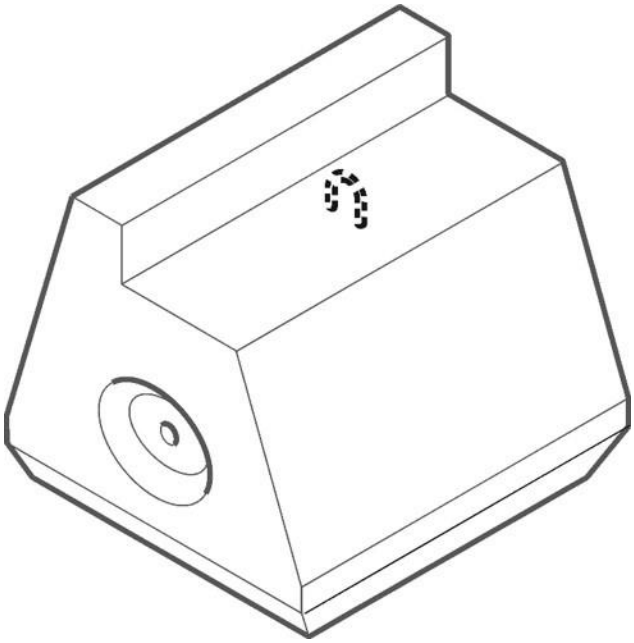


21: F2018/01428 22: 2018-09-14 23:
43: 2019-06-04
52: Class 06 24: Part F
71: HOMECHOICE PROPRIETARY LIMITED
54: BED COVERS
57: The design is for a bed cover. In particular, the design is for a bed cover corner having a material panel which increases in width from an upper edge of the bed cover to a lower edge of the bed cover. The bed cover corner further includes fastening means positioned on opposing sides of the material panel and is adjustable between a fitted configuration and a flared configuration. In the fitted configuration, the opposing sides of the material panel are brought together and the fastening means is fastened to hold the bed cover corner around a bed corner fittedly. In the flared configuration, the fastening means is released such that the opposing sides of the material panel move away from each other to create a flared corner effect. The fastening means is in the form of buttons but can also be hook and loop fasteners, studs, a zip or clasps.

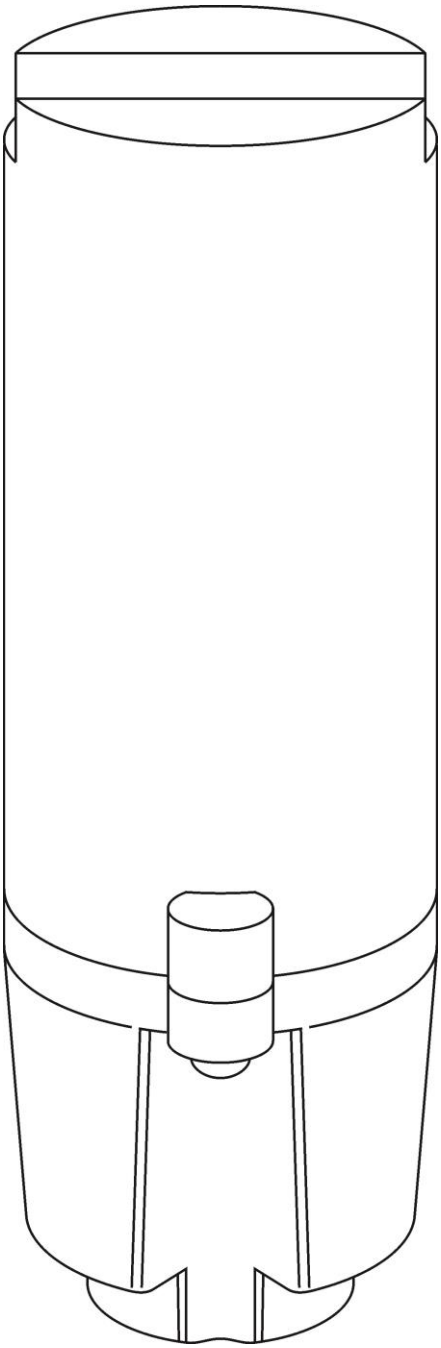


3D view flared corner

21: F2018/01445 22: 2018-09-19 23:
43: 2019-06-04
52: Class 25 24: Part F
71: BAU-AFRIKA (PTY) LTD
54: A BARRIER
57: The design relates to a barrier. The features of the design for which protection is claimed are those of the shape and/or configuration of the barrier as shown in the accompanying representations. The features shown in broken lines are disclaimed from protection.

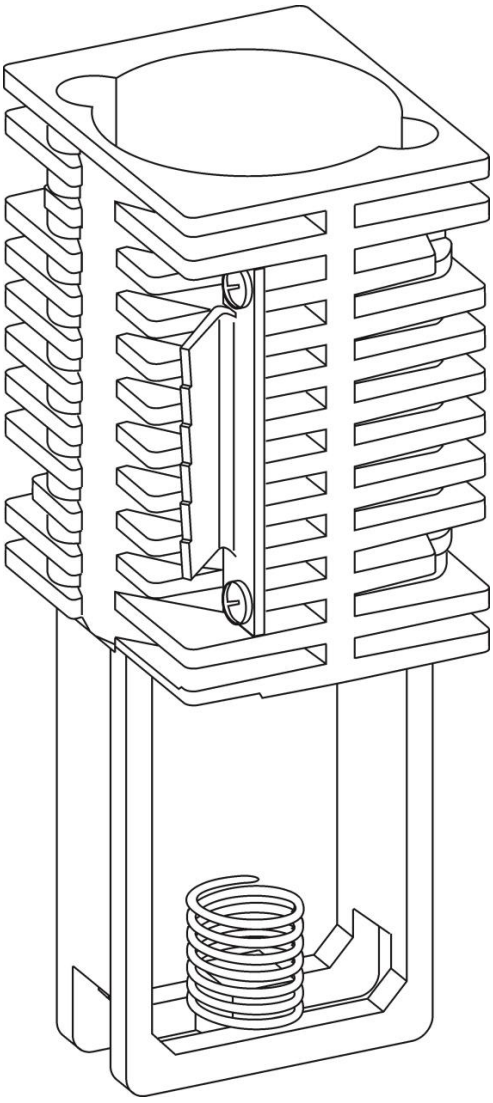


21: F2018/01447 22: 2018-09-19 23:
43: 2019-06-04
52: Class 09 24: Part F
71: MEIRING, Peter Alexander
54: A CAPSULE
57: The design relates to a capsule. The features of the design for which protection is claimed are those of the shape and/or configuration of the capsule as shown in the accompanying representations. The features shown in broken lines are disclaimed from protection.

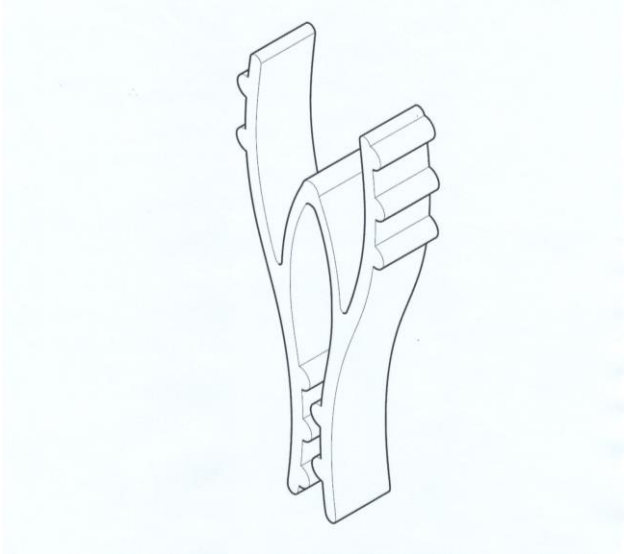


21: F2018/01449 22: 2018-09-19 23:
43: 2019-06-04
52: Class 09 24: Part F
71: MEIRING, Peter Alexander
54: A RECEPTACLE
57: The design relates to a receptacle. The features of the design for which protection is claimed are those of the shape and/or configuration of the receptacle as shown in the accompanying

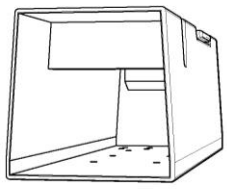
representations. The features shown in broken lines are disclaimed from protection.



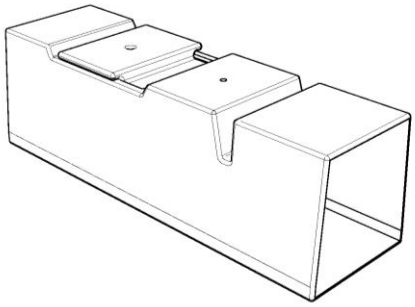
21: F2018/01460 22: 2018-09-21 23:
43: 2019-06-11
52: Class 07 24: Part F
71: MEYER, Paul Louis
54: A PEG
57: The novelty of the design resides in the shape or configuration of a peg substantially as shown in the accompanying representation.



21: F2018/01470 22: 2018-09-25 23:
43: 2019-06-06
52: Class 22 24: Part F
71: SENSATIONAL SEAFOODS CC
54: A TRAP
57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of A TRAP substantially as illustrated in the accompanying representations.



FIRST PERSPECTIVE VIEW

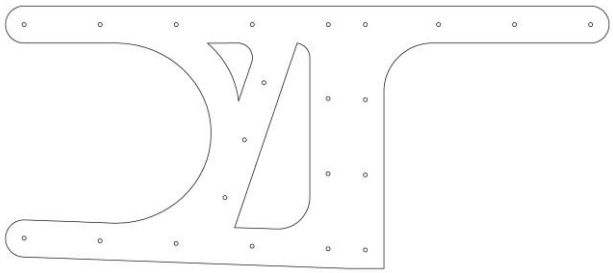


SECOND PERSPECTIVE VIEW

21: F2018/01511 22: 2018-09-28 23:
43: 2019-06-14
52: Class 06 24: Part F
71: SUN CONTROL LLC

54: A SET OF BRACKETS FOR SEATING FURNITURE

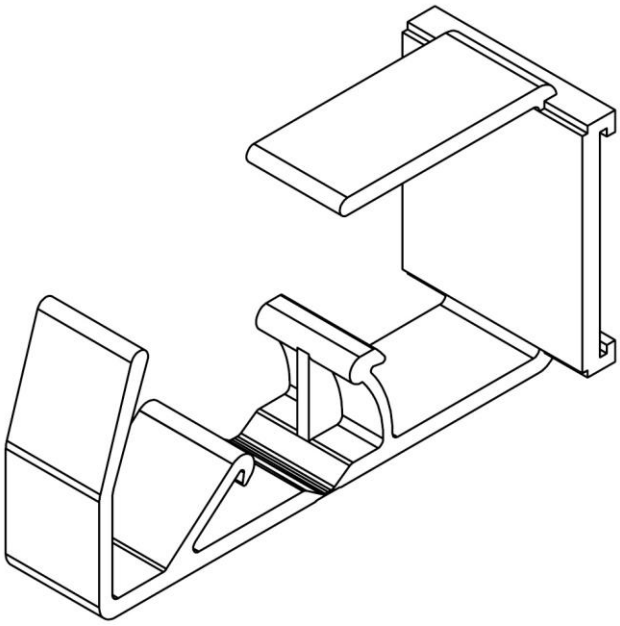
57: The design is for a set of brackets for outdoor seating furniture, which brackets are used to attach elongate elements such as rectangular aluminium tubing together, to form the furniture.



21: F2018/01513 22: 2018-09-28 23:
43: 2019-06-06
52: Class 20 24: Part F
71: SPEX CLOSE CORPORATION

54: SHELF CLIP

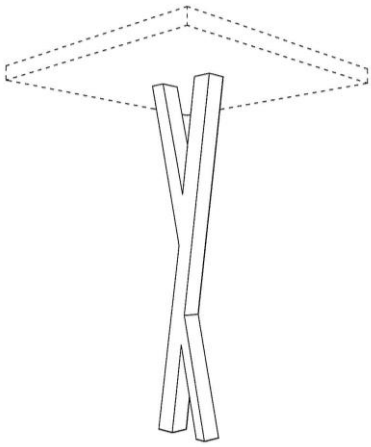
57: The design relates to a shelf clip. The features of the design for which protection is claimed reside in the shape and/or configuration and/or pattern of a shelf clip as shown in the accompanying representations.



21: F2018/01532 22: 2018-10-03 23:
43: 2019-06-14
52: Class 25 24: F
71: ECON OIL AND ENERGY (PTY) LTD

54: SET OF SUPPORT PILLARS

57: The design relates to a set of bifurcated pillars for supporting a roof. The features of the design for which protection is claimed reside in the shape and/or configuration of a set of pillars, substantially as illustrated in the accompanying representations, irrespective of the shape and/or size and/or configuration and/or ornamentation and/or pattern of the roof which is being supported by the pillars.

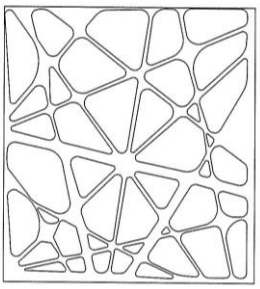


FIRST PERSPECTIVE VIEW
OF FIRST PILLAR

21: F2018/01534 22: 2018-10-03 23:
43: 2019-06-14
52: Class 25 24: F
71: ECON OIL AND ENERGY (PTY) LTD

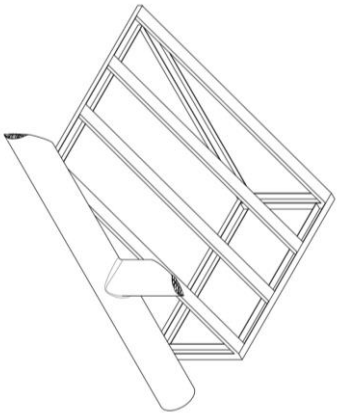
54: ROOF PANEL

57: The design relates to a roof panel. The features of the design for which protection is claimed reside in the shape and/or configuration of a roof panel, substantially as illustrated in the accompanying representations, irrespective of the size of the roof panel.

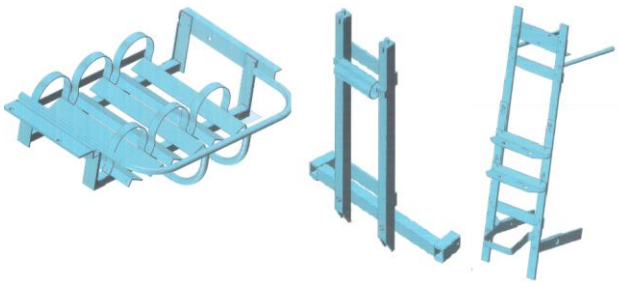


TOP PLAN VIEW

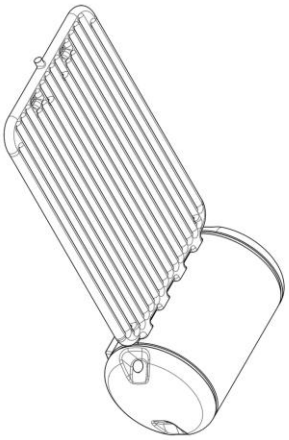
21: F2018/01546 22: 2018-10-09 23:
43: 2019-06-14
52: Class 23 24: Part F
71: VAN ZYL, Riaan
54: BOX HOLE BARRIER WITH WATER DRAIN
57: The design relates to a box hole barrier. The features of the design are those of shape and/or configuration.



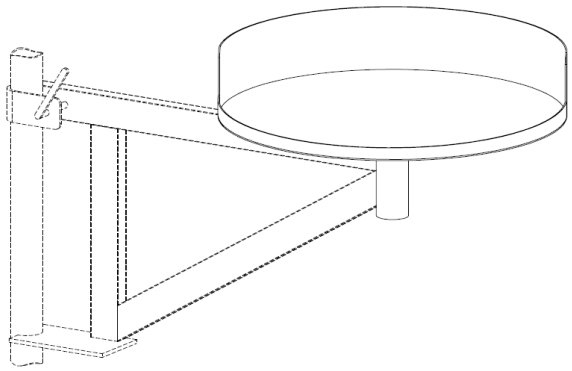
21: F2018/01552 22: 2018-10-11 23:
43:
52: Class 09 24: Part F
71: Odonata Aviation Enterprises (Pty) Ltd
54: A HELICOPTER EQUIPMENT STOWAGE KIT
57: The novelty of the design as applied to A Helicopter Equipment Stowage Kit resides in the features of shape and/or configuration and/or pattern as applied to the articles as shown in the representations.



21: F2018/01566 22: 2018-10-15 23:
43: 2019-06-14
52: Class 23 24: Part F
71: CREST Solar (Pty) Ltd
54: SOLAR WATER HEATER
57: The design relates to a solar water heater. The features of the design are those of shape and/or configuration.



21: F2018/01615 22: 2018-10-19 23:
43: 2019-06-13
52: Class 08 24: Part F
71: NALKO ENERGY AND RESOURCES (PTY) LTD
54: ADJUSTABLE SWAY MORTAR PLATE
57: The features of the design for which protection is claimed reside in the shape and/or configuration of the mortar plate substantially as shown in the accompanying representations irrespective of the appearance of the features in dashed lines. The mortar plate C is shaped and configured to hold mortar or other construction paste while allowing access thereto. The mortar plate C is shaped and configured to be placed in a receiving support structure B which is adjustable relative to scaffolding A.

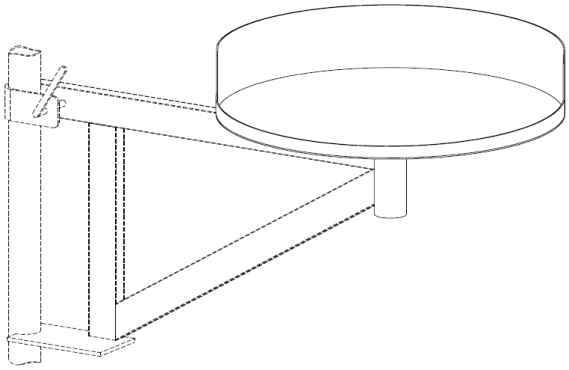


21: F2018/01617 22: 2018-10-19 23:
43: 2019-06-13
52: Class 08 24: Part F

71: NALKO ENERGY AND RESOURCES (PTY) LTD

54: ADJUSTABLE SWAY MORTAR PLATE

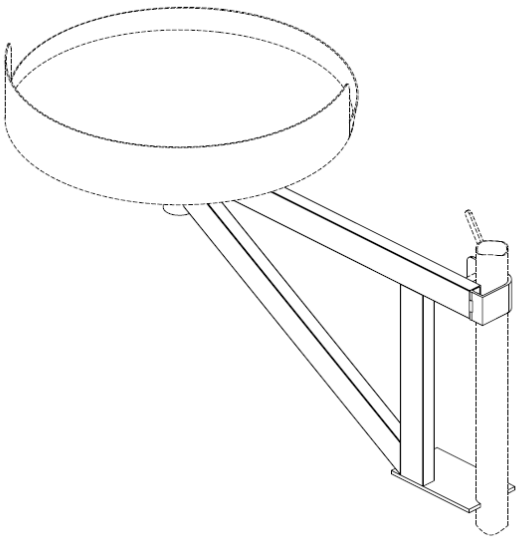
57: The features of the design for which protection is claimed reside in the shape and/or configuration of the mortar plate substantially as shown in the accompanying representations irrespective of the appearance of the features in dashed lines. The mortar plate C is shaped and configured to hold mortar or other construction paste while allowing access thereto. The mortar plate C is shaped and configured to be placed in a receiving support structure B which is adjustable relative to scaffolding A.



21: F2018/01619 22: 2018-10-19 23:
43: 2019-06-13
52: Class 25 24: Part F
71: NALKO ENERGY AND RESOURCES (PTY) LTD

54: ADJUSTABLE SWAY MORTAR PLATE SUPPORT

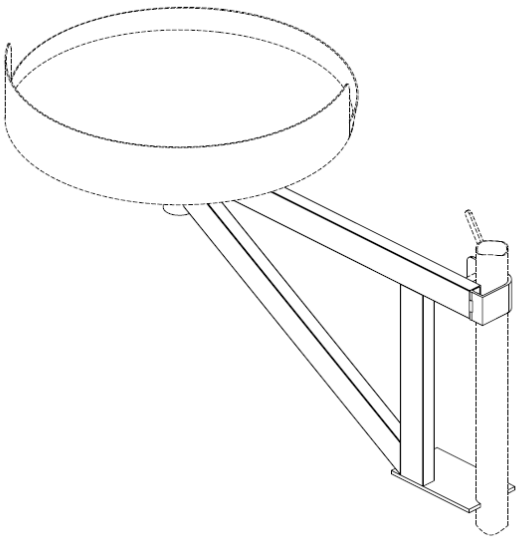
57: The features of the design for which protection is claimed reside in the shape and/or configuration of the adjustable sway mortar plate support substantially as shown in the accompanying representations irrespective of the appearance of the features in dashed lines. The adjustable sway mortar plate support B is shaped and configured to be attached and adjusted relative to scaffolding A and to engage a mortar board C. The adjustable sway mortar plate support B may be adjusted up or down the scaffolding A and rotated 360° around the scaffolding A.



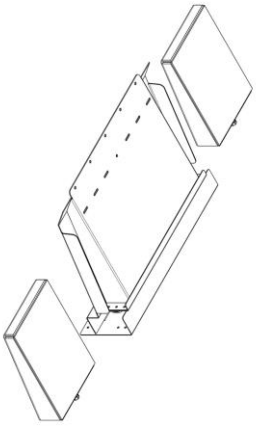
21: F2018/01621 22: 2018-10-19 23:
43: 2019-06-13
52: Class 25 24: Part F
71: NALKO ENERGY AND RESOURCES (PTY) LTD

54: ADJUSTABLE SWAY MORTAR PLATE SUPPORT

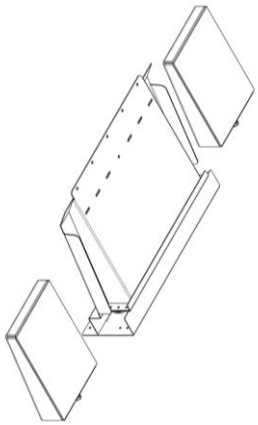
57: The features of the design for which protection is claimed reside in the shape and/or configuration of the adjustable sway mortar plate support substantially as shown in the accompanying representations irrespective of the appearance of the features in dashed lines. The adjustable sway mortar plate support B is shaped and configured to be attached and adjusted relative to scaffolding A and to engage a mortar board C. The adjustable sway mortar plate support B may be adjusted up or down the scaffolding A and rotated 360° around the scaffolding A.



21: F2018/01625 22: 2018-10-22 23:
43: 2019-06-14
52: Class 23 24: Part F
71: ID Control Solutions (Pty) Ltd
54: CARTRIDGE
57: The design relates to a cartridge. The features of the design are those of shape and/or configuration.



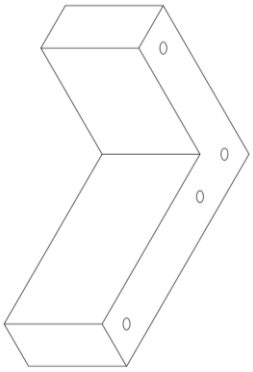
21: F2018/01626 22: 2018-10-22 23:
43: 2019-06-14
52: Class 10 24: Part F
71: ID Control Solutions (Pty) Ltd
54: CARTRIDGE
57: The design relates to a cartridge. The features of the design are those of shape and/or configuration.



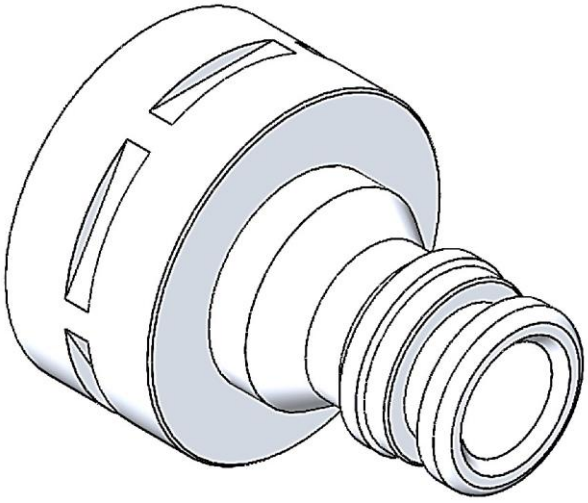
21: F2018/01638 22: 2018-10-24 23:
43: 2019-06-14
52: Class 09 24: Part F
71: ESTERHUIZEN, Francois
54: CONTAINER
57: The design relates to a container. The features of the design are those of shape and/or configuration.



