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2. PATENTS

PATENTS

APPLICATIONS FOR PATENTS

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THE PARTICULARS APPEAR IN THE FOLLOWING SEQUENCE:

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. **(43)** 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.

- APPLIED ON 2024/10/25 -

2024/08077 ~ Complete ~54:SYSTEMS AND METHODS FOR MANAGING ASSIGNMENTS OF TASKS FOR WORK MACHINES USING MACHINE LEARNING ~71:CATERPILLAR INC., 100 NE Adams Street – AB6450 Peoria, Illinois, 61629-6450, United States of America ~72: ANDREW S YUN;CAMERON T LANE;STEFAN J WULF~ 33:US ~31:63/355,410 ~32:24/06/2022;33:US ~31:17/936,462 ~32:29/09/2022

2024/08083 ~ Complete ~54:NOVEL ANTI-FGFR2 ANTIBODIES ~71:Hangzhou Zhongmeihuadong Pharmaceutical Co., Ltd., No.866, Moganshan Road, Gongshu District, HANGZHOU 310011, ZHEJIANG, CHINA (P.R.C.), People's Republic of China ~72: DU, Qinglin;HAN, Shuhua;PENG, Fei;YANG, Xueyan;ZHOU, Tiantian~ 33:IB ~31:2022/083269 ~32:28/03/2022

2024/08072 ~ Complete ~54:PYRIMIDINE COMPOUND, METHOD FOR PREPARING SAME, AND PHARMACEUTICAL USE THEREOF ~71:ASIERIS PHARMACEUTICALS (SHANGHAI) CO., LTD., 12F, Building 56, No.1000 Jinhai Road, City of Elite, Pudong New Area, Shanghai 201203, People's Republic of China;JIANGSU YAHONG MEDITECH CO., LTD., D-1009, New Drug Innovation Base, No. 1, Yaocheng Avenue, CMC Taizhou, Jiangsu, 225316, People's Republic of China ~72: MAOJIANG WU;QIAOLING SUN;TIELIN WANG;XIA SONG;ZHI MENG~ 33:CN ~31:202210472813.5 ~32:29/04/2022;33:CN ~31:202310079788.9 ~32:20/01/2023

2024/08078 ~ Complete ~54:PROCESS FOR THE PRODUCTION OF ESTETROL INTERMEDIATES ~71:Estetra SRL, Rue Saint-Georges 5, LIÈGE 4000, BELGIUM, Belgium ~72: CORNUT, Damien;DUBART, Amaury~ 33:EP ~31:22170139.4 ~32:26/04/2022;33:EP ~31:22216494.9 ~32:23/12/2022

2024/08075 ~ Complete ~54:METAL MATRIX COMPOSITE GRINDING BALL ~71:MAGOTTEAUX INTERNATIONAL S.A., Rue Adolphe Dumont, 4051, Vaux-sous-Chèvremont, Belgium ~72: MARC BABINEAU;MARC MERTENS;STÉPHANE DESILES~ 33:EP ~31:22182591.2 ~32:01/07/2022

2024/08066 ~ Complete ~54:ONE-COMPONENT SILANE-MODIFIED POLYETHER SEALANT AND PREPARATION METHOD THEREOF ~71:HENAN UNIVERSITY OF URBAN CONSTRUCTION, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: DONG Yingying;FENG Qiao;LI Guili;WANG Zongtao;ZHANG Chunmei;ZHAO Yaqi~

2024/08070 ~ Complete ~54:LADDER MOTOR PUMP SYSTEM ~71:CATERPILLAR INC., 100 NE Adams Street - AB6450, United States of America ~72: GERGES, Raymond B.;JACKSON, Michael T.~ 33:US ~31:17/733,832 ~32:29/04/2022

2024/08074 ~ Complete ~54:COMPRESSION MOULDING DEVICE AND METHOD ~71:SACMI COOPERATIVA MECCANICI IMOLA SOCIETÀ COOPERATIVA, Via Selice Provinciale 17/A, 40026, Imola (Bologna), Italy ~72: DAVIDE ZANOTTI;ELEONORA BALDUCCI;FABRIZIO PUCCI;FIORENZO PARRINELLO;FRANCESCO PIRAZZOLI;GIOVANNI MAZZOTTI~ 33:IT ~31:102022000010850 ~32:25/05/2022

2024/08076 ~ Complete ~54:AZA-TETRACYCLIC OXAZEPINE COMPOUNDS AND USES THEREOF ~71:GENENTECH, INC., 1 DNA Way, South San Francisco, California, 94080-4990, United States of America ~72: BINQING WEI;CHRISTIAN NILEWSKI;ELISIA VILLEMURE;LEWIS JOHN GAZZARD;MATTHEW LEO LANDRY;MELISSA ANN ASHLEY;MICHAEL SIU;SAMANTHA ALYSON GREEN;STEVEN DO;YONG WANG~ 33:US ~31:63/343,959 ~32:19/05/2022

2024/08233 ~ Provisional ~54:ECO-FARM POD ~71:Phindile Msomi, 11 Sonia Street, South Africa ~72: PHINDILE MSOMI~ 33:ZA ~31:1 ~32:01/10/2024

2024/08067 ~ Complete ~54:BANANA PANAMA DISEASE DRUG SPRAY FORMULA AND CONTROL METHOD THEREOF ~71:Dazhuo Yang, Room 404, Unit 1, Building 2, No. 2, Renmin Street, Qianshan Town, Xuwen County, Zhanjiang City, Guangdong Province, People's Republic of China ~72: Dazhuo Yang~ 33:CN ~31:2024108056263 ~32:21/06/2024

2024/08071 ~ Complete ~54:ARTICLES OF MANUFACTURE RELATING TO IC MODULES AND SMART CARDS ~71:SMARTFLEX TECHNOLOGY PTE LTD, 37A Tampines Street 92, #03-01, Singapore ~72: NG, Eng Seng;PANG, Sze Yong~ 33:US ~31:63/491,732 ~32:22/03/2023

2024/08082 ~ Complete ~54:PREPARATIONS CONTAINING ANTI-CLAUDIN18.2/CD3 BISPECIFIC ANTIBODY, PREPARATION METHOD THEREFOR AND USE THEREOF ~71:Fortvita Biologics (Singapore) Pte. Ltd., 38 Beach Road, #29-11 South Beach Tower, SINGAPORE 189767, SINGAPORE, Singapore ~72: DING, Xuejian;MA, Yidong~ 33:CN ~31:202210311376.9 ~32:28/03/2022

2024/08085 ~ Complete ~54:MULTI-FUNCTIONAL CHILDREN'S VEHICLE ~71:SCOOT & RIDE HOLDING GMBH, Steiffstraße 1, 4710, Austria ~72: BERNDORFER, Wolfgang;KIRCHSCHLAGER, Robert~ 33:AT ~31:A50341/2022 ~32:12/05/2022

2024/08065 ~ Complete ~54:SPRAYING DEVICE FOR SPRAYING GRANULAR AND VISCOUS ORCHARD GREEN HERBICIDES ~71:ZHAOQING UNIVERSITY, Donggang, Duanzhou District, Zhaoqing City, Guangdong Province, People's Republic of China ~72: GUO Yanjun;JI Qianhua;YANG Fengmei~

2024/08069 ~ Complete ~54:CATALYST SYSTEM FOR A FLOW REACTOR, AND METHOD FOR THE CATALYTIC OXIDATION OF AMMONIA ~71:HERAEUS PRECIOUS METALS GMBH & CO. KG, Heraeusstraße 12-14, Germany ~72: HESSE, Jens;HIRSCHEL, Pascal;JANTSCH, Uwe;MAIER, Dirk~ 33:EP ~31:22175273.6 ~32:25/05/2022

2024/08079 ~ Complete ~54:RAIL CONVEYOR SYSTEMS ~71:FLSmidth A/S, Vigerslev Allé 77, VALBY 2500, DENMARK, Denmark ~72: CORRIVEAU, Robert;KOSTADINOV, Iavor;LURIE, Martin;SVIRSKY, Vladimir;WEGENER, Jonathan~ 33:US ~31:63/335,695 ~32:27/04/2022

2024/08084 ~ Complete ~54:CHILDREN'S VEHICLE WITH ROTARY STEERING AND WEIGHT-SHIFT STEERING ~71:SCOOT & RIDE HOLDING GMBH, Steiffstraße 1, 4710, Austria ~72: KIRCHSCHLAGER, Robert~ 33:AT ~31:A 50320/2022 ~32:06/05/2022

2024/08064 ~ Complete ~54:APPLICATION AND IDENTIFICATION METHOD OF 2-OCTYL-3-ISOTHIAZOLINONE IN PREVENTING AND CONTROLLING TOBACCO FUNGAL DISEASES ~71:Guizhou

Tobacco Company Zunyi City Company, No. 341 Renmin Road, Huichuan District, Zunyi, Guizhou, 563099, People's Republic of China ~72: Chengxing Zhang; Donglin Zhao; Jianyu Gou; Jing Liu; Jun Wan; Kangwen Xu; Konghua Xie; Mingxia Wen; Qianxiang Zhu; Xiaobin Han; Xiaoyan Wang; Yiting Fu; Yulong Peng ~ 33:CN ~31:CN202411111494.0 ~32:14/08/2024

2024/08063 ~ Provisional ~54: AGRICULTURE SYSTEM AND METHOD ~71: MATLALA, Kgosietsile Kirabo, 300, Castellet Country Estate, Syringa Avenue, South Africa ~72: MATLALA, Kgosietsile Kirabo~

2024/08081 ~ Complete ~54: HOT-STAMPED COMPONENT HAVING HIGH COLD-BENDING PERFORMANCE AND HIGH STRENGTH, AND MANUFACTURING METHOD THEREFOR ~71: Baoshan Iron & Steel Co., Ltd., No. 885, Fujin Road, Baoshan District, SHANGHAI 201900, CHINA (P.R.C.), People's Republic of China ~72: JIN, Xinyan; LIU, Hao; MA, Xuedan; TAN, Ning~ 33:CN ~31:202210311710.0 ~32:28/03/2022

2024/08068 ~ Complete ~54: AN INTEGRATED HEAP LEACH PROCESS ~71: ANGLO AMERICAN TECHNICAL & SUSTAINABILITY SERVICES LTD, 17 Charterhouse Street, London, EC1N 6RA, United Kingdom; ANGLO CORPORATE SERVICES SOUTH AFRICA (PTY) LTD, 144 Oxford Road, Rosebank, 2196, South Africa ~72: ANTHONY OWEN FILMER; CHRISTOPHER ALAN BILEY; DANIEL JOHN (DECEASED) ALEXANDER~ 33:US ~31:63/053,104 ~32:17/07/2020

2024/08073 ~ Complete ~54: LIQUID-TIGHT CASE FOR TISSUE DEVICE AND SYSTEM HAVING SAME ~71: 3D BIOLABS, LLC, 285 Wilmington-West Chester Pike, Chadds Ford, Pennsylvania, 19317, United States of America ~72: CRAIG NEVILLE; JOSEPH PHILLIP VACANTI; MATTHEW JAMES HANCOCK; NICOLE MATTSON; TATEVIK SAHAKYANTS; TYLER LIEBERTHAL~ 33:US ~31:63/333,905 ~32:22/04/2022; 33:US ~31:63/495,046 ~32:07/04/2023

2024/08080 ~ Complete ~54: COKE OVEN ROOF REPAIR OR REPLACEMENT ~71: Paul Wurth S.A., 32, rue d'Alsace, LUXEMBOURG 1122, LUXEMBOURG, Luxembourg ~72: DEL PIA, Marco; LAVIOSA, Cesare; POGGI, Ermanno~ 33:LU ~31:LU502499 ~32:13/07/2022

- APPLIED ON 2024/10/28 -

2024/08341 ~ Complete ~54: COOKER ~71: Jon Adam CRESWICK, 28 High Road, Orchards, South Africa ~72: Jon Adam CRESWICK~ 33:ZA ~31:2023/10030 ~32:27/10/2023

2024/08104 ~ Complete ~54: FLOATING FISH REEF AND FLOATING-SINKING COMPOUND FISH REEF ~71: HAINAN TROPICAL OCEAN UNIVERSITY, No.1 Yucai Road, Sanya City, Hainan Province 572022, People's Republic of China ~72: FU, Qionglin; JIA, Chuan; PENG, Zongbo; WANG, Aimin; YANG, Chaojie; ZHAO, Xinli~ 33:CN ~31:202421413982.2 ~32:20/06/2024

2024/08112 ~ Complete ~54: TEMPERATURE STABLE EMULSIONS ~71: Beiersdorf AG, Unnastraße 48, HAMBURG 20253, GERMANY, Germany ~72: FRANCK, Kerstin; TANG, Wei; XU, Yang~ 33:DE ~31:10 2022 204 660.9 ~32:12/05/2022

2024/08119 ~ Complete ~54: ACETYLATED RIBONUCLEIC ACIDS AND USES THEREOF ~71: Helix Nanotechnologies Inc, Suite 600, 5 Channel Center Street Boston, MA 02210, MA 02210 91789, USA, United States of America ~72: BACKMAN, Kyle; DAVILA PASILLAS, Dario De Jesus; DHAR, Nikhil; EROSHENKO, Nikolai; HUANG, Justin Sean~ 33:US ~31:63/338,429 ~32:04/05/2022

2024/08125 ~ Complete ~54: COMPLEMENT FACTOR H RELATED 4-SPECIFIC ANTIBODIES AND USES THEREOF ~71: BROADWING BIO LLC, 171 Oyster Point Boulevard, Suite 300, South San Francisco, California, 94080, United States of America ~72: ANDREW PETERSON~ 33:US ~31:63/336,751 ~32:29/04/2022

2024/08128 ~ Complete ~54:SCENE FLOW DIGITAL TWIN METHOD AND SYSTEM BASED ON DYNAMIC TRAJECTORY FLOW ~71:CHANG'AN UNIVERSITY, No. 356 Changda South Road, Weiyang District, Xi'an, People's Republic of China ~72: CHENG, Juanru;FAN, Jin;FAN, Songhua;FAN, Xing;FANG, Yanming;JIANG, Yuande;LI, Chao;LIN, Shan;LIU, Zhanwen;WANG, Zijian;XUE, Zhibiao;YANG, Nan;ZHAI, Jun;ZHANG, Litong~ 33:CN ~31:202210461605.5 ~32:28/04/2022

2024/08091 ~ Complete ~54:METHOD FOR CLASSIFYING OF TEXT PARSING USING CLUSTERING MODEL ~71:KRAVCHENKO Artem Aleksandrovich, ul. Profsoyuznaya, d. 75, korp. 1, kv. 81, Moscow, 117342, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich~ 33:RU ~31:2024127895 ~32:21/09/2024

2024/08094 ~ Complete ~54:A METHOD FOR THE RESOURCE UTILIZATION AND DISPOSAL OF ALKALINE WASTE LIQUOR FROM ZIRCON METALLURGY ~71:Beijing Research Institute of Chemical Engineering and Metallurgy, CNNC, No.145 Jiukeshu, Tongzhou District, Beijing, People's Republic of China ~72: Cheng Hao;Hou Xianming;Li Chunfeng;Li Guang;Liu Huiwu;Liu Kang;Liu Zhichao;Liu Zhongchen;Ma Jia;Su Xuebin;Tian Yuhui;Zhang Chen;Zhang Shouxun~ 33:CN ~31:2024113373371 ~32:25/09/2024

2024/08096 ~ Complete ~54:COMPUTER DEVICE FOR AUTOMATED PROCESSING OF NATURAL LANGUAGE TEXT ~71:KRAVCHENKO Artem Aleksandrovich, ul. Profsoyuznaya, d. 75, korp. 1, kv. 81, Moscow, 117342, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich~ 33:RU ~31:2024127908 ~32:21/09/2024

2024/08101 ~ Complete ~54:METHOD FOR STATISTICALLY ANALYZING SEVERITY OF PLANT DISEASES ~71:Gansu Agricultural University, No. 1 Yingmen village, Anning District, Lanzhou City , Gansu Province, 730070, People's Republic of China ~72: Chen Yanli;Wei Yanping;Zhang Zhengzhong~

2024/08109 ~ Complete ~54:CONCRETE DETECTION, REPAIR, AND MONITORING INTEGRATED PROTECTION SYSTEM AND IMPLEMENTATION METHOD ~71:Jiangsu Guangyue Energy Saving Technology Co., Ltd., West side of Changsheng Road, Xiangshui County, Yancheng City,, Jiangsu Province, 224600, People's Republic of China ~72: Shudong YANG~ 33:CN ~31:2022104266600 ~32:21/04/2022

2024/08114 ~ Complete ~54:AMIDO HETEROAROMATIC COMPOUNDS USEFUL IN THE TREATMENT OF LIVER DISEASES ~71:AstraZeneca AB, SÖDERTÄLJE SE-151 85, SWEDEN, Sweden ~72: BRANDT, Jens Peter;GUERET, Stéphanie Marcelle;HOLM, Björn Erik Anton;INGHARDT, Tord Bertil;JANET, Jon Paul;LINDBERG, Jan Åke;MALMERBERG, Erik Lars;PETTERSEN, Daniel Tor;SELM, Nidhal~ 33:US ~31:63/364,976 ~32:19/05/2022;33:US ~31:63/367,843 ~32:07/07/2022;33:US ~31:63/383,982 ~32:16/11/2022

2024/08122 ~ Complete ~54:A METHOD OF INSTALLING A CABLE BOLT, A SYSTEM AND COMPONENTS OF SAME ~71:MINOVA INTERNATIONAL LIMITED, Unit 5C, Ashroyd Business Park, Hoyland, Barnsley, S74 9SB, United Kingdom ~72: DONALD MICHAEL O'CONNOR~ 33:GB ~31:2206087.5 ~32:26/04/2022

2024/08098 ~ Complete ~54:QUICK POSITIONING ASSEMBLED INSTALLER ~71:Zhengzhou University of Aeronautics, No. 15, West Wenyuan Road, Zhengdong New District, Zhengzhou City, Henan Province, 450046, People's Republic of China ~72: HOU Xiaoying~

2024/08100 ~ Complete ~54:CYCLONE SEPARATOR ARRANGEMENT ~71:METSO OUTOTEC FINLAND OY, Lokomonkatu 3, Tampere, 33900, Finland ~72: LINUS PERANDER;PETER STURM;ROBERT MADUTA;THEODOR BEISHEIM~

2024/08107 ~ Complete ~54:SUBSTITUTED 6- (PYRIMIDIN-4-YL) QUINOLINE COMPOUNDS AS CYCLIN DEPENDENT KINASE INHIBITORS ~71:BEIGENE, LTD, c/o Mourant Governance Services (Cayman) Limited,

94 Solaris Avenue, Cayman Islands ~72: LI, Jing;WANG, Zhiwei;XU, Wenqing~ 33:CN
~31:PCT/CN2022/090344 ~32:29/04/2022;33:CN ~31:PCT/CN2022/105964 ~32:15/07/2022;33:CN
~31:PCT/CN2023/085071 ~32:30/03/2023

2024/08113 ~ Complete ~54:IMPROVED PROCESS FOR THE MANUFACTURE OF OSIMERTINIB
~71:AstraZeneca AB, SÖDERTÄLJE SE-151-85, SWEDEN, Sweden ~72: MULLEN, Alexander Kieron;POZZOLI,
Alessandro~ 33:US ~31:63/362,622 ~32:07/04/2022

2024/08117 ~ Complete ~54:PREDICTING MACHINE PARAMETERS TO ACHIEVE TARGET SYRINGE
PLUNGER DEPTH PLACEMENT ~71:Amgen Inc., One Amgen Center Drive, THOUSAND OAKS 91320-1799,
CA, USA, United States of America ~72: BERNACKI, Joseph Peter;KRUCHOWY, Evan;LE,
David;PADMAKUMAR, Vikashni~ 33:US ~31:63/354,102 ~32:21/06/2022

2024/08121 ~ Complete ~54:ANTI-HUMAN IL-4RA ANTIBODY AND APPLICATION THEREOF ~71:AKESO
BIOPHARMA, INC, 6 Shennong Road, Torch Development Zone, Zhongshan, Guangdong 528437, People's
Republic of China ~72: BAIYONG LI;YU XIA;ZHONGMIN WANG~ 33:CN ~31:202210473874.3 ~32:29/04/2022

2024/08126 ~ Complete ~54:BISPECIFIC ANTIBODIES AND METHODS OF TREATING OCULAR DISEASE
~71:BROADWING BIO LLC, 171 Oyster Point Boulevard, Suite 300, South San Francisco, California, 94080,
United States of America ~72: ANDREW PETERSON~ 33:US ~31:63/336,766 ~32:29/04/2022

2024/08095 ~ Complete ~54:METHOD FOR MONITORING SPORTS PHYSIOLOGICAL DATA ~71:Hebei Sports
Science Institute (Anti-Doping Service Center of Hebei Sports Bureau), No. 372, Zhongshan East Road,
Shijiazhuang City, Hebei Province, 050000, People's Republic of China ~72: Guannan ZHANG;Guojun LI;Jingru
WANG;Lihong GONG;Pengyi WEI;Qilin XU~ 33:CN ~31:2024113090616 ~32:19/09/2024

2024/08099 ~ Complete ~54:MASP-2 INHIBITORS AND METHODS OF USE ~71:Omeros Corporation, 201
Elliott Avenue West, SEATTLE 98119, WA, USA, United States of America ~72: CICIRELLI, Michael;CUTSHALL,
Neil S.;GAGE, Jennifer Lynn;GOLDSTEIN, Sara Rebecca;KESHIPEDDY, Santosh Kumar;KWON, Do
Yeon;LEMUS, Robert Huerta;LITTLE, Thomas L.;METZ, Markus;NGUYEN, Jeremiah H.;NOLLERT VON
SPECHT, Peter Kurt;PRICE, Loren Michael;TSOUNG, Jennifer;VADDELA, Sudheer Babu~ 33:US
~31:62/943,611 ~32:04/12/2019

2024/08105 ~ Complete ~54:DEVICES, SYSTEMS AND METHODS FOR PRECISE HUMAN HEAD
POSITIONING ~71:SPINAL GUIDES LABS, LLC, 18 Calle Rosa, United States of America ~72: DAVYDOV,
Albert Y;KUMAR, Vivek R;TRIVEDI, Shivang Rakesh~ 33:US ~31:17/707,153 ~32:29/03/2022

2024/08110 ~ Complete ~54:A SAMPLING APPARATUS AND A CYCLONE ~71:TRIBE TECHNOLOGY PTY
LTD, C3, 20 TARLTON CRESCENT, PERTH AIRPORT, WESTERN AUSTRALIA 6105, AUSTRALIA, Australia
~72: GARDINER, Greg;GORIJALA, Sirish;KAPFER, Michael~ 33:AU ~31:2022900877 ~32:04/04/2022

2024/08116 ~ Complete ~54:SPECIAL BARREL AND WEDGE FOR ROCK BOLTING WITH CABLE BOLTS
~71:DSI Underground Chile SpA, Avenida Cordillera 482, Quilicura, SANTIAGO 8730644, CHILE, Chile ~72:
HIDALGO SALGADO, Mauricio Antonio;MARTINEZ MARTINEZ, Henry Sandro;NORAMBUENA SEPÚLVEDA,
Fernando Ricardo~ 33:CL ~31:1240-2022 ~32:12/05/2022