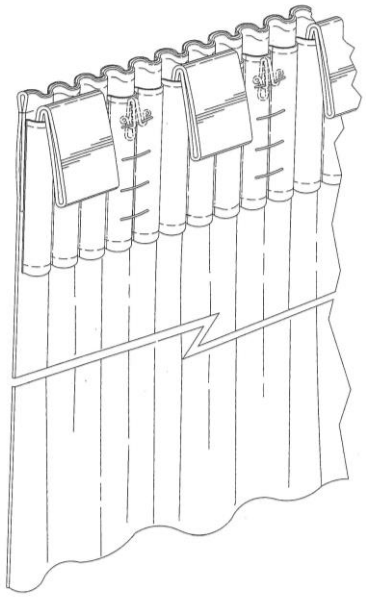
21: F2018/01639 22: 2018-10-24 23: 2018-08-01
43: 2019-06-14
52: Class 25 24: Part F
71: HOLLOWAY, Schalk Willem
54: BUILDING BLOCK
57: The design relates to a building block. The features of the design are those of shape and/or configuration.



21: F2018/01646 22: 2018-10-25 23:
43: 2019-06-20
52: Class 23 24: Part F
71: GREYLING, Ryno
54: WATER HOSE FITTING
57: The novelty of this design resides in the shape and configuration of a WATER HOSE FITTING substantially as shown in the drawings.

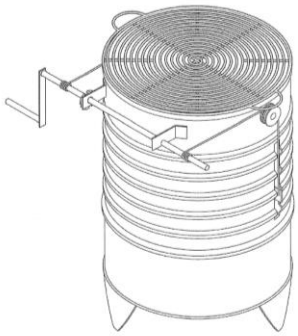


21: F2018/01647 22: 2018-10-25 23: 2018-08-01
43: 2019-06-20
52: Class 06 24: Part F
71: HOMECHOICE PROPRIETARY LIMITED
54: CURTAINS
57: The design is for a curtain. Specifically, the design is for a curtain which includes four hanging formations to allow different methods of hanging the curtain. The four hanging formations are located along an operatively upper side of the curtain. In particular, the four hanging formations are defined by: curtain tape, a wire pocket located above the curtain tape, a rod pocket running adjacent the curtain tape and spaced apart upper tabs which extend from above the curtain tape. The representations illustrate the four hanging formations, in use with a wire, with a rod, or with hooks.



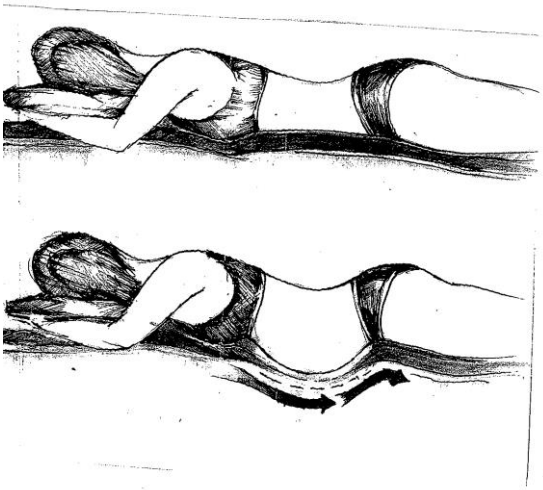
Three-dimensional view, in use with hooks in curtain tape

21: F2018/01666 22: 2018-10-29 23: 2018-04-30
43: 2019-06-20
52: Class 07 24: Part F
71: CARDENAS, Romulo Fernando
54: BARBECUE
57: The features for which protection is claimed reside in the shape or configuration of a barbecue, substantially as shown in the accompanying representations.

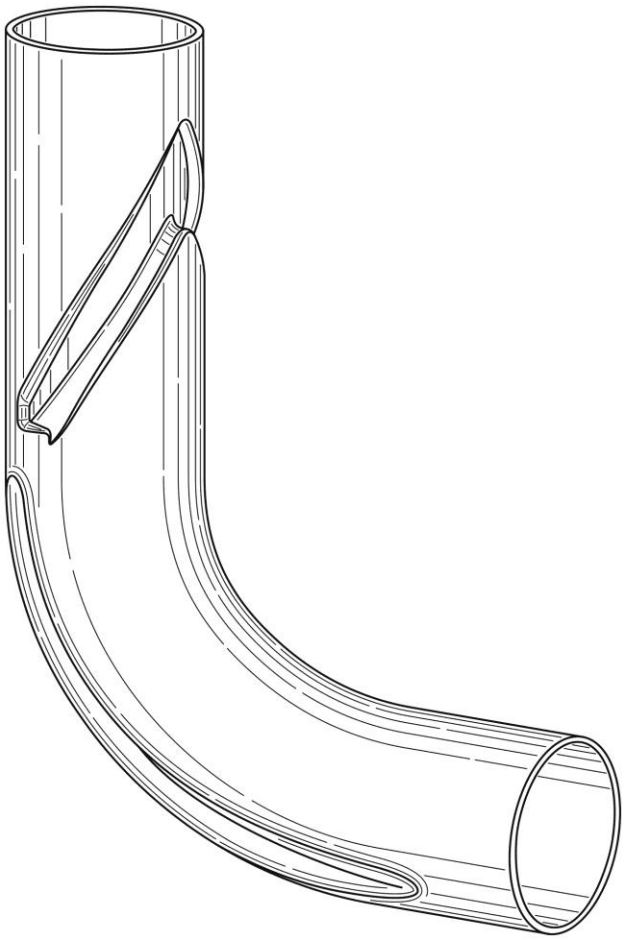


21: F2018/01680 22: 2018-11-01 23: 2018-11-01
43: 2019-07-10
52: Class 06 24: Part F

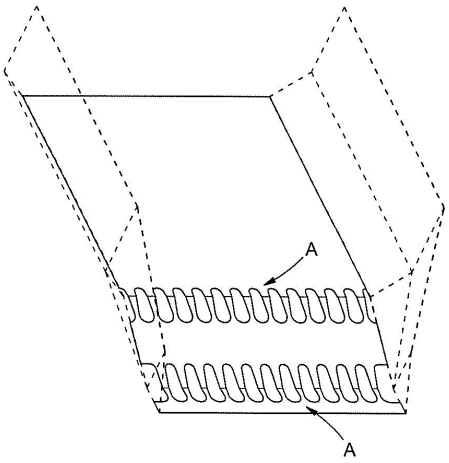
71: DINEO PHALE
33: OA 31: 06 32: 2018-11-01
54: DOUGHNUT BED
57: The product is THE DOUGHNUT BED.The product is aimed to target pregnant women,males with big bellies and females. The product tucks in the belly.It will be on electric adjustable bed that allows support and help to evenly distribute your body weight for the ultimate good rest.The product consist of memory foam that allows the air flow system between the foam layers and provides extra-inner resilience plus greater twin ventilation through the bed.



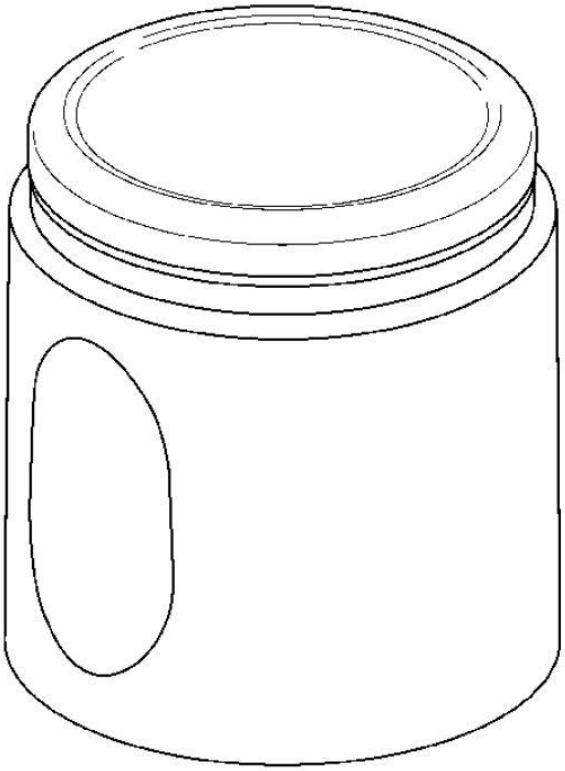
21: F2018/01691 22: 2018-11-06 23:
43: 2019-06-24
52: Class 23 24: Part F
71: GEBERIT INTERNATIONAL AG
33: IB 31: DM/101 654 32: 2018-06-04
54: PIPE BEND
57: The design is applied to a pipe bend. The feature of the design for which protection is claimed is that of the shape of the pipe bend substantially as shown in the accompanying representation. Surface shading lines are provided to indicate the surface character and contours but do not form part of the design and are disclaimed.



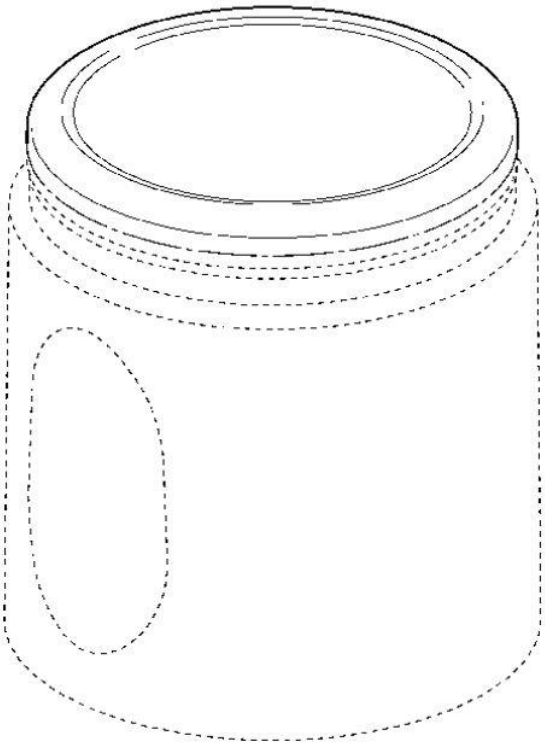
21: F2018/01710 22: 2018-11-09 23:
43: 2019-06-24
52: Class 15 24: F
71: A & L ROETS TRUST
54: A MATERIAL SEPARATION APPARATUS
57: The design relates to a material separation apparatus for a material handling chute. The features of the design for which protection is claimed reside in the shape and/or configuration of a material separation apparatus, substantially as illustrated in the accompanying representations.



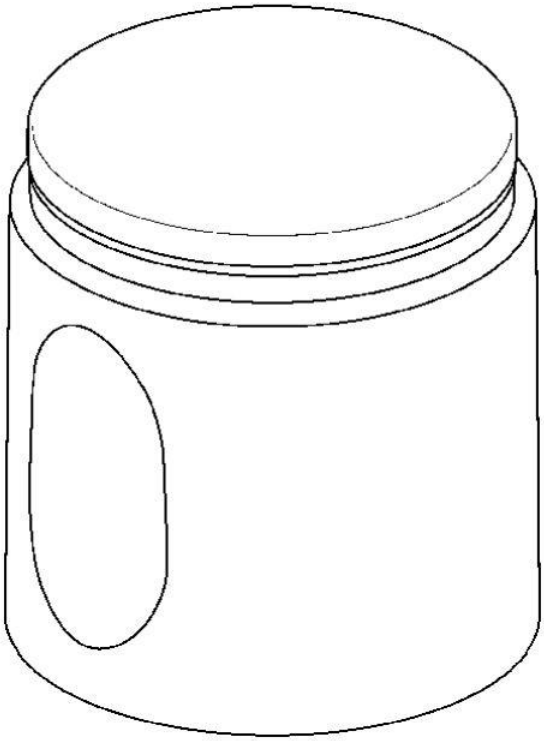
21: F2018/01744 22: 2018-11-12 23:
43: 2019-06-24
52: Class 09 24: Part F
71: Brickell Biotech, Inc
33: JP 31: 2018-10216 32: 2018-05-11
54: APPLICATOR
57: The design is for an applicator for topical pharmaceutical preparations and is generally cylindrical in shape, with an indentation in a side of the applicator. The top of the application forms a circular disc with a slightly protruding circumference.



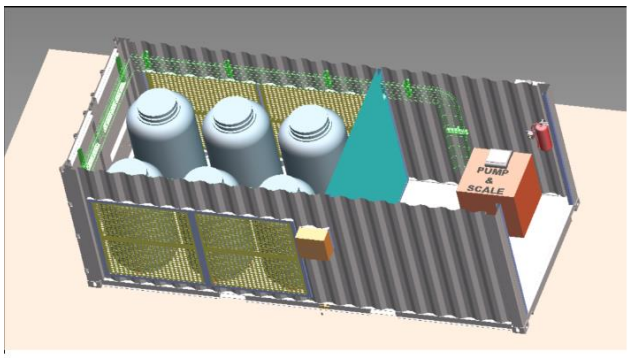
21: F2018/01746 22: 2018-11-12 23:
43: 2019-06-24
52: Class 09 24: Part F
71: Brickell Biotech, Inc
33: JP 31: 2018-10217 32: 2018-05-11
54: APPLICATOR
57: The design is for an applicator for topical pharmaceutical preparations and is generally cylindrical in shape, with an indentation in a side of the applicator. The top of the application forms a circular disc with a slightly protruding circumference.



21: F2018/01747 22: 2018-11-12 23:
43: 2019-06-24
52: Class 09 24: Part F
71: Brickell Biotech, Inc
33: JP 31: 2018-10218 32: 2018-05-11
54: APPLICATOR
57: The design is for an applicator for topical pharmaceutical preparations and is generally cylindrical in shape, with an indentation in a side of the applicator. The top of the application forms a circular disc that is substantially flat.



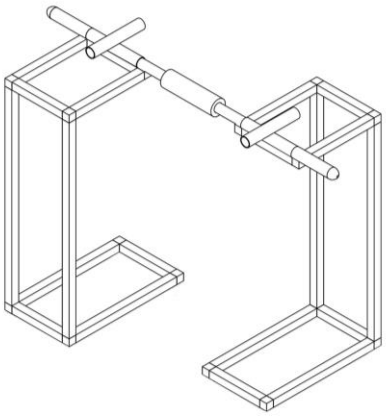
21: F2018/01753 22: 2018-11-14 23:
43: 2019-06-24
52: Class 25 24: Part F
71: PAYGAS S.A.R.L
54: A GAS DISPENSING STATION
57: The novelty of the design as applied to a gas dispensing station resides in the features of shape and/or configuration and/or pattern as applied to the article as shown in the representations.



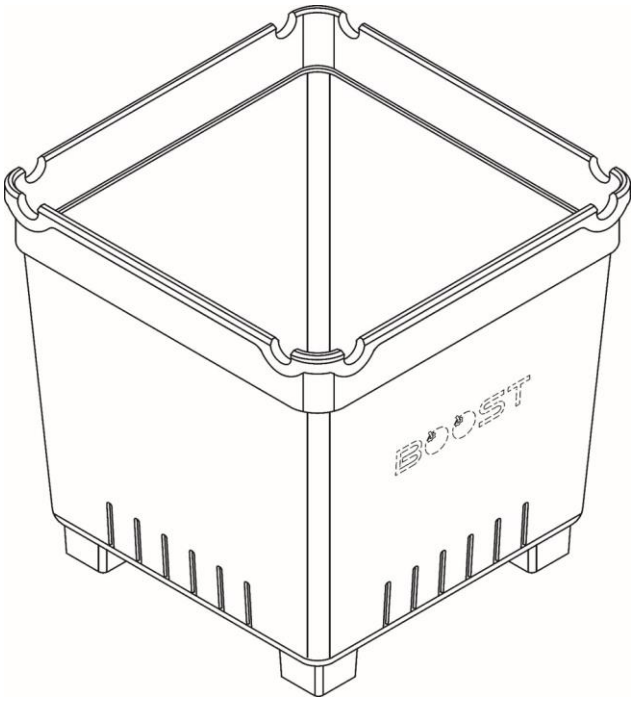
Isometric top view with roof removed

21: F2018/01755 22: 2018-11-14 23:
43: 2019-06-24
52: Class 08 24: Part F
71: SARKIS, Luke, KHOURY-PRINSLOO, Catherine
54: GRASPING DEVICE

57: The design relates to a grasping device. The features of the design are those of shape and/or configuration.



21: F2018/01756 22: 2018-11-14 23:
43: 2019-06-24
52: Class 11 24: Part F
71: UNION SPINNING MILLS (PTY) LTD, CARCHARODON CC
54: POT
57: The design is applied to a pot. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the pot substantially as shown in the accompanying representation. Features shown in broken lines are disclaimed from protection.



HYPOTHECATIONS

No records available

JUDGMENTS

No records available

OFFICE PRACTISE NOTICES

No records available

4. COPYRIGHT

COPYRIGHT IN CINEMATOGRAPH FILMS

NOTICES OF ACCEPTANCE

(Applications filed in terms of Act No. 62 of 1977)

Any person, who has grounds for objection to the registration of the copyright in any of the following cinematographs films, may within the prescribed time, lodge Notice of Opposition on Form RF 5 contained in the Second Schedule to the Registration of Copyright in Cinematograph Films Regulations, 1980. The prescribed time is one month after the date of advertisement .This period may on application be extended by the Registrar.

The numerical denote the following: **(21)** Official application number. **(22)** Date of application. **(43)** Date of acceptance. **(24)** Date(s) and place(s) at which cinematograph films was made. **(25)** Date and place of first publication. **(71)** Name (s) of all applicant (s). **(75)** Name of author. **(76)** Name of producer **(77)** Name of director **(54)** Title of cinematograph film. **(78)** Name(s) of principal players or narrator. **(26)** Places at which cinematograph film may be viewed and conditions. **(55)** Specimen lodged/Not lodged. **(56)** Preview requested/Not requested. **(57)** Abstract (Storyline). **(58)** Category.

21: 2019/000015. 22: 2019/07/02 43: 04/07/2019
24: 2019/01/27 to 2019/06/27; Centurion
25: 2019/06/27; Johannesburg
71: HER PAINTINGS (PTY) LTD
77 A CENTRAL ROAD JACANLEE RANBURG
2194, JOHANNESBURG, 2194, South Africa
75: Reine Swart;
76: Maria Molefe Van Heerden;
77: Reine Swart;
54: **HER MASK**
78: Coco Lloyd, Maria Molefe Van Heerden, Mary-Anne Barlow, Chris Jaftha, Hungani Ndlovu and Stephanie Sandows;
26: Online Platform-Rental fee is payable
Cinema South Africa-viewing fee is payable
DVD-Purchase fee is payable
55: Specimen lodged/Not lodged.
56: Preview Requested/Not requested
57: Dilanne is a british Girl who goes to her Aunt's lodge in SA after her Mother has been murdered. Dilanne investigates her Mother's death and unravels her late Mother's secrets. Sing her Mother's death she and everyone at the lodge has experienced super natural occurances. This leads her to a witch Doctor and the truth is unveiled. The witch Doctor captured her late Mother's darkness years ago. To be released in death.Dilanne has to put an end to the madness.

58: DR

HYPOTHECATIONS

No records available

JUDGMENTS

No records available

OFFICE PRACTISE NOTICES

No records available

5. CORRECTION NOTICES

TRADE MARK CORRECTION NOTICES

The Trade Mark under application no: **2014/17435** was advertised in the December 2017 journal without an endorsement and it should have appeared as the one below: The valid publication date will remain the **20/12/2017.**

2014/17435 in Class 31: Pet food and edible pet treats.; in the name of CHAMPION PETFOODS LP of 11403-186 Street NW, Edmonton, Alberta, T5S 2W6,Canada. Address for service: DE CHALAINS of PO Box 2854, Brooklyn Square, 0075, DX 179 Brooklyn, Pretoria, South Africa



Registration of this trade mark shall give no right to the exclusive use of the 11- point maple leaf symbol, separately and apart from the mark.

The Government of Canada's permission to use the 11-point maple leaf symbol is contingent on the requirement that the applicant will not prevent anyone from using the11-point maple leaf symbol, and that the products of the applicant will continue not to provide a false impression that it could be associated with or endorsed by the Government of Canada.

Registration of this trade mark shall give no right to the exclusive use of the words "CANADA'S BEST" separately and apart from the mark.

It is a condition of registration that any label carrying the trade mark will clearly indicate the country of origin of the goods and that they will be made or sourced in, or imported, from Canada.

FILED: 2014-07-07

PATENT CORRECTION NOTICES

No records available

DESIGNS CORRECTION NOTICES

No records available

COPYRIGHT CORRECTION NOTICES

No records available

PATENTS

Advertisement List for July 2019

Number of Advertised Patents: 1010

Application Number	Patent Title	Filing Date
2010/08602	A PUMP HOUSING SUPPORT	11/30/2010
2011/07634	HARD DRIVE DESTRUCTION SYSTEM	10/18/2011
2011/08341	USES OF IMMUNOCONJUGATES TARGETING CD138	11/14/2011
2012/00370	HIV RELATED PEPTIDES COMBINATION OR FUSION FOR USE IN HIV VACCINE COMPOSITION OR AS DIAGNOSTIC MEANS	1/17/2012 1
2012/01721	ENHANCING COMMUNICATION	3/8/2012 12
2012/07935	DIAGNOSTIC METHODS FOR GLAUCOMA	4/13/2011 1
2013/00193	FORMULATIONS OF RIFAXIMIN AND USES THEREOF	1/8/2013 12
2013/01463	PHARMACEUTICAL COMPOSITIONS FOR CALANOLIDES, THEIR DERIVATIVES AND ANALOGUES, AND PROCESS FOR PRODUCING THE SAME	2/26/2013 1
2013/04858	ACTIVE INGREDIENT COMBINATIONS COMPRISING PYRIDYLETHYLBENZAMIDES AND OTHER ACTIVE INGREDIENTS	6/28/2013 1
2013/06427	SMOKING ARTICLE AND METHOD OF MANUFACTURING A SMOKING ARTICLE	8/26/2013 1
2013/07297	ANTIBODIES AGAINST HUMAN ANGIOPOIETIN 2	9/30/2013 1
2013/07407	A PROSTHESIS	10/4/2013 1
2013/07931	LIQUID SOAPS WITH TRICLOCARBAN	10/23/2013
2013/08807	HYPERTENSION AND HYPERURICEMIA	11/22/2013
2014/00764	METHOD AND APPARATUS FOR MULTIPLEXING AND DEMULTIPLEXING VIDEO DATA TO IDENTIFY REPRODUCING STATE OF VIDEO DATA.	1/31/2014 1
2014/01010	DIGITAL PHOTOGRAPHING APPARATUS AND METHOD OF CONTROLLING THE SAME	11/15/2012
2014/01779	ANTIBODY FORMULATIONS	10/30/2012
2014/02867	METHOD AND APPARATUS FOR PRECISELY CONTROLLING THE SIZE AND SHAPE OF RADIOFREQUENCY ABLATIONS	4/22/2014 1

Application Number	Patent Title	Filing Date
2014/03059	INCREASING VIRUS-LIKE PARTICLE YIELD IN PLANTS	4/29/2014 1
2014/04178	GENERATING ADDITIONAL MERGE CANDIDATES	6/6/2014 12
2014/08359	A METHOD OF ADAPTATION OF A BACTERIAL CULTURE AND LEACHING PROCESS	11/14/2014
2014/08390	METHOD AND APPARATUS FOR DETERMINING REFERENCE PICTURE SET OF IMAGE	11/13/2014
2014/08585	IMMUNOGENIC ANTI-INFLAMMATORY COMPOSITIONS	11/21/2014
2015/00348	COMBINATION THERAPIES FOR MELANOMA COMPRISING ADMINISTERING COBIMETINIB AND VEMURAFINIB	1/16/2015 1
2015/00604	METHOD AND SYSTEM FOR AD INSERTION IN OVER-THE-TOP LIVE MEDIA DELIVERY	6/28/2013 1
2015/00760	METHOD AND APPARATUS FOR CODING VIDEO HAVING TEMPORAL SCALABILITY, AND METHOD AND APPARATUS FOR DECODING VIDEO HAVING TEMPORAL SCALABILITY	2/2/2015 12
2015/00986	IMMUNOGENIC COMPOSITIONS	2/11/2015 1
2015/01018	COMPOUNDS FOR THE TREATMENT OF PARAMOXYVIRUS VIRAL INFECTIONS	2/12/2015 1
2015/01039	VIDEO ENCODING METHOD AND VIDEO ENCODING APPARATUS AND VIDEO DECODING METHOD AND VIDEO DECODING APPARATUS FOR SIGNALING SAO PARAMETERS	2/13/2015 1
2015/01346	COMPOSITION COMPRISING NUCLEIC ACIDS OF PARASITIC, PATHOGENIC OR WEED BIOLOGICAL SYSTEMS FOR INHIBITING AND/OR CONTROLLING THE GROWTH OF SAID SYSTEMS	7/10/2013 1
2015/01466	A SYSTEM FOR THE REDUCTION IN APPLIED ENERGY, IMPROVED EFFICIENCIES AND REDUCED COSTS IN OPEN PIT MINING	3/4/2015 12
2015/02415	DRILLS STRING COMPONENTS HAVING MULTIPLE-THREAD JOINTS	9/13/2013 1
2015/03134	TREATMENT OF CANCERS USING PI3 KINASE ISOFORM MODULATORS	11/1/2013 1
2015/03522	METHODS AND DEVICES FOR COMPOUND DELIVERY	5/19/2015 1
2015/03755	HERBICIDE COMPOSITION	10/31/2013
2015/05104	USER CONTROL OF THE TRADE-OFF BETWEEN RATE OF NAVIGATION AND	7/16/2015 1

Application Number	Patent Title	Filing Date
	EASE OF ACQUISITION IN A GRAPHICAL USER INTERFACE	
2015/05209	BINDING MOLECULES FOR BCMA AND CD3	7/20/2015 1
2015/05658	A SYSTEM AND METHOD OF MANAGING AN INSURANCE PLAN	8/5/2015 12
2015/06228	LIQUID-PHASE HYDROGENATION REACTION METHOD WITH MULTI-STAGE HYDROGEN DISSOLUTION	8/1/2013 12
2015/06276	LATEX EMULSIONS AND COATING COMPOSITIONS PREPARED FROM LATEX EMULSIONS	8/27/2015 1
2015/06293	METHOD AND SYSTEM FOR GRINDING FRAGMENTARY STARTING MATERIAL	1/29/2014 1
2015/06437	TARGET OBJECT IDENTIFYING DEVICE, TARGET OBJECT IDENTIFYING METHOD AND TARGET OBJECT IDENTIFYING PROGRAM	1/31/2014 1
2015/06441	NONALCOHOLIC FATTY LIVER DISEASE (NAFLD) AND NONALCOHOLIC STEATOHEPATITIS (NASH) BIOMARKERS AND USES THEREOF	3/10/2014 1
2015/06583	CHEMICAL CHAPERONINS AS NOVEL MOLECULAR MODULATORS OF BETA PROTEIN AGGREGATION PRESENT IN CONFORMATIONAL DISEASES	9/7/2015 12
2015/06620	AN OFFSHORE DRILLING RIG AND A METHOD OF OPERATING THE SAME	3/17/2014 1
2015/07795	BACTERIAL ARTIFICIAL CHROMOSOMES	10/19/2015
2015/08064	ONCOSTATIN M RECEPTOR ANTIGEN BINDING PROTEINS	10/30/2015
2015/08514	PYRAZOLE COMPOUNDS AS MODULATORS OF FSHR AND USES THEREOF	6/24/2014 1
2015/08710	METHOD AND APPARATUS FOR GENERATING FROM A COEFFICIENT DOMAIN REPRESENTATION OF HOA SIGNALS A MIXED SPATIAL/COEFFICIENT DOMAIN REPRESENTATION OF SAID HOA SIGNALS	6/24/2014 1
2015/08711	TREATMENT OF CANCERS USING PI3 KINASE ISOFORM MODULATORS	5/30/2014 1
2016/00015	ANTI-FIBROGENIC COMPOUNDS, METHODS AND USES THEREOF	1/4/2016 12
2016/00120	BIOPHOTONIC COMPOSITIONS COMPRISING A CHROMOPHORE AND A GELLING AGENT FOR TREATING WOUNDS	1/7/2016 12

Application Number	Patent Title	Filing Date
2016/00198	NEW ISOINDOLINE OR ISOQUINOLINE COMPOUNDS, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM	1/11/2016 1
2016/00273	YIELDABLE ROCK ANCHOR	7/12/2013 1
2016/00607	PROTECTIVE HEAD CAP	1/28/2016 1
2016/00753	AMIDE DERIVATIVES AS LYSOPHOSPHATIDIC ACID RECEPTOR ANTAGONISTS	2/3/2016 12
2016/01117	A PROCESS FOR PREPARING PROPYLENE OXIDE	2/18/2016 1
2016/01873	METHOD FOR DIAGNOSING TUBERCULOSIS IN A URINE SAMPLE	3/15/2016 1
2016/02015	BAIL COMPENSATION JOINT FOR RAIL VEHICLES	10/2/2014 1
2016/02111	HIGH MOLECULAR WEIGHT AND HIGH CATIONIC CHARGE GLYOXALATED POLYACRYLAMIDE COPOLYMERS, AND THEIR METHODS OF MANUFACTURE AND USE	3/30/2016 1
2016/02259	DUALLY DERIVATIZED CHITOSAN NANOPARTICLES AND METHODS OF MAKING AND USING THE SAME FOR GENE TRANSFER IN VIVO	9/25/2014 1
2016/02315	SYNTHETIC ROUTE TO 2'-DEOXY-2',2'-DIFLUOROTETRAHYDROURIDINES	10/29/2014
2016/02441	QUINONE AND HYDROQUINONE BASED FLOW BATTERY	9/26/2014 1
2016/02657	METHOD FOR CONTROLLING WEEDS IN SUGAR CANE PLANTATIONS	4/19/2016 1
2016/03135	SCAFFOLD BAR	5/10/2016 1
2016/03352	MULTI-WAY TUBULAR CHANNEL CONNECTOR BLOCK	5/17/2016 1
2016/03465	ADENOSINE A1 AGONISTS AS MEDICAMENTS AGAINST RENAL DISEASES	5/20/2016 1
2016/03502	POLYPROPYLENE COMPOSITION WITH EXCELLENT PAINT ADHESION	5/23/2016 1
2016/03695	MULTIMODAL POLYPROPYLENE WITH RESPECT TO COMONOMER CONTENT	5/31/2016 1
2016/03968	NOVEL USE OF BIOTIN AND NATURAL ESSENTIAL OILS FOR BOVINE ANIMALS TO IMPROVE BEEF QUALITY	6/10/2016 1
2016/04040	METHOD, SYSTEM AND COMPUTER PROGRAM FOR DECISION SUPPORT	6/14/2016 1
2016/04076	SUCTIONING DEVICE FOR LARGE ARTIFICIAL WATER BODIES	6/15/2016 1
2016/04329	DEVICE FOR PRODUCING GREEN COAL FOR AGRICULTURAL USE	6/27/2016 1

Application Number	Patent Title	Filing Date
2016/04451	IMMEDIATE RELEASE ABUSE-DETERRENT GRANULATED DOSAGE FORMS	10/29/2014
2016/04502	USE OF BENZIMIDAZOLE-PROLINE DERIVATIVES	7/1/2016 12
2016/04909	METHOD FOR PRODUCING ELECTRIC TRIGGER ELEMENTS FOR PYROTECHNIC ARTICLES	12/17/2014
2016/05464	INVISIBLE, CONTACTLESS SWITCH DEVICE	8/5/2016 12
2016/05555	RUN-FLAT RADIAL TIRE	8/10/2016 1
2016/05894	ANTI-EGFRVIII ANTIBODIES AND USES THEREOF	8/24/2016 1
2016/06376	SELF RELEASE NOZZLE	9/15/2016 1
2016/06589	BOMB DISPOSAL SUIT WITH BACK PROTECTOR	9/23/2016 1
2016/06704	TOPICAL CORTICOSTEROID COMPOSITIONS	9/28/2016 1
2016/07177	CYCLIC APELIN ANALOGS	3/25/2015 1
2016/07281	HIGH FREQUENCY MODULATED TRANSMITTER ARRANGEMENT	10/21/2016
2016/07322	POWER CONFIGURATION METHOD, USER EQUIPMENT AND BASE STATION	10/24/2016
2016/07422	ASYNCHRONOUS MULTICARRIER COMMUNICATIONS	10/27/2016
2016/07434	AN ELECTRONIC LOCKING SYSTEM	10/27/2016
2016/07531	A LIQUID DISPENSING DEVICE	11/1/2016 1
2016/07576	MUSICAL SOUND GENERATOR	11/2/2016 1
2016/07845	METHOD AND DEVICE FOR DETECTION OF WHOLE ORGANISM BACTERIA	5/29/2015 1
2016/07947	AUTOMATIC INJECTION DEVICES HAVING OVERMOLDED GRIPPING SURFACES	11/17/2016
2016/08146	INFORMATION RETRIEVAL SYSTEM AND METHOD	11/24/2016
2016/08379	METHOD FOR PRODUCING A SECURITY ELEMENT	12/5/2016 1
2016/08432	TARGETED CONJUGATES AND PARTICLES AND FORMULATIONS THEREOF	12/7/2016 1
2016/08489	EXPANDING SECURING MECHANISM	12/8/2016 1
2016/08536	WOUND DRESSING	12/12/2016
2016/08644	IMPLOSION REACTOR TUBE	12/14/2016
2016/08839	TUBE WITH APPLICATION TIP	12/21/2016
2017/00343	WEBSITE ACCESS METHOD, APPARATUS, AND WEBSITE SYSTEM	1/16/2017 1
2017/00486	AXIAL SLIDING BEARING	1/20/2017 1
2017/00621	ZEOLITE ADSORBENTS WITH LOW BINDER CONTENT AND LARGE EXTERNAL SURFACE AREA, METHOD	8/4/2015 12

Application Number	Patent Title	Filing Date
	FOR PREPARATION OF SAME AND USES THEREOF	
2017/00627	UVC DECONTAMINATION AND DETOXIFICATION DEVICE	7/22/2015 1
2017/00676	FLEXIBLE CONFIGURATION OF HARQ PROCESS FEEDBACK	4/10/2015 1
2017/00824	CARRIER MOLECULE FOR ANTIGENS	2/2/2017 12
2017/00828	ELECTRONIC AEROSOL PROVISION SYSTEM	2/2/2017 12
2017/00920	EXTERNAL GEAR PUMP INTEGRATED WITH TWO INDEPENDENTLY DRIVEN PRIME MOVERS	7/22/2015 1
2017/00921	DEVICE FOR THE CONTINUOUS THERMAL PROCESSING OF USED OR OTHERWISE DEGRADED TYRES	2/6/2017 12
2017/00936	PROCESS FOR LARGE SCALE PRODUCTION OF N-[4-(1-CYCLOBUTYL PIPERIDIN-4-YLOXY) PHENYL]-2-(MORPHOLIN-4-YL) ACET AMIDE DIHYDROCHLORIDE	2/7/2017 12
2017/00937	PROCESS FOR LARGE SCALE PRODUCTION OF 1-ISOPROPYL-3-{5-[1-(3-METHOXYPROPYL) PIPERIDIN-4-YL]-[1,3,4]OXADIAZOL-2-YL}- 1H-INDAZOLE OXALATE	2/7/2017 12
2017/00966	AN ELASTIC HOT MELT ADHESIVE COMPOSITION AND AN ELASTIC COMPOSITE MADE WITH THE SAME	2/8/2017 12
2017/00970	ROLLER AND PRESS APPARATUS INCLUDING THE SAME	2/8/2017 12
2017/00998	PROCESS FOR SEPARATING PHENOLS AND BTX AROMATICS FROM GAS CONDENSATE	2/9/2017 12
2017/01005	AMINOPYRIMIDINYL COMPOUNDS AS JAK INHIBITORS	2/9/2017 12
2017/01061	N-ALKYLARYL-5-OXYARYL-OCTAHYDRO-CYCLOPENTA[C]PYRROLE NEGATIVE ALLOSTERIC MODULATORS OF NR2B	2/13/2017 1
2017/01069	PYRROLOPYRIMIDINE DERIVATIVES AS NR2B NMDA RECEPTOR ANTAGONISTS	2/13/2017 1
2017/01071	MODIFIED VIP3 POLYPEPTIDES	2/13/2017 1
2017/01131	NOVEL 2,5-SUBSTITUTED PYRIMIDINES AS PDE4 INHIBITORS	2/15/2017 1
2017/01132	NOVEL 2,5-SUBSTITUTED PYRIMIDINES AS PDE INHIBITORS	2/15/2017 1
2017/01139	CONDITIONAL UPLINK RADIO RESOURCE UTILIZATION IN A CELLULAR NETWORK	9/1/2014 12
2017/01170	AUTHENTICATION CODE ENTRY SYSTEM AND METHOD	2/16/2017 1

Application Number	Patent Title	Filing Date
2017/01187	SYSTEMS AND METHODS FOR IDENTIFYING BODY JOINT LOCATIONS BASED ON SENSOR DATA ANALYSIS	2/16/2017 1
2017/01211	QUATERNARY AMMONIUM HALIDES WITH ETHER FUNCTIONAL GROUPS FOR USE AS BATTERY ELECTROLYTES	2/17/2017 1
2017/01214	IMIDAZO[1,2-A]PYRIDINE DERIVATIVES FOR USE AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION	2/17/2017 1
2017/01215	METHOD FOR BLOWING SUBSTITUTE REDUCING AGENTS INTO A BLAST FURNACE	2/17/2017 1
2017/02303	A METHOD OF CONTROLING MICROBIAL PATHOGENS ON LIVING PLANT TISSUE	3/31/2017 1
2017/02330	A PROCESS FOR THE PREPARATION OF AN MWW ZEOLITIC MATERIAL COMPRISING BORON AND TITANIUM	4/3/2017 12
2017/02446	BOOM MOUNTABLE ROBOTIC ARM	4/7/2017 12
2017/02492	HAIR SHAPING COMPOSITION	11/2/2015 1
2017/02513	RED IRON-OXIDE PIGMENTS WITH IMPROVED COLOUR VALUES	4/10/2017 1
2017/02514	MOTORIZED SUPRACHOROIDAL INJECTION OF THERAPEUTIC AGENT	4/10/2017 1
2017/02582	A PROCESS FOR PRODUCING AJOENE	11/18/2015
2017/02584	AN ANTIMICROBIAL COMPOSITION	12/15/2015
2017/02595	A SAFETY DEVICE FOR A FLANGED COUPLING ARRANGEMENT	4/12/2017 1
2017/02736	A CONTAINER	11/5/2015 1
2017/02769	PROCESSES FOR PREPARING (CYCLOPENTYL[D]PYRIMIDIN-4-YL)PIPERAZINE COMPOUNDS	9/25/2015 1
2017/02771	SYSTEM TO PUMP FLUID AND CONTROL THEREOF	9/17/2015 1
2017/02794	CELLULOSE-CONTAINING COMPOSITIONS AND METHODS OF MAKING SAME	9/25/2015 1
2017/02798	METHOD OF COALESCING A SUBSTANCE	11/12/2014
2017/03015	SOLID PHARMACEUTICAL COMPOSITION COMPRISING AMLODIPINE AND LOSARTAN	9/1/2015 12
2017/03247	MIXED MATERIAL CATHODE FOR SECONDARY ALKALINE BATTERIES	10/13/2015
2017/03326	EMISSIONS TREATMENT SYSTEMS WITH TWC CATALYSTS AND SCR-HCT CATALYSTS	5/15/2017 1

Application Number	Patent Title	Filing Date
2017/03330	PROCESS FOR PREPARATION OF PARENTERAL FORMULATION OF ANIDULAFUNGIN	5/15/2017 1
2017/03414	A RAILROAD SLEEPER AND PROCESS FOR MANUFACTURING A RAILROAD SLEEPER	11/11/2015
2017/03430	OPTICAL TERMINATION MODULE, OPTICAL TERMINATION ASSEMBLY WITH SAID OPTICAL TERMINATION MODULE AND ELECTRIC CABINET WITH SAID OPTICAL TERMINATION MODULE	5/18/2017 1
2017/03436	PAPER CURRENCY FOLD RECOGNITION APPARATUS AND METHOD	5/18/2017 1
2017/03442	BRAIDED SUTURE COAT	5/18/2017 1
2017/03490	HYDROPONIC CULTURE SYSTEM, AND PLANT FACTORY PROVIDED WITH HYDROPONIC CULTURE SYSTEM AND GREENHOUSE PRODUCED FROM STYRENE FOAM	5/22/2017 1
2017/03500	TEMPORARY PAPER MONEY STORAGE DEVICE AND CONTROL METHOD THEREOF	5/22/2017 1
2017/03507	COMPOSITIONS AND METHODS OF TREATMENT WITH PRODRUGS OF TIZOXANIDE, AN ANALOGUE OR SALT THEREOF	11/11/2015
2017/03521	A SHAVING APPARATUS	5/23/2017 1
2017/03704	MOUTHRINSE FORMULATIONS COMPRISING FLUORIDE AND A METAL SALT OF PYRROLIDONE CARBOXYLIC ACID	5/30/2017 1
2017/03833	ORAL CARE PRODUCTS AND METHODS OF USE AND MANUFACTURE THEREOF	6/5/2017 12
2017/03865	DIRECT INCORPORATION OF NATURAL GAS INTO HYDROCARBON LIQUID FUELS	6/6/2017 12
2017/03867	SYNTHESIS OF COPANLISIB AND ITS DIHYDROCHLORIDE SALT	6/6/2017 12
2017/03900	PIPERIDINE SUBSTITUTED TRICYCLIC PYRAZOLO[1,5-A]PYRIMIDINE DERIVATIVES WITH INHIBITORY ACTIVITY ON THE REPLICATION OF THE RESPIRATORY SYNCYTIAL VIRUS (RSV)	6/7/2017 12
2017/03902	LUBRICATING MEMBERS HAVING HYDROPHOBIC COMPONENTS FOR RAZOR CARTRIDGES	6/7/2017 12
2017/03903	LUBRICATING MEMBERS FOR RAZOR CARTRIDGES	6/7/2017 12

Application Number	Patent Title	Filing Date
2017/03908	A ROTARY CLAW DRILL BIT	6/7/2017 12
2017/04038	A FACIAL RECOGNITION SYSTEM AND METHOD	6/13/2017 1
2017/04114	ARRANGEMENT OF A SLEEPER IN A BALLAST BED BY MEANS OF AN ELASTO–PLASTIC SLEEPER PAD	6/15/2017 1
2017/04512	TREATMENT OF PEDIATRIC TYPE 2 DIABETES MELLITUS PATIENTS WITH LIXISENATIDE	7/4/2017 12
2017/04628	APPARATUS FOR PREPARING AND APPLYING A FOLIAR SPRAY	7/10/2017 1
2017/04784	SYSTEM FOR CONFINING AND COOLING MELT FROM THE CORE OF A WATER COOLED-WATER MODIFIED REACTOR	7/14/2017 1
2017/04811	A TOILET STRUCTURE	7/17/2017 1
2017/04812	TOILET UNBLOCKING APPARATUS	7/17/2017 1
2017/04816	DIMINUTION OF PARTICULATE MATERIAL	7/17/2017 1
2017/04826	MOUNTING MAT FOR AN EXHAUST GAS TREATMENT DEVICE	7/17/2017 1
2017/04859	MANUFACTURING OF COMPONENTS FOR A TOILET STRUCTURE	7/18/2017 1
2017/04860	ROOF FOR A TOILET STRUCTURE	7/18/2017 1
2017/04863	DEVICE AND METHOD FOR CONTROLLING AN ELECTRICAL HEATER TO LIMIT TEMPERATURE ACCORDING TO DESIRED TEMPERATURE PROFILE OVER TIME	7/18/2017 1
2017/04864	FACILITY FOR HYDROPONIC CULTURE	7/18/2017 1
2017/04872	METHODS FOR PREDICTING ASPHALTENE PRECIPITATION	7/18/2017 1
2017/04880	BANKNOTE CLASSIFICATION AND IDENTIFICATION METHOD AND DEVICE BASED ON LAB COLOR SPACE	7/18/2017 1
2017/04908	CONVEYING SYSTEM FOR OPEN-CAST MINING	7/19/2017 1
2017/04916	EXTENDED HEATER AND HEATING ASSEMBLY FOR AN AEROSOL GENERATING SYSTEM	7/19/2017 1
2017/04917	A PLATE-SHAPED STRUCTURE, A RESERVOIR AND A METHOD	7/19/2017 1
2017/04975	CATALYST COMPOSITION FOR CURING RESINS CONTAINING EPOXY GROUPS	7/21/2017 1
2017/04978	EPOXY RESIN COMPOSITION	7/21/2017 1
2017/04986	DETECTION OF CYCLONE WEAR OR DAMAGE USING INDIVIDUAL CYCLONE OVERFLOW MEASUREMENT	7/21/2017 1

Application Number	Patent Title	Filing Date
2017/04987	PROCESS FOR SEPARATION OF GASES WITH REDUCED MAINTENANCE COSTS	7/21/2017 1
2017/05014	SOUND TRANSMITTING DEVICE	7/24/2017 1
2017/05026	AN ANODE FOR USE IN AN ELECTROLYSIS PROCESS FOR PRODUCTION OF ALUMINIUM IN CELLS OF HALL-HEROULT TYPE, AND A METHOD FOR MAKING SAME	7/24/2017 1
2017/05040	YIELDING MINE SUPPORT	7/25/2017 1
2017/05041	NON-RETURN VALVE	7/25/2017 1
2017/05053	METHOD FOR CARRYING OUT PRECISE LASER CUTTINGS ON A RIBBON SHEET AND APPARATUS TO CARRY OUT THE METHOD	7/25/2017 1
2017/05078	CONTROL SYSTEM FOR CONTROL OF DISTRIBUTION OF MEDICATION	7/26/2017 1
2017/05082	ANODE SHIELD	7/26/2017 1
2017/05089	CASH DISTRIBUTION METHOD, CASH DISTRIBUTION APPARATUS AND FINANCIAL SELF-SERVICE DEVICE	7/26/2017 1
2017/05111	ALLOYS	7/27/2017 1
2017/05116	METHOD AND SYSTEM FOR NEIGHBOR TIER DETERMINATION	7/27/2017 1
2017/05143	METHOD FOR ANNEALING A NUCLEAR REACTOR CORE, AND A NUCLEAR REACTOR	7/28/2017 1
2017/05161	DEPOLYMERIZATION PROCESS	7/31/2017 1
2017/05163	METHOD FOR PRODUCING A MULTILAYER COATING ON A METALLIC SUBSTRATE	7/31/2017 1
2017/05185	METHOD FOR EVALUATING THE AUTHENTICITY OF A PAINTING AS WELL AS A CORRESPONDING USE	8/1/2017 12
2017/05195	THICKNESS DETECTION DEVICE FOR SHEET MEDIUM	8/1/2017 12
2017/05222	BLOCK COPOLYMERS AND THE USE THEREOF FOR IMPROVING THE COLD PROPERTIES OF FUELS OR COMBUSTIBLES	8/2/2017 12
2017/05225	FUNGICIDE ENHANCERS EFFECTIVE FOR TREATING PLANTS INFECTED WITH FUNGAL PATHOGENS	8/2/2017 12
2017/05248	AN ELECTRONIC ANIMAL TRACKING DEVICE	8/3/2017 12
2017/05249	A MODULAR BULK STORAGE CONTAINER	8/3/2017 12
2017/05254	BLOCK COPOLYMERS AND THE USE THEREOF FOR IMPROVING THE COLD PROPERTIES OF FUELS OR COMBUSTIBLES	8/3/2017 12
2017/05302	DETERMINATION OF THE THERMAL	8/4/2017 12

Application Number	Patent Title	Filing Date
	RESISTANCE OF A WALL	
2017/05304	BANKNOTE CRACK DETECTION METHOD AND APPARATUS	8/4/2017 12
2017/05321	ELECTRICAL CABLES	8/7/2017 12
2017/05331	OLIGONUCLEOTIDE THERAPY FOR LEBER CONGENITAL AMAUROSIS	8/7/2017 12
2017/05333	IMIDAZOPYRIMIDINE AND IMIDAZOTRIAZINE DERIVATIVE, AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME	8/7/2017 12
2017/05334	METHOD FOR PRODUCING A COMPLEX COMPOSITE PART, IN PARTICULAR HAVING A THERMOPLASTIC MATRIX, AND PART OBTAINED BY SUCH A METHOD	8/7/2017 12
2017/05352	VERIFICATION/AUTHENTICATION SYSTEM AND METHOD	8/7/2017 12
2017/05363	PANOBINOSTAT DOSAGES FOR MULTIPLE MYELOMA	8/8/2017 12
2017/05425	MULTI-CHANNEL DIGITAL MICROPHONE	8/10/2017 1
2017/05450	SURFACE CONTACT SELF-SEALING INTEGRATED TABLEWEAR AND DINING MAT	8/11/2017 1
2017/05551	IDENTIFICATION SYSTEM AND METHOD OF OPERATING SAME	8/16/2017 1
2017/05563	METAL PIPES WITH ANTICORROSIVE POLYOLEFIN COVERING LAYER	8/16/2017 1
2017/05579	BREASTFEEDING METH0D	8/17/2017 1
2017/05601	TRACK-MODULE APPARATUS WITH LOAD-INDEPENDENT LOAD DISTRIBUTION	8/17/2017 1
2017/05675	GHRELIN O-ACYL TRANSFERASE INHIBITORS	8/21/2017 1
2017/05678	GHRELIN O-ACYL TRANSFERASE INHIBITORS	8/21/2017 1
2017/05802	4H-PYRROLO[3,2-C]PYRIDIN-4-ONE DERIVATIVES	8/25/2017 1
2017/05805	SHAVING RAZOR CARTRIDGE	8/25/2017 1
2017/05806	SHAVING RAZOR CARTRIDGE	8/25/2017 1
2017/05843	INFILTRATED FERROUS MATERIALS	8/28/2017 1
2017/05846	DUAL SIZED RAZOR	8/28/2017 1
2017/05948	METHOD OF CREATING A SOCIAL MEDIA MESSAGE AND SYSTEM THEREFOR	9/1/2017 12
2017/05990	SYSTEM FOR, AND METHOD OF MANUFACTURING BIODIESEL	9/4/2017 12
2017/05991	HARDWARE FILTER FOR MONITORING INTERNET BROWSING	9/4/2017 12
2017/05997	METHOD OF PREVENTING OR TREATING HEARING LOSS	9/4/2017 12
2017/06004	METHODS AND SYSTEMS FOR	9/4/2017 12