2024/08120 ~ Complete ~54:ULTRAHIGH-STRENGTH COLD-ROLLED STEEL STRIP HAVING TENSILE
STRENGTH OF 1450 MPA OR ABOVE AND MANUFACTURING METHOD THEREFOR ~71:Baoshan Iron &
Steel Co., Ltd., No. 885, Fujin Road, Baoshan District, SHANGHAI 201900, CHINA (P.R.C.), People's Republic of
China ~72: LI, Wei;XUE, Peng;ZHU, Xiaodong~ 33:CN ~31:202210473701.1 ~32:29/04/2022

2024/08129 ~ Complete ~54:TRADITIONAL CHINESE MEDICINE COMPOSITION FOR TREATING POULTRY BRONCHIAL EMBOLISM, PREPARATION, PREPARATION METHOD AND APPLICATION THEREOF ~71:HEBEI JUNYU PHARMACEUTICAL CO., LTD., Douyu industrial zone, Luancheng district Shijiazhuang, People's Republic of China ~72: FENG, Xinpu;FENG, Yingzhen;ZHANG, Xiaoyun~ 33:CN ~31:202311060692.4 ~32:22/08/2023

2024/08124 ~ Complete ~54:ANGIOPOIETIN-RELATED PROTEIN 7-SPECIFIC ANTIBODIES AND USES THEREOF ~71:BROADWING BIO LLC, 171 Oyster Point Boulevard, Suite 300, South San Francisco, California, 94080, United States of America ~72: ANDREW PETERSON~ 33:US ~31:63/336,747 ~32:29/04/2022

2024/08087 ~ Provisional ~54:METHOD OF AND SYSTEM FOR ASSESSING A VEHICLE ~71:Chaob (Pty) Ltd. t/a cARscan.AI, 1st Floor, Building 16, Woodlands Office Park, 20 Woodlands Drive, WOODMEAD, Johannesburg 2191, Gauteng, SOUTH AFRICA, South Africa ~72: CHOUDHARY, Obins;HO, Filum Chi-Chung;PRAKASH, Chander~

2024/08089 ~ Complete ~54:BRACKET WITH MAGNETIC ELEMENT FOR VERTICALLY PLACED PRODUCT ~71:MOSALOVA Tatiana Nikolaevna, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024128066 ~32:23/09/2024

2024/08093 ~ Complete ~54:SYSTEM FOR DEEP SECURITY ASSESSMENT OF MOBILE APPLICATION BASED ON TAINT ANALYSIS ~71:Insitute Of Network Technology(Yantai), Floor 9-11, Building A, Lanhai International Software Park, No.I, Lanhai Road, High-tech Zone, Yantai City, Shandong, People's Republic of China;Shandong Broadcasting and Television Info-com Operation Company Limited, No. 18567, Jingshi Road, Lixia District, Jinan City, Shandong, People's Republic of China ~72: Bing ZHAO;Haiyang WANG;Jie CHU;Lei HUANG;Qingyun XIN;Shenqiang WANG;Yifan DONG~

2024/08103 ~ Complete ~54:PROGRAMMABLE ADJUSTABLE SLIDING RHEOSTAT ~71:HEFEI NO. 7 HIGH SCHOOL, No. 898, Wangjiang West Road, Hefei City, Anhui Province, People's Republic of China ~72: Su Yiwen~ 33:CN ~31:202410070388.6 ~32:17/01/2024

2024/08108 ~ Complete ~54:PROCESS AND EQUIPMENT FOR MANUFACTURING CUT RAG ~71:AIRBENDER INNOVATIONS (PTY) LTD, 5 Falcon Lane, Kenrock Estate, South Africa ~72: DE KOKER, Kobus;KOK, Neels Peter;TIEFENBACHER, Klaus~ 33:ZA ~31:2022/06026 ~32:31/05/2022

2024/08118 ~ Complete ~54:NICKEL BASED WEAR AND CORROSION PROTECTED SHANK ADAPTER ~71:Sandvik Mining and Construction Tools AB, Valsverksstråket 14, SANDVIKEN 811 34 , SWEDEN, Sweden ~72: ANERUD, Marcus;BLOMFELDT, Thomas;LEANDERS, Benneth;PORTIN, Johan~ 33:EP ~31:22174655.5 ~32:20/05/2022

2024/08090 ~ Complete ~54:VERTICALLY PLACED SCRATCHING POST WITH MAGNETIC ELEMENT FOR USE WITH BRACKET WITH MAGNETIC ELEMENT ~71:MOSALOVA Tatiana Nikolaevna, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024128069 ~32:23/09/2024

2024/08106 ~ Complete ~54:SUBSTITUTED 7- (PYRIMIDIN-4-YL) QUINOLIN-4 (1H) -ONE COMPOUNDS AS CYCLIN DEPENDENT KINASE INHIBITORS ~71:BEIGENE, LTD., C/o Mourant Governance Services (Cayman) Limited, 94 Solaris Avenue, Cayman Islands ~72: LI, Jing;WANG, Zhiwei;XU, Wenqing~ 33:CN ~31:PCT/CN2022/090343 ~32:29/04/2022

2024/08086 ~ Provisional ~54:QUAD CRUSH POKER ~71:Chancemaker s.a.l. Offshore, El Zailah Building, Ground floor, O2 Street Haret El Mir, Zouk Mikael, Lebanon ~72: JIHAD EL ZAILAH~

2024/08088 ~ Complete ~54:VERTICALLY PLACED CAT SCRATCHING POST FOR USE WITH BRACKET
~71:MOSALOVA Tatiana Nikolaevna, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian
Federation ~72: MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024128067 ~32:23/09/2024

2024/08092 ~ Complete ~54:STRIPPING DEVICE AND METHOD FOR ACTIVE MATERIALS IN WASTE
LITHIUM BATTERY POLE PIECES ~71:Anhui Science and Technology University, No. 9, Donghua Road,
Fengyang County, Chuzhou City, Anhui Province, People's Republic of China ~72: CHEN Feng;LI Na;SU
Xiangxiang;WU Yong;ZHANG Yunlai;ZHU Tingqian~

2024/08097 ~ Complete ~54:COMPUTER DEVICE FOR PRE-TRAINING, OR TRAINING, OR FINE TUNING OF
A CLUSTERING MODEL ~71:KRAVCHENKO Artem Aleksandrovich, ul. Profsoyuznaya, d. 75, korp. 1, kv. 81,
Moscow, 117342, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich~ 33:RU ~31:2024127918
~32:21/09/2024

2024/08102 ~ Complete ~54:A METHOD FOR ADSORPTION OF CATECHOL AND RESORCINOL ON
CROTON CAUDATUS ACTIVATED CARBON ~71:CHUBAAKUM PONGENER, DEPARTMENT OF
CHEMISTRY, NAGALAND UNIVERSITY, ZUNHEBOTO, LUMAMI – 798627, NAGALAND, India;DIPAK SINHA,
DEPARTMENT OF CHEMISTRY, NAGALAND UNIVERSITY, ZUNHEBOTO, LUMAMI – 798627, NAGALAND,
India;NANDINI PRIYAM RAJKUMARI, DEPARTMENT OF CHEMISTRY, NAGALAND UNIVERSITY,
ZUNHEBOTO, LUMAMI – 798627, NAGALAND, India;Nagaland University, NAGALAND UNIVERSITY,
ZUNHEBOTO, LUMAMI – 798627, NAGALAND, India;PARIMAL CHANDRA BHOMICK, DEPARTMENT OF
CHEMISTRY, NAGALAND UNIVERSITY, ZUNHEBOTO, LUMAMI – 798627, NAGALAND, India;SHISAK
SHARMA, DEPARTMENT OF CHEMISTRY, NAGALAND UNIVERSITY, ZUNHEBOTO, LUMAMI – 798627,
NAGALAND, India ~72: CHUBAAKUM PONGENER;DIPAK SINHA;NANDINI PRIYAM RAJKUMARI;PARIMAL
CHANDRA BHOMICK;SHISAK SHARMA~

2024/08115 ~ Complete ~54:CHIMERIC ANTIGEN RECEPTOR FOR TUMOR TARGETING ~71:Fate
Therapeutics, Inc., 12278 Scripps Summit Drive, SAN DIEGO 92131, CA, USA, United States of America;Ono
Pharmaceutical Co., Ltd., 1-5, Doshomachi 2-chome, Chuo-ku, OSAKA 541-8526, JAPAN, Japan ~72:
HOSKING, Martin;LEE, Tom Tong;MAEDA, Tatsuo;VALAMEHR, Bahram;YAMAMOTO, Susumu~ 33:US
~31:63/329,287 ~32:08/04/2022

2024/08127 ~ Complete ~54:SYF2 ANTISENSE OLIGONUCLEOTIDES ~71:ACURASTEM INCORPORATED,
605 E. Huntington Dr., Suite 103 Monrovia, California 91016, United States of America ~72: EMILY ELIZABETH
LEE;WEN-HSUAN CHANG~ 33:US ~31:63/363,729 ~32:28/04/2022

2024/08111 ~ Complete ~54:FLAME OUT CANDLE SYSTEM AND METHOD ~71:AEXION INC., 1860 SIERRA
GARDENS DR., P. O. BOX 504, ROSEVILLE, CALIFORNIA 95661, USA, United States of America ~72: RIGA,
John, S.~ 33:US ~31:63/325,194 ~32:30/03/2022;33:US ~31:18/186,620 ~32:20/03/2023

2024/08123 ~ Complete ~54:ORAL DOSAGE FORMS OF ELRAGLUSIB ~71:ACTUATE THERAPEUTICS, INC.,
1751 River Run, Suite 400, Fort Worth, Texas, 76107, United States of America ~72: DANIEL M
SCHMITT;RICHARD KENLEY;SCOTT BONE;TERRENCE DAHL~ 33:US ~31:63/355,718 ~32:27/06/2022

- APPLIED ON 2024/10/29 -

2024/08134 ~ Provisional ~54:COMPOSITION AND METHOD FOR PREVENTION AND TREATMENT OF
HANGOVER SYMPTOMS ~71:Alastair King, Farm 24, South Africa ~72: Alastair King~

2024/08139 ~ Complete ~54:ECOLOGICAL ENVIRONMENT ANALYSIS METHOD AND SYSTEM FOR LOW-
CARBON URBAN AGGLOMERATION ~71:North China University of Water Resources and Electric Power, 136

Jinshui East Road, Zhengdong New District, Zhengzhou City, Henan Province, 450046, People's Republic of China;Zhengzhou University of Aeronautics, No.15 Wenyuan West Road, Zhengdong New District, Zhengzhou City, Henan Province, 450046, People's Republic of China ~72: LIU Ying;ZHAO Rongqin~

2024/08143 ~ Complete ~54:AN ASSEMBLED PREFABRICATED HYBRID FIBER AND SOLID WASTE MICROPOWDER RECYCLED CONCRETE COMPOSITE BEAM ~71:Xinyu University, 2666 Sunshine Dadao, High-tech Zone, Xinyu City, Jiangxi Province, People's Republic of China ~72: Cai yunfang;Chen xiaomeng;Cui shengchao;Gong yi;Guo yujie;Han lei;Hu rong;Li zhen;Liu xu;Long chunxiao;Teng wenhao;Wang chengyuan;Xu yiran;Zhan congwei;Zhang jianying;Zhang wu;Zhang yang;Zhang yucheng;Zhou yijing~ 33:CN ~31:2024201561549 ~32:23/01/2024

2024/08144 ~ Complete ~54:HYDRAULIC DOWN-THE-HOLE HAMMER AND SUBSEA PILE ~71:MINCON INTERNATIONAL LIMITED, Smithstown Industrial Estate, Co. Clare, Shannon, V14 N993, Ireland ~72: JOSEPH PURCELL;MARKKU KESKINIVA;SIMON DUCK~ 33:IE ~31:S2021/0091 ~32:29/04/2021;33:IE ~31:S2021/0095 ~32:30/04/2021

2024/08146 ~ Complete ~54:A SMART SAFETY FOOTWEAR FOR NEXT GENERATION ~71:Dr Abdullah Khalaf Alanazi, Associate professor, Department of chemistry, College of science, Taif University, Taif, Al-Hawiya, 21944, Saudi Arabia;Dr Tanay Pramanik, Professor, University Of Engineering & Management, New Town, University Area, Plot No. III, B/5, New Town Rd, Action Area III, West Bengal, North 24 Parganas, 700160, India;Mr Alik Agarwala, Student, University Of Engineering & Management, New Town, University Area, Plot No. III, B/5, New Town Rd, Action Area III, West Bengal, North 24 Parganas, 700160, India;Mr Avik Agarwala, Student, University Of Engineering & Management, New Town, University Area, Plot No. III, B/5, New Town Rd, Action Area III, West Bengal, North 24 Parganas, 700160, India;Mr Rajdeep Banerjee, Student, University Of Engineering & Management, New Town, University Area, Plot No. III, B/5, New Town Rd, Action Area III, West Bengal, North 24 Parganas, 700160, India;Mr Sagnik Bhattacharya, Student, University Of Engineering & Management, New Town, University Area, Plot No. III, B/5, New Town Rd, Action Area III, West Bengal, North 24 Parganas, 700160, India;Mr Soumyajit Ghosh, Student, University Of Engineering & Management, New Town, University Area, Plot No. III, B/5, New Town Rd, Action Area III, West Bengal, North 24 Parganas, 700160, India;Ms Sayantana Halder, Student, University Of Engineering & Management, New Town, University Area, Plot No. III, B/5, New Town Rd, Action Area III, West Bengal, North 24 Parganas, 700160, India ~72: Dr Abdullah Khalaf Alanazi;Dr Tanay Pramanik;Mr Alik Agarwala;Mr Avik Agarwala;Mr Rajdeep Banerjee;Mr Sagnik Bhattacharya;Mr Soumyajit Ghosh;Ms Sayantana Halder~

2024/08158 ~ Complete ~54:A SPRUNG DISPLAY CASE FOR DISPENSING PRODUCTS ~71:Metalfacture Ltd, 161 Gloucester Crescent, Wigston, LEICESTER LE18 4YH, LEICESTERSHIRE, UNITED KINGDOM, United Kingdom ~72: COOPER, James Anthony;JONES-FENLEIGH, Benjamin~ 33:GB ~31:2205581.8 ~32:14/04/2022

2024/08166 ~ Complete ~54:METHOD FOR MOSQUITO CONTROL ~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: EPPLER, Lisa;HOPPE, Mark~ 33:EP ~31:22173625.9 ~32:16/05/2022

2024/08172 ~ Complete ~54:INHIBITING HISTONE DEACETYLASE 6 (HDAC6) ~71:Eikonizo Therapeutics, Inc., 245 Main Street, 2nd Floor, CAMBRIDGE 02142, MA, USA, United States of America ~72: RICHARDSON, Thomas Edward;WAGNER, Florence Fevrier;YATES, Christopher M.~ 33:US ~31:63/329,143 ~32:08/04/2022

2024/08155 ~ Complete ~54:NORMAL ALPHA OLEFIN SYNTHESIS USING DECARBONYLATIVE OLEFINATION ~71:CHEVRON PHILLIPS CHEMICAL COMPANY LP, P.O. Box 4910, The Woodlands, Texas, 77380, United States of America ~72: BROOK L SMALL;MICHAEL S WEBSTER-GARDINER~ 33:US ~31:17/824,960 ~32:26/05/2022

2024/08145 ~ Complete ~54:INTEGRATED WIRELESS NETWORK DETECTION AND CONTROL METHOD
~71:Jiaxing Vocational & Technical College, No. 547, Tongxiang Avenue, Nanhu District, Jiaxing City, Zhejiang
Province, 314036, People's Republic of China ~72: Chunfang Gao;Shuangxi Chen;Wenhong Xiao~

2024/08149 ~ Complete ~54:SYSTEMS AND METHODS FOR DISCOVERING AND RECOVERING
SUBSURFACE FLUIDS AND VERIFICATION OF SUBSURFACE STORAGE FLUIDS ~71:KOLOMA, INC., 7251
SAWMILL ROAD, SUITE 100, DUBLIN, OHIO, 43016, United States of America ~72: DARRAH,
THOMAS;EYMOLD, WILLIAM;HARRINGTON, JACOB~ 33:US ~31:63/325,094 ~32:29/03/2022

2024/08151 ~ Complete ~54:AN AUTOMATED VEHICLE WASHING SYSTEM AND METHOD THEREOF
~71:BLUEVERSE HOLDINGS PRIVATE LIMITED, Accures Legal, Plot No. 15, Sai Enclave, Sector 23, India ~72:
SHAH, Rushang~ 33:IN ~31:202221023511 ~32:21/04/2022

2024/08157 ~ Complete ~54:USER INTERFACE FOR VIEWING OPTIC WITH WIND DIRECTION CAPTURE
~71:SHELTERED WINGS, INC. d/b/a VORTEX OPTICS, ONE VORTEX DRIVE, BARNEVELD, WI 53507, USA,
United States of America ~72: CLERMONT, Todd;FARRELL, Ben~ 33:US ~31:63/362,177 ~32:30/03/2022

2024/08165 ~ Complete ~54:SHELL FOR SMALL VIAL TO FIT INTO INJECTOR OR CAP REMOVER
~71:Janssen Biotech, Inc., 800/850 Ridgeview Drive, HORSHAM 19044, PA, USA, United States of America ~72:
ZWIRNMANN, Ralph Fritz~ 33:US ~31:63/325,354 ~32:30/03/2022

2024/08153 ~ Complete ~54:DOOR SEAL FOR PREVENTING THE PASSAGE OF RODENTS ~71:RENTOKIL
INITIAL 1927 PLC, Compass House, Crawley, West Sussex, RH10 9PY, United Kingdom ~72: CRAIG
JONES;EMMA CHISHOLM;MARK BROWN;NIKKI DEXTER;SAM PLOWMAN~ 33:GB ~31:2207226.8
~32:17/05/2022

2024/08169 ~ Complete ~54:EXERCISE MACHINE WITH MOVABLE BELT OR CHAIN ~71:Reform RX Limited,
611c Lisburn Road, BELFAST BT9 7GT, UNITED KINGDOM, United Kingdom ~72: OWENS, Austin~ 33:GB
~31:2204910.0 ~32:04/04/2022

2024/08175 ~ Complete ~54:OPENABLE CURTAINSIDER SYSTEM ~71:EUROPEAN TRAILER SYSTEMS
GMBH, Im Moerser Feld 1f, Moers, 47441, Germany ~72: Markus LEUKERS;Roger REMMEL;Volker
BIESENBRUCK~ 33:DE ~31:10 2022 110 436.2 ~32:28/04/2022

2024/08136 ~ Provisional ~54:INCUBATOR TRAY AND A METHOD OF INCUBATING ~71:OVO INCUBATORS
(PTY) LTD, 105 Oxford Road, Saxonwold, South Africa ~72: FARSCHI, Amir~

2024/08141 ~ Complete ~54:SOIL IMPROVER FOR IMPROVING SURVIVAL RATE OF PLANT CULTIVATION
~71:Qinghai University, No. 251 Ningda Road, Chengbei District, Xining City, Qinghai Province, 810016, People's
Republic of China ~72: FAN Luze;GUO Lizhi;LYU Ting;ZHANG Yu~

2024/08147 ~ Complete ~54:COMBINED TICKETLESS FLOW-THRU FACIAL RECOGNITION FOR MASS
PARTICIPATION EVENT ENTRY AND ITEM FULFILLMENT ~71:MARTIN, Todd, 4336 US Highway 377, United
States of America ~72: MARTIN, Todd~ 33:US ~31:63/325,055 ~32:29/03/2022;33:US ~31:17/727,862
~32:25/04/2022

2024/08161 ~ Complete ~54:ORTHOPEDIC IMPLANTS AND INSTRUMENTS ~71:Paragon 28, Inc., 14445
Grasslands Drive, ENGLEWOOD 80112, CO, USA, United States of America ~72: KARAS, Kaitlin;MAJORS,
Benjamin;MLADINICH, Peter Andrew;ROGGOW, Kenneth Allan~ 33:US ~31:63/362,569 ~32:06/04/2022

2024/08167 ~ Complete ~54:COMPOSITION AND METHOD FOR CONTROLLING WEEDS IN TURFGRASS
~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: JAMES,
John Robert;PEARSAUL, David;TREDWAY, Lane~ 33:EP ~31:22173597.0 ~32:16/05/2022

2024/08171 ~ Complete ~54:ALKOXY HETEROARYL- CARBOXAMIDE OR THIOAMIDE COMPOUNDS
~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72:
HUETER, Ottmar Franz;JEANGUENAT, André;MONACO, Mattia Riccardo~ 33:EP ~31:22172906.4
~32:12/05/2022

2024/08173 ~ Complete ~54:MEASURING ROCK BREAKING DYNAMICS ~71:Sandvik Mining and Construction
Oy, Pihtisulunkatu 9, TAMPERE 33330, FINLAND, Finland ~72: UUSITALO, Jukka-Pekka~ 33:EP
~31:22173152.4 ~32:13/05/2022

2024/08130 ~ Provisional ~54:MEALBISCUIT ~71:Monde Christopher Jonas, 135 Spondo Road, South Africa
~72: Monde Christopher Jonas~

2024/08132 ~ Provisional ~54:INNOVATIVE DELIVERY MECHANISM INCORPORATING TRADITIONAL ICE
CUBES ~71:Alastair King, Farm 24, South Africa ~72: Alastair King~

2024/08137 ~ Complete ~54:ASPHALT HEATING SYSTEM ~71:Henan Agricultural University, Henan
Agricultural University, No. 63 Agricultural Road, Jinshui District, Zhengzhou City, Henan Province, 450002,
People's Republic of China;Henan Jiuyi Environmental Protection Technology Co., Ltd., No. 817, 1st Incubation
Building, 11 Changchun Road, High tech Zone, Zhengzhou City, Henan, 450000, People's Republic of China ~72:
CHEN, Siyu;GAO, Linchao;HUANG, Li;JIA, Zhuoya;KONG, Lingchen;LI, Lianhao;LI, Shixin;LIU, Chunyu;LIU,
Shengyong;LIU, Tingting;LV, Tengfei;MA, Zhuohui;QING, Chunyao;REN, Changzhong;SUO, Feng;TAO,
Hongge;WANG, Zhenzhong;XU, Rubing;XU, Yanshen;ZHAO, Dengke;ZHEN, Zi'ang~

2024/08138 ~ Complete ~54:POROUS DRAINAGE STRUCTURE AND WATER CIRCULATION SYSTEM FOR
SPONGE CITIES ~71:Zhengzhou University of Aeronautics, No. 15, West Wenyuan Road, Zhengdong New
District, Zhengzhou City, Henan Province, 450046, People's Republic of China ~72: ZHU Xiaojuan~

2024/08160 ~ Complete ~54:IMPROVED OLIGONUCLEOTIDES TARGETING RNA BINDING PROTEIN SITES
~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72:
BASTIEN, Jessica Marine Aurore;CHYZYNSKA, Katarzyna;JOENSON, Lars;LI, Meiling;NORDBO,
Bettina;VIKESAA, Jonas~ 33:EP ~31:22174186.1 ~32:18/05/2022

2024/08163 ~ Complete ~54:SYSTEM FOR PROCESSING HEALTH INDICATOR VALUES OF A PATIENT
~71:Lonhea SA, Rue Saint-Pierre 18, FRIBOURG 1700, SWITZERLAND, Switzerland ~72: GOLAY, Michel~