Application Number	Patent Title	Filing Date
	SELECTIVELY PROVIDING INFORMATION TO A TARGETED COMMUNITY OF PEOPLE	
2017/06054	AN UNDER COUNTER WATER DISPENSER	9/6/2017 12
2017/06095	INTER-BODY SPACER	9/7/2017 12
2017/06455	A PROCESS FOR PRODUCING HYDROGEN AND GRAPHITIC CARBON FROM HYDROCARBONS	9/26/2017 1
2017/06528	AN ADAPTIVE METHODOLOGY FRAMEWORK SYSTEM AND METHOD THEREOF	9/28/2017 1
2017/06632	METHOD OF TREATING A FABRIC	10/3/2017 1
2017/06649	STRIPPING OF A DIP-MOULDED GLOVE FROM A FORMER	10/3/2017 1
2017/06654	HIGH VOLTAGE X-RAY POWER SUPPLY SYSTEM WITH DUAL ENERGY STORAGE SYSTEM	10/3/2017 1
2017/06665	METHOD OF TREATING A FABRIC	10/4/2017 1
2017/06674	NOVEL DIHYDROPYRIDOISOQUINOLINONES AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS	10/4/2017 1
2017/06708	MOLTEN SALT ONCE-THROUGH STEAM GENERATOR	10/5/2017 1
2017/06779	PROCESSING TIME EXTENSION FOR HIGH BANDWIDTH WIRELESS COMMUNICATIONS	10/6/2017 1
2017/06785	ORAL CARE COMPOSITIONS	10/9/2017 1
2017/06788	A FROZEN AERATED CONFECTIONERY PRODUCT AND A METHOD FOR PREPARING SUCH A PRODUCT	10/9/2017 1
2017/06804	RINGLESS METAL CANS AND METHOD	10/9/2017 1
2017/06855	COMPRESSOR INSTALLATION WITH DRYING DEVICE FOR COMPRESSED GAS AND METHOD FOR DRYING COMPRESSED GAS	10/10/2017
2017/07222	METHOD FOR CONTROLLING A TREATMENT APPARATUS ARRANGEMENT, A TREATMENT APPARATUS ARRANGEMENT FOR A TREATMENT PLANT AS WELL AS A TREATMENT PLANT	3/21/2016 1
2017/07396	METHOD FOR PRODUCING A STAINLESS STEEL SHEET WITH MODIFIED VISUAL CHARACTERISTICS	5/18/2016 1
2017/07424	NOVEL 5-SUBSTITUTED IMIDAZOLE DERIVATIVES	11/1/2017 1

Application Number	Patent Title	Filing Date
2017/07815	MOBILE PALLET SCALE	11/17/2017
2017/07883	TWO-COMPONENT PAINT SYSTEM	11/21/2017
2017/07906	ANGIOGENESIS USING STIMULATED PLACENTAL STEM CELLS	11/21/2017
2017/08123	COMPOSITION FOR THE CONTROL OF GRAPEVINE ESCA DISEASE, BLACK DEAD ARM DISEASE, AND/OR EUTYPA DIEBACK DISEASE	5/18/2016 1
2017/08191	4-HYDROXY-3-(HETEROARYL)PYRIDINE-2-ONE APJ AGONISTS FOR USE IN THE TREATMENT OF CARDIOVASCULAR DISORDERS	12/1/2017 1
2017/08230	EPIGENETIC CHROMOSOME INTERACTIONS	12/4/2017 1
2017/08254	BIOMARKERS FOR DETECTION OF TUBERCULOSIS RISK	12/5/2017 1
2017/08375	METHOD OF AND SYSTEM FOR FACILITATING THE EXCHANGE OF INFORMATION AND/OR DOCUMENTATION BETWEEN INDIVIDUALS AND ORGANISATIONS	12/11/2017
2017/08382	METHOD FOR TREATING COPPER CONCENTRATES	12/11/2017
2017/08461	LUBRICATING MEMBER FOR RAZOR CARTRIDGES	12/13/2017
2017/08502	CONTAINER FOR STORING A LIQUID AND USE THEREOF	12/14/2017
2017/08565	DISPENSER ASSEMBLY AND RELATED METHODS	12/15/2017
2017/08715	WATER PURIFICATION DEVICE	5/23/2016 1
2018/00032	TRACK CONSTRUCTION MACHINE	7/19/2016 1
2018/00038	CRYSTALLINE LIGAND 6,6'-[[3,3',5,5'-TETRAKIS(1,1 -DIMETHYLETHYL)-[1,1 '-BIPHENYL]-2,2'-DIYL]BIS(OXY)]BISDIBENZO[D,F][1,3,2]-DIOXAPHOSPHEPIN	6/15/2016 1
2018/00066	METHOD FOR PRODUCING A FOOD PRODUCT BASED ON VINEGAR CREAM AND CHEESE CREAM AND A PRODUCT OBTAINED USING SUCH METHOD	7/29/2016 1
2018/00067	DROSPIRENONE-BASED CONTRACEPTIVE FOR A FEMALE PATIENT AFFECTED WITH EXCESS WEIGHT	6/23/2016 1
2018/00068	ORTHOPEDIC IMPLANT	7/1/2016 12
2018/00069	CHAIN TENSION REGULATING DEVICE USED FOR TAIL OF SCRAPER AND USE THEREOF	7/13/2016 1
2018/00071	AGRICULTURAL DATA ANALYSIS	6/3/2016 12

Application Number	Patent Title	Filing Date
2018/00083	COMBINATION COMPOSITIONS FOR TREATING DISORDERS REQUIRING REMOVAL OR DESTRUCTION OF UNWANTED CELLULAR PROLIFERATIONS	1/5/2018 12
2018/00093	METHODS AND APPARATUS FOR EXTENDED RECEIVER PROCESSING TIME	1/5/2018 12
2018/00102	METHOD FOR REPAIRING A REFRACTORY LINING OF A METALLURGICAL VESSEL IN THE HOT STATE	5/13/2016 1
2018/00125	POSITIVE ALLOSTERIC MODULATORS OF MUSCARINIC M2 RECEPTOR	1/8/2018 12
2018/00127	PERFUME COMPOSITIONS	1/8/2018 12
2018/00136	ELECTRODIC APPARATUS FOR THE ELECTRODEPOSITION OF NON-FERROUS METALS	7/22/2016 1
2018/00145	WATER-SOLUBLE UNIT DOSE ARTICLE	1/9/2018 12
2018/00178	COMPOSITION FOR IMMEDIATELY ENDING RADICAL POLYMERIZATION	1/10/2018 1
2018/00184	EXTENDED RELEASE CAPECITABINE CAPSULES	6/13/2016 1
2018/00190	METHODS OF MANUFACTURING SECURITY DOCUMENTS AND SECURITY DEVICES	7/11/2016 1
2018/00239	USE OF POLYMERIC ADDITIVES FOR PARAFFIN-CONTAINING FLUIDS	1/12/2018 1
2018/00243	APPLICATOR, IN PARTICULAR ROTARY ATOMIZER	7/1/2016 12
2018/00244	NEEDLE VALVE	4/29/2016 1
2018/00246	MOTOR-DRIVEN AIMING DEVICE AND METHOD	7/1/2016 12
2018/00260	BEVERAGE PRODUCTION SYSTEM USING CAPSULES	1/15/2018 1
2018/00278	SEAL RING FOR FOIL-SEALING A CONTAINER	5/2/2014 12
2018/00284	METHOD FOR ASSESSING CELL SURFACE RECEPTORS OF BLOOD CELLS	1/16/2018 1
2018/00285	LIPOSOMAL ADJUVANT COMPOSITIONS	1/16/2018 1
2018/00292	SOLVENT EXCHANGE COMPOSITIONS	6/16/2016 1
2018/00293	SEED SAMPLING SYSTEM AND METHOD	7/29/2016 1
2018/00304	FORMWORK PANEL FOR CONCRETING FORMWORKS	1/16/2018 1
2018/00305	FORMWORK PANEL FOR CONCRETING FORMWORKS	1/16/2018 1
2018/00337	A METHOD FOR MANUFACTURING A	7/11/2016 1

Application Number	Patent Title	Filing Date
	POLYESTER BASED POLYMER ARTICLE	
2018/00350	DUOCARMYCIN ADCS SHOWING IMPROVED IN VIVO ANTITUMOR ACTIVITY	1/9/2015 12
2018/00351	OZONIZING MASSAGING DEVICE	1/18/2018 1
2018/00386	CONTROLLER FOR OPTICALLY-SWITCHABLE WINDOWS	4/2/2013 12
2018/00388	BICYCLIC-FUSED HETEROARYL OR ARYL COMPOUNDS AS IRAK4 MODULATORS	1/19/2018 1
2018/00398	POLYSACCHARIDE VACCINE FORMULATIONS AND PROCESSES FOR INDUSTRIAL PRODUCTION OF BACTERIAL POLYSACCHARIDES	1/19/2018 1
2018/00408	BOLT WITH RESTRAINED UNSCREWING	1/19/2018 1
2018/00415	FILTER PANEL WITH STRUCTURES SUPPORT GRID AND DRUM FILTER WITH SAID FILTER PANEL	6/21/2016 1
2018/00417	IMPROVED LACTAM SOLUBILITY	8/10/2016 1
2018/00433	TRANSACTION SYSTEMS AND ASSOCIATED METHODS FOR ENCHANCED ACCOUNT BALANCE AND STATUS MANAGEMENT	9/26/2014 1
2018/00438	LIGHT THERAPY SPOT APPLICATOR	1/22/2018 1
2018/00439	LIGHT THERAPY PLATFORM UNIVERSAL POWER SOURCE AND CONTROLLER	1/22/2018 1
2018/00440	PRESERVATIVE SYSTEM BASED ON ORGANIC ACIDS	1/22/2018 1
2018/00441	TOOTH WHITENING ORAL CARE COMPOSITION	1/22/2018 1
2018/00446	HAIR GROWTH LIGHT THERAPY DEVICE	1/22/2018 1
2018/00449	TARGETED CONJUGATES OF KSP INHIBITORS	1/22/2018 1
2018/00452	CGRP RECEPTOR ANTAGONISTS	1/22/2018 1
2018/00463	MACHINE-TO-MACHINE (M2M) TERMINAL, BASE STATION, METHOD, AND COMPUTER READABLE MEDIUM	9/4/2014 12
2018/00464	MACHINE-TO-MACHINE (M2M) TERMINAL, BASE STATION, METHOD, AND COMPUTER READABLE MEDIUM	9/4/2014 12
2018/00465	RADIO COMMUNICATION SYSTEM, RADIO STATION, RADIO TERMINAL, NETWORK APPARATUS, BEARER CONTROL METHOD, AND COMPUTER READABLE MEDIUM	6/19/2013 1
2018/00468	COMBINATIONS OF AN OX40 ANTIBODY AND A TLR4 MODULATOR AND USES THEREOF	1/23/2018 1

Application Number	Patent Title	Filing Date
2018/00483	DOPAMINE D3 RECEPTOR ANTAGONISTS HAVING A BICYCLO MOIETY	1/23/2018 1
2018/00488	CLEANSING COMPOSITION WITH IMPROVED AVAILABILITY OF BENEFIT AGENT	7/4/2016 12
2018/00489	SAVOURY CONCENTRATE COMPRISING INORGANIC SALT, FAT AND POLYSACCHARIDE GUMS	6/30/2016 1
2018/00490	SAVOURY CONCENTRATE COMPRISING INORGANIC SALT, FAT AND GELLAN GUM	6/30/2016 1
2018/00491	PHOTOCATALYTIC COMPOSITION BASED ON AN AERIAL BINDER AND USE THEREOF FOR THE PRODUCTION OF WATER-BASED PAINTS, IN PARTICULAR FOR INTERIOR APPLICATIONS	6/24/2015 1
2018/00502	PREPRINTING METHOD AND SYSTEM OF SECURED INFORMATION FOR GAMING SYSTEM	6/25/2015 1
2018/00504	THICKENING AGENT FOR AQUEOUS SYSTEMS, FORMULATIONS CONTAINING SAME AND USES THEREOF	8/3/2016 12
2018/00505	DEVICE FOR SPLICING REINFORCEMENT CAGES	6/24/2016 1
2018/00506	NOVEL COMPOUNDS AS ROR GAMMA MODULATORS	8/2/2016 12
2018/00507	SAVOURY CONCENTRATE COMPRISING INORGANIC SALT, FAT AND CARBOXYMETHYL CELLULOSE	6/30/2016 1
2018/00511	RAPID-ACTING INSULIN COMPOSITIONS	1/24/2018 1
2018/00516	CONTAINER	1/24/2018 1
2018/00536	IL-8-BINDING ANTIBODIES AND USES THEREOF	1/25/2018 1
2018/00540	METHOD AND SYSTEM OF JEWELRY QUALITY IDENTIFICATION BASED ON MULTI-SPECTRUM ANALYSIS	10/15/2015
2018/00543	CLEANING AGENT CONTAINER	8/18/2016 1
2018/00544	METHOD FOR GENERATING A COFFEE BEVERAGE IN A BREWING DEVICE OF AN AUTOMATIC COFFEE MACHINE AND AUTOMATIC COFFEE MACHINE FOR IMPLEMENTING THE METHOD	9/23/2016 1
2018/00550	A MASSAGE APPARATUS AND SYSTEM	1/26/2018 1
2018/00556	GEOGRAPHICAL LOCATION VISUAL INFORMATION OVERLAY	1/26/2018 1
2018/00557	APPARATUS AND METHOD FOR	1/26/2018 1

Application Number	Patent Title	Filing Date
	REUSING EXISTING CONSTELLATION FOR SUPERPOSED TRANSMISSION	
2018/00565	ANHYDROUS TOOTH WHITENING COMPOSITIONS COMPRISING CETYLPYRIDINIUM CHLORIDE	1/26/2018 1
2018/00571	TRANSTHYRETIN (TTR) IRNA COMPOSITIONS AND METHODS OF USE THEREOF FOR TREATING OR PREVENTING TTR-ASSOCIATED DISEASES	7/28/2016 1
2018/00584	CREAMERS WITH IMPROVED TEXTURE/MOUTHFEEL AND METHOD OF MAKING THEREOF	1/29/2018 1
2018/00589	A MEDICAL INJECTION DEVICE WITH A CLEANING CHAMBER	1/29/2018 1
2018/00601	NOVEL BREATHING CONTROL MODULATING COMPOUNDS, AND METHODS OF MAKING AND USING SAME	6/23/2016 1
2018/00603	ELECTROMAGNETIC FLOW SENSOR	7/28/2016 1
2018/00604	HARD SURFACE TREATMENT COMPOSITION	6/29/2016 1
2018/00606	SILICA-MODIFIED CATALYST SUPPORTS	7/12/2016 1
2018/00607	SAVOURY CONCENTRATE COMPRISING INORGANIC SALT, FAT AND HETEROPOLYSACCHARIDE GUM	6/30/2016 1
2018/00610	LOW TOTAL FATTY MATTER (TFM) ANTIMICROBIAL CLEANSING BAR	7/4/2016 12
2018/00621	POWER CONFIGURATION METHOD, USER EQUIPMENT AND BASE STATION	1/30/2018 1
2018/00626	BIT ERROR DETECTOR FOR AN AUDIO SIGNAL DECODER	1/30/2018 1
2018/00636	LOWER FATTY CARBOXYLIC ACID ALKYL ESTER PRODUCTION METHOD	12/8/2015 1
2018/00637	METHYL ACETATE PREPARATION METHOD	12/8/2015 1
2018/00639	IMPROVED LACTAM SOLUBILITY	8/4/2016 12
2018/00642	LACTAM COMPOSITIONS	8/3/2016 12
2018/00643	CLOSURE SYSTEM	6/30/2016 1
2018/00657	IMIDAZOPYRIDINE MACROCYCLES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION	1/31/2018 1
2018/00665	METHOD AND APPARATUS FOR STAIN TREATMENT	8/19/2016 1
2018/00667	PROCESS FOR THE CO-PRODUCTION OF DIALKYL MALEATE AND DIALKYL SUCCINATE	10/3/2016 1
2018/00709	PROCESSABLE POLYMERS AND METHODS OF MAKING AND USING	7/16/2016 1

Application Number	Patent Title	Filing Date
	THEREOF	
2018/00720	PYRIDIN-3-YL ACETIC ACID DERIVATIVES AS INHIBITORS OF HUMAN IMMUNODEFICIENCY VIRUS REPLICATION	2/2/2018 12
2018/00722	ANTIBACTERIAL AGENTS COMPRISING A PYRAZINO[2,3-B][1,4]OXAZIN-3-ONE OR A RELATED RING SYSTEM	2/2/2018 12
2018/00733	COMPOUNDS	2/5/2018 12
2018/00736	NITROGENOUS HETEROCYCLES AS A PESTICIDE	2/5/2018 12
2018/00737	SUPERVISED PROPORTIONAL METERING DEVICE AND METHODS FOR MONITORING A METERING PUMP	2/5/2018 12
2018/00748	WATER DISPERSIBLE ASSAYS	8/5/2016 12
2018/00751	METHODS FOR FACILITATING INDIVIDUALIZED KINEMATICALLY ALIGNED TOTAL KNEE REPLACEMENTS AND DEVICES THEREOF	8/8/2016 12
2018/00752	IMPROVED PROSTHESIS FOR OSTEOSYNTHESIS	7/6/2015 12
2018/00753	COMPUTER-BASED REPRESENTATION OF PRECIPITATION	4/26/2016 1
2018/00756	METHOD FOR THE PREPARATION OF A STABILIZED ORGANOPHOSPHOROUS COMPOUND SOLUTION	7/5/2016 12
2018/00768	METHOD OF PREPARING A FERTILIZER AND A PLANT GROWTH PROMOTING BACTERIA COMPOSITION FOR ADDING TO A BASE FERTILIZER	7/5/2016 12
2018/00772	DISTRIBUTION OF SYSTEM ACCESS INFORMATION IN WIRELESS COMMUNICATION SYSTEM	8/14/2015 1
2018/00781	PD-1 ANTIBODIES	2/6/2018 12
2018/00799	OBJECT IDENTIFICATION SYSTEM AND METHOD	8/26/2016 1
2018/00801	LIQUID DETERGENCY COMPOSITION COMPRISING LIPASE AND PROTEASE	8/25/2016 1
2018/00802	LIQUID DETERGENCY COMPOSITION COMPRISING PROTEASE AND NON-PROTEASE ENZYME	8/25/2016 1
2018/00805	BIOPSY FORCEPS TOOL	9/30/2016 1
2018/00832	METABOLICALLY ROBUST ANALOGS OF CYP-EICOSANOIDS FOR THE TREATMENT OF CARDIAC DISEASE	7/22/2016 1
2018/00834	IMPROVED WASH COMPOSITIONS	8/25/2016 1

Application Number	Patent Title	Filing Date
2018/00839	IMPROVED LACTAM SOLUBILITY	7/28/2016 1
2018/00840	IMPROVED LACTAM SOLUBILITY	7/28/2016 1
2018/00841	DISPERSED LACTAMS	7/25/2016 1
2018/00842	ENCAPSULATED LACTAMS	7/25/2016 1
2018/00843	DETERGENT COMPOSITIONS WITH LIPASE AND BIOSURFACTANT	8/25/2016 1
2018/00854	NOVEL BICYCLIC BROMODOMAIN INHIBITORS	6/20/2014 1
2018/00861	METHODS AND KITS FOR THE DETECTION OF POWDERY MILDEW	2/9/2018 12
2018/00862	DATA TRANSMISSION METHOD, ACCESS POINT AND STATION	2/9/2018 12
2018/00873	MBMS BEARER HANDLING IN A GROUP COMMUNICATIONS SYSTEM	4/4/2016 12
2018/00877	PROCESS FOR THE PREPARATION OF LACTAMS FROM GLYOXYLIC ACID	8/1/2016 12
2018/00881	COMBINATION DEVICE FOR LOCKOUT AND PARTIAL STROKE TEST OF VALVE ACTUATORS	8/1/2016 12
2018/00882	A SHAPED SAVOURY CONCENTRATE ARTICLE	8/18/2016 1
2018/00938	MONOCLONAL ANTIBODIES SPECIFICALLY FOR PHOSPHOPROTEIN OF THE HUMAN RESPIRATORY SYNCYTIAL VIRUS AND THE METHODS OF USE	7/25/2016 1
2018/00940	USE OF IL-3, IL-33, AND IL-12P40 FOR CHARACTERIZATION OF THE RESPIRATORY INFECTIONS BY SYNCYTIAL RESPIRATORY VIRUS	7/25/2016 1
2018/00958	ORAL CARE COMPOSITIONS	2/13/2018 1
2018/00964	ORAL CARE COMPOSITIONS AND METHODS OF USE	2/13/2018 1
2018/00965	ORAL CARE COMPOSITIONS AND METHODS OF USE	2/13/2018 1
2018/00966	ORAL CARE COMPOSITIONS	2/13/2018 1
2018/00968	HYBRID STRANDED CONDUCTOR	7/21/2016 1
2018/00973	A NETWORK NODE, A WIRELESS DEVICE AND METHODS THEREIN FOR PERFORMING AND HANDLING SUPERPOSED TRANSMISSIONS IN A WIRELESS COMMUNICATIONS NETWORK	8/18/2016 1
2018/00978	BAFFLE STRUCTURE FOR CHANNEL	2/13/2018 1
2018/00994	SCREENING METHOD AND APPARATUS FOR DRUG EFFLUX DISPLACEMENT	2/14/2018 1
2018/00995	SCREENING METHOD AND APPARATUS FOR DRUG EFFLUX DISPLACEMENT	2/14/2018 1
2018/01011	ORAL CARE COMPOSITIONS AND METHODS OF USE	2/14/2018 1

Application Number	Patent Title	Filing Date
2018/01014	VAPING HEAT MAP SYSTEM AND METHOD FOR ELECTRONIC VAPOUR PROVISION SYSTEMS	2/14/2018 1
2018/01015	ORAL CARE COMPOSITIONS AND METHODS OF USING THE COMPOSITIONS	2/14/2018 1
2018/01016	NOVEL IMMUNOGLOBULIN-BINDING PROTEINS AND THEIR USE IN AFFINITY PURIFICATION	7/14/2016 1
2018/01020	LAUNDRY PRODUCT DOSING DEVICE	9/1/2016 12
2018/01023	A GRIP FOR A GOLF CLUB	2/14/2018 1
2018/01025	TRANSACTION AUTHENTICATION	2/14/2018 1
2018/01037	ORAL CARE COMPOSITIONS AND METHODS OF USING THE COMPOSITIONS	2/15/2018 1
2018/01045	EXHAUST GAS PURIFICATION DEVICE	3/13/2017 1
2018/01053	METHOD AND APPARATUS FOR TRANSFORMING ORGANIC AND INORGANIC SOLID URBAN WASTE INTO AGGREGATES	7/17/2015 1
2018/01096	SUBSTRATE WASHING DEVICE AND PROCESS	9/19/2016 1
2018/01097	PERSONAL CLEANSING COMPOSITION	8/16/2016 1
2018/01103	NON-HUMAN ANIMALS HAVING A HUMANIZED SIGNAL-REGULATORY PROTEIN GENE	2/16/2018 1
2018/01120	OXAZOLIDINONE COMPOUNDS AND METHODS OF USE THEREOF AS ANTIBACTERIAL AGENTS	2/19/2018 1
2018/01125	PROCESS FOR THE MODIFICATION OF ALKANES, FATTY ACIDS AND FATTY ALCOHOLS	2/19/2018 1
2018/01128	A HOLLOW PIPE-SANDWICHING METAL PLATE AND APPLICATIONS THERE OF	9/26/2017 1
2018/01131	ENCLOSED SOLAR ENERGY UTILIZATION DEVICE AND SYSTEM	7/29/2015 1
2018/01132	CHARGING SYSTEM, CHARGING METHOD, AND POWER ADAPTER FOR TERMINAL	2/19/2018 1
2018/01133	METHOD FOR FABRICATION OF FULLY CERAMIC MICROENCAPSULATED NUCLEAR FUEL	7/25/2016 1
2018/01134	HYDROXYTRIAZINE COMPOUND AND MEDICAL USE THEREOF	8/16/2016 1
2018/01135	LIFT SYSTEM	9/29/2016 1
2018/01136	CARD CONTINUITY SYSTEM AND METHOD	8/17/2016 1
2018/01137	HAND HELD DEVICES FOR MAGNETIC INDUCTION TOMOGRAPHY	7/20/2016 1

Application Number	Patent Title	Filing Date
2018/01138	RETENTION LOBE FOR GROUND ENGAGING TIP	7/27/2016 1
2018/01139	A POWERED AIR RESPIRATOR KIT	2/19/2018 1
2018/01152	DEVICE TO DEVICE SYNCHRONIZATION SOURCE SELECTION	2/20/2018 1
2018/01168	AUTOMATED MOUNTING DEVICE FOR PERFORMING ASSEMBLY JOBS IN AN ELEVATOR SHAFT OF AN ELEVATOR SYSTEM	6/30/2016 1
2018/01169	AUTOMATED MOUNTING DEVICE FOR PERFORMING ASSEMBLY JOBS IN AN ELEVATOR SHAFT OF AN ELEVATOR SYSTEM	6/30/2016 1
2018/01170	ESPRESSO MILK FROTHER PROBE	7/18/2016 1
2018/01243	DUAL CONFIGURATION BOTTLE ASSEMBLY	2/23/2018 1
2018/01245	COATED GRANULAR FERTILIZERS, METHODS OF MANUFACTURE THEREOF, AND USES	4/27/2015 1
2018/01251	CRUSHER FRAME	2/23/2018 1
2018/01261	ERGONOMIC MENSTRUAL CUP	7/19/2016 1
2018/01262	A DYNAMIC ARTIFICIAL WAVE FACILITY FOR THE PRACTICE OF SURFING	7/27/2016 1
2018/01264	LUBRICATED CARTRIDGE FOR HYDRAULIC MINING SHOVEL TRACK	8/2/2016 12
2018/01270	PROCESS AND APPARATUS FOR SEPARATING PARTICLES OF A CERTAIN ORDER OF MAGNITUDE FROM A SUSPENSION	9/15/2016 1
2018/01271	MOLECULAR SIEVE SSZ-91, METHODS FOR PREPARING SSZ-91, AND USES FOR SSZ-91	8/11/2016 1
2018/01294	WATER TREATMENT SYSTEM	2/26/2018 1
2018/01302	NOVEL MICROORGANISMS AND THEIR USE IN AGRICULTURE	7/27/2016 1
2018/01303	ANTIPERSPIRANT COMPOSITIONS	10/4/2016 1
2018/01304	MOBILITY PROCEDURES BETWEEN BEAMS FROM DIFFERENT RADIO NETWORK NODES	9/2/2015 12
2018/01305	NON-AQUEOUS PATCH COMPRISING LIDOCAINE	8/24/2016 1
2018/01306	NON-STEROIDAL GLUCOCORTICOID RECEPTOR MODULATORS FOR LOCAL DRUG DELIVERY	9/13/2016 1
2018/01308	CHANNEL ACCESS CONFIGURATION	8/12/2016 1
2018/01309	FIRST COMMUNICATION DEVICE AND METHODS THEREIN, FOR SENDING ONE OR MORE CONTROL SIGNALS TO A SECOND COMMUNICATION DEVICE	6/22/2016 1

Application Number	Patent Title	Filing Date
2018/01311	APPARATUS AND METHOD FOR MAKING TEA LATTE	7/27/2016 1
2018/01312	NOVEL AMINOGLYCOSIDE ANTIBIOTIC EFFECTIVE AGAINST MULTIDRUG-RESISTANT BACTERIA	7/29/2016 1
2018/01344	PROCESS FOR FLUORINATING COMPOUNDS	8/4/2016 12
2018/01345	DEFERASIROX-CONTAINING POWDER AND METHOD FOR PREPARING SAME	7/25/2016 1
2018/01348	ARTICLE OF CLOTHING, IN PARTICULAR PROTECTIVE VEST, AND ZIPPER ASSEMBLY	3/17/2017 1
2018/01349	METHODS AND SYSTEMS FOR AUTHENTICATION USING ZERO-KNOWLEDGE CODE	8/16/2016 1
2018/01350	ZIC1 AND GHSR, MOLECULAR DIAGNOSTIC MARKERS FOR HPV-INDUCED INVASIVE CANCERS, NONHPV-INDUCED GYNAECOLOGICAL AND ANOGENITAL CANCERS AND THEIR HIGH-GRADE PRECURSOR LESIONS	8/25/2016 1
2018/01351	WIDE BAND ARRAY ANTENNA	7/28/2016 1
2018/01352	SPEED DEPENDENT TRANSMISSION FORMAT FOR VEHICULAR TRANSMISSION	9/21/2016 1
2018/01354	EVAPORATION SOURCE	8/17/2016 1
2018/01355	LARGE 3D POROUS SCAFFOLDS MADE OF ACTIVE HYDROXYAPATITE OBTAINED BY BIOMORPHIC TRANSFORMATION OF NATURAL STRUCTURES AND PROCESS FOR OBTAINING THEM	8/3/2016 12
2018/01356	FIRELIGHTER	8/8/2016 12
2018/01360	FOOD CONCENTRATE	9/15/2016 1
2018/01387	COMMUNICATION METHOD, DEVICE, AND SYSTEM	2/28/2018 1
2018/01397	COMMUNICATION DEVICE AND COMMUNICATION METHOD	2/28/2018 1
2018/01400	MAINTENANCE METHOD AND SYSTEM FOR SOLAR RECEIVER	2/28/2018 1
2018/01413	CATIONIC NEUROTOXINS	3/1/2018 12
2018/01415	A CONTROL SYSTEM	3/1/2018 12
2018/01421	MENISCAL REPAIR ADHESIVE	8/31/2016 1
2018/01423	UNDERCARRIAGE ASSEMBLY AND TRACK LINKS FOR ASSEMBLY	8/12/2016 1
2018/01426	METHODS PROVIDING UL GRANTS INCLUDING TIME DOMAIN CONFIGURATION AND RELATED WIRELESS TERMINALS AND NETWORK NODES	9/8/2016 12

Application Number	Patent Title	Filing Date
2018/01428	METHOD OF PREPARING A TUFTING PROCESS	9/15/2016 1
2018/01429	SHEET-FED STAMPING PRESS HAVING A FOIL LAMINATING UNIT	11/3/2016 1
2018/01460	AN ELECTRIC GENERATOR HAVING A CENTRAL MAGNETIC SHAFT	3/2/2018 12
2018/01472	METHOD FOR STIMULATING THE RESISTANCE OF PLANTS TO BIOTIC STRESS BY UV RADIATION EXPOSURE	3/2/2018 12
2018/01478	BRAKE SHOE	7/26/2016 1
2018/01479	THERMOPLASTIC CAST	8/3/2016 12
2018/01481	POWDER LAUNDRY DETERGENT COMPOSITION	9/26/2016 1
2018/01514	LIPOSOMES CONTAINING CELL PENETRATING PEPTIDES AND TETRAETHERLIPIDS FOR THE ORAL DELIVERY OF MACROMOLECULES	3/5/2018 12
2018/01516	CONTROL DEVICE FOR A PRESSURE VESSEL	3/5/2018 12
2018/01550	APPARATUS AND METHOD FOR INJECTING A FLUID FORMULATION INTO A MELTED POLYMERIC MATERIAL	9/9/2016 12
2018/01551	METHODS AND APPARATUSES FOR PERFORMING UPLINK SCHEDULING AND UL TRANSMISSION	2/2/2016 12
2018/01552	AN ACCOMMODATION BOOKING SYSTEM AND METHOD	8/8/2016 12
2018/01582	SECURITY DEVICE	9/27/2016 1
2018/01586	HEATER CONTROL FOR AN AIR DRYER	3/7/2018 12
2018/01608	METHODS AND SYSTEMS FOR CSI-RS PORT SELECTION FOR CSI-REPORTING	3/23/2016 1
2018/01611	INTERACTIVE SITTING CUSHION	2/28/2018 1
2018/01649	COMPOSITION FOR MINIMUM QUANTITY LUBRICATION, AND USE OF SAME	8/15/2016 1
2018/01653	VIDEO MANAGEMENT DEFINED EMBEDDED VOICE COMMUNICATION GROUPS	10/5/2016 1
2018/01684	BRAKE CYLINDER PRESSURE MAINTENANCE VALVE FOR FREIGHT CAR BRAKE EQUIPMENT AND FREIGHT CAR BRAKE SYSTEM COMPRISING SUCH A VALVE	9/12/2016 1
2018/01686	HEALING CAP WITH SCANNABLE FEATURES	11/18/2016
2018/01736	PROGESTERONE RECEPTOR ANTAGONIST DOSAGE FORM	3/14/2018 1
2018/01738	METHOD FOR AND APPARATUS FOR	10/20/2014

Application Number	Patent Title	Filing Date
	DECODING AN AMBISONICS AUDIO SOUNDFIELD REPRESENTATION FOR AUDIO PLAYBACK USING 2D SETUPS	
2018/01748	AQUEOUS HARD SURFACE CLEANING COMPOSITION	8/31/2016 1
2018/01760	CODING AND DECODING OF SPECTRAL PEAK POSITIONS	10/10/2014
2018/01775	SOAP BAR HAVING SEPARATE CONCENTRATED REGIONS OF SPECIFICALLY SELECTED COMPONENTS	10/12/2016
2018/01778	PROCESS FOR MAKING SOAP BAR HAVING SEPARATE REGIONS OF SPECIFICALLY SELECTED COMPONENTS	10/12/2016
2018/01817	DEVICE FOR PRODUCING SPUNBONDS FROM ENDLESS FILAMENTS	3/19/2018 1
2018/01831	INTERLAYER FILM FOR LAMINATED GLASS, AND LAMINATED GLASS	9/9/2016 12
2018/01832	METHOD FOR PREPARING ACETIC ACID BY CARBONYLATION OF METHANOL	12/8/2015 1
2018/01833	METHOD FOR DIRECTLY PREPARING GLYCOL DIMETHYL ETHER AND CO-PRODUCING ETHYLENE GLYCOL FROM ETHYLENE GLYCOL MONOMETHYL ETHER	12/11/2015
2018/01834	METHOD FOR PREPARING ETHYLENE GLYCOL BY HYDROLYSING ETHYLENE GLYCOL MONOMETHYL ETHER	12/8/2015 1
2018/01835	CONVEYOR ROLL ASSEMBLY, TORQUE TRANSMISSION AND SUPPORT MEANS AND PROCESS FOR MAKING A CONVEYOR ROLL ASSEMBLY USED IN A HIGH TEMPERATURE ENVIRONMENT	9/15/2016 1
2018/01838	METHOD FOR MONITORING CHEMICAL PARAMETERS FROM AN OPERATING MINERAL OR WATER PROCESSING PLANT; SYSTEM THEREFOR; PROCESSING PLANT COMPRISING SUCH SYSTEM	11/17/2016
2018/01840	AN ELECTRICAL CONNECTION SYSTEM FOR USE IN HIGH POWER APPLICATIONS	9/10/2015 1
2018/01850	DEVICES AND SYSTEMS TO MITIGATE TRAUMATIC BRAIN AND OTHER INJURIES CAUSED BY CONCUSSIVE OR BLAST FORCES	6/25/2015 1
2018/01886	ENDOSSEOUS SCREW ASSEMBLY AND INTERNAL FIXATION SYSTEM	9/19/2016 1

Application Number	Patent Title	Filing Date
	COMPRISING SAID ENDOSSEOUS SCREW ASSEMBLY	
2018/01916	METHOD AND DEVICE FOR DISMOUNTING ROLLERS OF A ROLLER PRESS	8/30/2016 1
2018/01917	PROCESS FOR THE EXTRACTION OF SILICA	8/18/2016 1
2018/01918	VISUAL STRESS ASSESSMENT DEVICE	10/21/2016
2018/01921	SERIES OF ELECTROLYSIS CELLS FOR THE PRODUCTION OF ALUMINIUM COMPRISING MEANS FOR BALANCING THE MAGNETIC FIELDS AT THE END OF THE LINE	10/3/2016 1
2018/01922	STRUCTURES AND METHODS FOR THERMAL MANAGEMENT IN PRINTED CIRCUIT BOARD STATORS	9/30/2016 1
2018/01941	DECODING AUDIO BITSTREAMS WITH ENHANCED SPECTRAL BAND REPLICATION METADATA IN AT LEAST ONE FILL ELEMENT	3/10/2016 1
2018/01954	SUBSTRATE WASHING DEVICE	4/14/2016 1
2018/01960	AN APPLICATOR DEVICE FOR FLUIDS	10/14/2016
2018/01984	METHOD OF PRODUCTION OF COMPONENT FROM METAL FOAM, COMPONENT PRODUCED BY SAID METHOD AND MOULD FOR THE REALIZATION OF SAID METHOD	3/26/2018 1
2018/01999	DETERMINATION OF QP VALUES	7/7/2016 12
2018/02004	AEROSOL ANTIPERSPIRANT PRODUCT	11/1/2016 1
2018/02005	COMPOSITION COMPRISING NIACINAMIDE AND PICOLINAMIDE	10/4/2016 1
2018/02026	A FOODSTUFF ITEM CHARACTERISTIC MRI DETECTION SYSTEM	3/27/2018 1
2018/02034	METHOD AND SYSTEM FOR ASSIGNING TASKS TO MINING AND/OR CONSTRUCTION MACHINES	9/29/2016 1
2018/02036	SOLAR TRACKING ELECTRIC VEHICLE	8/19/2016 1
2018/02037	SIZER TOOTH	9/30/2016 1
2018/02040	HYDROGEL COMPOSITE DEPOT FORMULATION	10/21/2016
2018/02041	METHOD AND SYSTEM FOR ASSIGNING TASKS TO DRILL RIGS	9/29/2016 1
2018/02042	SYSTEMS AND METHODS FOR BLOOD SAMPLE PRESERVATION AND HEMATOCRIT SEPARATION	8/31/2016 1
2018/02043	SYSTEMS AND METHODS FOR CONTROLLING EXCESSIVE FLUID FLOW IN A CASSETTE DESIGNED TO	9/2/2016 12

Application Number	Patent Title	Filing Date
	RECEIVE A FLUID SAMPLE	
2018/02044	PRINTED TAGS FOR HEATED FOOD ITEMS	10/6/2015 1
2018/02063	PERSONAL CLEANSING COMPOSITIONS AND METHODS OF STABILIZING THE MICROBIOME	3/28/2018 1
2018/02081	MEASURING MULTIPLE CARRIERS UNDER DISCONTINUOUS ACTIVITY	11/2/2016 1
2018/02082	EXTRACTION CELL FOR A CENTRIFUGAL PARTITION CHROMATOGRAPH, A CENTRIFUGAL PARTITION CHROMATOGRAPH CONTAINING SUCH A CELL, AND A METHOD FOR PRODUCING SUCH AN EXTRACTION CELL	9/13/2016 1
2018/02086	FILTERING SYRINGE	9/6/2016 12
2018/02087	ELECTRICALLY DRIVEN MACHINE WITH REVERSE POWER STORAGE	9/16/2016 1
2018/02089	APPARATUS AND METHOD FOR ELECTRON IRRADIATION SCRUBBING	10/3/2016 1
2018/02090	A COMPOSITION AND METHOD FOR TREATING SUBSTRATES	10/3/2016 1
2018/02130	A DEVICE FOR TRAINING AND REHABILITATION	8/31/2016 1
2018/02137	COMPOSITION COMPRISING AN OIL PHASE	10/18/2016
2018/02138	COMPOSITION COMPRISING AN OIL PHASE	10/18/2016
2018/02139	COMPOSITION COMPRISING AN OIL PHASE	10/18/2016
2018/02195	ALUMINUM COMPOSITE MATERIAL FOR USE IN THERMAL FLUX-FREE JOINING METHODS AND METHOD FOR PRODUCING SAME	4/4/2018 12
2018/02203	BLOCKCHAIN-BASED IDENTITY AND TRANSACTION PLATFORM	9/30/2016 1
2018/02204	MAXIMUM ENERGY UTILIZATION POINT TRACKING TECHNOLOGIES	10/10/2016
2018/02207	BEVERAGE DISPENSING UNIT AND APPARATUS COMPRISING SAID DISPENSING UNIT	10/7/2016 1
2018/02208	GENERATING PROBABILISTIC ESTIMATES OF RAINFALL RATES FROM RADAR REFLECTIVITY MEASUREMENTS	9/2/2016 12
2018/02209	PERFECTED METHOD AND APPARATUS TO INJECTION CO-MOULD AND ASSEMBLE PLASTIC MATERIAL OBJECTS	9/22/2016 1
2018/02223	METHOD AND APPARATUS FOR SUBCUTANEOUS INJECTION WITH ELECTRIC NERVE STIMULATION	4/5/2018 12

Application Number	Patent Title	Filing Date
2018/02232	SKIN CARE COMPOSITION COMPRISING TURBOSTRATIC BORON NITRIDE	9/22/2016 1
2018/02233	A SKIN LIGHTENING COMPOSITION	10/4/2016 1
2018/02234	METHOD FOR MANUFACTURING A WELDED COMPONENT AND USE OF THE COMPONENT	10/4/2016 1
2018/02235	PYRROLIDINE DERIVATIVES	10/21/2016
2018/02237	DEVICE FOR COLLECTING, TRANSFERRING, AND STORING SAMPLES OF A BIOLOGICAL AND/OR CHEMICAL MATERIAL	10/21/2016
2018/02270	HYBRID PHASED ARRAY TRANSMISSION	8/19/2016 1
2018/02271	GEOLOCATION USING GUIDED SURFACE WAVES	8/17/2016 1
2018/02272	GLOBAL TIME SYNCHRONIZATION USING A GUIDED SURFACE WAVE	8/17/2016 1
2018/02273	POWER INTERNAL MEDICAL DEVICES WITH GUIDED SURFACE WAVES	8/17/2016 1
2018/02274	RETURN COUPLED WIRELESS POWER TRANSMISSION	8/18/2016 1
2018/02275	GEOLOCATION USING GUIDED SURFACE WAVES	8/22/2016 1
2018/02276	GEOLOCATION WITH GUIDED SURFACE WAVES	8/22/2016 1
2018/02277	GEOLOCATION USING GUIDED SURFACE WAVES	8/18/2016 1
2018/02278	GEOLOCATION USING GUIDED SURFACE WAVES	8/18/2016 1
2018/02279	ADAPTATION OF ENERGY CONSUMPTION NODE FOR GUIDED SURFACE WAVE RECEPTION	8/22/2016 1
2018/02285	POLYCRYSTALLINE DIAMOND,POLYCRYSTALLINE DIAMOND COMPACT, METHOD OF FABRICATING SAME, AND VARIOUS APPLICATIONS	4/6/2018 12
2018/02301	PRE-TREATING ALUMINUM SURFACES WITH ZIRCONIUM- AND MOLYBDENUM-CONTAINING COMPOSITIONS	4/9/2018 12
2018/02304	PROCESSES FOR PRODUCING ORGANOPHOSPHOROUS COMPOUNDS	9/7/2016 12
2018/02305	PROCESSES FOR PRODUCING ORGANOPHOSPHOROUS COMPOUNDS	9/7/2016 12
2018/02338	VANADIUM PYRIDINE-IMINE COMPLEX, CATALYTIC SYSTEM COMPRISING SAID VANADIUM PYRIDINE-IMMINE COMPLEX AND A	11/10/2016

Application Number	Patent Title	Filing Date
	(CO) POLYMERIZATION PROCESS OF CONJUGATED DIENES	
2018/02341	MEASUREMENT CONTROL OF WIRELESS COMMUNICATION DEVICES FOR CELL RANGE EXTENSION	10/1/2015 1
2018/02342	THERMAL INSULATING SYSTEM FOR HIGH TEMPERATURE INDUSTRIAL TANKS AND EQUIPMENT	11/2/2015 1
2018/02343	AN APPARATUS AND METHOD FOR PROCESSING DOSES	10/7/2016 1
2018/02345	ANTIBODIES TARGETING A MANNAN-BASED O-ANTIGEN OF K. PNEUMONIAE	6/30/2016 1
2018/02347	APPARATUS FOR MAKING BEVERAGES BY PASSING HOT WATER IN A CAPSULE CONTAINING A FOOD SUBSTANCE	10/7/2016 1
2018/02359	DISC BRAKE AND BRAKE PAD SET FOR A DISC BRAKE	10/1/2014 1
2018/02368	COMMUNICATION DEVICE	4/11/2018 1
2018/02384	PYRAZINE COMPOUND AND ARTHROPOD PEST CONTROL AGENT CONTAINING SAME	10/13/2016
2018/02385	COMPOSITION COMPRISING AN OIL PHASE	10/18/2016
2018/02389	PONDING WATER DETECTION ON SATELLITE IMAGERY	9/13/2016 1
2018/02390	IMPROVED FERMENTER	11/10/2016
2018/02413	INTERLAYER FILM FOR LAMINATED GLASS AND LAMINATED GLASS	9/29/2016 1
2018/02415	INTERLAYER FOR LAMINATED GLASS, AND LAMINATED GLASS	9/29/2016 1
2018/02417	A LIQUID DETERGENT COMPOSITION	11/4/2016 1
2018/02418	PROCESS FOR PREPARING FAT CONTINUOUS EMULSIONS LOW IN FAT	11/8/2016 1
2018/02419	HARD SURFACE CLEANING COMPOSITION	11/16/2016
2018/02452	NEW THERAPEUTIC STRATEGIES AGAINST BLOOD CANCER	4/13/2018 1
2018/02464	INTERNAL WIRE-TRIGGERED PULSED CATHODIC ARC PROPULSION SYSTEM	4/13/2018 1
2018/02502	ASSEMBLY FOR AN ELEVATOR SYSTEM COMPRISING A SAFETY BRAKE	9/19/2016 1
2018/02503	INTERLAYER FOR LAMINATED GLASS, ROLL BODY, AND LAMINATED GLASS	12/13/2016
2018/02504	METHODS AND APPARATUS RELATING TO SELECTIVE	10/6/2016 1

Application Number	Patent Title	Filing Date
	ENHANCEMENT OF RADIO SIGNALS	
2018/02507	METHODS, DEVICES, SYSTEMS AND PROCESSES FOR UPGRADING IRON OXIDE CONCENTRATES USING REVERSE FLOTATION OF SILICA AT A NATURAL PH	11/2/2016 1
2018/02508	RECEIVING DEVICE AND METHOD PERFORMED THEREIN FOR COMMUNICATING IN A WIRELESS COMMUNICATION NETWORK	11/6/2015 1
2018/02536	REPLACEABLE UNIT FOR AN ELECTROPHOTOGRAPHIC IMAGE FORMING DEVICE HAVING A RETRACTABLE ELECTRICAL CONNECTOR	11/30/2016
2018/02537	HIGHLY STABLE NON-VESICULAR NANOPARTICLES AND APPLICATION THEREOF IN TREATING MICROBIAL INFECTION	9/14/2016 1
2018/02539	ELEMENT FOR USE IN NON-FERROUS SMELTING APPARATUS	6/28/2017 1
2018/02541	LANCE FOR USE IN A TOP SUBMERGED LANCE FURNACE	5/9/2017 12
2018/02544	METHODS FOR TOTAL SYNTHESIS OF RESOLVIN E1	10/9/2016 1
2018/02548	INTERLAYER FOR LAMINATED GLASS AND LAMINATED GLASS	9/28/2016 1
2018/02576	DIBENZO AZEPINE COMPOUNDS AND THEIR USE IN THE TREATMENT OF OTIC DISEASES AND DISORDERS	4/18/2018 1
2018/02581	BEAD MADE OF A FUSED PRODUCT	10/21/2016
2018/02583	METHOD FOR ADAPTATION	10/28/2016
2018/02585	FAECALIBACTERIUM PRAUSNITZII AND DESULFOVIBRIO PIGER FOR USE IN THE TREATMENT OR PREVENTION OF DIABETES AND BOWEL DISEASES	10/28/2016
2018/02586	SYSTEMS AND METHODS FOR FRC PLASMA POSITION STABILITY	11/13/2016
2018/02590	DRAINAGE ELEMENT AND METHOD FOR THE PRODUCTION THEREOF	4/18/2018 1
2018/02601	COMPOSITE CLOSURE WITH SUPPORT BRACE AND METHOD FOR MAKING THE SAME	4/19/2018 1
2018/02619	AN ELECTRICITY SUPPLY CONTROL SYSTEM AND A METHOD THEREOF	10/28/2016
2018/02636	LOAD MEASURING DEVICE	4/20/2018 1
2018/02637	DISPLACEMENT MONITORING SYSTEM	4/20/2018 1
2018/02653	INTERSPINOUS OMNIDIRECTIONAL DYNAMIC STABILIZATION DEVICE	10/19/2016
2018/02654	CEPHEM COMPOUNDS, THEIR	12/5/2016 1