2024/08174 ~ Complete ~54:ENERGY ABSORBING, YIELDING ROCK ANCHOR ~71:FABCHEM MINING (PTY)
LIMITED, 108 Industry Road, New Era, South Africa ~72: JACOBUS CORNELIUS PRETORIUS;JOHANNES
JACOBUS NAUDE~ 33:ZA ~31:2022/04453 ~32:21/04/2022

2024/08131 ~ Provisional ~54:HOLLOW INJECTABLE STATIC AND DYNAMIC BOLT ~71:NORMET
INTERNATIONAL LTD, Rothusstrasse 21, Switzerland ~72: PETRANEK, Martin~

2024/08135 ~ Provisional ~54:MODULAR LED LIGHTS ~71:David Van Der Walt, 30 Uniridge Complex , Lancia
street , Lynnwood Ridge , Pretoria , 0081, South Africa ~72: David Van Der Walt~

2024/08140 ~ Complete ~54:AUXILIARY SOAKING DEVICE FOR GERMINATION OF BROWN RICE ~71:Anhui
Fengkang Agricultural Technology Co., Ltd, No. 199 Fengkang Road, Huaishang District, Bengbu City, Anhui
Province, 233000, People's Republic of China;Anhui Science and Technology University, Donghua Road,

Fengyang County, Chuzhou City, Anhui Province, 239000, People's Republic of China ~72: CHEN Jinrong;DING Zhigang;GAN Baoshun;GAO Hongmei;LI Xue;LI Zhen;MAO Xiaoyan;WANG Pingyang;WANG Shuo~

2024/08142 ~ Complete ~54:A METHOD OF PLANTING THYSANOLAENA MAXIMA FOR PREVENTING LANDSLIDES ~71:Dr. Laydong Lepcha, Bioinformatics Centre, Biotechnology Division, Sikkim State Council of Science & Technology, Department of Science & Technology, Vigyan Bhawan, Deorali, East Sikkim, Sikkim, 737102, India;Dr. Sanjoy Guha Roy, Department of Botany, West Bengal State University, Berunanpukhuria, Barasat, Kolkata, West Bengal, 700126, India ~72: Dr. Laydong Lepcha;Dr. Sanjoy Guha Roy~ 33:IN ~31:202431042687 ~32:01/06/2024

2024/08148 ~ Complete ~54:METHOD FOR DIAMOND DETECTION ~71:FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V., HANSASTRASSE 27C, 80686 MÜNCHEN, GERMANY, Germany;GEM RECOVERY SYSTEMS LIMITED, FLAT 764 FULHAM ROAD, LONDON SW6 5SJ, UNITED KINGDOM, United Kingdom ~72: ENNEN, Alexander;FIRSCHING, Markus;LEISNER, Johannes;SPENCER, Roy, George, Stamford~ 33:AU ~31:2022900894 ~32:05/04/2022

2024/08156 ~ Complete ~54:JOINING A TYRE BASE LAYER ~71:RETYRE AS, Glynitveien 27, Ski, 1400 North Follo, Norway ~72: OLAF BRAGE MARVIK;PAUL MAGNE AMUNDSEN;SIGMUND ANDENES;SVEN-ERIK MARKHAUS KAISER;TARJEI AURE HOFSET~ 33:NO ~31:20220564 ~32:12/05/2022;33:NO ~31:20220565 ~32:12/05/2022;33:NO ~31:20220566 ~32:12/05/2022

2024/08162 ~ Complete ~54:IMPROVEMENTS IN OR RELATING TO CATALYST CARRIERS FOR TUBULAR REACTORS ~71:Johnson Matthey Davy Technologies Limited, 5th Floor, 25 Farringdon Street, EC4A 4AB, LONDON, UNITED KINGDOM, United Kingdom ~72: BAKER, Rob Miles;CLARKSON, Jay Simon;COE, Andrew James;KELLY, Gordon~ 33:GB ~31:2208816.5 ~32:15/06/2022

2024/08168 ~ Complete ~54:ROCK INHIBITORS AND USES THEREOF ~71:Dizal (Jiangsu) Pharmaceutical Co., Ltd., No.199 Liangjing Road, Zhangjiang Hi-Tech Park, Pudong New Area, SHANGHAI 201203, CHINA (P.R.C.), People's Republic of China ~72: QI, Changhe;TSUI, Honchung;WANG, Rumin;YANG, Zhenfan;ZENG, Qingbei;ZHANG, Xiaolin~ 33:IB ~31:2022/095127 ~32:26/05/2022

2024/08170 ~ Complete ~54:PROCESSES FOR MAKING NAG-25, A CARBOHYDRATE TARGETING MOIETY, AND ITS INTERMEDIATES ~71:Amgen Inc., One Amgen Center Drive, THOUSAND OAKS 91320-1799, CA, USA, United States of America ~72: BAUCOM, Kyle D.;COHEN, Carolyn Michelle;HELBLING, Edward;JOHNSON, Heather Claire;MICHALAK, Sharon E.;O'SULLIVAN, Shea J.;ROOSEN, Philipp C.;STAHL, Amanda;TOM, Janine K.~ 33:US ~31:63/337,316 ~32:02/05/2022;33:US ~31:63/373,823 ~32:29/08/2022;33:US ~31:63/385,615 ~32:30/11/2022

2024/08152 ~ Complete ~54:NUCLEOSIDE LINE-1 INHIBITORS ~71:TRANSPONON THERAPEUTICS, INC., 4660 La Jolla Village Drive, Suites 100 & 200, San Diego, California, 92122, United States of America ~72: ANDREW JAMES BURNIE;CHANDRA MOHAN DARAPANENI;ECKARD WEBER;JIGNESHKUMAR JASHBHAI PATEL;MALAY DOSHI;MARCO PALADINO;MICHAEL G CORDINGLEY;WILLIAM BROWN~ 33:US ~31:63/325,442 ~32:30/03/2022

2024/08154 ~ Complete ~54:COMPOSITIONS AND METHODS FOR THE TREATMENT OF ACTINOMYCETIA INFECTIONS ~71:ENDOLYTIX TECHNOLOGY, INC., 48 Dunham Ridge Suite 5850 Beverly, Massachusetts 01915, United States of America ~72: CLINTON C DAWSON;CODY GLICKMAN;HELEN BARTLETT;JASON HOLDER;KEITH SOLOMON;SONIA BARRIOS~ 33:US ~31:63/329,276 ~32:08/04/2022;33:US ~31:63/429,869 ~32:02/12/2022

2024/08159 ~ Complete ~54:CLOSURE COMPRISING A RADIALLY EXTENDING ELASTOMERIC SEALING BEAD ~71:Owens-Brockway Glass Container Inc., One Michael Owens Way, PERRYSBURG 43551, OH, USA, United States of America ~72: CHISHOLM, Brian~ 33:US ~31:63/344,356 ~32:20/05/2022;33:US ~31:63/421,282 ~32:01/11/2022

2024/08133 ~ Provisional ~54:MULTI-FUNCTIONAL THERAPEUTIC AND HANGOVER PREVENTATIVE ICE CUBE ~71:Alastair King, Farm 24, South Africa ~72: Alastair King~

2024/08150 ~ Complete ~54:COMPOSITIONS AND METHODS FOR CONTROLLING FOAM ~71:LOCUS SOLUTIONS IPSCO, LLC, 30600 Aurora Road, Suite 180, United States of America ~72: KNESEL, Gabriela~ 33:US ~31:63/354,318 ~32:22/06/2022

2024/08164 ~ Complete ~54:COMPOSTABLE POD FOR BEVERAGE PREPARATION ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: DAGANAUD, Camille Marie-Rose Eliane;DOLEAC, Frédéric;HEYDEL, Christophe Sébastien Paul~ 33:EP ~31:22166847.8 ~32:05/04/2022

- APPLIED ON 2024/10/30 -

2024/08232 ~ Provisional ~54:JOINADAPTOR (JOINS BINCH LAMPHOLDER TO 8 INCH LAMPSHADE ~71:IPELENG GIFT MOATSHE, 433 Buiten Drive, Mogwase Unit 2, South Africa ~72: IPELENG GIFT MOATSHE~

2024/08203 ~ Complete ~54:A DEVICE AND A METHOD FOR FACILITATING ASSEMBLING OF A WIND TURBINE ~71:FRIGSTAD ENGINEERING (NORWAY) AS, POSTBOKS 703, 4666 KRISTIANSAND, NORWAY, Norway ~72: FRIGSTAD, Harald~ 33:NO ~31:20220427 ~32:08/04/2022

2024/08205 ~ Complete ~54:SYSTEM AND METHOD FOR AUTOMATICALLY SETTING PARAMETERS FOR FOAM PRODUCTION ~71:EVONIK OPERATIONS GMBH, RELLINGHAUSER STRASSE 1-11, 45128 ESSEN, GERMANY, Germany ~72: KIWITT, Jörn;LANDERS, Rüdiger;TOMUSCHAT, Philipp~ 33:EP ~31:22167325.4 ~32:08/04/2022

2024/08211 ~ Complete ~54:HETEROCYCLIC COMPOUNDS AS MODULATORS OF BCL6 AS LIGAND DIRECTED DEGRADERS ~71:Bristol-Myers Squibb Company, Route 206 & Province Line Road, PRINCETON 08543, NJ, USA, United States of America;Celgene Corporation, Route 206 and Province Line Road, PRINCETON 08543, NJ, USA, United States of America ~72: ALEXANDER, Matthew David;DODD, Dharmpal S.;GRIFFIN, Jennifer;HOLMBERG-DOUGLAS, Natalie;HUANG, Dehua;MISEO, Giulianna;MORTENSEN, Deborah S.;RHODES, Jayce;SHUNATONA, Hunter Paul;WHITEFIELD, Brandon Wade~ 33:US ~31:63/336,104 ~32:28/04/2022

2024/08215 ~ Complete ~54:HIGH STRENGTH, COLD ROLLED STEEL WITH REDUCED SENSITIVITY TO HYDROGEN EMBRITTLEMENT AND METHOD FOR THE MANUFACTURE THEREOF ~71:JFE Steel Corporation, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, TOKYO 100011, JAPAN, Japan;ThyssenKrupp Steel Europe AG, Kaiser-Wilhelm-Straße 100, DUISBURG 47166, GERMANY, Germany ~72: IRNICH, Manuela;TAKAJO, Shigehiro;THIESSEN, Richard G.;TOJI, Yuki;WINZER, Nicholas;YANG, Lingling~ 33:IB ~31:2022/065261 ~32:03/06/2022

2024/08224 ~ Complete ~54:MANUFACTURING CONTINUOUS BELT OF TYRE BASE LAYER ~71:RETYRE AS, Glynitveien 27, Ski, 1400 North Follo, Norway ~72: OLAF BRAGE MARVIK;PAUL MAGNE AMUNDSEN;SIGMUND ANDENES;SVEN-ERIK MARKHAUS KAISER;TARJEI AURE HOFSET~ 33:NO ~31:20220564 ~32:12/05/2022;33:NO ~31:20220565 ~32:12/05/2022;33:NO ~31:20220566 ~32:12/05/2022

2024/08230 ~ Complete ~54:METAL MATRIX COMPOSITE GRINDING BALL WITH STRUCTURAL REINFORCEMENT ~71:MAGOTTEAUX INTERNATIONAL S.A., Rue Adolphe Dumont, 4051, Vaux-sous-Chèvremont, Belgium ~72: MARC BABINEAU;MARC MERTENS;STÉPHANE DESILES~ 33:EP ~31:22182590.4 ~32:01/07/2022

2024/08177 ~ Provisional ~54:TRANSFER OF INDICATOR MEANS TO A SURFACE AREA ~71:RICHARD JOHN STEINBACH, 4 Doreen Crescent, Glenashley, South Africa ~72: STEINBACH, Richard John~

2024/08181 ~ Provisional ~54:DIGITAL BUSINESS CARD ADVERTISING SPACE ~71:Kwebu Jonas Mofokeng, 1623 bereng street, South Africa ~72: Kwebu Jonas Mofokeng;Kwebu Jonas Mofokeng;Kwebu Jonas Mofokeng~

2024/08182 ~ Complete ~54:AN ARTIFICIALLY INTELLIGENT COMPACT COMPUTING DEVICE, SYSTEM AND METHOD FOR NEXT-GENERATION VACCINE DESIGN ~71:Anindita Sarkar, Student, Department of Biotechnology, Adamas University, India., Barasat - Barrackpore Road, Jagannathpur P. O, North 24 - Parganas, Kolkata, West Bengal, 700126, India;Dr. Arpita Das, Assistant Professor, Department of Biotechnology, Adamas University, Barasat - Barrackpore Road, Jagannathpur P. O, North 24 - Parganas, Kolkata, West Bengal, 700126, India;Dr. Chiranjib Chakravarty, Professor, Department of Biotechnology, Adamas University, Barasat - Barrackpore Road, Jagannathpur P. O, North 24 - Parganas, Kolkata, West Bengal, 700126, India;Dr. Manojit Bhattacharya, Assistant Professor, Department of Zoology, Fakir Mohan University, VyasaVihar, Balasore, Odisha, 756089, India;Dr. Santanu Koley, Professor, Department of Computer Science, Haldia Institute of Technology, ICARE Complex, Hatiberia, Haldia, Purba Medinipur, West Bengal, 721657, India;Dr. Surajit Bhattacharjee, Associate Professor, Department of Molecular Biology and Bioinformatics, Tripura University (A Central University), India., Suryamaninaga, Tripura West, Tripura, 799022, India ~72: Anindita Sarkar;Dr. Arpita Das;Dr. Chiranjib Chakravarty;Dr. Manojit Bhattacharya;Dr. Santanu Koley;Dr. Surajit Bhattacharjee~ 33:IN ~31:202431079603 ~32:19/10/2024

2024/08186 ~ Complete ~54:A P2 ARCHITECTURE LIGHT TRUCK HYBRID AUTOMOBILE CLUTCH CONTROL DEVICE ~71:YUEXIN CONTEMPORARY AMPEREX TECHNOLOGY CO., LTD, Office Building 3, Henan Yuexin Intelligent Machinery Co., Ltd., northwest corner of Lanxin Road and Fuyang Road in Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Gao Peiqi;Yang Hui;Yuan Zhengwu;Zhao Qianyang;Zhu Yaozhan~ 33:CN ~31:202410280551.1 ~32:12/03/2024

2024/08198 ~ Complete ~54:PUMP HAVING A FLANGE FOR MOUNTING AN AUXILIARY PUMP ~71:CATERPILLAR INC., 100 NE Adams Street - AB6450, United States of America ~72: MORK, David A.;POVILONIS, Romas J.~ 33:US ~31:17/736,247 ~32:04/05/2022

2024/08200 ~ Complete ~54:IMPROVED METHOD FOR DEPOLYMERISING POLYETHYLENE TEREPHTHALATE ~71:EVONIK OPERATIONS GMBH, RELLINGHAUSER STRASSE 1-11, 45128 ESSEN, GERMANY, Germany ~72: HORN, Michael;REINSBERG, Philip, Heinrich;RUWWE, Johannes;WEINER, Marc~ 33:EP ~31:22166553.2 ~32:04/04/2022

2024/08213 ~ Complete ~54:GLP1 PHARMACEUTICAL COMPOSITIONS ~71:Eli Lilly and Company, Lilly Corporate Center, INDIANAPOLIS 46206-6288, IN, USA, United States of America ~72: BURNS, Lee Joseph~ 33:US ~31:63/340,591 ~32:11/05/2022

2024/08222 ~ Complete ~54:CONNECTION MANAGEMENT AND RECOVERY ASSOCIATED WITH MULTIPATH SIDELINK RELAYS ~71:InterDigital Patent Holdings, Inc., 200 Bellevue Parkway, Suite 300, WILMINGTON 19809, DE, USA, United States of America ~72: FREDA, Martino M.;HOANG, Tuong Duc;KINI, Ananth;TEYEB, Oumer~ 33:US ~31:63/334,813 ~32:26/04/2022;33:US ~31:63/395,017 ~32:04/08/2022;33:US ~31:63/421,725 ~32:02/11/2022;33:US ~31:63/445,434 ~32:14/02/2023;33:US ~31:63/456,918 ~32:04/04/2023

2024/08214 ~ Complete ~54:FLEXIBLE FACILITY CONFIGURATIONS FOR THERAPEUTIC PRODUCT MANUFACTURING ~71:Amgen Inc., One Amgen Center Drive, THOUSAND OAKS 91320-1799, CA, USA, United States of America ~72: GORSKI, Robert James;RANNEY, Jeffrey T.;WEIDNER, James Thomas~ 33:US ~31:63/356,361 ~32:28/06/2022

2024/08217 ~ Complete ~54:SYSTEM AND METHOD FOR OPERATING A COMMINUTION PROCESS IN A TUMBLING MILL ~71:S.P.M. Instrument AB, Box 504, STRÄNGNÄS 645 25, SWEDEN, Sweden ~72: SUNDSTRÖM, Tim~ 33:IB ~31:2022/050363 ~32:11/04/2022;33:SE ~31:2251179-4 ~32:09/10/2022

2024/08220 ~ Complete ~54:COMBINATION THERAPY FOR TREATING CANCER ~71:AstraZeneca AB, SÖDERTÄLJE 151 85, SWEDEN, Sweden ~72: ILLUZZI, Giuditta;LAU, Alan Yin Kai;LEO, Elisabetta~ 33:US ~31:63/366,407 ~32:15/06/2022;33:US ~31:63/386,966 ~32:12/12/2022

2024/08180 ~ Provisional ~54:FOODSTUFF DISPENSER ~71:BEZUIDENHOUT, Christiaan Lourens Phillippus, 4 Sabie Road, Bardene Ext 27, South Africa ~72: BEZUIDENHOUT, Christiaan Lourens Phillippus~

2024/08189 ~ Complete ~54:BLEMISH NIGHT CREAM ~71:HASSEN, Mohammed Ameen, 1315 Illovo Central, 70 Melville Road, Illovo, Johannesburg 2196, Gauteng, SOUTH AFRICA, South Africa ~72: HASSEN, Rafeek~

2024/08194 ~ Complete ~54:EXTERNAL HIGH-PERFORMANCE FIREPROOF COATING AND PREPARATION METHOD THEREOF ~71:Hebei Xinshan Building Materials Co., Ltd., No. 7, East District, Fengda Industrial Park, Jingxing Mining Area, Shijiazhuang City, Hebei Province, 050100, People's Republic of China ~72: Chu Jianfeng;Chu Yansong;Chu Ziwei;Li Mingchao;Tao Jingqiu;Yu Liang~ 33:CN ~31:202411311273.8 ~32:19/09/2024

2024/08206 ~ Complete ~54:IMPROVED DIAGNOSIS OF NONALCOHOLIC STEATOHEPATITIS ~71:GENFIT, 885 AVENUE EUGÈNE AVINÉE, 59120 LOOS, FRANCE, France ~72: HAJJI, Yacine;MAGNANENSI, Jérémy;MAJD, Zouher;ROSENQUIST, Christian~ 33:EP ~31:22305503.9 ~32:08/04/2022

2024/08228 ~ Complete ~54:INSULATING CONTAINER ~71:YETI COOLERS, LLC, 7601 Southwest Parkway, Austin, Texas, 78735, United States of America ~72: ANDREW J WINTERHALTER;DEREK G SULLIVAN;DUSTIN R BULLOCK;ELIZABETH RUCHTE;ERIK STEVEN LARSON;JOHN FRITZ;JOHN LOUDENSLAGER;LANCE HARRISON;LIZA MORRIS;MICHAEL CHRISTOPHER CIESZKO;ROBERT SECKER;RYAN NIXON~ 33:US ~31:17/743,075 ~32:12/05/2022

2024/08176 ~ Provisional ~54:EYE IN THE SKY ~71:Coenie Britz, 24 korhaan Street East Driefontein, Carletonville, Johannesburg, South Africa;Michael Klaas, 24 korhaan Street East Driefontein, Carletonville, Johannesburg, South Africa;Rickerd Joubert, 24 korhaan Street East Driefontein, Carletonville, Johannesburg, South Africa ~72: Coenie Britz;Michae IKlaas;Rickerd Joubert~

2024/08234 ~ Provisional ~54:WARZAW 2024 ~71:Mathanzima Joseph Notshulwana, 1 thibault square, South Africa ~72: Mathanzima Joseph Notshulwana~ 33:ZA ~31:1 ~32:29/10/2024

2024/08216 ~ Complete ~54:SYSTEM AND METHOD FOR OPERATING A COMMINUTION PROCESS IN A TUMBLING MILL ~71:S.P.M. Instrument AB, Box 504, STRÄNGNÄS 645 25, SWEDEN, Sweden ~72: SUNDSTRÖM, Tim~ 33:IB ~31:2022/050362 ~32:11/04/2022;33:SE ~31:2251180-2 ~32:09/10/2022

2024/08227 ~ Complete ~54:RNA COMPOSITIONS TARGETING HIV ~71:BIONTECH SE, An der Goldgrube 12, 55131, Mainz, Germany ~72: FELIX TOLKSDORF;GÁBOR BOROS;JOHANNES NELKE;JONAS REINHOLZ;KATALIN KARIKÓ;SERGEY BESSONOV;VALENTIN LE DOUCE~ 33:US ~31:63/342,057 ~32:13/05/2022

2024/08199 ~ Complete ~54:IMPROVED METHOD FOR THE DEPOLYMERIZATION OF POLYETHYLENE TEREPHTHALATE ~71:EVONIK OPERATIONS GMBH, RELLINGHAUSER STRASSE 1-11, 45128 ESSEN, GERMANY, Germany ~72: GÄRTNER, Felix;MALTER, Jutta;REINSBERG, Philip, Heinrich;ROETTGER, Dirk;RUWWE, Johannes;WOLF, Jörn, Klaus, Erich~ 33:EP ~31:22166568.0 ~32:04/04/2022

2024/08201 ~ Complete ~54:A METHOD, AN APPARATUS AND A COMPUTER PROGRAM PRODUCT FOR ENCODING AND DECODING OF DIGITAL MEDIA CONTENT ~71:NOKIA TECHNOLOGIES OY, KARAKAARI 7, 02610 ESPOO, FINLAND, Finland ~72: ASTOLA, Pekka;LAINEMA, Jani~ 33:FI ~31:20225295 ~32:05/04/2022

2024/08219 ~ Complete ~54:GLP1 TABLET COMPOSITIONS ~71:Eli Lilly and Company, Lilly Corporate Center, INDIANAPOLIS 46285, IN, USA, United States of America ~72: ABURUB, Aktham;ALLGEIER, Matthew Carl;HANSON, Joshua M.;HUANG, Siyuan~ 33:US ~31:63/340,595 ~32:11/05/2022

2024/08196 ~ Complete ~54:COMPOSITIONS COMPRISING METHYLYXANTHINES AND DISACCHARIDES DERIVED FROM ENZYMATIC CONVERSION OF SUCROSE ~71:FERTIS INDIA PVT. LTD., 6-3-668/10/56, Plot No 56, 1st Floor, Durga Nagar Colony, India ~72: KANUMURU, Rahul Raju;KOCHUMALAYIL, Shaji George;SURANENI, Ravikumar;VANA, Murali Mohanarao~ 33:IN ~31:202141052783 ~32:17/05/2022