Application Number	Patent Title	Filing Date
	PRODUCTION AND USE	
2018/02682	ABSORPTION AGENT AND A METHOD FOR SELECTIVELY REMOVING HYDROGEN SULPHIDE	4/23/2018 1
2018/02683	ABSORBENT FOR THE SELECTIVE REMOVAL OF HYDROGEN SULFIDE	4/23/2018 1
2018/02684	CYCLIC AMINE FOR SELECTIVELY REMOVING HYDROGEN SULPHIDE	4/23/2018 1
2018/02685	METHOD FOR THE SELECTIVE REMOVAL OF HYDROGEN SULFIDE	4/23/2018 1
2018/02686	TWO-COMPONENT COATING COMPOUNDS	4/23/2018 1
2018/02707	STORAGE HOLDER FOR A DISPENSER	11/3/2016 1
2018/02708	STRAINER POST CONNECTOR	4/10/2017 1
2018/02709	FENCING SYSTEM	1/19/2017 1
2018/02719	TREATMENT COMPOSITIONS PROVIDING AN ANTIMICROBIAL BENEFIT	4/24/2018 1
2018/02723	LIVER-SPECIFIC CONSTRUCTS, FACTOR VIII EXPRESSION CASSETTES AND METHODS OF USE THEREOF	7/13/2016 1
2018/02728	SUPERCRITICAL CO2 CELLULOSE SPRAYDRYING	9/26/2016 1
2018/02729	METHODS OF MANUFACTURING IMAGE ELEMENT ARRAYS FOR SECURITY DEVICES	11/7/2016 1
2018/02730	ESTABLISHING A SECRET SHARED BETWEEN A FIRST COMMUNICATIONS DEVICE AND AT LEAST ONE SECOND COMMUNICATIONS DEVICE	10/30/2015
2018/02744	IMINO COMPOUNDS WITH A 2-CHLOROPYRIMIDIN-5-YL SUBSTITUENT AS PEST-CONTROL AGENTS	4/25/2018 1
2018/02755	CASTING NOZZLE COMPRISING FLOW DEFLECTORS	11/8/2016 1
2018/02760	METHOD FOR RECOVERING CONCENTRATED HYDROLYSATE AFTER HYDROLYSIS OF CELLULOSE MATERIAL	2/16/2016 1
2018/02761	PROCESS TO PRODUCE A BIO-PRODUCT	12/1/2016 1
2018/02763	USE OF VOLATILE MEMORY AS NON-VOLATILE MEMORY	1/20/2017 1
2018/02772	HAIR TREATMENT COMPOSITION AND METHOD	4/25/2018 1
2018/02784	CONTAINER AND SET OF PREFORMS FOR FORMING A CONTAINER	4/26/2018 1
2018/02791	PYRAMID VECTOR QUANTIZER	6/25/2015 1

Application Number	Patent Title	Filing Date
	SHAPE SEARCH	
2018/02813	PROCESS AND DEVICE OF CONTROL AND REGULATION OF THE PRESSURE OF TYRES	10/6/2016 1
2018/02815	METHOD AND DEVICE FOR ADAPTING THE VIDEO CONTENT DECODED FROM ELEMENTARY STREAMS TO THE CHARACTERISTICS OF A DISPLAY	11/4/2016 1
2018/02817	ENHANCEMENT OF MT SM DELIVERY FOR EDRX ENABLED MOBILE TERMINALS	11/16/2016
2018/02820	PLASMINOGEN REPLACEMENT THERAPY FOR PLASMINOGEN-DEFICIENCY	11/3/2016 1
2018/02864	DIOXOLANE ANALOGUES OF URIDINE FOR THE TREATMENT OF CANCER	5/2/2018 12
2018/02879	PROCESS FOR PREPARING FAT CONTINUOUS EMULSIONS CONTAINING MIDSTOCK OR CREAM	11/3/2016 1
2018/02880	PROCESS FOR PREPARING FAT CONTINUOUS EMULSIONS	11/8/2016 1
2018/02881	PROCESS FOR PREPARING A FAT SLURRY COMPRISING OLIVE OIL AND FOR PREPARING A SPREAD WITH SAID SLURRY	11/16/2016
2018/02901	FARNESOID X RECEPTOR MODULATORS	10/7/2016 1
2018/02902	METHODS AND APPARATUSES FOR CONFIGURATION OF MEASUREMENT RESTRICTIONS	11/3/2016 1
2018/02903	METHOD FOR CREATING SURFACE EFFECTS, IN PARTICULAR IN UV-CURABLE LAYERS, DEVICE FOR MAKING SAME, AND ARTICLE OBTAINED ACCORDING TO THE INVENTION	11/2/2016 1
2018/02919	COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF THE ALAS1 GENE	10/3/2014 1
2018/02976	N-SULFONYLATED PYRAZOLO[3,4-B]PYRIDIN-6-CARBOXAMIDES AND METHOD OF USE	10/7/2016 1
2018/02977	MEDICAL ARRANGEMENTS AND A METHOD FOR DETERMINING PARAMETERS RELATED TO INSULIN THERAPY, PREDICTING GLUCOSE VALUES AND FOR PROVIDING INSULIN DOSING RECOMMENDATIONS	10/7/2016 1
2018/02978	BIFUNCTIONAL MOLECULES CONTAINING PEG FOR USE IN INHIBITING CATARACTS AND	11/11/2016

Application Number	Patent Title	Filing Date
	PRESBYOPIA	
2018/02979	WATER CONSERVING SHOWER SYSTEM AND THERMOCHROMIC FIXTURES USED THEREIN	5/18/2016 1
2018/02982	DRUG DELIVERY COMPOSITION CONTAINING SILYL POLYMERS	11/2/2016 1
2018/02984	POWER-LINE COMMUNICATIONS	10/28/2016
2018/02985	DATA BLOCK REPETITIONS WITH TRANSMISSION GAPS	1/10/2017 1
2018/02987	A RADIO NETWORK NODE AND A WIRELESS DEVICE, AND METHODS THEREIN	12/8/2016 1
2018/02988	PAYMENT DEVICE CONTROL	11/22/2016
2018/02990	A DEVICE FOR SEPARATING PAPER SECTIONS FROM A PAPER WEB WOUND ONTO A PAPER ROLL, AS WELL AS A KNIFE FOR SEPARATING THE PAPER SECTIONS	5/8/2018 12
2018/03003	VERTICAL SEPARATION VESSEL FOR IONIC LIQUID CATALYZED EFFLUENT	11/9/2016 1
2018/03007	COMPUTER-IMPLEMENTED CALCULATION OF CORN HARVEST RECOMMENDATIONS	10/7/2016 1
2018/03008	PAGING IN A GROUP COMMUNICATIONS SYSTEM	9/13/2016 1
2018/03010	PLASMINOGEN DOSAGE REGIMEN FOR WOUND HEALING	11/10/2016
2018/03017	COLD PLASMA OZONE GENERATOR	5/8/2018 12
2018/03028	DEBRANCHING VISCERAL STENT GRAFT AND METHODS FOR USE	5/9/2018 12
2018/03032	PHARMACEUTICAL COMPOSITIONS OF DIMETHYL FUMARATE	5/9/2018 12
2018/03043	HEAT PUMP NETWORK	11/3/2016 1
2018/03044	PROCESS TO CONVERT SYNTHESIS GAS TO OLEFINS OVER A BIFUNCTIONAL CHROMIUM OXIDE/ZINC OXIDE-SAPO-34 CATALYST	9/7/2016 12
2018/03045	DIGITAL SENSOR	11/16/2016
2018/03049	PREDICTIVE ACKNOWLEDGMENT FEEDBACK MECHANISM	2/26/2016 1
2018/03051	SUPPORT APPARATUS AND ITS COMPONENTS	10/6/2016 1
2018/03063	MODIFIED PLANTS CONTAINING COMBINATION OF APYRASE GENES AND METHOD FOR MAKING MODIFIED PLANTS WITH COMBINATION OF APYRASE GENES	5/10/2018 1
2018/03074	METHOD FOR THE DEPOSITION OF FUNCTIONAL LAYERS SUITABLE FOR HEAT RECEIVER TUBES	10/28/2016
2018/03078	MONITORING AND/OR REGISTERING	12/1/2016 1

Application Number	Patent Title	Filing Date
	A POSITION OF A TOOL IN AN ELEVATOR SHAFT	
2018/03093	SELF BALANCED LIQUID LEVEL GASIFICATION FURNACE WITH WASTE BOILER	5/11/2018 1
2018/03094	BET SENSORS, GAMING TABLES WITH ONE OR MORE BET SENSORS, AND RELATED METHODS	12/20/2013
2018/03111	PROCESS FOR THE PREPARATION OF (CO) POLYMERS OF CONJUGATED DIENES IN THE PRESENCE OF A CATALYTIC SYSTEM COMPRISING A VANADIUM BIS-IMINE COMPLEX	12/23/2016
2018/03112	REVERSE OSMOSIS MEMBRANES AND SEPARATIONS	11/10/2016
2018/03113	HYDROCARBON REVERSE OSMOSIS MEMBRANES AND METHOD OF MANUFACTURE THEREOF	11/10/2016
2018/03116	SYRINGE	10/27/2016
2018/03118	FILTERING SYRINGE	10/27/2016
2018/03159	COATING COMPOSITIONS FOR COATING FIBRE CEMENT BOARD	5/14/2018 1
2018/03163	AN OPHTHALMIC PROGRESSIVE ADDITION LENS FOR A MYOPIC AND PRESBYOPIC WEARER; METHOD FOR PROVIDING SUCH A LENS	10/11/2016
2018/03164	AN OPHTHALMIC PROGRESSIVE ADDITION LENS FOR A MYOPIC OR EMMETROPIC PRESBYOPIC WEARER; METHOD FOR PROVIDING SUCH A LENS	10/11/2016
2018/03167	A PROCESS FOR PREPARING A DRY POWDER FORMULATION COMPRISING AN ANTICHOLINERGIC, A CORTICOSTEROID AND A BETA-ADRENERGIC	11/14/2016
2018/03168	A PROCESS FOR PREPARING A DRY POWDER FORMULATION COMPRISING AN ANTICHOLINERGIC, A CORTICOSTEROID AND A BETA-ADRENERGIC	11/14/2016
2018/03169	CELLULASE DERIVED FROM METAGENOMICS	11/11/2016
2018/03170	CELLULOSE-BASED INSULATION AND METHODS OF MAKING THE SAME	10/15/2016
2018/03177	ENDODONTIC INSTRUMENT FOR DRILLING THE ROOT CANALS OF A TOOTH	5/14/2018 1
2018/03192	WAGER RECOGNITION SYSTEM HAVING AMBIENT LIGHT SENSOR AND RELATED METHOD	4/22/2015 1
2018/03210	BOTTLE CONVEYOR, BOTTLE	9/14/2016 1

Application Number	Patent Title	Filing Date
	GRIPPER MECHANISM, BOTTLE GRIPPER ASSEMBLY FOR FILLING MACHINE	
2018/03211	DEVICE FOR HIGH-HEELED SHOES AND METHOD OF CONSTRUCTING A HIGH-HEELED SHOE	5/24/2016 1
2018/03214	COMPOUNDS FOR MEDICINAL APPLICATIONS	11/16/2016
2018/03215	APPARATUS FOR MAKING A BEVERAGE, IN PARTICULAR FOR A BEVERAGE CONTAINING MILK	11/23/2016
2018/03216	WEARABLE SMART ROUTER	10/21/2016
2018/03217	MULTI-SUBFRAME GRANT WITH SCHEDULING OF BOTH DATA AND CONTROL CHANNELS	2/24/2017 1
2018/03218	WEAR MEMBER	11/8/2016 1
2018/03246	MEDICINE FOR TREATING INFLUENZA CHARACTERIZED BY COMPRISING COMBINATION OF CAP-DEPENDENT ENDONUCLEASE INHIBITOR WITH ANTI-INFLUENZA DRUG	12/14/2016
2018/03248	PROCESS FOR PRODUCING ALDEHYDES	10/27/2016
2018/03291	HAPLOID INDUCTION COMPOSITIONS AND METHODS FOR USE THEREFOR	5/17/2018 1
2018/03299	PLANT DISEASE CONTROL COMPOSITION, AND PLANT DISEASE CONTROL METHOD	11/24/2016
2018/03300	4-HYDROXY-2-PHENYL-1,3-THIAZOL-5-YL METHANONE DERIVATIVES AS TRPM8 ANTAGONISTS	12/16/2016
2018/03301	IMPROVED APELIN RECEPTOR (APJ) AGONISTS AND USES THEREOF	12/9/2016 1
2018/03316	OXYSTEROL-STATIN COMPOUNDS FOR BONE GROWTH	5/18/2018 1
2018/03326	LUMINESCENT INSERT FOR A CONSTRUCTION ELEMENT, ASSOCIATED ELEMENT AND MANUFACTURING METHOD	5/18/2018 1
2018/03332	CHANGE INDICATOR FOR SYSTEM INFORMATION IN A CELLULAR INTERNET OF THINGS (CIOT) NETWORK	1/7/2017 12
2018/03338	DEGERMINATOR	5/18/2018 1
2018/03386	LIQUID CONTAINER	5/22/2018 1
2018/03400	ORAL CARE COMPOSITION FOR REMINERALISATION AND WHITENING OF TEETH	11/11/2016
2018/03418	METHOD AND SYSTEM FOR SEALED BID AUCTIONS	5/23/2018 1
2018/03442	VIRAL VECTORS ENCODING RECOMBINANT FVIII VARIANTS WITH	5/24/2018 1

Application Number	Patent Title	Filing Date
	INCREASED EXPRESSION FOR GENE THERAPY OF HEMOPHILIA A	
2018/03582	NICOTINE POWDER DELIVERY SYSTEM	5/30/2018 1
2018/03659	ECONOMICAL PRODUCTION OF 2-PROPYLHEPTANOL	6/1/2018 12
2018/03662	NICOTINE PARTICLE CAPSULE	6/1/2018 12
2018/03663	RETRACTABLE HEAT SOURCE FOR AEROSOL GENERATING ARTICLE	6/1/2018 12
2018/03683	CAPILLARY ASSISTED VITRIFICATION PROCESSES AND DEVICES	5/31/2018 1
2018/03723	COMPOSITIONS AND METHODS FOR EFFICIENT TARGETING OF TRANSGENES	6/5/2018 12
2018/03823	MODULAR PANEL FOR A LINEAR VIBRATING SCREEN	6/8/2018 12
2018/03946	A CARCASS CLEANING SYSTEM	6/11/2018 1
2018/03975	SUN PROTECTIVE COMPOSITIONS	6/14/2018 1
2018/03977	FILTER CARTRIDGE FOR AN OIL FILTER OF A MOTOR VEHICLE, AND OIL FILTER	6/14/2018 1
2018/04013	AN ANTIBACTERIAL COMPOSITION AND A METHOD OF TREATING STAPHYLOCOCCAL INFECTIONS WITH THE ANTIBACTERIAL COMPOSITION	6/15/2018 1
2018/04059	TAILGATE RAMP	6/18/2018 1
2018/04156	MULTISTAGE BELT-TYPE TRANSPORTATION CENTRALIZED CONTROL DEVICE FOR COAL WASHERY	6/21/2018 1
2018/04157	EXPLOSION-PROOF MULTISTAGE BELT TRANSPORTATION MULTI-TOUCH-SCREEN MULTI-CAN-BOARD PARALLEL LONG-DISTANCE CENTRALIZED CONTROL DEVICE	6/21/2018 1
2018/04158	MULTISTAGE BAND TRANSPORTATION MULTI-TOUCH-SCREEN MULTI-CAN-BOARD PARALLEL LONG-DISTANCE CENTRALIZED CONTROL DEVICE FOR COAL WASHERY	6/21/2018 1
2018/04188	HYDROMETALLURGICAL TREATMENT PROCESS FOR EXTRACTION OF PRECIOUS, BASE AND RARE ELEMENTS	6/22/2018 1
2018/04361	1,3,4-THIADIAZOLE COMPOUNDS AND THEIR USE IN TREATING CANCER	6/28/2018 1
2018/04521	CIRCUMCISION CLAMP	7/6/2018 12
2018/04541	BATCH DISTILLING METHOD, STILL AND KIT	7/6/2018 12
2018/04603	A COMPOSITION COMPRISING PIC	7/10/2018 1

Application Number	Patent Title	Filing Date
	FOR TREATMENT OF CANCER	
2018/04763	IMPROVED EUKARYOTIC CELLS FOR PROTEIN MANUFACTURING AND METHODS OF MAKING THEM	7/17/2018 1
2018/04812	BOILER CLEANING DEVICE	7/18/2018 1
2018/04813	WATER PURIFICATION DEVICE	7/18/2018 1
2018/04814	PURIFICATION METHOD FOR CONTAMINATED LIQUID	7/18/2018 1
2018/04815	PARTICLE SEPARATING DEVICE IN HEATING SYSTEM	7/18/2018 1
2018/04816	CLEANING SYSTEM FOR INCINERATOR	7/18/2018 1
2018/04817	LIQUID FILTRATION METHOD	7/18/2018 1
2018/04818	SEWAGE TREATMENT EQUIPMENT	7/18/2018 1
2018/04819	HIGH VOLTAGE WATER TREATMENT SYSTEM	7/18/2018 1
2018/04820	CONTAMINANT PROCESSING SYSTEM	7/18/2018 1
2018/04821	DEIONIZATION TREATMENT SYSTEM	7/18/2018 1
2018/04932	MATERIALS AND METHODS TO ENHANCE HEMATOPOIETIC STEM CELLS ENGRAFTMENT PROCEDURES	7/23/2018 1
2018/04933	GAMING TABLES FOR ROULETTE AND SIMILAR GAMES	7/23/2018 1
2018/04965	RECOMBINANT ADENOVIRUS VECTORED FMDV VACCINES AND USES THEREOF	7/24/2018 1
2018/05007	MULTI-TECHNOLOGY VISUAL INTEGRATED DATA MANAGEMENT AND ANALYTICS DEVELOPMENT AND DEPLOYMENT ENVIRONMENT	7/25/2018 1
2018/05068	CATALYST FOR FISCHER-TROPSCH SYNTHESIS, METHOD FOR PRODUCING CATALYST FOR FISCHER-TROPSCH SYNTHESIS, AND METHOD FOR PRODUCING HYDROCARBON	7/27/2018 1
2018/05215	PREPARATION FOR NASAL-NASOPHARYNGEAL TREATMENT	8/2/2018 12
2018/05233	A PALLET AND A SPACER FOR USE IN A PALLET	8/3/2018 12
2018/05276	METHOXYCARBONYLATION WITH FORMIC ACID AS CO SOURCE	8/10/2018 1
2018/05287	BLOOD FILTERING COMPONENT, APPARATUS, AND METHOD	8/10/2018 1
2018/05300	PROCESS FOR THE SEPARATION OF VANADIUM	8/10/2018 1
2018/05326	ANGULARLY ADJUSTABLE TUBULAR ELBOW	8/10/2018 1
2018/05445	COMBINATION THERAPY WITH SORAFENIB OR REGORAFENIB AND A PHOSPHORAMIDATE PRODRUG OF	8/15/2018 1

Application Number	Patent Title	Filing Date
	TROXACITABINE	
2018/05474	SANITARY FITTING COMPRISING A WATER CONDUIT CHANNEL	8/16/2018 1
2018/05481	A SOLAR CELL COMPRISING GRAINS OF A DOPED SEMICONDUCTING MATERIAL AND A METHOD FOR MANUFACTURING THE SOLAR CELL	8/16/2018 1
2018/05486	COMBINATION THERAPIES FOR TREATMENT OF SPINAL MUSCULAR ATROPHY	8/16/2018 1
2018/05681	ANGULATED DENTAL IMPLANT	3/1/2017 12
2018/05788	OSMOTIC PRESSURE ASSISTED REVERSE OSMOSIS PROCESS AND METHOD OF USING THE SAME	8/29/2018 1
2018/05798	METHODS AND A COMPUTING DEVICE FOR DETERMINING WHETHER A MARK IS GENUINE	8/29/2018 1
2018/05803	WHEEL DETECTOR FOR DETECTING A WHEEL OF A RAIL VEHICLE	8/29/2018 1
2018/05840	CRYSTALLINE (2S,4R)-5-(5'-CHLORO-2'-FLUORO- [1,1'-BIPHENYL]-4-YL)-2-(ETHOXYMETHYL)-4-(3-HYDROXYISOXAZOLE-5-CARBOXAMIDO)-2-METHYLPENTANOIC ACID AND USES THEREOF	8/30/2018 1
2018/05866	A MINE BAG	8/31/2018 1
2018/05871	AN IMPROVED PROCESS FOR THE PREPARATION OF LACOSAMIDE	8/31/2018 1
2018/05877	METHOD FOR PRODUCING COMPONENTS FROM A DUPLEX STEEL, AND COMPONENTS PRODUCED USING SAID METHOD	8/31/2018 1
2018/05898	MATERIAL COLLECTOR LEVELING CYLINDER HYDRAULIC CONTROL SYSTEM	9/3/2018 12
2018/05900	SELENOGALACTOSIDE COMPOUNDS FOR THE PREVENTION AND TREATMENT OF DISEASES ASSOCIATED WITH GALECTIN AND THE USE THEREOF	9/3/2018 12
2018/05902	PACKAGING DEVICE AND SORTING SYSTEM FOR DIRECTIONAL PACKAGING OF PRODUCTS AND METHOD THEREFOR	9/3/2018 12
2018/05904	ACRYLIC FIBER FOR ARTIFICIAL HAIR, METHOD FOR PRODUCING SAME, AND HEAD DECORATION ARTICLE CONTAINING SAME	9/3/2018 12
2018/05905	NEUROACTIVE STEROIDS, COMPOSITIONS, AND USES THEREOF	9/3/2018 12
2018/05911	A LIFE INSURANCE PAYMENT	9/4/2018 12

Application Number	Patent Title	Filing Date
	CALCULATION SYSTEM AND METHOD	
2018/05913	IMMUNOCOMPETENT CELL AND EXPRESSION VECTOR EXPRESSING REGULATORY FACTORS OF IMMUNE FUNCTION	9/4/2018 12
2018/05920	PHYSICAL FORM OF A SGR MODULATOR	9/4/2018 12
2018/05921	TAIL-LESS UNMANNED AERIAL VEHICLE	9/4/2018 12
2018/05938	FLUID PERMEABLE HEATER ASSEMBLY FOR AEROSOL-GENERATING SYSTEMS	9/5/2018 12
2018/05939	SYSTEMS AND METHODS FOR SEARCHING DATABASES USING GRAPHICAL USER INTERFACES THAT INCLUDE CONCEPT STACKS	9/5/2018 12
2018/05940	TREATMENT OF MUSCULAR DISORDERS WITH COMBINATIONS OF RXR AGONISTS AND THYROID HORMONES	9/5/2018 12
2018/05941	TREATMENT OF AUTOIMMUNE DISEASES WITH COMBINATIONS OF RXR AGONISTS AND THYROID HORMONES	9/5/2018 12
2018/05972	A SECURITY DEVICE, SYSTEM AND METHOD	9/6/2018 12
2018/05984	FILTER ELEMENTS, AIR CLEANER ASSEMBLIES, AND METHODS OF USE AND ASSEMBLY	9/6/2018 12
2018/05987	CRANE TROLLEY	9/6/2018 12
2018/06007	A NOVEL GREASE AND METHODS OF MAKING THE SAME	9/7/2018 12
2018/06018	PREPARATION OF RED IRON OXIDE PIGMENT	9/7/2018 12
2018/06025	A battery module and a modular battery system	9/7/2018 12
2018/06039	POULTRY FEEDERS AND METHOD AND ADAPTOR FOR REPAIRING SAME	9/10/2018 1
2018/06044	FLUID PERMEABLE HEATER ASSEMBLY FOR AEROSOL-GENERATING SYSTEMS AND FLAT ELECTRICALLY CONDUCTIVE FILAMENT ARRANGEMENT FOR FLUID PERMEABLE HEATER ASSEMBLIES	9/10/2018 1
2018/06045	APPARATUS FOR MEASURING THE CONCENTRATION OF TARGET SUBSTANCES IN BLOOD	9/10/2018 1
2018/06046	WOUND TREATMENT APPARATUSES AND METHODS WITH NEGATIVE PRESSURE SOURCE INTEGRATED INTO WOUND DRESSING	9/10/2018 1

Application Number	Patent Title	Filing Date
2018/06050	VALVE ACTUATING DRIVE	9/10/2018 1
2018/06051	VALVE SERIES	9/10/2018 1
2018/06052	VALVE TRAIN	9/10/2018 1
2018/06065	A WATER SAVING FOAMING COMPOSITION	9/11/2018 1
2018/06066	BURNER TUBE AND VENTURI FOR GAS GRILL	9/11/2018 1
2018/06070	ROCK MONITORING APPARATUS AND METHOD OF USING SAME	9/11/2018 1
2018/06072	METHOD FOR PRODUCING CELLULASES WITH PRETREATED LIGNOCELLULOSIC POMACE	9/11/2018 1
2018/06082	FLOOR STRUCTURE FOR EVENTS	9/11/2018 1
2018/06095	PHARMACEUTICAL COMPOSITION COMPRISING AN IMMUNOMODULATORY AGENT AND METHOD FOR THE PREPARATION THEREOF	9/12/2018 1
2018/06096	PROVIDING AND MANAGING A VEHICLE INSURANCE POLICY	9/12/2018 1
2018/06099	A REWARDS DEVICE AND METHOD	9/12/2018 1
2018/06100	A COMPUTER IMPLEMENTED SYSTEM FOR OPERATING A REWARDS PROGRAMME	9/12/2018 1
2018/06103	COMPOSITIONS AND METHODS FOR THE TREATMENT OF SINUS DISEASE AND DISORDERS	9/12/2018 1
2018/06104	STENT DELIVERY SYSTEM	9/12/2018 1
2018/06106	TOPICAL COMPOSITION COMPRISING PLANT EXTRACTS	9/12/2018 1
2018/06107	MIXING AND PROCESSING APPARATUS AND METHOD	9/12/2018 1
2018/06110	ELECTRONIC CONFIGURABLE EQUALIZING RESERVOIR BACKUP SYSTEM	9/12/2018 1
2018/06121	QUICK CONNECT PLUG FOR CABLES	9/12/2018 1
2018/06161	A SECURITY SERVICE SYSTEM	9/13/2018 1
2018/06162	VARIABLE SIZE CONTAINER	9/13/2018 1
2018/06175	SCANNING STRATEGY FOR PERIMETER AND REGION ISOLATION	9/13/2018 1
2018/06188	TRAFFIC PAINT FORMULATION	9/14/2018 1
2018/06194	COBALT CATALYST BASED ON A SUPPORT CONTAINING A MIXED OXIDE PHASE CONTAINING COBALT AND/OR NICKEL PREPARED BY THE USE OF A DICARBOXYLIC ACID COMPRISING AT LEAST THREE CARBON ATOMS	9/14/2018 1
2018/06195	COBALT CATALYST COMPRISING A SUPPORT WITH A MIXED OXIDE PHASE CONTAINING COBALT AND/OR NICKEL PREPARED USING AN ESTER	9/14/2018 1

Application Number	Patent Title	Filing Date
	COMPOUND	
2018/06202	PROCESS FOR THE SYNTHESIS OF (2E, 4E, 6Z, 8E)-8-(3,4-DIHYDRONAPHTHALEN-1(2H)-YLIDENE)-3,7-DIMETHYLOCTA-2, 4, 6-TRIENOIC ACID	9/14/2018 1
2018/06204	USE OF RED IRON OXIDE PIGMENTS IN AQUEOUS PREPARATIONS	9/14/2018 1
2018/06205	METHOD OF OPERATING A RECEIVER FOR RECEIVING ANALYTE DATA, RECEIVER AND COMPUTER PROGRAM PRODUCT	9/14/2018 1
2018/06212	CAMPING ASSEMBLY WITH A STORAGE BOX AND A TENT	9/14/2018 1
2018/06231	CANDLE HOLDER	9/17/2018 1
2018/06233	PROCESS AND UNIT FOR SEPARATING AIR BY CRYOGENIC DISTILLATION	9/17/2018 1
2018/06237	DUAL-RATE RELEASE FORMULATION WITH HIGH DRUG LOADING	9/17/2018 1
2018/06238	MONOLITHIC COMPOSITION FOR DUAL-RATE RELEASE WITH HIGH DRUG LOADING	9/17/2018 1
2018/06242	METHOD FOR CONTROLLING A DRIVEN TRAILER, AND MOTOR-DRIVEN TRAILER	9/17/2018 1
2018/06243	METHOD AND SYSTEM FOR USER AUTHENTICATION WITH IMPROVED SECURITY	9/17/2018 1
2018/06245	CONJUGATE OF FINASTERIDE WITH PEPTIDE	9/17/2018 1
2018/06248	FUEL CELL POWER PLANT COOLING NETWORK INTEGRATED WITH A THERMAL HYDRAULIC ENGINE	9/17/2018 1
2018/06258	PHARMACEUTICAL COMPOSITION COMPRISING A MAGNESIUM OXIDE SALT COMPLEX OF FEBUXOSTAT AND METHOD FOR THE PREPARATION THEREOF	9/18/2018 1
2018/06259	A MOBILE AIR-CONDITIONING UNIT	9/18/2018 1
2018/06264	METHODS FOR TREATING HYPERLIPIDEMIA WITH AN ANGPTL8 INHIBITOR AND AN ANGPTL3 INHIBITOR	9/18/2018 1
2018/06272	RECOVERY OF METALS FROM CALCIUM-RICH MATERIALS	3/22/2016 1
2018/06286	METHOD OF MAKING TREATMENT FOR SNAKE ENVENOMATION	9/19/2018 1
2018/06287	A FINANCIAL TRANSACTION CARD	9/19/2018 1
2018/06289	LOCKING ARRANGEMENT FOR A HAND TOOL	9/19/2018 1
2018/06295	CELL CULTURE PROCESS	9/19/2018 1

Application Number	Patent Title	Filing Date
2018/06306	PROCESS AND SYSTEM FOR REDUCING RINGING IN LIME KILNS	9/20/2018 1
2018/06312	FULLY-INTEGRATED PRESSURELESS FLOW-CONTROL MODULE	9/20/2018 1
2018/06313	A FIREARM	9/20/2018 1
2018/06317	GRAY CAST IRON INOCULANT	9/20/2018 1
2018/06324	BRAZING SHEET	9/20/2018 1
2018/06345	SINGLE VALVE FOR GAS GRILL WITH MULTIPLE BURNERS	9/21/2018 1
2018/06357	PROTEIN BASED EXCIPIENT FOR ACTIVE PHARMACEUTICAL INGREDIENTS	9/21/2018 1
2018/06381	MIXER, SYSTEM FOR APPLYING A BUILDING MATERIAL AND METHOD FOR PRODUCING A STRUCTURE FROM BUILDING MATERIAL	9/25/2018 1
2018/06382	LIQUID FILTER ARRANGEMENT AND METHODS	9/25/2018 1
2018/06384	METHOD AND APPARATUS FOR ENERGY CONVERSION	9/25/2018 1
2018/06395	TRANSFER PRESS HAVING A C-SHAPED RAM	9/26/2018 1
2018/06400	METHOD OF PRODUCING HEMICELLULOSE EXTRACTS	9/26/2018 1
2018/06415	METHOD OF PRODUCING FATTY ACIDS	9/26/2018 1
2018/06417	FILTER ELEMENT HAVING INNER SUPPORT AND METHODS	9/26/2018 1
2018/06418	METHODS AND COMPOSITIONS FOR THE DETECTION AND DIAGNOSIS OF RENAL DISEASE AND PERIODONTAL DISEASE	9/26/2018 1
2018/06430	PROCESS, APPARATUS, CONTROLLER AND SYSTEM FOR PRODUCING PETROLEUM PRODUCTS	9/27/2018 1
2018/06433	HERBICIDAL PYRIDAZINONE COMPOUNDS	9/27/2018 1
2018/06453	DISC BRAKE AND BRAKE PAD SET	9/27/2018 1
2018/06462	TOILET CONTAINER	9/28/2018 1
2018/06465	SHELF CLIP FOR DISPLAYING INFORMATION LABELS	9/28/2018 1
2018/06472	MECHANICAL SYSTEM FOR CAPTURING AND TRANSFORMING POLLUTANT GASES AND AIR PURIFICATION METHOD	9/28/2018 1
2018/06474	VOLUMETRIC AND GRAVIMETRIC FILL STATE FOR PRODUCING A GAS MIXTURE	9/28/2018 1
2018/06485	MANUAL LIFT SYSTEM FOR BED POWER ASSIST WHEEL	9/28/2018 1
2018/06497	PERSONAL PROTECTION SYSTEM WITH RF TIME-OF-FLIGHT RANGING	10/1/2018 1

Application Number	Patent Title	Filing Date
2018/06500	ALTERNATIVE TO METALLISED PAPER AND FOIL/FILM/PAPER LAMINATES FOR THE WRAPPING OF MARGARINE AND BUTTER PRODUCTS	10/1/2018 1
2018/06503	TREATMENT OF CANINE ATOPIC DERMATITIS	10/1/2018 1
2018/06507	PHOTOVOLTAIC ROOF TILE HAVING A LENGTH-ADJUSTABLE CURRENT LINE	10/1/2018 1
2018/06508	DIRECT INFRARED ANALYSIS OF POST-TRANSLATIONAL MODIFICATION OF PROTEINS	10/1/2018 1
2018/06527	PHARMACEUTICAL COMPOSITION COMPRISING VILDAGLIPTIN AND METFORMIN AND METHOD OF PREPARATION THEREOF	10/2/2018 1
2018/06528	SELECTIVE CURING ADDITIVE MANUFACTURING METHOD	10/2/2018 1
2018/06530	PHOSPHAPLATIN LIQUID FORMULATIONS	10/2/2018 1
2018/06531	METHOD FOR PRODUCING A DRY STRENGTHENING AGENT CONSISTING OF GLYOXALATED POLYACRYLAMIDE	10/2/2018 1
2018/06536	TURBINE GENERATOR DEVICE FOR PRODUCING ELECTRICAL ENERGY AND ASSOCIATED METHODS OF OPERATION AND INSTALLATION	10/2/2018 1
2018/06557	METHODS FOR TREATING PATIENTS WITH FAMILIAL HYPERCHOLESTEROLEMIA	10/3/2018 1
2018/06558	A METHOD OF OPERATING AN EBULLATED BED PROCESS TO REDUCE SEDIMENT YIELD	10/3/2018 1
2018/06562	NETWORK INTERACTIVE SYSTEM FOR SELECTING OBJECT FOR SALE	10/3/2018 1
2018/06586	A SYNTHETIC ZEOLITE COMPRISING A CATALYTIC METAL	10/4/2018 1
2018/06587	HEATER ASSEMBLY FOR AN AEROSOL-GENERATING SYSTEM	10/4/2018 1
2018/06590	RESIDENTIAL CONCEALED SPRINKLER	10/4/2018 1
2018/06591	DRIVER GUIDANCE FOR GUIDED MANEUVERING	10/4/2018 1
2018/06600	INDIRECT BAND GAP LIGHT EMITTING DEVICE	10/4/2018 1
2018/06601	METHYL AND OCTYL TIN - REACH COMPLIANT HIGH PERFORMANCE STABILIZER FOR PVC FILM MANUFACTURE	10/4/2018 1
2018/06628	OLIGONUCLEOTIDES TO TREAT EYE DISEASE	10/5/2018 1

Application Number	Patent Title	Filing Date
2018/06637	GLUCAGON AND GLP-1 CO-AGONISTS FOR THE TREATMENT OF OBESITY	10/5/2018 1
2018/06638	PRESSURE POD FOR HAEMODIALYSIS MEDICAL LINES	10/5/2018 1
2018/06665	A SYSTEM AND METHOD TO AUTOMATICALLY GENERATE VALUABLE CUTTING PLANS FOR A ROUGH GEMSTONE	10/8/2018 1
2018/06666	AZIMUTHAL AND ELEVATION ROTATION MECHANISM FOR A SOLAR TRACKER	10/8/2018 1
2018/06669	IMPROVED DRAGLINE BUCKET RIGGING SYSTEM	10/8/2018 1
2018/06672	AUDIO ENCODER FOR ENCODING AN AUDIO SIGNAL, METHOD FOR ENCODING AN AUDIO SIGNAL AND COMPUTER PROGRAM UNDER CONSIDERATION OF A DETECTED PEAK SPECTRAL REGION IN AN UPPER FREQUENCY BAND	10/8/2018 1
2018/06681	MAGNESIUM LACTATE FERMENTATION PROCESS	10/8/2018 1
2018/06692	A METHOD AND A SYSTEM FOR NOTIFYING A USER ABOUT AN ESTIMATED TIME OF CONSUMPTION OF A PRODUCT	10/8/2018 1
2018/06703	AN EBULLATED BED PROCESS FOR HIGH CONVERSION OF HEAVY HYDROCARBONS WITH A LOW SEDIMENT YIELD	10/9/2018 1
2018/06704	AN EBULLATED BED PROCESS FOR HIGH CONVERSION OF HEAVY HYDROCARBONS WITH A LOW SEDIMENT YIELD	10/9/2018 1
2018/06706	A CONNECTOR FOR JOINING BARS	10/9/2018 1
2018/06707	METHOD FOR PRODUCING A TWIP STEEL SHEET HAVING AN AUSTENITIC MICROSTRUCTURE	10/9/2018 1
2018/06737	ON-LOAD TAP CHANGER HEAD AND ON-LOAD TAP CHANGER HAVING AN ON-LOAD TAP CHANGER HEAD	10/10/2018
2018/06740	METHOD FOR SEPARATING AND PURIFYING MOGROSIDE V BY MEANS OF SUBCRITICAL HYDROLYTIC ADSORPTION TECHNOLOGY	10/10/2018
2018/06758	IMPROVEMENTS RELATING TO CENTRIFUGAL PUMP IMPELLERS	10/11/2018
2018/06760	A COUPLING	10/11/2018
2018/06762	PONTOON SCAFFOLDING ARRANGEMENT AND RELATED METHOD OF ASSEMBLY	10/11/2018

Application Number	Patent Title	Filing Date
2018/06764	AN ELECTRICALLY OPERATED AEROSOL-GENERATING SYSTEM WITH A RECHARGEABLE POWER SUPPLY	10/11/2018
2018/06765	NICOTINE INHALER SYSTEM	10/11/2018
2018/06772	DUAL LEO SATELLITE SYSTEM AND METHOD FOR GLOBAL COVERAGE	10/11/2018
2018/06790	UTILITIES TRANSFER	10/12/2018
2018/06796	GRANULATE COMPRISING AN INORGANIC SOLID CARRIER WITH AT LEAST ONE BIOSURFACTANT CONTAINED THEREON	10/12/2018
2018/06800	METAL ONE PIECE LOCKING SLIDE AND PULL FOR SLIDE FASTENER	10/12/2018
2018/06804	FORMULATION SYSTEMS FOR ANTIMICROBIAL GLYCOLIPIDS	10/12/2018
2018/06816	VIBRATION-DAMPING STRUCTURE FOR DROPPED CEILING SYSTEM	4/22/2016 1
2018/06845	ROTARY MIXING SYSTEM	10/15/2018
2018/06847	PANEL HOLDER FOR FASTENING A PANEL TO A HOUSING FRAME OF A SWITCHGEAR CABINET, AND CORRESPONDING SWITCHGEAR CABINET	10/15/2018
2018/06848	NICOTINE PARTICLE DELIVERY CONSUMABLE	10/15/2018
2018/06849	ACETYL-LEUCINE OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF FOR IMPROVED MOBILITY AND COGNITIVE FUNCTION	10/15/2018
2018/06851	A SHARK BARRIER	10/15/2018
2018/06856	ELASTOMER SANDWICH SYSTEMS AND METAL COMPOSITE ELEMENTS	10/15/2018
2018/06859	UNIT FOR PREPARING AT LEAST ONE SOLUTION OF CONCENTRATES FOR HAEMODIALYSIS AND METHOD FOR PREPARING SAID SOLUTION	10/15/2018
2018/06871	METHOD AND DEVICE FOR WIRELESS COMMUNICATION	10/15/2018
2018/06872	MARINE DNA POLYMERASES	10/15/2018
2018/06886	SMART HEATER CONTROL FOR AN AIR DRYER	10/16/2018
2018/06887	SEED INJECTION	10/16/2018
2018/06889	PRESS OPERATOR TARGET, LMD STANDARD AND COLOUR PROOF ASSEMBLY	10/16/2018
2018/06897	PROCESS FOR THE REMOVAL OF HEAVY METALS FROM FLUIDS	10/16/2018
2018/06949	NICOTINE PARTICLES AND COMPOSITIONS	10/18/2018
2018/06955	SULFUR DIOXIDE REMOVAL FROM WASTE GAS	10/18/2018

Application Number	Patent Title	Filing Date
2018/07006	CRYSTAL POLYMORPHISM OF KCNQ 2-5 CHANNEL ACTIVATOR	10/19/2018
2018/07018	AN UNDERWATER PHOTOGRAPHY ACCESSORY FOR MOBILE COMMUNICATION DEVICES	10/22/2018
2018/07047	RECONSTITUTABLE AND WATER SOLUBLE CHIA PRODUCT AND RELATED METHOD OF MANUFACTURE	10/23/2018
2018/07050	COMBINATION OF ANTI-PD-1 ANTIBODIES AND RADIATION TO TREAT CANCER	10/23/2018
2018/07053	POLYMER COMPOSITIONS FOR FLAME RETARDANCY AND/OR IMPROVED MELT DRIPPING PROPERTIES	10/23/2018
2018/07062	VALVED CONNECTOR FOR MEDICAL LINES	10/23/2018
2018/07078	LATCHING PNEUMATIC CONTROL VALVE	10/24/2018
2018/07079	CD200 MUTANT AND ITS USES	10/24/2018
2018/07080	NICOTINE PARTICLES	10/24/2018
2018/07116	METHOD FOR PRODUCING HIGH-ACTIVITY LIGNIN AND BY-PRODUCT OF FURFURAL AND APPLICATION THEREOF	10/25/2018
2018/07131	AN INTRAOSSEOUS DEVICE	10/25/2018
2018/07135	IMAGING DEVICE FOR ASSESSING SUNSCREEN COVERAGE	10/25/2018
2018/07140	FUSION PROTEIN COMPRISING CCL3 VARIANT AND USE THEREOF CROSS-REFERENCE TO RELATED APPLICATIONS	10/25/2018
2018/07154	A SYSTEM AND METHOD FOR MANAGING AN INSURANCE PLAN	10/26/2018
2018/07173	PANEL FOR ACCOMMODATING A DRAW-OUT DEVICE	10/26/2018
2018/07180	TREATMENT METHOD FOR RESOURCE RECYCLING OF HEXAVALENT CHROMIUM-CONTAINING RESIDUES	10/26/2018
2018/07190	THREAT DETECTION METHOD AND SYSTEM	10/26/2018
2018/07205	FIBER REINFORCED POLYPROPYLENE COMPOSITE	10/29/2018
2018/07208	APREMILAST PHARMACEUTICAL COMPOSITIONS	10/29/2018
2018/07234	DOLLY	10/30/2018
2018/07236	RECLAIMING DRUM HAVING INTERCHANGEABLE RECTANGULAR AND V-SHAPED PADDLES	10/30/2018
2018/07239	METHOD FOR PREPARING	10/30/2018

Application Number	Patent Title	Filing Date
	AZOXYSTROBIN	
2018/07240	METHOD FOR PREPARING AZOXYSTROBIN INTERMEDIATES	10/30/2018
2018/07241	TWO STAGE THERMAL CRACKING PROCESS WITH MULTISTAGE SEPARATION SYSTEM	10/30/2018
2018/07242	AN INTEGRATED FLUID CATALYTIC CRACKING AND OXIDATIVE PROPANE DEHYDROGENATION PROCESS	10/30/2018
2018/07259	INVERSE CLASS-F POWER AMPLIFIER	10/30/2018
2018/07271	A CLOSURE WITH FOAMED REGION AND METHOD OF FORMING SAID CLOSURE	10/30/2018
2018/07284	SELF-LOCKING TERMINAL FOR ELECTRICAL CONNECTION	10/31/2018
2018/07290	SIGNAL TRANSMISSION METHOD, NETWORK DEVICE, AND TERMINAL DEVICE	10/31/2018
2018/07327	SYSTEMS AND METHODS FOR PROVIDING A VISUALIZABLE RESULTS LIST	11/1/2018 1
2018/07351	NOVEL GPR119 AGONIST COMPOUNDS	11/2/2018 1
2018/07385	SPOUT ASSEMBLY	11/5/2018 1
2018/07386	ARC CHUTE	11/5/2018 1
2018/07387	A BASE FOR A FENCE POST	11/5/2018 1
2018/07403	ROBOTIC AGRICULTURAL SYSTEM AND METHOD	11/5/2018 1
2018/07424	INSTANT MESSAGING BROADCAST SYSTEM	11/6/2018 1
2018/07425	SIM SWAP FRAUD PREVENTION	11/6/2018 1
2018/07432	A RIFLE AND A FORESTOCK FOR A RIFLE WITH BIPOD	11/6/2018 1
2018/07433	PLASTIC MESH HAVING DOUBLE CHAINS, AND DEVICE FOR PRODUCING A PLASTIC MESH	11/6/2018 1
2018/07458	ANCHOR TESTING APPARATUS	11/7/2018 1
2018/07474	COMMUNICATION DEVICE AND COMMUNICATION METHOD	11/7/2018 1
2018/07493	MOBILE WASH BAY	11/8/2018 1
2018/07507	PREFABRICATED STRUCTURAL BUILDING PANEL	11/8/2018 1
2018/07540	PLANT REGULATORY ELEMENTS AND USES THEREOF	11/9/2018 1
2018/07568	A SYSTEM OF MANAGING ASSETS AND A METHOD THEREOF	11/12/2018
2018/07597	A PROCESS FOR RECOVERING GOLD FROM ORES	11/12/2018
2018/07609	SYSTEMS AND METHODS FOR DYNAMICALLY IDENTIFYING AND PRESENTING MATCHING USER PROFILES TO A USER	11/13/2018

Application Number	Patent Title	Filing Date
2018/07612	MIMO ANTENNA ADAPTOR FOR MOBILE DEVICE	11/13/2018
2018/07635	HOST BIOMARKERS FOR IMMUNODIAGNOSIS AND MONITORING OF TUBERCULOSIS DISEASE	11/13/2018
2018/07646	EXHAUST ASSEMBLY	11/14/2018
2018/07673	SECURITY SYSTEM AND METHOD	11/15/2018
2018/07675	EMERGENCY LIGHTING	11/15/2018
2018/07681	METHOD OF OPERATION OF A FAIL-SAFE SOLID STATE RELAY	11/15/2018
2018/07683	MEASUREMENT SYSTEM AND METHOD FOR CHARACTERIZING TISSUE	11/15/2018
2018/07717	SAFETY DEVICE	11/16/2018
2018/07720	TOOTHBRUSH ACCESSORY	11/16/2018
2018/07721	METHOD AND SYSTEM FOR ACHIEVING AUTO-ADAPTIVE CLUSTERING IN A SENSOR NETWORK	11/16/2018
2018/07759	A METHOD AND A SYSTEM FOR PRODUCTION OF HIGH MOLECULAR WEIGHT LIGNIN	11/19/2018
2018/07777	OXIDIZING AGENT INJECTION EQUIPMENT FOR UNDERGROUND COAL GASIFICATION PROCESS AND APPLICATION THEREOF	11/19/2018
2018/07818	DEVICE FOR REMOVING CATALYST AND OTHER MATERIAL FROM REFINERY AND PETROCHEMICAL REACTORS AND OTHER VESSELS	11/20/2018
2018/07847	METHOD OF IDENTIFYING A PERPETRATOR AND APPARATUS FOR USE IN SUCH A METHOD	11/21/2018
2018/07850	SYSTEM AND METHOD FOR MEASURING MOTOR BEARINGS CONSUMPTION OF RAILWAY VEHICLES	11/21/2018
2018/07854	MONOCLONAL ANTIBODY SPECIFIC FOR GAMMA-GLUTAMYL-L-EPSILON-LYSINE FOR THE MONITORING OF APOPTOSIS	11/21/2018
2018/07855	COMBINATIONS COMPRISING HISTONE DEACETYLASE INHIBITORS	11/21/2018
2018/07859	METHOD AND APPRATUS FOR RRC STATE CONTROL	11/21/2018
2018/07923	INFERIOR VENA CAVA FILTER	11/23/2018
2018/07925	IMPULSE-TYPE HYDRO TURBINE	11/23/2018
2018/07931	METHOD, DEVICE AND USE FOR THE DEVICE FOR QUANTITIVELY DETERMINING THE CONCENTRATION OR PARTICLE SIZE OF A	11/23/2018