2024/08197 ~ Complete ~54:GRINDING AID COMPOSITIONS AND METHODS OF USE ~71:LOCUS SOLUTIONS IPCO, LLC, 30600 Aurora Road, Suite 180, United States of America ~72: KNESEL, Gabriela~ 33:US ~31:63/356,553 ~32:29/06/2022

2024/08204 ~ Complete ~54:IMPROVED PROCESS FOR DEPOLYMERISING POLYETHYLENE TEREPHTHALATE ~71:EVONIK OPERATIONS GMBH, RELLINGHAUSER STRASSE 1-11, 45128 ESSEN, GERMANY, Germany ~72: MALTER, Jutta;REINSBERG, Philip, Heinrich;RUWWE, Johannes;SCHRÖDER, Moritz;THUM, Oliver~ 33:EP ~31:22166566.4 ~32:04/04/2022

2024/08209 ~ Complete ~54:COMPOSITIONS INCLUDING ENDOPHYTES FOR IMPROVING PLANT NUTRITION, GROWTH, AND PERFORMANCE AND METHODS OF USING THE SAME ~71:Intrinsyx Bio Inc., 319 N. Bernardo Ave., MOUNTAIN VIEW 94043 , CA, USA, United States of America;University of Washington, 4545 Roosevelt Way Ne, Suite 400, SEATTLE 98105, WA, USA, United States of America ~72: BAKER, Douglas;DOTY, Sharon L.;FREEMAN III, John L.;GRECH, Nigel;HAYWOOD, John~ 33:US ~31:63/331,119 ~32:14/04/2022

2024/08210 ~ Complete ~54:OXADIAZOLE HDAC6 INHIBITORS AND USES THEREOF ~71:Eikonizo Therapeutics, Inc., 245 Main Street, 2nd Floor, CAMBRIDGE 02142, MA, USA, United States of America ~72: RICHARDSON, Thomas Edward;WAGNER, Florence Fevrier~ 33:US ~31:63/329,143 ~32:08/04/2022

2024/08225 ~ Complete ~54:MRNA ENCODING A CONSTITUTIVELY-ACTIVE CYCLIC GMP-AMP SYNTHASE AND LIPID DELIVERY VEHICLES FOR SAME ~71:CORNER THERAPEUTICS, INC., 300 North Beacon Street, Building 39, Suite 202, Watertown, Massachusetts, 02472, United States of America ~72: ANASTASIA NIKIFOROV;DANIA ZHIVAKI;DEBRUP SENGUPTA;EMILY GOSSELIN;JONATHAN CHOW~ 33:US ~31:63/341,987 ~32:13/05/2022

2024/08178 ~ Provisional ~54:SNATCH BLOCK ~71:SAFE-T-PACK (PTY) LIMITED, 10 Mahogany Avenue, Klerkindustria, South Africa ~72: BROWN, Paul;HOLLERAN, Clive~

2024/08187 ~ Complete ~54:SIMULATION, PREDICTION AND EVALUATION METHOD FOR COUPLING EFFECT OF URBANIZATION-RESOURCE-ENVIRONMENT SYSTEM ~71:Institute of Urban Environment,

Chinese Academy of Sciences, No. 1799 Jimei Avenue, Jimei District, Xiamen City, Fujian Province, 361021, People's Republic of China ~72: Guoqin ZHANG;Hongyi DOU~ 33:CN ~31:2024113583488 ~32:27/09/2024

2024/08192 ~ Complete ~54:A DRILL ASSEMBLY, A METHOD OF INSTALLING A VALVE, AND A VALVE INSTALLATION KIT ~71:GOVENDER, Preevin, 18 Whitehall Place, Mount Edgecombe, DURBAN 4302, KZN, SOUTH AFRICA, South Africa ~72: GOVENDER, Preevin~ 33:ZA ~31:2023/10082 ~32:30/10/2023

2024/08191 ~ Complete ~54:COMPOSITE FILLER FOR ANTIMONY-CONTAINING WASTEWATER TREATMENT AND PREPARATION METHOD THEREFOR ~71:LOVE-SOIL ENGINEERING ENVIRONMENTAL TECHNOLOGY CO., LTD., Room 1803, 18th Floor, No. 41, East 4th Ring Middle Road, Chaoyang District, Beijing, 100025, People's Republic of China;LOVE-SOIL WATER AND ENVIRONMENTAL TECHNOLOGY (HUNAN) CO., LTD., 203, Building 3, Dark Tea Industry Park, Economic Development Area, Dongping Town, Anhua County, Yiyang, Hunan, 413599, People's Republic of China ~72: DEYUN MA;FENGYING ZHANG;LYU HE;NA LI;SHAOJIE LIU;WEI XIAO;XIAOWEI GUO;YUYAO ZHOU~ 33:CN ~31:202311801283.5 ~32:26/12/2023

2024/08179 ~ Provisional ~54:A SERVING PADDLE ~71:Jorge Gouveia FERREIRA, 98 Lindeque Street, Meyersdal, Alberton, 1148, South Africa;Paulo Miguel Pereira LOPES, Sunset Boulevard - Unit 10, 14 Palomino Street, Meyersdal, Alberton, 1448, South Africa;Ricardo Jose Pereira LOPES, 23 Mont Rose, Lincoln Avenue, New Redruth, Alberton, 1448, South Africa ~72: Jorge Gouveia FERREIRA;Paulo Miguel Pereira LOPES;Ricardo Jose Pereira LOPES~

2024/08183 ~ Complete ~54:ANTI-ADHESION FIXING POLYMER AND USE IN PHYSICAL TONER THEREOF ~71:HANDAN HANGUANG OA TONER CO.,LTD., No.8 Shanqbi East Street, No. 12 Zhongchuan Road Economic Development Zone Handan, People's Republic of China ~72: Heng YU;Lijing ZHAO;Liyang DU;Wang GUO;Xiaoguang LI;Xiaoguang ZHANG;Yanpo WANG;Zhiwei SUN~ 33:CN ~31:202411341323.7 ~32:25/09/2024

2024/08218 ~ Complete ~54:OLIGONUCLEOTIDE ~71:Academisch Ziekenhuis Leiden h.o.d.n. LUMC, Albinusdreef 2, LEIDEN 2333 ZA, THE NETHERLANDS, Netherlands ~72: MATTHEE, Bianca;PRINS, Jurriën;VAN DER VEER, Eric Peter;VAN ZONNEVELD, Anton Jan~ 33:EP ~31:22172149.1 ~32:06/05/2022

2024/08221 ~ Complete ~54:TREATMENT OF AUTOIMMUNE DISEASES WITH ENGINEERED IMMUNE CELLS ~71:Caribou Biosciences, Inc., 2929 7th Street, Suite 105, BERKELEY 94710, CA, USA, United States of America ~72: KANNER, Steven B.;KWONG, George~ 33:US ~31:63/349,286 ~32:06/06/2022;33:US ~31:63/379,564 ~32:14/10/2022

2024/08226 ~ Complete ~54:POLYMERIC MATERIALS AND ADDITIVES THEREFOR ~71:COLORMATRIX HOLDINGS, INC., Avient Corporation – IP Dept, 33587 Walker Road, Avon Lake, Ohio, 44012, United States of America ~72: CHRISTOPHER STARKIE;MATTHEW JACKSON~ 33:GB ~31:2209528.5 ~32:29/06/2022

2024/08229 ~ Complete ~54:NUCLEIC ACIDS ENCODING A CONSTITUTIVELY-ACTIVE CYCLIC GMP-AMP SYNTHASE AND IMMUNOGENIC DELIVERY VEHICLES FOR SAME ~71:CORNER THERAPEUTICS, INC., 300 North Beacon Street, Building 39, Suite 202, Watertown, Massachusetts, 02472, United States of America ~72: ANASTASIA NIKIFOROV;DANIA ZHIVAKI;DEBRUP SENGUPTA;EMILY GOSSELIN;JONATHAN CHOW~ 33:US ~31:63/341,984 ~32:13/05/2022

2024/08231 ~ Complete ~54:CONJUGATE OF NUCLEOTIDE ANALOG-CONTAINING DOUBLE-STRANDED RNAI ANALOG ~71:BASECURE THERAPEUTICS, 358, No.88 Meiliang Road, Mashan Street, People's Republic of China ~72: CHEN, Shi;CHEN, Shuhui;DING, Charles Z.;HE, Haiying;HU, Lihong;LU, Jianyu~ 33:CN ~31:202210477929.8 ~32:29/04/2022;33:CN ~31:202211106626.1 ~32:09/09/2022

2024/08185 ~ Complete ~54:A LIMITING RANGE EXTENDER COLD START ENGINE OVERSPEED CONTROL DEVICE ~71:YUEXIN CONTEMPORARY AMPEREX TECHNOLOGY CO., LTD, Office Building 3, Henan Yuexin Intelligent Machinery Co., Ltd., northwest corner of Lanxin Road and Fuyang Road in Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Gao Peiqi;Xing Junqi;Yang Hui;Zhao Qianyang;Zhu Yaozhan~ 33:CN ~31:202410280399.7 ~32:12/03/2024

2024/08190 ~ Complete ~54:MASP-2 INHIBITORS AND METHODS OF USE ~71:Omeros Corporation, 201 Elliott Avenue West, SEATTLE 98119, WA, USA, United States of America ~72: CUTSHALL, Neil S.;DAVIS, Melinda;GAGE, Jennifer Lynn;GOLDSTEIN, Sara Rebecca;KESHIPEDDY, Santosh Kumar;KWON, Do Yeon;LEMUS, Robert Huerta;LITTLE, Thomas L.;METZ, Markus;NGUYEN, Jeremiah H.;NOLLERT VON SPECHT, Peter Kurt;TSOUNG, Jennifer~ 33:US ~31:62/943,599 ~32:04/12/2019

2024/08208 ~ Complete ~54:REBAR-FREE PRESTRESSED CONCRETE AND FORMING METHOD THEREFOR ~71:CHINA BUILDING MATERIALS ACADEMY CO., LTD., No.1 Guanzhuang Dongli, Chaoyang District, Beijing, 100024, People's Republic of China ~72: Ling WANG;Zhendi WANG~ 33:CN ~31:202210481648.X ~32:05/05/2022

2024/08212 ~ Complete ~54:A METHOD OF CONTROLLING WEEDS ~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: DOWNES, Joe;JACKSON, Lucy~ 33:EP ~31:22174679.5 ~32:20/05/2022

2024/08223 ~ Complete ~54:OPTIMAL SCHEME OF VASODILATION AFTER AUTOGENOUS ARTERIOVENOUS FISTULA OPERATION ~71:THE SECOND AFFILIATED HOSPITAL OF NANCHANG UNIVERSITY, No.1 Minde Road, Donghu District, Nanchang, Jiangxi, 330008, People's Republic of China ~72: Ben Ke;Chong Huang;Jinjing Huang;Yanxia Chen~

2024/08184 ~ Complete ~54:TRADITIONAL CHINESE MEDICINE COMPOSITE FOR TREATING CHRONIC NEPHRITIS AND NEPHROTIC SYNDROME, AND PHARMACEUTICAL PREPARATION THEREOF ~71:AFFILIATED HOSPITAL OF SHANDONG UNIVERSITY OF TRADITIONAL CHINESE MEDICINE, No. 42 Wenhua West Road, Jinan City, Shandong Province, 250011, People's Republic of China ~72: GAO, Ying;HUA, Zhen;JIANG, Feng;LI, Xia;LIU, Yingying;WANG, Zhenyuan;YANG, Wenna;YIN, Xiaoshuang;YU, Jie;ZHANG, Lei~

2024/08188 ~ Complete ~54:ACNE MARK AND SCAR CREAM ~71:HASSEN, Mohammed Ameen, 1315 Illovo Central, 70 Melville Road, Illovo, Johannesburg 2196, Gauteng, SOUTH AFRICA, South Africa ~72: HASSEN, Rafeek~

2024/08193 ~ Complete ~54:AUTOMATIC WINDOW OPENING SYSTEM FOR VEHICLES IN EMERGENCY SITUATIONS ~71:Hebei Xinshan Building Materials Co., Ltd., No. 7, East District, Fengda Industrial Park, Jingxing Mining Area, Shijiazhuang City, Hebei Province, 050100, People's Republic of China ~72: Chu Jianfeng;Chu Yansong;Chu Ziwei;Li Mingchao;Tao Jingqiu;Yu Liang~ 33:CN ~31:202411339826.0 ~32:25/09/2024

2024/08195 ~ Complete ~54:INTELLIGENT MEDICAL TERMINAL FOR GERIATRIC HEALTH MANAGEMENT ~71:Chuzhou University, No. 2, Langya West Road, Chuzhou City, Anhui Province, 239000, People's Republic of China;Nanjing Pukou People's Hospital, Nanjing, China (Jiangsu Province Hospital Pukou Branch), No. 166, Shanghe Street, Pukou District, Nanjing, Jiangsu, 211800, People's Republic of China ~72: CAO, Lihua;CHEN, Gangling;XU, Wei~ 33:CN ~31:202311697760.8 ~32:11/12/2023

2024/08202 ~ Complete ~54:SYSTEM AND METHOD FOR DETERMINING PARAMETERS FOR FOAM PRODUCTION ~71:EVONIK OPERATIONS GMBH, RELLINGHAUSER STRASSE 1-11, 45128 ESSEN,

GERMANY, Germany ~72: KIWITT, Jörn;LANDERS, Rüdiger;TOMUSCHAT, Philipp~ 33:EP ~31:22167344.5
~32:08/04/2022

2024/08207 ~ Complete ~54:A DOWNHOLE VENTILATION MECHANISM ~71:Shaanxi Energy Institute, No. 29,
Middle Section of Wenlin Road, Weicheng District, Xianyang City, Xianyang City, 712000, People's Republic of
China ~72: Bing Chen;Dongdong Zhang;Fei Cheng;Jin Zhang;Yafei Fang~

- APPLIED ON 2024/10/31 -

2024/08236 ~ Provisional ~54:TETHERED PIVOT IRRIGATION SYSTEM ~71:ACKERMANN, Christiaan, 9
SILVERBOOM KLOOF ROAD, SOMERSET-WEST, 7130, SOUTH AFRICA, South Africa ~72: ACKERMANN,
Christiaan~

2024/08255 ~ Complete ~54:COMPOSITIONS AND METHODS FOR TREATING POLYMYALGIA RHEUMATICA
BY ADMINISTERING AN IL-6R ANTAGONIST ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill
River Road, Tarrytown, United States of America;SANOFI BIOTECHNOLOGY, 82 avenue Raspail, 94250
Gentilly, France ~72: AKINLADE, Bola;ARAUJO, Lita;CURTIS, Jeffrey;FIORE, Stefano;FORD,
Kerri;GIANNELOU, Angeliki;ISAMAN, Danielle;LIN, Yong;LIU, Ying;MARRACHE, Frédéric;NIVENS,
Chad;SLOANE LAZAR, Jennifer;WONG, Wanling~ 33:US ~31:63/327,850 ~32:06/04/2022;33:US
~31:63/350,761 ~32:09/06/2022;33:US ~31:63/389,317 ~32:14/07/2022;33:US ~31:63/424,035
~32:09/11/2022;33:US ~31:63/424,627 ~32:11/11/2022;33:US ~31:63/445,329 ~32:14/02/2023;33:US
~31:63/445,331 ~32:14/02/2023;33:US ~31:63/447,796 ~32:23/02/2023

2024/08258 ~ Complete ~54:SUSTAINED RELEASE SILICA HYDROGEL COMPOSITES FOR TREATING
OPHTHALMOLOGICAL CONDITIONS AND METHODS OF USING SAME ~71:ASTELLAS US LLC, 2375
Waterview Drive, Northbrook, Illinois 60062, United States of America ~72: GARY COOK;PRAVIN DUGEL;TATU
ASSMUTH~ 33:US ~31:63/357,631 ~32:30/06/2022

2024/08262 ~ Complete ~54:MONOCLONAL ANTIBODY AND BISPECIFIC ANTIBODY AGAINST C-MET
~71:Biotheus Inc., 10B, Building 4, No 1 Keji 7th Road, Tangjiawan Town, Xiangzhou District, ZHUHAI 519080,
GUANGDONG, CHINA (P.R.C.), People's Republic of China ~72: LUO, Yi;MIAO, Xiaoniu;WANG, Chao;WANG,
Ping;XU, Yingda;YAN, Yao;ZHANG, Jie;ZHAO, Jiaoyang~ 33:CN ~31:202210343364.4 ~32:02/04/2022;33:CN
~31:202210345737.1 ~32:02/04/2022

2024/08265 ~ Complete ~54:SYSTEM AND METHOD FOR SHARPENING THE FOCAL VOLUME OF
THERAPEUTIC AND IMAGING SYSTEMS ~71:University of Utah Research Foundation, 615 Arapeen Drive,
Suite #310, SALT LAKE CITY 84108, UT, USA, United States of America ~72: KUBANEK, Jan~ 33:US
~31:63/334,277 ~32:25/04/2022;33:US ~31:63/432,344 ~32:13/12/2022

2024/08241 ~ Complete ~54:INTEGRATION OF HIGH FREQUENCY AUDIO RECONSTRUCTION
TECHNIQUES ~71:DOLBY INTERNATIONAL AB, Apollo Building, 3E Herikerbergweg, 1-35, 1101 CN,
Amsterdam Zuidoost, Netherlands ~72: HEIKO PURNHAGEN;KRISTOFER KJOERLING;LARS
VILLEMOES;PER EKSTRAND~ 33:EP ~31:18169156.9 ~32:25/04/2018

2024/08249 ~ Complete ~54:METHOD FOR AUTOMATED PROCESSING OF NATURAL LANGUAGE TEXT
~71:KRAVCHENKO Artem Aleksandrovich, ul. Profsoyuznaya, d. 75, korp. 1, kv. 81, Moscow, 117342, Russian
Federation ~72: KRAVCHENKO Artem Aleksandrovich~ 33:RU ~31:2024127889 ~32:21/09/2024

2024/08256 ~ Complete ~54:CRYSTALLINE FORM OF 1,1,1,3,3,3-HEXAFLUOROPROPAN-2-YL (S)-1-
(PYRIDAZIN-3-YLCARBAMOYL)-6 AZASPIRO[2.5]OCTANE-6-CARBOXYLATE AS MONOACYLGLYCEROL
LIPASE INHIBITOR ~71:H. LUNDBECK A/S, Ottiliavej 9, 2500, Valby, Denmark ~72: AMY ALLAN;CHERYL A

GRICE;DANIEL J BUZARD;JEANNE V MOODY;JOHN J.M WIENER;JUSTIN S CISAR;MICHAEL B SHAGHAFI;NICHOLAS RAFFAELE;OLIVIA D WEBER;THOMAS VETTER~ 33:US ~31:63/338,252 ~32:04/05/2022

2024/08269 ~ Complete ~54:FLUORITE SYNTHETIC STONES AND METHOD OF MAKING FLUORITE SYNTHETIC STONES ~71:MEXICHEM FLUOR S.A. DE C.V., Eje 106, (sin número), Zona Industrial, Mexico ~72: CÁRDENAS DAW, Carlos;GARCÍA MARTÍNEZ, Gabriel A.;GUTIERREZ L., Luis Angel;MARTÍNEZ COSTA, Iván;RIVERA MARTÍNEZ, Rosa;VENEGAS RODRÍGUEZ, Paloma~ 33:US ~31:63/339,019 ~32:06/05/2022

2024/08270 ~ Complete ~54:PROCESS FOR ENHANCING PRODUCTION OF BIOFUELS FROM BIOMASS ~71:EXPANDER ENERGY INC., Suite 1140 - 10201 Southport Road SW, Calgary, Canada ~72: KRESNYAK, Steve;MIRHADI, Seyedamin;PAUL, Hendrik~ 33:US ~31:63/333,707 ~32:22/04/2022

2024/08238 ~ Complete ~54:METHOD FOR PRODUCING DECORATIVE ELEMENTS ~71:DEMAK S.R.L., Strada del Cascinotto 163, Italy ~72: Alberto MENOZZI;Maurizio GASTALDI~ 33:IT ~31:102024000011062 ~32:16/05/2024

2024/08245 ~ Complete ~54:ELECTRICAL ADAPTER AND METHOD ~71:LHA SYSTEMS (PTY) LTD, 1 Innovation Centre II, Meson str, Technopark, South Africa ~72: MALAN, Christo Hugo;ROSSOUW, Louis Hendrik Albertus;VAN DEVENTER, Martin Albert~ 33:ZA ~31:2023/07554 ~32:31/07/2023

2024/08254 ~ Complete ~54:TARGETED GENE THERAPY FOR DM-1 MYOTONIC DYSTROPHY ~71:GENZYME CORPORATION, 450 Water Street, Cambridge, Massachusetts, United States of America ~72: CHENG, Seng;JACOBO, Sarah Melissa;MORIGUCHI, Takako;O'RIORDAN, Catherine;RUAN, Guoxiang~ 33:US ~31:63/328,241 ~32:06/04/2022;33:US ~31:63/483,075 ~32:03/02/2023

2024/08261 ~ Complete ~54:ROBOTIC PLATFORM WITH DUAL TRACK ~71:OFF-WORLD, INC., 540 W. Woodbury Rd., Altadena, United States of America ~72: KAVELAARS, Alicia Teresa;KUMAR, Ashish;MUTHUVELU, Arjun;PATIL, Piyush;PENA, Vladimir;PIEIGA, Sergio, III;SRIVAS, Thayjes;TALON, Thibaud;WANG, Qiaozhi~ 33:US ~31:63/362,652 ~32:07/04/2022

2024/08272 ~ Complete ~54:NOX INHIBITORS FOR USE IN THE TREATMENT OF ALPORT SYNDROME ~71:CALLIDITAS THERAPEUTICS SUISSE SA, 16 Chemin des Aulx, Switzerland ~72: BARRATT, Jonathan;NOURI, Ebticem;PHILIPSON, Richard;SZYNDRALEWIEZ, Cédric~ 33:GB ~31:2206759.9 ~32:09/05/2022

2024/08243 ~ Complete ~54:SPRING CLIP FOR PHOTOVOLTAIC MODULE MOUNTING ~71:Array Technologies, Inc., 3901 Midway Place NE, ALBUQUERQUE 87109, NM, USA, United States of America ~72: DE FRESART, Benjamin C.~ 33:US ~31:63/078,177 ~32:14/09/2020;33:US ~31:63/195,629 ~32:01/06/2021;33:US ~31:17/474,607 ~32:14/09/2021

2024/08248 ~ Complete ~54:A LOW-TEMPERATURE MODIFIED ASPHALT FOR ALPINE REGIONS ~71:China Railway First Group Third Engineering Co., Ltd, No. 60 Binhe Avenue, Weibin District, Baoji City, Shaanxi Province, People's Republic of China ~72: Dang Jianfeng;Dang Jiangtao;Huang Lujie;Wang Xiaofeng~

2024/08267 ~ Complete ~54:PROCESS FOR THE RECOVERY OF ETHANOL FROM CRUDE ETHYL ACETATE ~71:Johnson Matthey Davy Technologies Limited, 5th Floor, 25 Farringdon Street, EC4A 4AB, LONDON, UNITED KINGDOM, United Kingdom ~72: BLIGHT, Richard James;CAMPBELL, Ian;HANNAN, Brendan Michael;TOHILL, Joseph~ 33:GB ~31:2208864.5 ~32:16/06/2022

2024/08242 ~ Complete ~54:AN EXHALATION RESISTANCE REHABILITATION DEVICE FOR COPD TREATMENT ~71:The First Affiliated Hospital of Hebei North University, No.12, Changqing Road, Qiaoxi District, Zhangjiakou City, Hebei Province, 075000, People's Republic of China ~72: Bu Wang;Haihong Qian;Kaiyan Song;Liping Chen;Ping Feng;Zexuan Ji;Zhihua Zhang~

2024/08246 ~ Complete ~54:AN ENERGY-SAVING AND ENVIRONMENTALLY FRIENDLY LOW-TEMPERATURE ASPHALT MODIFIER SUITABLE FOR HIGH-TEMPERATURE REGIONS ~71:China Railway First Group Third Engineering Co., Ltd, No. 60 Binhe Avenue, Weibin District, Baoji City, Shaanxi Province, People's Republic of China ~72: Chen Rong;Huang Lujie;Sun Yongzhen;Wang Xiaofeng~

2024/08251 ~ Complete ~54:METHOD FOR FORMING A TEXT CORPUS ~71:KRAVCHENKO Artem Aleksandrovich, ul. Profsoyuznaya, d. 75, korp. 1, kv. 81, Moscow, 117342, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich~ 33:RU ~31:2024127890 ~32:21/09/2024

2024/08263 ~ Complete ~54:PI3KA INHIBITORS AND METHODS OF USE THEREOF ~71:Relay Therapeutics, Inc., 399 Binney Street, 2nd Floor, CAMBRIDGE 02139, MA, USA, United States of America ~72: ATIENZA, Bren-Jordan;BAUM, Erich W.;BOEZIO, Alessandro;BURNIE, Andrew J.;DENINNO, Michael Paul;FRIDRICH, Cary Griffin;GUNAYDIN, Hakan;KRUEGER, Elaine B.;LARIVÉE, Alexandre;LEPITRE, Thomas;MAERTENS, Gaetan;MCLEAN, Thomas H.;MOHAMED, Tarek;MOUSTAKAS, Demetri T.;PAN, Yue;PERREAULT, Christian;RAYNOR, Kevin David;SHORTSLEEVES, Kelley C.;THOMSON, Christopher~ 33:US ~31:63/364,459 ~32:10/05/2022

2024/08277 ~ Provisional ~54:FIRE FREEZE ~71:Thabo Khunyedi, 2 Gazania Close, South Africa ~72: Thabo Khunyedi~

2024/08235 ~ Provisional ~54:DOG TRAINER TOY ~71:Sagaren Payinee Naidoo, 3 Eves Road Mulbarton 2190 Johannesburg ,, South Africa ~72: Sagaren Payinee Naidoo~

2024/08240 ~ Complete ~54:METHOD FOR DETERMINING ROCK MASS SHEAR STRENGTH BASED ON INTEGRATED LINEAR FOREST AND WHILE-DRILLING PARAMETERS ~71:Central South University, No. 932 Lushan South Road, Changsha, Hunan, People's Republic of China;Kunming Prospecting Design Institute Of China Nonferrous Metals Industry Co.,Ltd, No.1 Dongfeng Lane, Dongfeng East Road, Kunming, Yunnan, People's Republic of China ~72: Jian ZHOU;Jie KANG;Ju MA;Kun DU;Rui BAO;Shuai HUANG;Su WANG;Weixun YONG;Yingui QIU;Yuxin CHEN;Zhenyuan XIE;Zhida LI~ 33:CN ~31:2023115194511 ~32:15/11/2023

2024/08244 ~ Complete ~54:BAG TRANSFORMABLE INTO A GAMING STUMP ~71:DECATHLON, 4 Boulevard de Mons, France ~72: RAJAGOPAL, Sajan;SHAIKH, Abid Shabbir;SREEDHARAN, Sharath~ 33:FR ~31:2311879 ~32:31/10/2023

2024/08253 ~ Complete ~54:HUMAN EPENDYMA-SPECIFIC PROMOTER AND USES THEREOF ~71:THE CHILDREN'S HOSPITAL OF PHILADELPHIA, 3401 Civic Center Boulevard, United States of America;THE GENERAL HOSPITAL CORPORATION, 55 Fruit Street, United States of America ~72: CARRELL, Ellie;CHEN, Yonghong;DAVIDSON, Beverly;HYMAN, Bradley;JACKSON, Rosemary Joan;KEISER, Megan S.~ 33:US ~31:63/333,979 ~32:22/04/2022;33:US ~31:63/381,689 ~32:31/10/2022;33:US ~31:63/482,155 ~32:30/01/2023

2024/08264 ~ Complete ~54:AAV CAPSID VARIANTS AND USES THEREOF ~71:Voyager Therapeutics, Inc., 75 Hayden Ave., LEXINGTON 02421, MA, USA, United States of America ~72: HOU, Jinzhao;LI, Jiangyu;LIN, Jing;NONNENMACHER, Mathieu Emmanuel;WANG, Hongxing;WANG, Wei~ 33:US ~31:63/348,154 ~32:02/06/2022;33:US ~31:63/501,935 ~32:12/05/2023

2024/08239 ~ Complete ~54:METHODS AND TREATMENT OF TRAUMA ~71:HEMANEXT INC., 99 Hayden Avenue, Building B, Suite 620, United States of America ~72: DUNHAM, Andrew;YOSHIDA, Tatsuro~ 33:US ~31:62/508,783 ~32:19/05/2017

2024/08266 ~ Complete ~54:MALTED DEHUSKED BARLEY ~71:Heineken Supply Chain B.V., Burgemeester Smeetsweg 1, ZOETERWOUDE 2382 PH, THE NETHERLANDS, Netherlands ~72: BEKKERS, Augustinus Cornelius Aldegonde Petrus Albert;HOEKMAN, Christine Lidian;VISSCHER, Hendrik Jan;VISSENAEKENS, Johan Franciscus Maria~ 33:EP ~31:22171872.9 ~32:05/05/2022;33:EP ~31:22171877.8 ~32:05/05/2022;33:EP ~31:22212918.1 ~32:12/12/2022

2024/08268 ~ Complete ~54:LOCKING MECHANISM WITH ANTI-ROTATION ~71:Zeal Innovation Ltd, c/o Bevan & Buckland Langdon House, Langdon Road, Swansea Waterfront, SWANSEA SA1 8QY, UNITED KINGDOM, United Kingdom ~72: BARRON, Neil Anthony~ 33:GB ~31:2204829.2 ~32:01/04/2022

2024/08260 ~ Complete ~54:PROTEIN AND BIOPOLYMER COMPLEXES AND METHODS OF MAKING AND USING THE SAME ~71:CORNELL UNIVERSITY, 395 Pine Tree Road, Suite 310, United States of America;DAIRY MANAGEMENT INC., 10255 W. Higgins Road, Suite 900, United States of America ~72: ABBASPOURRAD, Alireza;DADMOHAMMADI, Younas;DONG, Hongmin;KAPOOR, Rohit;LIN, Tiantian;MELETHARAYIL, Gopinathan H.;NASHED, Emil S.;ZHOU, Yufeng~ 33:US ~31:63/342,287 ~32:16/05/2022

2024/08250 ~ Complete ~54:METHOD FOR FORMING A TEXT CORPUS WITH PRELIMINARY SEGMENTATION ~71:KRAVCHENKO Artem Aleksandrovich, ul. Profsoyuznaya, d. 75, korp. 1, kv. 81, Moscow, 117342, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich~ 33:RU ~31:2024127891 ~32:21/09/2024

2024/08252 ~ Complete ~54:METHOD FOR FORMING A DATABASE ~71:KRAVCHENKO Artem Aleksandrovich, ul. Profsoyuznaya, d. 75, korp. 1, kv. 81, Moscow, 117342, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich~ 33:RU ~31:2024127896 ~32:21/09/2024

2024/08259 ~ Complete ~54:INDAZOLE MACROCYCLES AND THEIR USE ~71:BLOSSOMHILL THERAPEUTICS, INC., 3525 John Hopkins Court, Suite 100 San Diego, California 92121, United States of America ~72: DAYONG ZHAI;EUGENE YUANJIN RUI;EVAN W ROGERS;JANE UNG;JINGRONG JEAN CUI;PING JIANG;WEI DENG~ 33:US ~31:63/350,307 ~32:08/06/2022;33:US ~31:63/501,114 ~32:09/05/2023

2024/08271 ~ Complete ~54:MODIFIED SOPHOROLIPIDS WITH ENHANCED DEFOAMING PROPERTIES ~71:LOCUS SOLUTIONS IPCO, LLC, 30600 Aurora Road, Suite 180, United States of America ~72: HAGAMAN, Daniel;MORRIS, Andrew;SPEIGHT, Lee~ 33:US ~31:63/388,419 ~32:12/07/2022

2024/08237 ~ Complete ~54:BLAST PLUG ~71:ENG CONSULTING SERVICES (PTY) LTD, Portion 104 Farm 512, Vaalbank, Rustenburg Road, South Africa ~72: DUFFIELD, Eric Jurgens;YOULDON, Gavin Ronald~ 33:ZA ~31:2023/08132 ~32:23/08/2023

2024/08247 ~ Complete ~54:ELECTRO-CATALYST WITH BISMUTH-DOPED CO₃O₄ NANOFLAKE, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF ~71:Zhejiang University of Technology, 18 Chaowang Road, Gongshu District, Hangzhou City, Zhejiang Province, 310014, People's Republic of China ~72: Cao Xiehong;Liu Wenxian;Shi Wenhui;Tang Jiawei;Wu Fangfang;Yin Ruilian~

2024/08257 ~ Complete ~54:EGFR INHIBITORS ~71:BLUEPRINT MEDICINES CORPORATION, 45 Sidney Street, Cambridge, Massachusetts, 02139, United States of America ~72: DILINIE PRASADHINI FERNANDO;EMANUELE PEROLA;JOHN EMMERSON CAMPBELL;KEVIN K BARVIAN;MEREDITH SUZANNE

ENO;OMAR AHMAD;QUENTIN PERRON;THOMAS A DINEEN;VINICIUS BARROS RIBEIRO DA SILVA~ 33:US
~31:63/327,631 ~32:05/04/2022

2024/08273 ~ Complete ~54:MEDICAL ELECTRONIC WRISTBAND ~71:THE FIRST HOSPITAL OF JIAXING,
THE FIRST HOSPITAL OF JIAXING, People's Republic of China ~72: HOU, Guoxin;LU, Zhimin~

- APPLIED ON 2024/11/01 -

2024/08284 ~ Complete ~54:TRAFFIC LIGHT AI SMOOTH TRAFFIC CONTROL SYSTEM ~71:BaoEn Zhao,
South Gate, No. 22 Xingshikou Road, Haidian District, Beijing, People's Republic of China ~72: BaoEn Zhao~
33:CN ~31:2024112832888 ~32:13/09/2024

2024/08288 ~ Complete ~54:AUTOMATIC ASSEMBLY DEVICE FOR INTELLIGENT PRODUCTION OF BALL
VALVES ~71:Jiangsu YDF Valve Co., Ltd., YDF Industrial Zone, Shangzhuang Town, Yandu District, Yancheng,
Jiangsu, 224023, People's Republic of China ~72: CHU, Zhenhua;LI, Changyue;LIU, Jiang;MA, Haifeng;WANG,
Shiming;XIA, Yong;XU, Chuan~ 33:CN ~31:202311379872.9 ~32:24/10/2023

2024/08291 ~ Complete ~54:AN ELECTRIC FIELD-ENHANCED ORGANIC WASTE TREATMENT METHOD
~71:Xingzhi College Zhejiang Normal University, No. 3388, Yingbin Avenue, Shanghua Street, Lanxi City, Jinhua
City, Zhejiang Province, 321100, People's Republic of China ~72: Hansong Chen;Jie Zhang;Man Yu;Ting Wu;Yue
Chen~

2024/08298 ~ Complete ~54:BEVERAGE POD SYSTEM ~71:Société des Produits Nestlé S.A., Avenue Nestlé
55, VEVEY 1800, SWITZERLAND, Switzerland ~72: ASMAR, Aramia;BÜRGE, Larry Lukas;FRAGNIÈRE,
Frédéric;GEMPERLE, Armin;QUATTRONE, Silvia~ 33:EP ~31:22167453.4 ~32:08/04/2022

2024/08301 ~ Provisional ~54:FIRE SPRINKLER CHEMICAL FORTIFICATION ~71:Robert Sidney Crick, 26
Bodley Road, Laezonia AH, Pretoria, 0026, South Africa ~72: Robert Sidney Crick~

2024/08297 ~ Complete ~54:BEVERAGE POD SYSTEM WITH POD HOLDER ~71:Société des Produits Nestlé
S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: ASMAR, Aramia;EISENBART,
Alex;FRAGNIERE, Frédéric;QUATTRONE, Silvia;ZÜLLIG, Michael~ 33:EP ~31:22167449.2 ~32:08/04/2022

2024/08275 ~ Provisional ~54:HAIR DETANGLING SYSTEM ~71:DOUGLAS, André James Thomas, 260 Via
Colinas, Westlake Village, United States of America ~72: DOUGLAS, André James Thomas~

2024/08276 ~ Provisional ~54:DRAWING APPARATUS ~71:DOUGLAS, André James Thomas, 260 Via Colinas,
Westlake Village, United States of America ~72: DOUGLAS, André James Thomas~

2024/08285 ~ Complete ~54:FRESH-SQUEEZED CHERRY FRUIT AND VEGETABLE JUICE TYPE DRAFT
BEER AND PREPARATION METHOD THEREOF ~71:Shandong Institute of Pomology, No. 66, Longtan Road,
Taqian Street, Tai'an City, Shandong Province, 271000, People's Republic of China ~72: GUO Xue;LIU
Cheng;LIU Zihan;QI Tingting;YANG Xuemei;YIN Hongyan;ZHANG Shigang~ 33:CN ~31:2024114244043
~32:12/10/2024

2024/08287 ~ Complete ~54:KIT FOR DETECTING NIPAH VIRUS NUCLEOPROTEIN ANTIBODY AND
APPLICATION THEREOF ~71:SHANGHAI VETERINARY RESEARCH INSTITUTE, CAAS (Chinese Animal
Health and Epidemiology Center Shanghai Branch), No.518 Ziyue Road, Minhang District, Shanghai, 200241,
People's Republic of China ~72: CHEN, Hongjun;LIU, Jingyi;LIU, Yingnan;SUN, Tong;SUN, Zhuyun~ 33:CN
~31:202410788017.1 ~32:18/06/2024

2024/08293 ~ Complete ~54:BEVERAGE POD SYSTEM WITH POD RECOGNITION ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: ASMAR, Aramia;BÜRGE, Larry Lukas;FRAGNIÈRE, Frédéric;GEMPERLE, Armin;QUATTRONE, Silvia~ 33:EP ~31:22167448.4 ~32:08/04/2022

2024/08280 ~ Complete ~54:REMOVABLE HOLDER WITH CONTROLLED MOVABLE MASSAGE MODULE FOR MASSAGE DEVICE WITH INTERMEDIATE ELEMENT ~71:LIMITED LIABILITY COMPANY "SPEKTRIA", VN.TER.G. MUNITSYPALNYJ OKRUG KHOVRINO, UL FLOTSKAYA, D. 7, POMESHCH. 681N, OFIS 1N, MOSCOW, 125581, Russian Federation ~72: MONAKU Vitalii Georgievich~ 33:RU ~31:2024129565 ~32:02/10/2024

2024/08283 ~ Complete ~54:REMOVABLE HOLDER WITH CONTROLLED MOVABLE MASSAGE MODULE FOR MASSAGE DEVICE ~71:LIMITED LIABILITY COMPANY "SPEKTRIA", VN.TER.G. MUNITSYPALNYJ OKRUG KHOVRINO, UL FLOTSKAYA, D. 7, POMESHCH. 681N, OFIS 1N, MOSCOW, 125581, Russian Federation ~72: MONAKU Vitalii Georgievich~ 33:RU ~31:2024129568 ~32:02/10/2024

2024/08286 ~ Complete ~54:METHOD AND SYSTEM FOR MONITORING STABILITY OF OFFSHORE WIND POWER PILE FOUNDATION ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China;Henan Zhongya Communications Construction Group Co., Ltd, Intersection of Huanghe Road and Xinhua Road, Zhanhe District, Pingdingshan City, Henan Province, 467003, People's Republic of China;Zhongben Testing Certification Co., Ltd, No.9 Zeyu Street, Zhengdong New District, Zhengzhou City, Henan Province, 451460, People's Republic of China ~72: DENG Chaowei;LIU Heng;REN Mingyang;SONG Shuaiqi;WU Qiong;ZHANG Haiyang~

2024/08289 ~ Complete ~54:LONG-ACTING GRANULOCYTE MACROPHAGE-COLONY STIMULATING FACTOR ~71:PARTNER THERAPEUTICS, INC., 19 MUZZEY STREET, LEXINGTON MA 02421, USA, United States of America ~72: FELDHAUS, Michael;LOU, Yi;MIAO, Xiaoniu;WANG, Chao;ZOU, Yuefeng~ 33:US ~31:63/329,039 ~32:08/04/2022

2024/08290 ~ Complete ~54:INJECTION MOLDED SCREENING APPARATUSES AND METHODS ~71:DERRICK CORPORATION, 590 Duke Road, Buffalo, United States of America ~72: DEMAY, Alex;STODOLKA, Kurt~ 33:US ~31:63/328,228 ~32:06/04/2022

2024/08292 ~ Complete ~54:PENDULUM IMPACT TESTING MACHINE ~71:SHANDONG WANDA CHEMICAL CO., LTD., No. 68, Yongshen Road,, Dongying, Shandong, 257500, People's Republic of China;WANDA GROUP CO., LTD., North Yongshen Road, Kenli District, Dongying, Shandong, 257500, People's Republic of China ~72: BA, Wenyan;GUO, Lingxiao;LI, Xuezhi;LI, Zhikang;LIU, Shuifeng;QIN, Zengliang;SHANG, Jiyong;WANG, Haichuan;XIE, Fengming;YAN, Zengfeng;ZHANG, Qianqian~ 33:CN ~31:202210395852.X ~32:15/04/2022

2024/08281 ~ Complete ~54:REMOVABLE HOLDER WITH CONTROLLED MOVABLE MASSAGE MODULE FOR MASSAGE DEVICE WITH CARRIER ELEMENT ~71:LIMITED LIABILITY COMPANY "SPEKTRIA", VN.TER.G. MUNITSYPALNYJ OKRUG KHOVRINO, UL FLOTSKAYA, D. 7, POMESHCH. 681N, OFIS 1N, MOSCOW, 125581, Russian Federation ~72: MONAKU Vitalii Georgievich~ 33:RU ~31:2024129566 ~32:02/10/2024

2024/08274 ~ Provisional ~54:FCCS V3 ~71:REDPRO (PTY) LTD, 36 Alkantrant Road, Lynnwood Corporate Park, Building B, Lynnwood Manor, South Africa ~72: Daniel G Claassen~ 33:ZA ~31:2023/07925 ~32:15/08/2023

2024/08279 ~ Complete ~54:VERTICAL ROTATION CONSTRUCTION METHOD OF STEEL ARCH FRAME OF REINFORCED CONCRETE ARCH BRIDGE ~71:CCCC Road & Bridge Construction Co., Ltd., Room 216, No. 7 Wuxing Road, Lucheng Town, Tongzhou District, Beijing, 101100, People's Republic of China;CCCC Urban

Construction (Sichuan) Co., Ltd., No. 8-14, 16th Floor, Building 1, No. 1599, Section 3, Guanghua Avenue, Wenjiang District, Chengdu, Sichuan Province, 611100, People's Republic of China ~72: DANG, Tiehu;GAO, Yong;JIANG, Delin;LI, Guoming;LI, Qian;LIU, Han;LU, Guannan;MENG, Junnan;WANG, Chaosheng;WANG, Jiajun;YU, Guoyu;YU, Jinbei;ZHENG, Yi~ 33:CN ~31:2023115591145 ~32:22/11/2023

2024/08282 ~ Complete ~54:REMOVABLE HOLDER WITH CONTROLLED MOVABLE MASSAGE MODULE FOR MASSAGE DEVICE WITH CARRIER ELEMENT AS A BASE ~71:LIMITED LIABILITY COMPANY "SPEKTRIA", VN.TER.G. MUNITSYPALNYJ OKRUG KHOVRINO, UL FLOTSKAYA, D. 7, POMESHCH. 681N, OFIS 1N, MOSCOW, 125581, Russian Federation ~72: MONAKU Vitalii Georgievich~ 33:RU ~31:2024129567 ~32:02/10/2024

2024/08294 ~ Complete ~54:FABRIC CARE COMPOSITION ~71:Givaudan SA, Chemin de la Parfumerie 5, VERNIER 1214, SWITZERLAND, Switzerland ~72: DI MARTINO, Sergio;GENCARELLI, Ralph;MIRZA, Muhammad~ 33:US ~31:63/327,141 ~32:04/04/2022

2024/08278 ~ Complete ~54:SELF-LEVELING DEVICE AND METHOD FOR INSTALLING A COMPOSITE PLATE ~71:CCCC Road & Bridge Construction Co., Ltd., Room 216, No. 7 Wuxing Road, Lucheng Town, Tongzhou District, Beijing, 101100, People's Republic of China;CCCC Urban Construction (Sichuan) Co., Ltd., No. 8-14, 16th Floor, Building 1, No. 1599, Section 3, Guanghua Avenue, Wenjiang District, Chengdu, Sichuan Province, 611100, People's Republic of China ~72: CHEN, Zhen;DENG, Chuanwei;DENG, Zeshuai;DENG, Zewei;LI, Qian;LI, Yuguang;PAN, Wei;WU, Dandan;ZHENG, Yi~ 33:CN ~31:2024102574432 ~32:07/03/2024

2024/08295 ~ Complete ~54:CELLS HAVING SOLID TUMOR TARGETING BACKBONE AND USE THEREOF ~71:Fate Therapeutics, Inc., 12278 Scripps Summit Drive, SAN DIEGO 92131, CA, USA, United States of America ~72: CHANG, Chia-Wei;HOSKING, Martin;LEE, Tom Tong;PERALTA, Eigen;VALAMEHR, Bahram~ 33:US ~31:63/329,364 ~32:08/04/2022;33:US ~31:63/380,378 ~32:20/10/2022

2024/08296 ~ Complete ~54:AN ELECTRIC GENERATOR PHASE RING HANDLING TOOL, A SYSTEM FOR SERVICING OR INSTALLING ONE OR MORE PHASE RINGS IN AN ELECTRIC GENERATOR COMPRISING SAID HANDLING TOOL AND A METHOD FOR SERVICING OR INSTALLING ONE OR MORE PHASE RINGS IN AN ELECTRIC GENERATOR WITH SAID SYSTEM ~71:General Electric Technology GmbH, Brown Boveri Strasse 8, BADEN 5400, SWITZERLAND, Switzerland ~72: BREUILLARD, Luc Andre Marie;VOUILLLOT, Romain Marie-Pierre Patrick~

- APPLIED ON 2024/11/04 -

2024/08303 ~ Provisional ~54:A BLAST MITIGATION BARRIER AND METHOD OF ERECTING SAME ~71:BLACKLER, Rodney, 28 North Tugela Street, Carletonville, 2499, Gauteng, SOUTH AFRICA, South Africa ~72: BLACKLER, Rodney~