Application Number	Patent Title	Filing Date
	COMPONENT OF A HETEROGENEOUS MATERIAL MIXTURE	
2018/08001	FEMININE HYGIENE DEVICE	11/27/2018
2018/08027	CONTROL SYSTEM	11/28/2018
2018/08028	MOTOR ASSEMBLY	11/28/2018
2018/08029	A LOCK	11/28/2018
2018/08030	A LOCK	11/28/2018
2018/08036	BAG OR SACK-LIKE PACKAGING	11/28/2018
2018/08047	A FRAME ASSEMBLY	11/28/2018
2018/08091	ELECTRONIC VAPING DEVICE, BATTERY SECTION, AND CHARGER	11/29/2018
2018/08099	SMALL MOLECULE MODULATORS OF PANTOTHENATE KINASES	11/29/2018
2018/08117	METHOD OF DETERMINING AUTOPHAGOSOME FLUX AND USES THEREOF	11/30/2018
2018/08119	METHOD AND DEVICE FOR PRODUCING AN ELECTRONIC HEALTH RECORD FROM PAPER	11/30/2018
2018/08152	VOLTAGE TRANSFORMER	12/3/2018 1
2018/08153	ENDODONTIC DEVICE	12/3/2018 1
2018/08169	DEVICE FOR DISPENSING A FLUID PRODUCT	12/4/2018 1
2018/08185	RECEIVING PLATE WITH MAGNETIC BASE FOR SUPER CLEAN BENCH	12/4/2018 1
2018/08188	TEST TUBE STAND AND RECEIVING PLATE UNIT WITH MAGNETIC BASE USED FOR SUPER CLEAN BENCH	12/4/2018 1
2018/08189	STORAGE TRAY AND PIPETTOR STAND HAVING A MAGNETIC BASE FOR CLEAN BENCH	12/4/2018 1
2018/08190	STORAGE TRAY AND SYRINGE STAND HAVING A MAGNETIC BASE FOR CLEAN BENCH	12/4/2018 1
2018/08191	STERILIZATION TRAY AND STORAGE TRAY HAVING A MAGNETIC BASE FOR CLEAN BENCH	12/4/2018 1
2018/08192	UNBALANCED LOAD-PREVENTION AND ANTI-WINDING DEVICE FOR USE WITH PULSATOR WASHING MACHINE	12/4/2018 1
2018/08193	METHOD FOR USING UNBALANCED-LOAD AND TANGLING PREVENTER FOR PULSATOR WASHING OF DIFFERENT DRUM DIAMETERS	12/4/2018 1
2018/08205	GARMENT, ESPECIALLY SPORTS GARMENT	12/5/2018 1
2018/08211	APPARATUS AND METHOD FOR VACUUM DEPOSITION	12/5/2018 1
2018/08227	A SECURITY SYSTEM	12/6/2018 1
2018/08235	MULTISTAGE OSMOTICALLY ASSISTED REVERSE OSMOSIS	12/6/2018 1

Application Number	Patent Title	Filing Date
	SYSTEM AND METHOD	
2018/08237	A SOLAR REACTIVE MULCH FILM	12/6/2018 1
2018/08271	SUPER CLEAN BENCH-USED CONTAINING DISK AND PIPETTE STAND WITH MAGNET BASE	12/7/2018 1
2018/08275	GLYCOPROTEIN WITH REDUCED ACETYLATION RATE OF SIALIC ACID RESIDUES	12/7/2018 1
2018/08278	KEY WALLET BUTTERFLY TYPE	12/7/2018 1
2018/08280	CRUDE STEROL AS AN ADDITIVE IN ASPHALT BINDER	12/7/2018 1
2018/08296	GYPSUM SLURRIES WITH LINEAR POLYCARBOXYLATE DISPERSANTS	12/7/2018 1
2018/08310	LIFT SYSTEM	12/10/2018
2018/08322	CANNON TURRET COMPRISING AT LEAST ONE AMMUNITION MAGAZINE, AND AMMUNITION CONTAINER FOR SUPPLYING A MAGAZINE OF SAID TYPE	12/10/2018
2018/08346	A COBALT-CONTAINING CATALYST COMPOSITION	12/11/2018
2018/08369	METHOD OF REMOVING DYES IN WASTEWATER	12/11/2018
2018/08373	SCREENING FOR AND MONITORING A CONDITION	12/11/2018
2018/08413	MODIFICATION OF PHOSPHOGYPSUM AND IMPROVED RECOVERY OF RARE EARTH ELEMENTS	12/13/2018
2018/08472	RECHARGEABLE DEVICES AND KIOSKS FOR SAME	12/14/2018
2018/08475	SCRAPER WINCH	12/14/2018
2018/08482	SYNTHETIC FIBER CABLE	12/14/2018
2018/08483	USE OF 9-TRICOSENE TO CONTROL DROSOPHILA SUZUKII	12/14/2018
2018/08484	SENSING SYSTEM FOR NUMERICAL REPRESENTATION	12/14/2018
2018/08519	DEVICE FOR LOCKING A SHELL AND STRETCHER COMPRISING SUCH A LOCKING DEVICE	12/18/2018
2018/08546	UNIVERSAL REMOTE CONTROL SWITCH BOX	12/19/2018
2018/08554	SYSTEMS AND METHODS FOR TREATING A WOUND WITH A WOUND PACKING	12/19/2018
2018/08555	A CONTAINER OPENING DEVICE, A CLOSURE ARRANGEMENT FOR A CONTAINER, AND A CONTAINER	12/19/2018
2018/08556	EASILY STORED TWISTING-REDUCING AND ANTI-UNBALANCED LOAD DEVICE FOR USE IN WASHING MACHINE	12/19/2018

Application Number	Patent Title	Filing Date
2018/08557	METHOD FOR USING EASILY STORED TANGLE-REDUCING AND UNBALANCED LOAD-PREVENTION DEVICE HAVING ADJUSTABLE DIAMETER AND BEING USED WITH WASHING MACHINE	12/19/2018
2018/08596	DIESEL PARTICULATE FILTER THERMAL MANAGEMENT SYSTEM	12/20/2018
2018/08605	METHOD AND DEVICE FOR ONLINE DETERMINATION OF THE VISCOSITY OF A POLYMER	12/20/2018
2018/08617	CONVEYOR SYSTEM AND METHOD FOR REMOVING SLACK IN CONVEYOR	12/20/2018
2019/01910	THERAPEUTIC PROTEIN-LOADED NANOPARTICLE AND METHOD FOR PREPARING THE SAME	1/19/2017 1

DESIGNS

Advertisement List for July 2019

Number of Advertised Designs: 263

Application Number	Design Articles	Filing Date
A2016/01124	FOOD TRUCK	8/5/2016 12
A2016/01306	Electronic Smoking Device	9/8/2016 12
A2017/01373	SIDE OPENING MOUTH 90 DEGREES	8/28/2017 1
A2017/01438	FURNISHING GOODS IN PARTICULAR THE TEXTILE COMPONENTS OF FURNITURE AND MADE UP TEXTILE GOODS	9/5/2017 12
A2017/01439	FURNISHING GOODS IN PARTICULAR THE TEXTILE COMPONENTS OF FURNITURE AND MADE UP TEXTILE GOODS	9/5/2017 12
A2017/01440	FURNISHING GOODS IN PARTICULAR THE TEXTILE COMPONENTS OF FURNITURE AND MADE UP TEXTILE GOODS	9/5/2017 12
A2017/01910	Electricity Generating Assembly	12/4/2017 1
A2017/01936	Ship	12/7/2017 1
A2017/02024	MOTOR VEHICLES	12/20/2017
A2018/00171	CONTAINERS	2/7/2018 12
A2018/00172	CONTAINERS	2/7/2018 12
A2018/00173	CONTAINERS	2/7/2018 12

Application Number	Design Articles	Filing Date
A2018/00174	CONTAINERS	2/7/2018 12
A2018/00175	CONTAINERS	2/7/2018 12
A2018/00177	CONTAINERS	2/7/2018 12
A2018/00179	CONTAINERS	2/7/2018 12
A2018/00262	SANITARY TOWELS	2/21/2018 1
A2018/00497	SURFACE PATTERNS	4/3/2018 12
A2018/00498	SURFACE PATTERNS	4/3/2018 12
A2018/00499	SURFACE PATTERNS	4/3/2018 12
A2018/00500	SURFACE PATTERNS	4/3/2018 12
A2018/00501	SURFACE PATTERNS	4/3/2018 12
A2018/00534	FOOTWEAR	4/9/2018 12
A2018/00589	COVERS	4/19/2018 1
A2018/00627	AEROSOL GENERATING DEVICES	4/24/2018 1
A2018/00628	AEROSOL GENERATING DEVICES	4/24/2018 1
A2018/00629	AEROSOL GENERATING DEVICES	4/24/2018 1
A2018/00630	AEROSOL GENERATING DEVICES	4/24/2018 1
A2018/00703	DISPENSERS	5/10/2018 1
A2018/00718	ORAL CARE IMPLEMENTS	5/15/2018 1
A2018/00719	ORAL CARE IMPLEMENTS	5/15/2018 1
A2018/00720	ORAL CARE IMPLEMENTS	5/15/2018 1
A2018/00721	CONTAINERS	5/15/2018 1
A2018/00735	ORAL CARE IMPLEMENTS	5/16/2018 1
A2018/00736	ORAL CARE IMPLEMENTS	5/16/2018 1
A2018/00737	ORAL CARE IMPLEMENTS	5/16/2018 1
A2018/00738	ORAL CARE IMPLEMENTS	5/16/2018 1
A2018/00739	ORAL CARE IMPLEMENTS	5/16/2018 1
A2018/00740	ORAL CARE IMPLEMENTS	5/16/2018 1
A2018/00741	PARTS OF ORAL CARE IMPLEMENTS	5/16/2018 1
A2018/00742	PARTS OF ORAL CARE IMPLEMENTS	5/16/2018 1
A2018/00743	PARTS OF ORAL CARE IMPLEMENTS	5/16/2018 1
A2018/01109	MIXERS	7/23/2018 1
A2018/01110	MIXERS	7/23/2018 1
A2018/01111	BATHS	7/23/2018 1
A2018/01112	SHOWERS	7/23/2018 1
A2018/01113	MIXERS	7/23/2018 1
A2018/01114	SHOWERS	7/23/2018 1
A2018/01115	BASINS	7/23/2018 1
A2018/01116	BASINS	7/23/2018 1
A2018/01117	BASINS	7/23/2018 1
A2018/01118	BATHS	7/23/2018 1
A2018/01119	BASINS	7/23/2018 1
A2018/01151	BOTTLES	7/24/2018 1
A2018/01155	TIRES	7/25/2018 1
A2018/01156	TIRES	7/25/2018 1
A2018/01157	HANDLES FOR HAND IMPLEMENTS OR CUTTING TOOLS	7/25/2018 1
A2018/01159	HANDLES FOR HAND IMPLEMENTS OR CUTTING TOOLS	7/25/2018 1

Application Number	Design Articles	Filing Date
A2018/01169	LOGOS	7/27/2018 1
A2018/01170	LOGOS	7/27/2018 1
A2018/01171	LOGOS	7/27/2018 1
A2018/01172	LOGOS	7/27/2018 1
A2018/01173	LOGOS	7/27/2018 1
A2018/01197	LITTLE BLACK GLOVES	8/1/2018 12
A2018/01203	Massaging Device	8/1/2018 12
A2018/01204	Massaging Device	8/1/2018 12
A2018/01206	Vehicle	8/2/2018 12
A2018/01207	Tire for an Automobile	8/2/2018 12
A2018/01208	Vehicle	8/2/2018 12
A2018/01209	Dashboard of a Vehicle	8/2/2018 12
A2018/01210	Vehicle Interior	8/2/2018 12
A2018/01211	Vehicle Interior	8/2/2018 12
A2018/01212	Seat of a Vehicle	8/2/2018 12
A2018/01213	Seat of a Vehicle	8/2/2018 12
A2018/01214	Seat of a Vehicle	8/2/2018 12
A2018/01220	Wheel	8/10/2018 1
A2018/01221	Wheel	8/10/2018 1
A2018/01222	Massager	8/10/2018 1
A2018/01227	MOTOR VEHICLES	8/10/2018 1
A2018/01228	TEMPLATES	8/10/2018 1
A2018/01235	Power Generation and Storage Device	8/10/2018 1
A2018/01236	MOTOR VEHICLES	8/10/2018 1
A2018/01255	Toy Steering Wheel	8/14/2018 1
A2018/01276	SCREEN DISPLAY	8/17/2018 1
A2018/01283	A BILLIARD TABLE	8/21/2018 1
A2018/01303	Watch Case and Watch Bezel	8/22/2018 1
A2018/01304	Watch case, bezel, and crown	8/22/2018 1
A2018/01305	Watch case	8/22/2018 1
A2018/01306	Watch	8/22/2018 1
A2018/01307	Watch	8/22/2018 1
A2018/01308	Watch	8/22/2018 1
A2018/01310	Watch Dial	8/22/2018 1
A2018/01311	Watch Dial	8/22/2018 1
A2018/01312	Watch Dial	8/22/2018 1
A2018/01313	Watch Dial	8/22/2018 1
A2018/01314	Watch Dial	8/22/2018 1
A2018/01315	Watch Dial	8/22/2018 1
A2018/01330	TRANSMISSIONS	8/24/2018 1
A2018/01336	RAZOR HANDLES	8/27/2018 1
A2018/01337	RAZORS	8/27/2018 1
A2018/01340	Ready Board Extender Unit	7/31/2018 1
A2018/01341	Case	8/28/2018 1
A2018/01342	Case	8/28/2018 1
A2018/01343	Case	8/28/2018 1
A2018/01344	Case	8/28/2018 1
A2018/01345	Case	8/28/2018 1
A2018/01346	Case	8/28/2018 1
A2018/01347	Case	8/28/2018 1

Application Number	Design Articles	Filing Date
A2018/01348	Case	8/28/2018 1
A2018/01349	Case	8/28/2018 1
A2018/01350	Case	8/28/2018 1
A2018/01351	Case	8/28/2018 1
A2018/01352	Case	8/28/2018 1
A2018/01353	Case	8/28/2018 1
A2018/01354	Case	8/28/2018 1
A2018/01355	Case	8/28/2018 1
A2018/01356	Case	8/28/2018 1
A2018/01357	Case	8/28/2018 1
A2018/01358	Case	8/28/2018 1
A2018/01359	Case	8/28/2018 1
A2018/01362	DOUBLE HOOKS	8/29/2018 1
A2018/01363	DOUBLE HOOKS	8/29/2018 1
A2018/01364	DOUBLE HOOKS	8/29/2018 1
A2018/01365	DOUBLE HOOKS	8/29/2018 1
A2018/01366	DOUBLE HOOKS	8/29/2018 1
A2018/01367	DOUBLE HOOKS	8/29/2018 1
A2018/01368	Stands for Electronic Devices	8/29/2018 1
A2018/01370	Stands for Electronic Devices	8/29/2018 1
A2018/01372	GARLIC PRESS	8/30/2018 1
A2018/01377	Tray	8/31/2018 1
A2018/01412	WATER FILTER	9/11/2018 1
A2018/01431	BOTTLE	9/14/2018 1
A2018/01432	BOTTLE	9/14/2018 1
A2018/01446	A CAPSULE	9/19/2018 1
A2018/01448	A RECEPTACLE	9/19/2018 1
A2018/01469	A TRAP	9/25/2018 1
A2018/01482	THERMOMETER	9/27/2018 1
A2018/01483	THERMOMETER	9/27/2018 1
A2018/01484	THERMOMETER	9/27/2018 1
A2018/01518	MOTOR VEHICLE	10/1/2018 1
A2018/01528	CURVIFY JEANS	10/3/2018 1
A2018/01530	SUPPORT PILLARS AND ROOF	10/3/2018 1
A2018/01531	SET OF SUPPORT PILLARS	10/3/2018 1
A2018/01533	ROOF PANEL	10/3/2018 1
A2018/01555	BACK BRUSH	10/9/2018 1
A2018/01567	A GRAPHICAL USER INTERFACE	10/15/2018
A2018/01568	A GRAPHICAL USER INTERFACE	10/15/2018
A2018/01570	A GRAPHICAL USER INTERFACE	10/16/2018
A2018/01573	A GRAPHICAL USER INTERFACE	10/16/2018
A2018/01574	A GRAPHICAL USER INTERFACE	10/16/2018
A2018/01575	A GRAPHICAL USER INTERFACE	10/16/2018
A2018/01576	A GRAPHICAL USER INTERFACE	10/16/2018
A2018/01577	A GRAPHICAL USER INTERFACE	10/16/2018
A2018/01581	A GRAPHICAL USER INTERFACE	10/16/2018
A2018/01594	A GRAPHICAL USER INTERFACE	10/17/2018
A2018/01595	A GRAPHICAL USER INTERFACE	10/17/2018
A2018/01596	A GRAPHICAL USER INTERFACE	10/17/2018
A2018/01597	A GRAPHICAL USER INTERFACE	10/17/2018

Application Number	Design Articles	Filing Date
A2018/01599	A GRAPHICAL USER INTERFACE	10/17/2018
A2018/01600	A GRAPHICAL USER INTERFACE	10/17/2018
A2018/01604	A GRAPHICAL USER INTERFACE	10/17/2018
A2018/01605	A GRAPHICAL USER INTERFACE	10/17/2018
A2018/01606	A GRAPHICAL USER INTERFACE	10/17/2018
A2018/01607	A GRAPHICAL USER INTERFACE	10/17/2018
A2018/01609	BOTTLE	10/18/2018
A2018/01611	SUPPORTS FOR TELEPHONES	10/18/2018
A2018/01612	SUPPORTS FOR TELEPHONES	10/18/2018
A2018/01614	ADJUSTABLE SWAY MORTAR PLATE	10/19/2018
A2018/01616	ADJUSTABLE SWAY MORTAR PLATE	10/19/2018
A2018/01618	ADJUSTABLE SWAY MORTAR PLATE SUPPORT	10/19/2018
A2018/01620	ADJUSTABLE SWAY MORTAR PLATE SUPPORT	10/19/2018
A2018/01622	GAME BALL SPINNER	10/19/2018
A2018/01623	GAME BALL SPINNER	10/19/2018
A2018/01624	GAME BALL SPINNER	10/19/2018
A2018/01629	A TILE	10/22/2018
A2018/01630	A TILE	10/22/2018
A2018/01631	A TILE	10/22/2018
A2018/01632	A TILE	10/22/2018
A2018/01637	CONTAINER	10/24/2018
A2018/01644	PRAYER CUSHION (FOLONKE)	10/24/2018
A2018/01650	CONTAINER CAP WITH PULL UP SPOUT	10/26/2018
A2018/01690	PIPE BEND	11/6/2018 1
A2018/01703	A REMOTE CONTROL	11/7/2018 1
A2018/01711	BOTTLE	11/9/2018 1
A2018/01712	BOTTLE	11/9/2018 1
A2018/01713	BOTTLE	11/9/2018 1
A2018/01714	BOTTLE	11/9/2018 1
A2018/01736	MIXER BOWL	11/12/2018
A2018/01737	EGG SEPARATOR	11/12/2018
A2018/01738	MIXER FUNNEL	11/12/2018
A2018/01739	A CORRUGATED HOUSING STRUCTURE	11/12/2018
A2018/01740	STAND MIXER	11/12/2018
A2018/01742	SPLASH GUARD	11/12/2018
A2018/01743	GRATER	11/12/2018
A2018/01745	HEAD CAP	11/13/2018
A2018/01750	MASK	11/13/2018
A2018/01751	A CAMPING STOVE	11/13/2018
A2018/01752	TYRE	11/13/2018
A2019/00041	Electronic Calculator	1/4/2019 12
F2016/01123	FOOD TRUCK	8/5/2016 12
F2016/01378	CONTAINER	9/16/2016 1
F2016/01379	SET OF CONTAINERS	9/16/2016 1
F2017/01602	STOVE	10/4/2017 1

Application Number	Design Articles	Filing Date
F2017/02066	Ready Board	12/21/2017
F2018/00581	Component of an Agricultural Ground Engaging Chain	4/18/2018 1
F2018/00696	PRESERVE JAR HOLDER	5/9/2018 12
F2018/00697	PRESERVE JAR HOLDER	5/9/2018 12
F2018/00813	A BAG CLOSURE	5/25/2018 1
F2018/00923	VEHICLE WHEEL SECURITY PROTECTION SHIELD	6/18/2018 1
F2018/00925	WINDSHIELD COVERS	6/18/2018 1
F2018/01158	HANDLES FOR HAND IMPLEMENTS OR CUTTING TOOLS	7/25/2018 1
F2018/01160	HANDLES FOR HAND IMPLEMENTS OR CUTTING TOOLS	7/25/2018 1
F2018/01163	Wooden Beams	7/25/2018 1
F2018/01200	A Ceiling Support Arrangement	8/1/2018 12
F2018/01224	A PROTECTIVE VISOR	8/7/2018 12
F2018/01229	TEMPLATES	8/10/2018 1
F2018/01234	BIKE GUARDS FOR BICYCLE TRANSPORT	8/10/2018 1
F2018/01256	FRAME COMPONENT PROFILE FOR A FRAME ARRANGEMENT	8/14/2018 1
F2018/01257	Bead Component Profile for a Frame Arrangement	8/14/2018 1
F2018/01267	FRYERS	8/16/2018 1
F2018/01279	FOLDABLE BIKE BOX	8/20/2018 1
F2018/01332	COUPLER FOLLOWER FOR SELECTIVE CUSHIONING UNIT	8/27/2018 1
F2018/01333	SELECTIVE CUSHIONING APPARATUS FOR A RAILWAY CAR	8/27/2018 1
F2018/01334	F-TYPE YOKE FOR A RAILWAY CAR CUSHIONING UNIT	8/27/2018 1
F2018/01335	A PAVING BRICK	8/27/2018 1
F2018/01369	Stands for Electronic Devices	8/29/2018 1
F2018/01376	Tray	8/31/2018 1
F2018/01397	RECTANGULAR STRUCTURE, FITTED WITH A CAMERA INCORPORATING FACIAL RECOGNITION SOFTWARE	9/7/2018 12
F2018/01413	WATER FILTER	9/11/2018 1
F2018/01425	CONTAINER	9/13/2018 1
F2018/01428	BED COVERS	9/14/2018 1
F2018/01445	A BARRIER	9/19/2018 1
F2018/01447	A CAPSULE	9/19/2018 1
F2018/01449	A RECEPTACLE	9/19/2018 1
F2018/01460	A PEG	9/21/2018 1
F2018/01470	A TRAP	9/25/2018 1
F2018/01511	A SET OF BRACKETS FOR SEATING FURNITURE	9/28/2018 1
F2018/01513	SHELF CLIP	9/28/2018 1
F2018/01532	SET OF SUPPORT PILLARS	10/3/2018 1
F2018/01534	ROOF PANEL	10/3/2018 1

Application Number	Design Articles	Filing Date
F2018/01546	BOX HOLE BARRIER WITH WATER DRAIN	10/9/2018 1
F2018/01552	A HELICOPTER EQUIPMENT STOWAGE KIT	10/11/2018
F2018/01566	SOLAR WATER HEATER	10/15/2018
F2018/01615	ADJUSTABLE SWAY MORTAR PLATE	10/19/2018
F2018/01617	ADJUSTABLE SWAY MORTAR PLATE	10/19/2018
F2018/01619	ADJUSTABLE SWAY MORTAR PLATE SUPPORT	10/19/2018
F2018/01621	ADJUSTABLE SWAY MORTAR PLATE SUPPORT	10/19/2018
F2018/01625	CARTRIDGE	10/22/2018
F2018/01626	CARTRIDGE	10/22/2018
F2018/01638	CONTAINER	10/24/2018
F2018/01639	BUILDING BLOCK	10/24/2018
F2018/01646	WATER HOSE FITTING	10/25/2018
F2018/01647	CURTAINS	10/25/2018
F2018/01666	BARBECUE	10/29/2018
F2018/01680	DOUGHNUT BED	11/1/2018 1
F2018/01691	PIPE BEND	11/6/2018 1
F2018/01710	A MATERIAL SEPARATION APPARATUS	11/9/2018 1
F2018/01744	APPLICATOR	11/12/2018
F2018/01746	APPLICATOR	11/12/2018
F2018/01747	APPLICATOR	11/12/2018
F2018/01753	A GAS DISPENSING STATION	11/14/2018
F2018/01755	GRASPING DEVICE	11/14/2018
F2018/01756	POT	11/14/2018