2024/08310 ~ Complete ~54:A SET COMPRISING A BED EQUIPPED WITH A PENDULUM MECHANISM AND A DEVICE FOR ACTUATING THE PENDULUM MECHANISM WITH AN EXTERNAL CONTROL DEVICE ~71:LACUNA LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG OTRADNOYE, PROYEZD VYSOKOVOLTIY, D. 21 STR. 5, Moscow, 127566, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129117 ~32:30/09/2024

2024/08318 ~ Complete ~54:ASPERGILLUS NIGER FUNGUS FOR TOXICITY OF PLANT PARASITIC NEMATODES AND PREPARATION METHOD AND APPLICATION THEREOF ~71:Beijing Academy of Agriculture and Forestry Sciences, No.9 Middle Shuguanghuayuan Road, Haidian District, Beijing, 100097, People's Republic of China ~72: Dan DONG;Huiling WU;Taotao ZHANG;Ting LIU~

2024/08340 ~ Complete ~54:DEVICE FOR EMPTYING CONVEYING BUCKETS DURING THE SINKING OF SHAFTS ~71:HERRENKNECHT AG, Schlehenweg 2, 77963, Schwanau, Germany ~72: PATRICK RENNKAMP~33:DE ~31:10 2022 108 661.5 ~32:08/04/2022

2024/08302 ~ Provisional ~54:MAGNETIC AND PRESSURE SENSING JOYSTICK/THUMB STICK ~71:AZOTEQ HOLDINGS LIMITED, c/o Spyrou Kyprianou Avenue 20, Chapo Central, Cyprus ~72: BRUWER, Frederick Johannes;BRUWER, Frederick Johannes Jnr.;RADEMEYER, Daniel Barend~

2024/08330 ~ Complete ~54:METHOD FOR SYNTHESIZING LARGE-PARTICLE POLYBUTADIENE LATEX ~71:SHANDONG WANDA CHEMICAL CO., LTD., No. 68, Yongshen Road, Dongying, Shandong, 257500, People's Republic of China ~72: BA, Wenyan;GONG, Fei;GUO, Lingxiao;LI, Dongbo;LI, Zhikang;LIU, Yongfeng;SHANG, Huatai;XIE, Fengming~ 33:CN ~31:202211636068.X ~32:20/12/2022

2024/08305 ~ Provisional ~54:THE IMPROVEMENT FOR PV PANEL MOUNTING SYSTEM ~71:SALBEV WHOLESALERS AND MANUFACTURERS (RF) (PTY) LTD., Unit 10 Rinaldo Office Park, 50 Moreland Drive, Redhill, DURBAN 4051, Kwazulu Natal, SOUTH AFRICA, South Africa ~72: JOHNSON, Kevin James~

2024/08309 ~ Complete ~54:A SET COMPRISING A CHAIR EQUIPPED WITH A PENDULUM MECHANISM AND A DEVICE FOR ACTUATING THE PENDULUM MECHANISM ~71:LACUNA LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG OTRADNOYE, PROYEZD VYSOKOVOLTNIY, D. 21 STR. 5, Moscow, 127566, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129116 ~32:30/09/2024

2024/08314 ~ Complete ~54:COMPOSITION FOR ISOTHERMAL AMPLIFICATION DETECTION OF NIPAH VIRUS, METHOD AND KIT THEREOF ~71:SHANGHAI VETERINARY RESEARCH INSTITUTE, CAAS (Chinese Animal Health and Epidemiology Center Shanghai Branch), No.518 Ziyue Road, Minhang District, Shanghai, 200241, People's Republic of China ~72: CHEN, Hongjun;CHEN, Zongyan;LI, Tao;LIU, Jingyi;LIU, Yingnan;SUN, Tong;SUN, Zhuyun~ 33:CN ~31:202410231154.5 ~32:29/02/2024

2024/08316 ~ Complete ~54:FORGING FORMING PROCESS OF AUTOMOBILE HUB BEARING MANDREL ~71:ZheJiang ZhaoFeng Mechanical and Electronic CO.,LTD, No 6 ZhaoFeng Road, XiaoShan Economy & Technology Development Zone, HangZhou, People's Republic of China ~72: Fan Qingchun;Huang Jianghua;Ji Hongchao;Zhang Ri~

2024/08329 ~ Complete ~54:ASA RESIN AND PREPARATION METHOD THEREOF ~71:SHANDONG HUAYOU WANDA CHEMICAL CO., LTD., Shengtuo Town Government Resident, Kenli District, Dongying, Shandong, 257500, People's Republic of China;SHANDONG WANDA CHEMICAL CO., LTD., No. 68, Yongshen Road, Dongying, Shandong, 257500, People's Republic of China;WANDA GROUP CO., LTD., NorthYongshen Road, Kenli District, Dongying, Shandong, 257500, People's Republic of China ~72: GONG, Fei;GOU, Xiufeng;GUO, Lingxiao;LI, Zhikang;LIU, Yongfeng;REN, Mengmeng;SHANG, Huatai;XIE, Fengming~ 33:CN ~31:202310388854.0 ~32:13/04/2023

2024/08335 ~ Complete ~54:PEELED CHIT MALT ~71:Heineken Supply Chain B.V., Burgemeester Smeetsweg 1, ZOETERWOUDE 2382 PH, THE NETHERLANDS, Netherlands ~72: BEKKERS, Augustinus Cornelius Aldegonde Petrus Albert;HOEKMAN, Christine Lidian;VISSCHER, Hendrik Jan;VISSENAEEKENS, Johan Franciscus Maria~ 33:EP ~31:22171872.9 ~32:05/05/2022;33:EP ~31:22171877.8 ~32:05/05/2022;33:EP ~31:22212918.1 ~32:12/12/2022

2024/08339 ~ Complete ~54:AN ENERGY-SAVING SILICON MANGANESE ALLOY CASTING DEVICE AND A PRODUCTION METHOD THEREOF ~71:INNER MONGOLIA PUYUAN FERROALLOY CO., LTD, Fengzhen

Fluorochemical Industrial Park West Zone, Ulanqab, Inner Mongolia, 012199, People's Republic of China ~72: Zhanbin Hu~ 33:CN ~31:202410509945.X ~32:26/04/2024

2024/08328 ~ Complete ~54:ACS ALLOY AND PREPARATION METHOD AND APPLICATION THEREOF ~71:SHANDONG HUAYOU WANDA CHEMICAL CO., LTD., Shengtuo Town Government Resident, Kenli District, Dongying, Shandong, 257500, People's Republic of China;SHANDONG WANDA CHEMICAL CO., LTD., No. 68, Yongshen Road, Dongying, Shandong, 257500, People's Republic of China;WANDA GROUP CO., LTD., NorthYongshen Road, Kenli District, Dongying, Shandong, 257500, People's Republic of China ~72: GONG, Fei;GOU, Xiufeng;GUO, Lingxiao;LI, Zhikang;LIU, Yongfeng;REN, Mengmeng;SHANG, Huatai;XIE, Fengming~ 33:CN ~31:202310390937.3 ~32:13/04/2023

2024/08338 ~ Complete ~54:AUGMENTATION OF ANTI-VIRAL AND ANTI-CANCER TREATMENTS BY COMBINATIONS OF POLY(I:C) AND CANNABIDIOL ~71:AKSEERA PHARMA CORP, 422 RICHARDS STREET, SUITE 170, VANCOUVER, BRITISH COLUMBIA V6B 2Z4, CANADA, Canada;DR. MERCHANT, Shreema, 15152, UNIT 22, 62A AVE, SURREY, BRITISH COLUMBIA V3S 1V1, CANADA, India;MERCHANT, Sheela, Harish, 802, ORCHID C, EVERSHINE PARK, VEERA DESAI RD, MAHARASHTRA, MUMBAI 400058, INDIA, India;PATEL, Manit, 15152, UNIT 22, 62A AVE, SURREY, BRITISH COLUMBIA V3S 1V1, CANADA, India ~72: DR. JADHAV, Vishal, Anant;DUNCAN, Robin, Elaine;FERNANDES, Maria Fernanda de Andrade;PATEL, Manit~ 33:IN ~31:202221020046 ~32:02/04/2022

2024/08304 ~ Provisional ~54:ADVANCED SYSTEM AND METHOD FOR ADAPTIVE AUDIOVISUAL CONTENT GENERATION USING MULTI-SIGNAL REAL-TIME PHYSIOLOGICAL DATA ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: Kabelo Diale~

2024/08307 ~ Complete ~54:WATER QUALITY PREDICTION SYSTEM ~71:Tabani Mtombeni, 143 President Brand Street, Benoni, South Africa ~72: Tabani Mtombeni~

2024/08308 ~ Complete ~54:A SET COMPRISING A BED EQUIPPED WITH A PENDULUM MECHANISM AND A DEVICE FOR ACTUATING THE PENDULUM MECHANISM ~71:LACUNA LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG OTRADNOYE, PROYEZD VYSOKOVOLTNIY, D. 21 STR. 5, Moscow, 127566, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129115 ~32:30/09/2024

2024/08313 ~ Complete ~54:FLOATING WETLAND ADJUSTABLE WATER TREATMENT DEVICE FOR RIVER AND LAKE MANAGEMENT ~71:TIANJIN RESEARCH INSTITUTE FOR WATER TRANSPORT ENGINEERING,M.O.T., NO.2618 Xingang No.2 Road, Binhai New Area, Tianjin City, 300456, People's Republic of China ~72: CHANG Fang;LI Huiting;LI Yajuan;LI Zhendong;WANG Tingfeng;YE Wei;YI Malan;ZHAO Junjie;ZHAO Yingjie~

2024/08319 ~ Complete ~54:SUPPORT REPLACING CONSTRUCTION DEVICE FOR STEEL TUBE TRUSS OF STANDARD SECTION OF SUBWAY STATION ~71:CHINA RAILWAY BINHAI (TIANJIN) RAIL TRANSIT INVESTMENT AND DEVELOPMENT CO., LTD., Room 603-5, 6th Floor, Office Building(formerly Wen'anli Guesthouse), No. 2, Zhongxin North Road, Hangzhoudao Street, Binhai New Area, Tianjin City (formerly Wen'anli Guesthouse), People's Republic of China;CHINA RAILWAY CONSTRUCTION ENGINEERING GROUP, Building 1, Nord Center, No.128 South Fourth Ring Road West, Fengtai District, Beijing, People's Republic of China;CHINA RAILWAY CONSTRUCTION GROUP THIRD CONSTRUCTION CO., LTD, 1-1213, No. 1988, Yingbin Avenue, Central Business District, Binhai New Area, Tianjin, People's Republic of China;CHINA RAILWAY INVESTMENT GROUP LIMITED, Room 309, Building 1, No.9 Xinghuo Road, Fengtai District, Beijing, People's Republic of China;Gansu Tieke Construction Engineering Consulting Co., Ltd., 365 Minzhu East Road, Chengguan District, Lanzhou City, Gansu Province, People's Republic of China ~72: CHEN Wenpeng;DING

Hui;DONG Xiuhuan;FAN Zhenwei;GUO Lei;HAN Yanxu;HOU Di;LI Guangwei;LI Jianxun;LIAN Xia;LIANG Fang;LIN Xiaoyang;LIU Changfu;LIU Yingpei;LONG Juan;MA Shuaishuai;MA Xianggang;QI Wei;TIAN Yunhe;WANG Feng;WANG Fuchun;WANG Jinping;WANG Qingtao;WEI Desheng;WU Haonan;XIE Qilin;XU Zhiyou;YANG Wenyu;YI Min;YUE Ting;ZHANG Chenke;ZHANG Fan~ 33:CN ~31:202410986373.4 ~32:23/07/2024

2024/08321 ~ Complete ~54:METHOD FOR PREPARING CAPSICUM OLEORESIN BY HYDRATION PRETREATMENT ~71:Hainan Institute of Zhejiang University, Science and Technology City, Yazhou Bay, Yazhou District, Sanya City, Hainan Province, 572025, People's Republic of China;Sanya Research Institute of Chinese Academy of Tropical Agricultural Sciences, Science and Technology City, Yazhou Bay, Yazhou District, Sanya City, Hainan Province, 572025, People's Republic of China;Tropical Crops Genetic Resources Institute, Chinese Academy of Tropical Agricultural Sciences, No. 4, Xueyuan Road, Longhua District, Haikou City, Hainan Province, 571101, People's Republic of China ~72: FANG, Yiming;GU, Fenglin;HU, Yan;LIU, Ziji;SU, Min;WANG, Xu;WEI, Qing;ZHANG, Zhiyuan~

2024/08331 ~ Complete ~54:AN AEROSOL-GENERATING DEVICE AND A METHOD OF CONTROLLING AEROSOL PRODUCTION THEREOF ~71:PHILIP MORRIS PRODUCTS S.A., Quai Jeanrenaud 3, Switzerland ~72: CHATEAU, Maxime Clément Charles;MOHSENI, Farhang~ 33:EP ~31:22166999.7 ~32:06/04/2022

2024/08322 ~ Complete ~54:MINE SUPPORT STRUCTURE ~71:SPIROTECH MINING SERVICES (PTY) LTD., Unit B Zante Park, 237 Luipaard Street, Boltonia, Krugersdorp, 1739, South Africa ~72: DEANE CONOR O'HAUGHEY~ 33:ZA ~31:2023/10258 ~32:03/11/2023

2024/08324 ~ Complete ~54:AN APPARATUS FOR DETECTING PARTIAL DISCHARGE IN ELECTRICAL EQUIPMENT ~71:CHAMPION MOBILE GLOBAL LTD, Ridge View, Wellgreen Lane, Kingston-Upon-Lewes, United Kingdom ~72: KHAN, Saad Saleem;NISAR, Hamza;OMAR, Muhammad;ROBINSON, Justyna;SAUD, Abdullah;USMAN, Muhammad~

2024/08326 ~ Complete ~54:METHOD FOR RECYCLING POLYESTER CONTAINERS ~71:ALPLA WERKE ALWIN LEHNER GMBH & CO. KG, Allmendstrasse 81, Austria ~72: Bryan-Cody BORCHERS;Daniel GOLDENSTEIN~ 33:CH ~31:000464/2022 ~32:22/04/2022

2024/08334 ~ Complete ~54:INHIBITORS OF CHYMASE FOR USE IN THE SELECTIVE RESOLUTION OF THROMBI IN THROMBOTIC OR THROMBOEMBOLIC DISORDERS ~71:Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 1, LEVERKUSEN 51373, GERMANY, Germany;SOCPRA Sciences Santé et Humaines S.E.C., A/S Transfertech Sherbrooke, 35, rue Radisson / Bureau 200, SHERBROOKE J1L 1E2, QUÉBEC, CANADA, Canada ~72: D'ORLÉANS-JUSTE, Pedro;DAY, Robert;HEITMEIER, Stefan;LAPOINTE, Catherine;SCHWERTANI, Adel;TERSTEEGEN, Adrian;TINEL, Hanna;VINCENT, Laurence;ZIMMERMANN, Katja~ 33:US ~31:63/327,684 ~32:05/04/2022;33:EP ~31:22171543.6 ~32:04/05/2022

2024/08299 ~ Provisional ~54:POWER-SHARING ~71:BABALWA MALAMLELA, 23 THEED STREET, South Africa ~72: BABALWA MALAMLELA~ 33:ZA ~31:ZA ~32:01/11/2024

2024/08300 ~ Provisional ~54:METHOD FOR MANUFACTURING COMPOSITE FIBERBOARD PRODUCTS ~71:Xanita (Pty) Ltd, 1 Range Road, South Africa ~72: Michael MCELWEE~

2024/08306 ~ Provisional ~54:CONEX RAZOR CURVED BLADE FORMING METHODOLOGY ~71:ANGELOS, Komninos George, 23 Joseph Avenue, NORTHCLIFF, Johannesburg 2195, Gauteng, SOUTH AFRICA, South Africa;LAWRENCE, Allen Preston, 1 Manly, 1 Van Der Kloof Road, RUIMSIG, Roodepoort 1732, Gauteng, SOUTH AFRICA, South Africa ~72: LAWRENCE, Allen Preston~

2024/08312 ~ Complete ~54:PENDULUM MECHANISM ~71:LACUNA LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG OTRADNOYE, PROYEZD VYSOKOVOLTNIY, D. 21 STR. 5, Moscow, 127566, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129110 ~32:30/09/2024

2024/08332 ~ Complete ~54:METHODS OF TREATING METASTATIC CASTRATION-RESISTANT PROSTATE CANCER WITH BISPECIFIC ANTI-PSMA X ANTI-CD3 ANTIBODIES ALONE OR IN COMBINATION WITH ANTI-PD-1 ANTIBODIES ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: LOWY, Israel;MILLER, Elizabeth;SANDIGURSKY, Sabina;SEEBACH, Frank~ 33:US ~31:63/342,548 ~32:16/05/2022

2024/08315 ~ Complete ~54:PRECISELY CONTROLLED OPEN-DIE FORGING RESIDUAL TEMPERATURE NORMALIZING PRODUCTION PROCESS ~71:ZheJiang ZhaoFeng Mechanical and Electronic CO.,LTD, No 6 ZhaoFeng Road, XiaoShan Economy & Technology Development Zone, HangZhou, People's Republic of China ~72: Fan Qingchun;Huang Jianghua;Ji Hongchao;Zhang Ri~

2024/08317 ~ Complete ~54:AN INTEGRATED MICROWAVE PHOTONIC DEVICE PACKAGING SHELL AND ITS USAGE METHOD ~71:Zhaoqing University, 55 Zhaoqing Avenue, Duanzhou District, Zhaoqing City, People's Republic of China ~72: Wang Lin~

2024/08320 ~ Complete ~54:SERS IMMUNOLABEL SOLUTION FOR MULTIPLE DETECTION OF PESTICIDE AND VETERINARY DRUG RESIDUES, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF ~71:Shandong Academy of Agricultural Sciences, No. 23788 Gongye North Road, Licheng District, Jinan City, Shandong Province, 250100, People's Republic of China ~72: DU, Hongxia;MAO, Jiangsheng;QIN, Hongwei;WANG, Hao;YAN, Mengmeng;ZHANG, Wenjun;ZHU, Chao~

2024/08325 ~ Complete ~54:METHOD FOR RECYCLING POLYOLEFIN CONTAINERS ~71:ALPLA WERKE ALWIN LEHNER GMBH & CO. KG, Allmendstrasse 81, Austria ~72: Bryan-Cody BORCHERS~ 33:CH ~31:00465/2022 ~32:22/04/2022

2024/08327 ~ Complete ~54:ENANTIOSELECTIVE METHODS FOR PREPARING CHIRAL AMINE INTERMEDIATES ~71:UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG, 1 Jan Smuts Avenue, South Africa ~72: BRADY, Dean;MABOYA, Josephine Tshogfatso;PIENAAR, Daniel Petzer~ 33:ZA ~31:2022/03797 ~32:04/04/2022

2024/08333 ~ Complete ~54:CONTROLLING TEMPERATURE AND NO_x CONTENT FOR A REDUCTION GAS ~71:Primetals Technologies Austria GmbH, Turmstraße 44, LINZ 4031, AUSTRIA, Austria ~72: MILLNER, Robert;STERRER, Wolfgang~ 33:EP ~31:22171878.6 ~32:05/05/2022

2024/08337 ~ Complete ~54:IL-13 ANTIBODIES FOR THE TREATMENT OF ATOPIC DERMATITIS ~71:Dermira, Inc., Lilly Corporate Center, INDIANAPOLIS 46285, IN, USA, United States of America ~72: LIMA, Renata Gontijo~ 33:US ~31:63/338,588 ~32:05/05/2022

2024/08515 ~ Complete ~54:SYSTEMS AND METHODS FOR DAMAGE DETECTION ~71:BELRON INTERNATIONAL LIMITED, Milton Park, Stroude Road, United Kingdom ~72: DAVIES, Christopher;FRANCIS, Kelly~ 33:GB ~31:1701924.1 ~32:06/02/2017

2024/08311 ~ Complete ~54:A SET COMPRISING A CHAIR EQUIPPED WITH A PENDULUM MECHANISM AND A DEVICE FOR ACTUATING THE PENDULUM MECHANISM WITH AN EXTERNAL CONTROL DEVICE ~71:LACUNA LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG OTRADNOYE, PROYEZD

VYSOKOVOLTNIIY, D. 21 STR. 5, Moscow, 127566, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich; MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129118 ~32:30/09/2024

2024/08323 ~ Complete ~54:NON-INVASIVE CONTINUOUS BLOOD PRESSURE MONITORING ~71:LIFELINK INNOVATIONS LIMITED, 20 Wenlock Road, United Kingdom ~72: ALI, Aatif;KHAN, Saad Saleem;MURTAZA, Hussain;OMAR, Muhammad;RYAN, Caitriona;USMAN, Muhammad~

2024/08336 ~ Complete ~54:POT AND METHOD FOR GROWING PLANTS ~71:Agro Innovation International, 18 AVENUE FRANKLIN ROOSEVELT, SAINT-MALO 35400, FRANCE, France ~72: BILLIOT, Bastien;PLUCHON, Sylvain~ 33:FR ~31:2204286 ~32:05/05/2022

2024/08420 ~ Provisional ~54:CELLPHONE CAMERA DESIGNS & CONCEPTS ~71:KAGISO MASHEGO, 10212 Cnr Aphane & Ben Masilela Khalambazo; Mamelodi, South Africa ~72: KAGISO MASHEGO~

- APPLIED ON 2024/11/05 -

2024/08344 ~ Provisional ~54:METHOD FOR ACCELERATED ENDODERM DIFFERENTIATION OF PLURIPOTENT STEM CELLS VIA YAP1 ACTIVATION ~71:COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH, Meiring Naude' Road Brummeria, South Africa ~72: HURRELL, Tracey;NAIDOO, Jerolen;SCHOLEFIELD, Janine~

2024/08350 ~ Complete ~54:A SOFT ENDOSCOPIC SUTURE DEVICE ~71:THE FIRST MEDICAL CENTER OF THE GENERAL HOSPITAL OF THE CHINESE PEOPLE'S LIBERATION ARMY, NO. 28 FUXING ROAD, HAIDIAN DISTRICT, BEIJING, People's Republic of China ~72: CHEN QIANQIAN;LI WANTING;LINGHU ENQIANG;SUN YUTONG;WANG JIAFENG;XIAO PAN;YUAN YAOQIAN~

2024/08357 ~ Complete ~54:PTK7-BINDING PROTEINS WITH PH-DEPENDENT BINDING AND USES THEREOF ~71:MYTHIC THERAPEUTICS, INC., 100 Beaver Street, Suite 303 Waltham, Massachusetts 02453, United States of America ~72: ALEXANDER J NICHOLS;BRIAN P FISKE;LIHUI XU;NIMISH GERA~ 33:US ~31:63/365,005 ~32:19/05/2022

2024/08365 ~ Complete ~54:BARRIER ~71:COCHRANE GULF FZE, 901 Suntech Tower, Silicon Oasis, United Arab Emirates ~72: BUCARIZZA, Vlado~ 33:ZA ~31:2022/04962 ~32:06/05/2022;33:ZA ~31:2023/00693 ~32:17/01/2023

2024/08342 ~ Provisional ~54:PRODUCTION OF COMPOSITIONS COMPRISING CANNABINOIDS, TERPENES, AND/OR CANNABIMIMETIC COMPOUNDS ~71:Herbal Research and Development Centre (Pty) Ltd, 15 Tiptol Street, Sedgefield, Knysna, Cape Town 6573, Western Cape, SOUTH AFRICA, South Africa ~72: De Jong, Gertruida Elizabeth~

2024/08348 ~ Complete ~54:THREE-DIMENSIONAL POSITIONING PREDICTION METHOD FOR A CONCEALED ORE BODY BASED ON ARTIFICIAL INTELLIGENCE ~71:Lanzhou University, No. 222, Tianshui South Road, Chengguan District, Lanzhou, Gansu, People's Republic of China;The Third Geological and Mineral Exploration Institute of Gansu Provincial Bureau of Geology and Mineral Resources, No. 121, Langongping Road, Qilihe District, Lanzhou, Gansu, People's Republic of China ~72: Jingxian Liu;Shuang Dai;Tongtong He;Yongli Xu;Zhibin Li~ 33:CN ~31:2024114481710 ~32:17/10/2024

2024/08359 ~ Complete ~54:HORIZONTAL SHAFT IMPACT CRUSHER ~71:Sandvik Ltd, 2 Tullyvannon Road, Ballygawley, DUNGANNON BT70 2HW, UNITED KINGDOM, United Kingdom ~72: MCDEVITT, Terry;SMYTH, Stuart~ 33:EP ~31:22174967.4 ~32:24/05/2022

2024/08363 ~ Complete ~54:BICYCLIC TETRAHYDROTHIAZEPINE DERIVATIVES ~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72: BRANDSTAETTER, Marco;DI FRANCESCO, Maria Emilia;HUTTER, Roman;KUEHNE, Holger;LUEBBERS, Thomas;MARTIN, Laetitia Janine;MUELLER, Barbara Johanna~ 33:EP ~31:22189817.4 ~32:11/08/2022

2024/08368 ~ Provisional ~54:SPORTS APP LET PLAY ~71:ANDREW BILLA KLEIN, 509 CLIFF AVENUE, South Africa ~72: ANDREW BILLA KLEIN~

2024/08361 ~ Complete ~54:INSOLUBLE SUPPORT FOR SOLID PHASE SYNTHESIS ~71:PolyPeptide Laboratories Holding (PPL) AB, P.O. Box 30089, LIMHAMN 20061, SWEDEN, Sweden ~72: GARAWI, Ayat Mohsin;LEE, John;LUDEMANN-HOMBOURGER, Olivier;MIN, Byoung J.;MOHY-EL-DINE, Tharwat;NEJAD ARIANI, Hanieh Hossein~ 33:SE ~31:2230168-3 ~32:31/05/2022;33:US ~31:63/347,168 ~32:31/05/2022

2024/08367 ~ Provisional ~54:A PREPAID CONTENT CONSUMPTION PROCESS ~71:ANDREW BILLA KLEIN, 509 CLIFF AVENUE WATERKLOOF RIDGE, South Africa ~72: ANDREW BILLA KLEIN~

2024/08343 ~ Provisional ~54:CITRULLUS LANATUS EXTRACTION METHOD AND USE ~71:VAN DER MERWE, Pierre Johann, 42 Bergsig Street, BRACKENFELL, Johannesburg 7560, Gauteng Province, SOUTH AFRICA, South Africa ~72: VAN DER MERWE, Pierre Johann~

2024/08354 ~ Complete ~54:5T4 ANTIBODY-DRUG CONJUGATES AND USES THEREOF ~71:EXELIXIS, INC., 1851 Harbor Bay Parkway, Alameda, California, 94502, United States of America ~72: AYODELE OGUNKOYA;BRIAN ALAN MENDELSON;PENELOPE M DRAKE;ROBYN M BARFIELD;SEEMA KANTAK;STEPAN CHUPRAKOV~ 33:US ~31:63/341,957 ~32:13/05/2022

2024/08358 ~ Complete ~54:BENEFICIATION OF MANGANESE-BEARING ORE ~71:INNOVATIVE MANGANESE TECHNOLOGIES SA (PTY) LTD., 97 Broadbury Circle, Cornwall Hill Estate, CORNWALL HILL, 0178, Gauteng Province, SOUTH AFRICA, South Africa ~72: PRETORIUS, Gerard~ 33:ZA ~31:2022/05305 ~32:13/05/2022

2024/08347 ~ Complete ~54:A MICROWAVE PHOTONIC FILTER WITH A HEAT DISSIPATION FUNCTION ~71:Zhaoqing University, 55 Zhaoqing Avenue, Duanzhou District, Zhaoqing City, People's Republic of China ~72: Wang Lin~

2024/08349 ~ Complete ~54:A CONTROL METHOD AND SYSTEM FOR FLEXIBLE JOB SHOP PRODUCTION EQUIPMENT FOR AVOIDING THE PATH CONFLICT ~71:Chongqing City Management College, No.151, Chengnan 2nd Road, Huxi University Town, High-tech Zone, Chongqing City, 401331, People's Republic of China ~72: Xiangfei Lv~

2024/08355 ~ Complete ~54:5T4 BINDING AGENTS AND USES THEREOF ~71:EXELIXIS, INC., 1851 Harbor Bay Parkway, Alameda, California, 94502, United States of America ~72: BONNIE HAMMER;CHARLES KAPLAN;JEFFREY N HIGAKI;SEEMA KANTAK~ 33:US ~31:63/341,944 ~32:13/05/2022

2024/08364 ~ Complete ~54:LIQUID-DISPERSIBLE HALOPYRUVATE FORMULATIONS AND ASSOCIATED METHODS ~71:KO, Young Hee, 701 East Pratt Street, BALTIMORE 21202, MD, USA, United States of America ~72: KO, Young Hee~ 33:US ~31:63/328,197 ~32:06/04/2022

2024/08345 ~ Complete ~54:METHOD FOR MULTI-STRAIN FERMENTATION OF FISH FERTILIZER AND WASTE LOW-ODOR FERTILIZER BASED ON NEURAL NETWORKS ~71:Hainan Tropical Ocean University, NO.1 Yu cai road, Jiyang District, Sanya City, Hainan Province, People's Republic of China ~72: DENG Chunrui;GE Yingliang~ 33:CN ~31:2023115635285 ~32:22/11/2023

2024/08351 ~ Complete ~54:METHOD, DEVICE, AND PRODUCT FOR DETERMINING BIONIC WEAR-RESISTANT AIRFOIL ~71:Changjiang River Scientific Research Institute, Changjiang Water Resources Commission, No. 23 Huangpu Street, Jiang'an District, Wuhan City, Hubei Province, 430010, People's Republic of China ~72: DONG, Jing;ZHOU, Wangzi~ 33:CN ~31:202410896594.2 ~32:04/07/2024

2024/08353 ~ Complete ~54:METHOD FOR IMPROVING ANTI-OXIDATION AND NUTRIENT TRANSPORT CAPABILITIES OF PLACENTAL TISSUES OF FEMALE LIVESTOCK ~71:CHINA AGRICULTURAL UNIVERSITY, No. 2, Yuanmingyuan West Road, Haidian District, Beijing, 100193, People's Republic of China ~72: LI, Guangdong;LIU, Guoshi;WANG, Likai~ 33:CN ~31:202210481256.3 ~32:05/05/2022

2024/08356 ~ Complete ~54:A HARD SURFACE CLEANING COMPOSITION ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: JIJI PAUL KOTTUKAPALLY;MAHESHWARA SHIVA NAIK~ 33:EP ~31:22177979.6 ~32:09/06/2022

2024/08360 ~ Complete ~54:VALVE HANDLES AND DUAL-VALVE ASSEMBLIES HAVING VALVE HANDLES ~71:Emerson Process Management Regulator Technologies, Inc., 3200 Emerson Way, MCKINNEY 75070, TX, USA, United States of America ~72: MASIAS, Justin;PEEK, Steven Landry~ 33:US ~31:17726,035 ~32:21/04/2022

2024/08362 ~ Complete ~54:DIHYDROINDENE DERIVATIVES AS MALT1 INHIBITORS ~71:C4X Discovery Limited, Manchester One, Suite 4B, 53 Portland Street, MANCHESTER M1 3LD, UNITED KINGDOM, United Kingdom ~72: AMBLER, Martin;BLANEY, Paul Matthew;KERN, Oliver Thomas;LINNEY, Ian Duncan;OSBORN, Simon;RAY, Nicholas Charles;WATSON, Martin John;ZIELINSKI, Grzegorz K.~ 33:GB ~31:2207050.2 ~32:13/05/2022

2024/08346 ~ Complete ~54:PERFORMANCE ANALYSIS METHOD FOR SATELLITE-TO-GROUND MOBILE NETWORK BASED ON COOPERATIVE PDMA ~71:TANGSHAN UNIVERSITY, No. 11 University West Road, Hi-tech Zone, Tangshan City, Hebei Province, People's Republic of China ~72: FAN Yan;LIU Haijie;TANG Wanwei;WANG Lixia~

2024/08352 ~ Complete ~54:HER2-BINDING AGENTS AND USES THEREOF ~71:CEREIUS, INC., 701 W. Main Street, Suite 200, United States of America ~72: MARJORAM, Robin;SCHAAL, Jeffrey L.~ 33:US ~31:63/344,808 ~32:23/05/2022

- APPLIED ON 2024/11/06 -

2024/08561 ~ Complete ~54:A MOTOR CONTROL CONTROLLER SYSTEM AND METHODS ~71:ETA GREEN POWER LIMITED, Hethel Engineering Centre, Chapman Way, United Kingdom ~72: BOWMAN, Liam;CHEESEMAN, Alistair~ 33:GB ~31:GB 2208546.8 ~32:10/06/2022;33:ZA ~31:2023/05663 ~32:23/05/2023

2024/08396 ~ Complete ~54:PRESSURE RELEASE AND MASSAGE TOOL ~71:ALETHA INC., 2872 YGNACIO VALLEY RD. #605, WALNUT CREEK, CALIFORNIA 94598, USA, United States of America ~72: KOTH, Christine, Annette~ 33:US ~31:63/363,085 ~32:15/04/2022

2024/08369 ~ Provisional ~54:BIOMETRIC CAPTCHA (BIOCAPTCHA) ~71:Phumelele Mango Miya, 4285 Zakhe Road, Vosloorus Ext 2, Vosloorus, South Africa, 4285 Zakhe Rd, South Africa ~72: Phumelele Mango Miya~

2024/08384 ~ Complete ~54:INTELLIGENT FRUIT QUALITY GRADING DEVICE ~71:Anhui Science And Technology University, No. 9 Donghua Road, Fengyang County, Chuzhou City, Anhui Province, 233100, People's Republic of China;Chuzhou Hetian Agricultural Machinery Co., Ltd., (No. 3 Workshop of Chuzhou Boyuan

Decoration Engineering Co., Ltd.) Yangqiao Industrial Park, Xianghe Town, Quanjiao County, Chuzhou City, Anhui Province, 239000, People's Republic of China ~72: AI, Zhiyun;KANG, Hao;LIAO, Junling;QIAO, Yinhu;WU, Xiangji;ZHANG, Chunyan;ZHAO, Wei~

2024/08391 ~ Complete ~54:FEEDSTOCK FEEDER SYSTEM ~71:SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., Carel van Bylandtlaan 30, HR The Hague, Netherlands ~72: CHEN, Zhong Xin;JANCKER, Steffen;KOCH, Thomas;VAN ELBURG, Gerhard Johan~ 33:US ~31:63/347,630 ~32:01/06/2022

2024/08395 ~ Complete ~54:FACILITY FOR STORING AND/OR TRANSPORTING LIQUEFIED GAS ~71:GAZTRANSPORT ET TECHNIGAZ, 1 ROUTE DE VERSAILLES, 78470 SAINT-REMY-LES-CHEVREUSE, FRANCE, France ~72: DE COMBARIEU, Guillaume;MOREL, Benoît;SALMON LEGAGNEUR, Guillaume~ 33:FR ~31:FR2203564 ~32:15/04/2022

2024/08399 ~ Complete ~54:THERMOSTAT FOR A HOT WATER CYLINDER ~71:POWEROPTIMAL (PTY) LTD, 88 12th Avenue, South Africa ~72: GOEDHART, Andrew Peregrin~ 33:GB ~31:2206504.9 ~32:04/05/2022

2024/08415 ~ Complete ~54:HYDRAULIC CYLINDER BUFFER SEAL BACKUP RING ~71:CATERPILLAR INC., 100 NE Adams Street - AB6450, United States of America ~72: PONNUSAMY, Ananda Sudhakar~ 33:US ~31:17/740,536 ~32:10/05/2022

2024/08377 ~ Complete ~54:PREPARATION METHOD OF PHYCOERYTHRIN AND RED ALGAE ACTIVE PEPTIDE AND APPLICATION THEREOF IN PREPARING FACIAL MASK ~71:HaNan Normal University, No.99, Longkun South Road, Fucheng Street, Qiongsan District, Haikou City, Hainan Province, People's Republic of China ~72: TIAN Meng;WEI Li;WU Chenhao;YU Xiaomei~

2024/08380 ~ Complete ~54:A TRAFFIC CONTROL BARRIER GATE FOR URBAN MANAGEMENT ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Liyuan Qu;Xiaoming Li~

2024/08393 ~ Complete ~54:A METHOD OF USE FOR CANNABIDIOL IN THE PREVENTION AND TREATMENT OF INTERFERON-RESPONSIVE CONDITIONS ~71:AKSEERA PHARMA CORP, 422 RICHARDS STREET, SUITE 170, VANCOUVER, BRITISH COLUMBIA V6B 2Z4, CANADA, Canada;DR. MERCHANT, Shreema, 15152, UNIT 22, 62A AVE, SURREY, BRITISH COLUMBIA V3S 1V1, CANADA, India;MERCHANT, Sheela, Harish, 802, ORCHID C, EVERSINE PARK, VEERA DESAI RD, MAHARASHTRA, MUMBAI 400058, INDIA, India;PATEL, Manit, 15152, UNIT 22, 62A AVE, SURREY, BRITISH COLUMBIA V3S 1V1, CANADA, India ~72: DR. MERCHANT, Shreema;DUNCAN, Robin, Elaine;FERNANDES, Maria Fernanda de Andrade;PATEL, Manit~ 33:IN ~31:202121045573 ~32:07/04/2022

2024/08403 ~ Complete ~54:COMPOSITE SHIELDING YTTRIUM-BASED ALLOY MATERIAL, AND PREPARATION METHOD THEREFOR AND USE THEREOF ~71:Shanghai Nuclear Engineering Research & Design Institute Co., Ltd., No. 29 Hongcao Road, Xuhui District, SHANGHAI 200233, CHINA (P.R.C.), People's Republic of China ~72: DING, Qianxue;GAO, Jing;LI, Cong;LI, Hui;MEI, Qiliang;PAN, Jie;SHI, Tao;SHI, You;SUN, Dawei;WANG, Mengqi;WANG, Yong;XIAO, Xueshan;ZHENG, Zheng;ZHOU, Yan~ 33:CN ~31:202211128393.5 ~32:16/09/2022

2024/08408 ~ Complete ~54:BALL SCREW DEVICE AND METHOD FOR MANUFACTURING THE SAME ~71:NSK LTD., 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo, 1418560, Japan ~72: RYO SEGAWA;YUTA NAKABAYASHI~ 33:JP ~31:2022-079935 ~32:16/05/2022;33:JP ~31:2022-161397 ~32:06/10/2022

2024/08412 ~ Complete ~54:PHA-BASED RETORT FOOD POUCH ~71:DANIMER IPCO, LLC, 140 Industrial Boulevard, Bainbridge, Georgia, 39817, United States of America ~72: ADAM JOHNSON;BROCK

MERCHANT;JERRI DIRENZO;KARSON DURIE~ 33:US ~31:63/339,127 ~32:06/05/2022;33:US
~31:18/143,797 ~32:05/05/2023

2024/08560 ~ Complete ~54:VANILLIN-CONTAINING MILK POWDER MATRIX REFERENCE SAMPLE AND PREPARATION METHOD THEREFOR ~71:CAIQ (Beijing) Science Technology Co., Ltd, (Yizhuang Group, High end Industrial Zone, Beijing Pilot Free Trade Zone) 8007, 8th Floor, Building 1, No. 11 Ronghua South Road, Beijing Economic and Technological Development Zone, Beijing, People's Republic of China;CAIQ (Beijing)Testing and Certification Co., Ltd, Room 8019, 8th Floor, Building 1, No.11 Ronghua South Road, Beijing Economic and Technological Development Zone, Beijing, People's Republic of China;Chinese Academy of Inspection and Quarantine, No. 11 Ronghua South Road, Yizhuang Economic and Technological Development Zone, Beijing, People's Republic of China ~72: BAI, Yaxin;CHEN, Dongdong;DAI, Lixue;DONG, Jing;GENG, Xuhao;GU, Chuanqi;HU, Niannian;HUO, Siyu;JIA, Jingjian;JIA, Lili;PENG, Tao;WANG, Chunming;WANG, Hailing;WANG, Yiming;WU, Wenbo;YU, Libo;YU, Yang;ZHENG, Ruilan~ 33:CN ~31:2023114652669 ~32:07/11/2023

2024/08414 ~ Complete ~54:PROTECTION SYSTEMS ~71:2MT MINING PRODUCTS PTY LTD, PO Box 5989 Mackay Mail Centre, Australia ~72: SENANAYAKE, Palitha~ 33:AU ~31:2022202367 ~32:08/04/2022

2024/08417 ~ Complete ~54:HYDRAULIC CYLINDER SEALING ARRANGEMENT ~71:CATERPILLAR INC., 100 NE Adams Street - AB6450, United States of America ~72: LAKSHMINARAYANAN, Rameshkrishnan;PONNUSAMY, Ananda, S.;RENSHAW, Cody, P.;RUIZ, Jaime, E.;SPEICHINGER, Justin, D.~ 33:US ~31:17/740,569 ~32:10/05/2022

2024/08387 ~ Complete ~54:METHOD FOR PREVENTING AND CONTROLLING UNDERGROUND PESTS IN FARMLAND ~71:Institute of Plant Protection, Henan Academy of Agricultural Sciences, No. 116 Huayuan Road, Jinshui District, Zhengzhou City, Henan Province, 450002, People's Republic of China ~72: Gong Zhongjun;Miao Jin;Wu Yuqing~

2024/08389 ~ Complete ~54:MULTISPECIFIC ANTIGEN BINDING MOLECULES THAT BIND CD38 AND 4-1BB, AND USES THEREOF ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: BABB, Robert;DILILLO, David;HERMANN, Aynur;OLSON, Kara;SHEN, Yang;ULLMAN, Erica~ 33:US ~31:63/343,441 ~32:18/05/2022;33:US ~31:63/478,625 ~32:05/01/2023

2024/08405 ~ Complete ~54:ROCK DRILL INSERT ~71:Sandvik Mining and Construction Tools AB, Valsverksstråket 14, SANDVIKEN 811 34 , SWEDEN, Sweden ~72: BORGH, Ida;LILJA, Mirjam;TURBA, Krystof;ÅKESSON, Leif~ 33:EP ~31:22184187.7 ~32:11/07/2022

2024/08379 ~ Complete ~54:MILLING CUTTER-BASED SPIRAL DITCHING FERTILIZER APPLICATOR ~71:Institute of Agricultural Machinery Research, Chinese Academy of Tropical Agricultural Sciences, No. 5, Shetan Road, Xiashan District, Zhanjiang City, Guangdong Province, 524013, People's Republic of China ~72: CHEN, Peimin;DENG, Yiguo;JI, Chao;WANG, Yeqin;YAN, Bo~ 33:CN ~31:202410004848.5 ~32:03/01/2024

2024/08378 ~ Complete ~54:HAIRBRUSH ~71:ANNANDALE, Pieter Conley, 26 Max Kirchhofer Street, South Africa;GROENEWALD, Breyten, 26 Max Kirchhofer Street, South Africa ~72: ANNANDALE, Pieter Conley;GROENEWALD, Breyten~ 33:ZA ~31:2023/10342 ~32:07/11/2023

2024/08404 ~ Complete ~54:MODULATORS OF NLRP3 INFLAMMASOME AND RELATED PRODUCTS AND METHODS ~71:Neumora Therapeutics, Inc., 490 Arsenal Way, Suite 200, WATERTOWN 02472 , MA, USA, United States of America ~72: BEAUSOLEIL, Anne-Marie;HUDSON, Ryan~ 33:US ~31:63/341,975 ~32:13/05/2022

2024/08372 ~ Provisional ~54:A PROJECTION APPARATUS ~71:LOMBARD, Quinton, 114 Kilburn street, Horison, South Africa ~72: LOMBARD, Quinton~

2024/08374 ~ Complete ~54:METHOD FOR DETECTING WEAR RESISTANCE OF ADDITIVE MANUFACTURING 316L STAINLESS STEEL ~71:CHANGZHOU INSTITUTE OF TECHNOLOGY, No. 666 Liaohe Road, Xinbei District, Changzhou City, Jiangsu Province, People's Republic of China ~72: CHEN Ronghua;LI Wenhao;LIANG Juntao;WANG Rui~

2024/08371 ~ Provisional ~54:REGENERATOR ~71:Mongezi bruce faku, X1680 wessie street Jouberton, South Africa ~72: Bruce mongezi faku~

2024/08390 ~ Complete ~54:SYSTEM HAVING A PISTON FEEDSTOCK FEEDER SYSTEM FOR USE IN HYDROPROCESSING A SOLID FEEDSTOCK ~71:SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., Carel van Bylandtlaan 30, HR The Hague, Netherlands ~72: CHEN, Zhong Xin;JANCKER, Steffen;KOCH, Thomas;VAN ELBURG, Gerhard Johan~ 33:US ~31:63/347,629 ~32:01/06/2022

2024/08383 ~ Complete ~54:PREPARATION METHOD FOR EXTRACTING HIGHLAND BARLEY PEPTIDE ~71:Shilian Bioengineering Wuxi Co., Ltd., Room 923, Phase I Building, Beichuang Science and Technology Park, 401 Xingyuan North Road, Liangxi District, Wuxi City, Jiangsu, 214000, People's Republic of China ~72: CHEN, Heping;FENG, Jianbin;YANG, Chenqing;ZHOU, Yao~

2024/08386 ~ Complete ~54:INSPECTION AND REGRINDING APPARATUS FOR STRAIGHTENING ROLLS ~71:Taiyuan University of Science and Technology, No. 66, Waliu Road, Wanbailin District, Taiyuan City, Shanxi Province, 030024, People's Republic of China ~72: HAN, Minwu;HU, Peng;HU, Ying;WANG, Xiaogang;YANG, Boyuan~ 33:CN ~31:202323185016.8 ~32:23/11/2023

2024/08388 ~ Complete ~54:ANTIBODIES TARGETING SIRP-ALPHA AND USES THEREOF ~71:BIOSION INC., 5th Floor, Building D, 3-1 Zhongdan Unit, South Longshan Road, People's Republic of China ~72: CHEN, Mingjiu;LIU, Jinyu;MA, Mark Zhiqing;PENG, Zeyu~ 33:CN ~31:PCT/CN2022/088000 ~32:20/04/2022

2024/08397 ~ Complete ~54:WALL FOR A LEAKTIGHT AND THERMALLY INSULATING VESSEL ~71:GAZTRANSPORT ET TECHNIQAZ, 1 ROUTE DE VERSAILLES, 78470 SAINT-REMY-LES-CHEVREUSE, FRANCE, France ~72: DE COMBARIEU, Guillaume;MOREL, Benoît;SALMON LEGAGNEUR, Guillaume~ 33:FR ~31:FR2203556 ~32:15/04/2022

2024/08402 ~ Complete ~54:COMBINATION THERAPY FOR TREATING CANCER ~71:AstraZeneca AB, SÖDERTÄLJE SE-151-85, SWEDEN, Sweden ~72: ALBERTELLA, Mark R.;BROWN, Jessica S.;COSULICH, Sabina Chiara;LEO, Elisabetta~ 33:US ~31:63/362,613 ~32:07/04/2022

2024/08409 ~ Complete ~54:CONSTRUCTION OPERATION METHOD AND SYSTEM FOR OUTER CURTAIN WALLS OF HIGH-ALTITUDE LARGE-SPAN BUILDING CORRIDOR ~71:THE THIRD CONSTRUCTION CO., LTD OF CHINA CONSTRUCTION THIRD ENGINEERING BUREAU, No.2, Guannanyuan Road, Hongshan District, Wuhan, Hubei 430074, People's Republic of China ~72: BO ZHANG;ENHUI ZHANG;HUOHUA WANG;JUNFENG LIU;KUN PENG;LING LI;PEIJUN SU;SHIJIE XU;WANTING DAI;XIAOQUANG HU;XIAOQIN XU~ 33:CN ~31:202210419611.4 ~32:20/04/2022

2024/08413 ~ Complete ~54:OLIGONUCLEOTIDES HAVING A SYNTHETIC BACKBONE AND SYNTHESIS THEREOF ~71:ADARX PHARMACEUTICALS, INC., 5871 Oberlin Drive, Suite 200, San Diego, California, 92121, United States of America ~72: BO CHENG;CHANDRAMOULI CHIRUTA;CHASE ROBERT OLSSON;KIN FONG;MEHDI MICHEL DJAMEL NUMA;MIHAI AZIMIOARA;RUI ZHU;ZHEN LI~ 33:US ~31:63/342,018 ~32:13/05/2022

2024/08419 ~ Complete ~54:IDENTIFICATION AND EVALUATION SYSTEM OF PEOPLE'S CONCENTRATION BASED ON MACHINE VISION ~71:UNIVERSITY OF SANYA, University Of Sanya, Xueyuan Road, Yingbin Avenue, Sanya, Hainan, 572000, People's Republic of China ~72: Wenbo Lv~ 33:CN ~31:2024101746075 ~32:07/02/2024

2024/08407 ~ Complete ~54:TREATMENT OF ARGINASE 1 DEFICIENCY ~71:IMMEDICA PHARMA AB, Solnavägen 3H, 113 63, Stockholm, Sweden ~72: ANTHONY G QUINN~ 33:US ~31:63/329,867 ~32:11/04/2022

2024/08411 ~ Complete ~54:ANILINE-DERIVATIVE-CONTAINING EXTERNAL PREPARATION FOR SKIN ~71:IWAKI SEIYAKU CO., LTD., 8-2, Nihonbashi-honcho 4-Chome, Chuo-ku, Tokyo, 1030023, Japan;KINOPHARMA, INC., Nihonbashi Life Science Building 2, 3-11-5 Nihonbashi-honcho, Chuo-ku, Tokyo, 1030023, Japan ~72: HANAE SAITO;SHOTA KURIMOTO;TAIKI AKASHI;TETSUO YAMAGUCHI;YUKA AKIYAMA~ 33:JP ~31:2022-075963 ~32:02/05/2022

2024/08416 ~ Complete ~54:BINDER COMPOSITION FOR IRON ORE AGGLOMERATION ~71:SNF GROUP, Zone d'Activité Commerciale de Milieux, France ~72: BOURSIER, Thomas;FAVERO, Cédric;ZAKOSEK, Gilles~ 33:FR ~31:2204967 ~32:24/05/2022

2024/08375 ~ Complete ~54:ADDITIVE MANUFACTURING CORROSION-RESISTANT STAINLESS STEEL AND PREPARATION METHOD AND APPLICATION THEREOF ~71:CHANGZHOU INSTITUTE OF TECHNOLOGY, No. 666 Liaoh Road, Xinbei District, Changzhou City, Jiangsu Province, People's Republic of China ~72: CHEN Ronghua;FEI Qiqi;WANG Jiale;WANG Rui~

2024/08381 ~ Complete ~54:SPRING COTTER CONNECTING KIT ~71:Yangjiang Yugongfang Home Furnishings Co., Ltd, Room 901, Unit 1, Building 2, Jinhewan Community, Shiwan North Road, Jiangcheng District, Yangjiang City, People's Republic of China ~72: Guan Yancong~

2024/08382 ~ Complete ~54:FERTILIZING METHOD FOR REDUCING HEAVY METAL POLLUTION IN SOIL AND APPLICATION THEREOF ~71:Shanghai Academy of Agricultural, No. 2901 Beidi Road, Minhang District, Shanghai, 201100, People's Republic of China ~72: QIN, Qin;SUN, Lijuan;SUN, Yafei;WANG, Jun;XUE, Yong;YANG, Shiyang~

2024/08385 ~ Complete ~54:DEMONSTRATION BOARD FOR SPANISH GRAMMAR TEACHING ~71:Zhejiang Normal University, No.688, Yingbin Avenue, Jinhua City, Zhejiang Province, 321004, People's Republic of China ~72: Xue Yutong~

2024/08392 ~ Complete ~54:LEAKTIGHT AND THERMALLY INSULATING VESSEL, AND ASSOCIATED METHOD FOR PLACING UNDER VACUUM ~71:GAZTRANSPORT ET TECHNIGAZ, 1 ROUTE DE VERSAILLES, 78470 SAINT-REMY-LES-CHEVREUSE, FRANCE, France ~72: DE COMBARIEU, Guillaume;MOREL, Benoît;SALMON LEGAGNEUR, Guillaume~ 33:FR ~31:FR2203554 ~32:15/04/2022

2024/08398 ~ Complete ~54:SYSTEM AND METHOD FOR RECOVERING VANADIUM FROM A CHROMIUM REMOVAL UNDERFLOW OF SODIUM VANADIUM SOLUTION ~71:PANGANG GROUP VANADIUM & TITANIUM RESOURCES CO., LTD., Nongnongping, East District, Panzhihua, Sichuan, 617000, People's Republic of China ~72: CHANG, Zhi;LI, Caixia;LIU, Xuwen;QI, Zigang;REN, Xiaoming;WANG, Chao;WANG, Ying;WEI, Linsen;WU, Feng;YOU, Benyin;ZHANG, Xinxia;ZHAO, Bin;ZHAO, Yingping~ 33:CN ~31:202310742911.0 ~32:21/06/2023

2024/08400 ~ Complete ~54:BRUCellosis CELL IMMUNE PROTEIN AND USE THEREOF ~71:TECON BIOPHARMACEUTICAL CO., LTD, No. 109, Jintun Road, Industrial Park, Economic And Technological

Development Zone (Toutunhe District) (China (Xinjiang) Pilot Free Trade Zone), People's Republic of China ~72: HE, Chuanyu;HE, Sun~ 33:CN ~31:202310147968.6 ~32:22/02/2023

2024/08370 ~ Provisional ~54:A POLYCHROMATIC CARVING MEDIUM ~71:Dr. REDGARD, Shaun, 126 Rossini Boulevard S.W. 2, South Africa ~72: Dr. Shaun Redgard~

2024/08376 ~ Complete ~54:A CORNELIAN CHERRY EXTRACT, ITS PREPARATION METHOD, AND ITS APPLICATION IN FRUIT PRESERVATION. ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: Fan Yanru;Gao Hongbin;Gu Tingting;Han Chaowei;Jiang Xinyue;Ren Yahui;Zheng Mengmeng~ 33:CN ~31:2024114430757 ~32:16/10/2024

2024/08373 ~ Complete ~54:A GAMING SYSTEM FOR MENTALLY CHALLENGED PEOPLE AND ITS METHOD THEREOF ~71:Dr. Unnikrishnan K, S/o. G Krishnankutty Nair, Govindavilasam, Mangaram, Konni P. O., Pathanamthitta, Kerala, 689691, India;Hafis Muhammed TK, S/o. Abdul Khader, Thekkekkandi (H), Kuttikkattoor, Kozhikode, Kerala, 673008, India;Lekshmi R Nair, W/o. Unnikrishnan K, Govindavilasam, Mangaram, Konni P. O., Pathanamthitta, Kerala, 689691, India ~72: Anagha R;Anusree V;Devanandana T S;Dr. Unnikrishnan K;Hafis Muhammed TK;Lekshmi R Nair;Shyamkrishna U~ 33:IN ~31:202441055223 ~32:19/07/2024

2024/08394 ~ Complete ~54:WALL FOR A LEAKTIGHT AND THERMALLY INSULATING VESSEL ~71:GAZTRANSPORT ET TECHNIGAZ, 1 ROUTE DE VERSAILLES, 78470 SAINT-REMY-LES-CHEVREUSE, FRANCE, France ~72: DE COMBARIEU, Guillaume;MOREL, Benoît;SALMON LEGAGNEUR, Guillaume~ 33:FR ~31:FR2203560 ~32:15/04/2022

2024/08401 ~ Complete ~54:RETAINER SYSTEMS ~71:2MT MINING PRODUCTS PTY LTD, PO Box 5989 Mackay Mail Centre, Australia ~72: SENANAYAKE, Palitha~ 33:AU ~31:2022901257 ~32:11/05/2022;33:AU ~31:2023900162 ~32:24/01/2023

2024/08406 ~ Complete ~54:METHODS OF REDUCING COLLAGENASE-MEDIATED BRUISING IN A SUBJECT HAVING CELLULITE ~71:Endo Global Aesthetics Limited, First Floor, Minerva House, Simmonscourt Road, BALLSBRIDGE, DUBLIN, 4, IRELAND, Ireland ~72: HERNANDEZ, David;TURSÍ, James Patrick;VIJAYAN, Saji~ 33:US ~31:63/340,295 ~32:10/05/2022;33:US ~31:63/378,424 ~32:05/10/2022

2024/08410 ~ Complete ~54:ARTIFICIAL LYMPH NODE BIOREATOR ~71:MIRROR BIOLOGICS, INC., 2818 Cypress Ridge Blvd, Suite 110, Wesley Chapel, Florida, 33544, United States of America ~72: MICHAEL HARNOY~ 33:US ~31:63/328,382 ~32:07/04/2022

2024/08418 ~ Complete ~54:MONITORING INTEGRITY OF CHARGING RAIL SYSTEM ~71:CATERPILLAR INC., 100 NE Adams Street - AB6450, United States of America ~72: BRAUNSTEIN, Michael, D.~ 33:US ~31:17/741,212 ~32:10/05/2022

- APPLIED ON 2024/11/07 -

2024/08421 ~ Provisional ~54:ROCK BOLT WITH UNIDIRECTIONAL MECHANISM ~71:JOZISCAPE (PTY) LTD, CNR OF MAIN 6TH STREET, GA-RANKUWA INDUSTRIAL PARK, GA-RANKUWA, GAUTENG, 0208, South Africa ~72: BOTHA, Raymond, Mark;MARSHALL, Elton~

2024/08426 ~ Complete ~54:A METHOD FOR GENERATING A LIST OF TEXT RECORDS USING A DATABASE OF TEXT RECORDS OF A HIERARCHICAL CLASSIFIER WITH SEVERAL LEVELS OF NESTING

~71:Anna Valerevna Chernyaeva, Yasnogorskaya 17-2-312, Moscow, 117463, Russian Federation ~72: Maksim Andreevich Chernyaev~ 33:RU ~31:2024128775 ~32:27/09/2024

2024/08432 ~ Complete ~54:DEVICE FOR CREATING A DATABASE OF TEXT RECORDS OF A HIERARCHICAL CLASSIFIER WITH SEVERAL LEVELS OF NESTING ~71:Anna Valerevna Chernyaeva, Yasnogorskaya 17-2-312, Moscow, 117463, Russian Federation ~72: Maksim Andreevich Chernyaev~ 33:RU ~31:2024128778 ~32:27/09/2024

2024/08440 ~ Complete ~54:USE OF IRAK4 MODULATORS FOR GENE THERAPY ~71:GENZYME CORPORATION, 450 Water Street, Cambridge, MA, United States of America ~72: CHOUDHURY, Sourav, Roy;MOTWANI, Mona;MUELLER, Christian;REED, John~ 33:US ~31:63/330,239 ~32:12/04/2022

2024/08444 ~ Complete ~54:A METHOD FOR CORRECTING NODE LOCATION ERRORS IN UNDERWATER ACOUSTIC SENSOR NETWORKS COMBINED WITH SOUND VELOCITY INVERSION ~71:China University of Petroleum(East China), No. 66, West Changjiang Road, Huangdao District, Qingdao City, Shandong Province, 266580, People's Republic of China ~72: Xiaotian Du~

2024/08430 ~ Complete ~54:AUTOMATIC SCREENING AND RECYCLING DEVICE FOR RESIDUAL FILM IN COTTON FIELD ~71:Tarim University, No. 1487, Tamu Avenue East, Alar City, Xinjiang Uygur Autonomous Region, People's Republic of China ~72: LIU Yang;MAO Biqi;ZENG Yong;ZHANG Hong;ZHANG Yongcheng~

2024/08433 ~ Complete ~54:METHOD FOR EXTRACTING TEXT RECORDS OF A HIERARCHICAL CLASSIFIER WITH SEVERAL LEVELS OF NESTING FROM A DATABASE ~71:Anna Valerevna Chernyaeva, Yasnogorskaya 17-2-312, Moscow, 117463, Russian Federation ~72: Maksim Andreevich Chernyaev~ 33:RU ~31:2024128773 ~32:27/09/2024

2024/08424 ~ Complete ~54:DEVICE FOR COLLECTING WALNUT KERNELS ~71:Tarim university, No. 1487, Tamu Avenue East, Alar City, Xinjiang Uygur Autonomous Region, People's Republic of China ~72: MA Jiale;MAO Biqi;ZENG Yong;ZHANG Hong;ZHANG Yongcheng~

2024/08438 ~ Complete ~54:A METHOD FOR PRODUCTION OF HYDROCARBONS OF LIQUID FUEL RANGE FROM NON-EDIBLE OIL USING ZEOLITE CATALYST ~71:Dr. Dinesh Kumar, University School of Chemical Technology, Guru Gobind Singh Indraprastha University, Delhi, India;Dr. Maharshi Yadav, Village and Post Nahora, Jalalpur, District Jaunpur, Uttar Pradesh, India;Dr. Neeru Anand, University School of Chemical Technology, Guru Gobind Singh Indraprastha University, Delhi, India;Dr. Rohit Kumar Singh, House No. 411, Indranagar, P.O. - Izatnagar, Bareilly, Uttar Pradesh, India;Dr. Saurabh Yadav, 90/13E/1 MUIR Road, Rajapur, Allahabad, Uttar Pradesh, India;Dr. Shivendu Saxena, 201- C Tower, Ivory Garden, besides Giriraj Greens, Near Ajwa Chokdi, Vadodara, Gujarat, India;Girish Singh, Village- Bannamau, Post-Bannamau, Lalganj, Raebareli, Uttar Pradesh, India;Pankaj Kumar, Village-Dawanpur, Post-Jangiganj, District-Sant Ravidas Nagar Bhadohi, Uttar Pradesh, India ~72: Dr. Dinesh Kumar;Dr. Maharshi Yadav;Dr. Neeru Anand;Dr. Rohit Kumar Singh;Dr. Saurabh Yadav;Dr. Shivendu Saxena;Girish Singh;Pankaj Kumar~ 33:IN ~31:202411056290 ~32:24/07/2024

2024/08439 ~ Complete ~54:ZINC COORDINATION POLYMER CATALYST AND PREPARATION METHOD AND APPLICATION THEREOF ~71:YANTAI UNIVERSITY, No. 30 Qingquan Road, Laishan District, Yantai City, Shandong Province, 264005, People's Republic of China ~72: QIN Yusheng;QU Rui;SUO Hongyi~ 33:CN ~31:2022105149290 ~32:11/05/2022

2024/08453 ~ Complete ~54:COFFEE COMPOSITIONS ~71:Société des Produits Nestlé S.A., Entre-deux-Villes, VEVEY CH-1800, SWITZERLAND, Switzerland ~72: LELOUP, Valerie Martine Jeanine;MILO, Christian;MORIMOTO, Shinichiro;POISSON, Luigi;ZHOU, Yipin~ 33:US ~31:63/331,012 ~32:14/04/2022

2024/08458 ~ Complete ~54: MULTIPARTITE RECEPTOR AND SIGNALING COMPLEXES ~71: Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, TARRYTOWN 10591, NY, USA, United States of America ~72: JARJOUR, Jordan; LELEUX, Jardin Alexandra; POGSON, Mark ~ 33: US ~31: 63/329,003 ~32: 08/04/2022

2024/08460 ~ Complete ~54: IMPROVED WEB CONNECTION WITH TIMBER FLANGE ~71: LOGGO IP PTY LTD IN ITS CAPACITY AS TRUSTEE FOR THORNTON IP TRUST, 33 Bridge Avenue, Oak Flats, New South Wales, 2529, Australia ~72: BLAIR, Peter; THORNTON, Patrick ~ 33: AU ~31: 2022901346 ~32: 19/05/2022

2024/08422 ~ Provisional ~54: BUSINESS PROCESS AND SYSTEMS + METHODS OF USING DIGITAL TECHNOLOGY FOR PROPERTY RENOVATIONS AND IMPROVEMENTS ~71: Martin G. Botha, 969 Disselboom Str, Wapadrand, South Africa ~72: Martin Gerhardis Botha, 601016 5191 084~

2024/08425 ~ Complete ~54: METHOD FOR CREATING A DATABASE OF TEXT RECORDS OF A HIERARCHICAL CLASSIFIER WITH SEVERAL LEVELS OF NESTING ~71: Anna Valerevna Chernyaeva, Yasnogorskaya 17-2-312, Moscow, 117463, Russian Federation ~72: Maksim Andreevich Chernyaev ~ 33: RU ~31: 2024128764 ~32: 27/09/2024

2024/08429 ~ Complete ~54: A METERING SYSTEM ~71: DEERE & COMPANY, One John Deere Place, Moline, Illinois, 61265, United States of America ~72: ANANDRAJ KATHIRVEL; RAJASEKAR SIDDHESHWARAN; ROUSHAN KUMAR ~ 33: IN ~31: 202321076544 ~32: 09/11/2023

2024/08450 ~ Complete ~54: METHOD FOR MANUFACTURING PIG IRON INTO AN ELECTRICAL SMELTING FURNACE AND ASSOCIATED SMELTING FURNACE ~71: ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Jean-Christophe HUBER; Mathieu SANCHEZ; Simon Pierre DEPLECHIN~

2024/08431 ~ Complete ~54: MACHINE-READABLE MEDIA FOR CREATING A DATABASE OF TEXT RECORDS OF A HIERARCHICAL CLASSIFIER WITH SEVERAL LEVELS OF NESTING ~71: Anna Valerevna Chernyaeva, Yasnogorskaya 17-2-312, Moscow, 117463, Russian Federation ~72: Maksim Andreevich Chernyaev ~ 33: RU ~31: 2024128776 ~32: 27/09/2024

2024/08427 ~ Complete ~54: HUMANIZED AND AFFINITY MATURED ANTIBODIES TO FCRH5 AND METHODS OF USE ~71: GENENTECH, INC., 1 DNA Way, South San Francisco, California, 94080-4990, United States of America ~72: CHRISTOPH SPIESS; DANIELLE DICARA; DIEGO ELLERMAN; ISIDRO HOTZEL; JI LI; JUSTIN SCHEER; PAUL CARTER; TEEMU T JUNTILA ~ 33: US ~31: 62/180,459 ~32: 16/06/2015

2024/08435 ~ Complete ~54: A DEVICE FOR GENERATING A LIST OF TEXT RECORDS USING A DATABASE OF TEXT RECORDS OF A HIERARCHICAL CLASSIFIER WITH SEVERAL LEVELS OF NESTING ~71: Anna Valerevna Chernyaeva, Yasnogorskaya 17-2-312, Moscow, 117463, Russian Federation ~72: Maksim Andreevich Chernyaev ~ 33: RU ~31: 2024128782 ~32: 27/09/2024

2024/08446 ~ Complete ~54: NOVEL PROCESS AND INTERMEDIATE FOR THE PREPARATION OF APALUTAMIDE ~71: BDR LIFESCIENCES PRIVATE LIMITED, R. S. NO. 578, Near Effluent Channel Road, Village: Luna, Taluka: Padra, Vadodara, Gujarat 391440, India ~72: DHARMESH MAHENDRABHAI SHAH; HARSHAD GHANSHYAMBHAI KATHROTIYA; JAYSUKH BHUPATBHAI BHALALA; MADHAVKUMAR DILIPBHAI TRIVEDI; PRATIK ASHWINBHAI VORA; RAJENDRAKUMAR GOKALDAS CHAVDA; SAGAR PREMJBHAI KOTHADIYA; YASHRAJ ANJANKUMAR MAJMUDAR ~ 33: IN ~31: 202221021077 ~32: 08/04/2022

2024/08447 ~ Complete ~54: FACILITY AND METHOD FOR THE FORCED CARBONATION OF A FINE FRACTION OF A RECYCLED CONCRETE ~71: FIVES FCB, 50 Rue de Ticleni, 59650, Villeneuve D'ascq, France ~72: ALAIN CORDONNIER ~ 33: FR ~31: FR2206361 ~32: 27/06/2022

2024/08455 ~ Complete ~54:COFFEE BEVERAGE ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: BERRUT, Olivier;BURGOS, Eloi;FAN, Xing;FORNY, Laurent;HENRION, Muriel;LELOUP, Valérie Martine Jeanine;TYAGI, Sidhanth~ 33:EP ~31:22168305.5 ~32:14/04/2022;33:CN ~31:202210849909.9 ~32:19/07/2022

2024/08456 ~ Complete ~54:MULTICHAIN MULTITARGETING BISPECIFIC ANTIGEN-BINDING MOLECULES OF INCREASED SELECTIVITY ~71:Amgen Research (Munich) GmbH, Staffelseestrasse 2, MUNICH 81477, GERMANY, Germany ~72: BROZY, Johannes;EVERTS, Stephanie;MUENZ, Markus~ 33:US ~31:63/341,409 ~32:12/05/2022

2024/08428 ~ Complete ~54:A DRIVE TRANSMISSION ARRANGEMENT FOR A PLANTER ~71:DEERE & COMPANY, One John Deere Place, Moline, Illinois, 61265, United States of America ~72: ANANDRAJ KATHIRVEL;RAJASEKAR SIDDHESHWARAN;ROUSHAN KUMAR~ 33:IN ~31:202321077074 ~32:10/11/2023

2024/08437 ~ Complete ~54:EXTENDED POLYPHASE (E-P4) CODE FOR HIGH PERFORMANCE MODERN RADAR SYSTEMS ~71:Prof. M. Uttara Kumari, Department of ECE, RV College of Engineering, Mysore Road, Bangalore, Karnataka, Pin Code:560059, India;Prof.K.Raja Rajeswari, Department of ECE, GVP College of Engineering for Women, Madhurawada, Visakhapatnam, Andhra Pradesh, Pin Code:530048, India ~72: Prof. M. Uttara Kumari;Prof.K.Raja Rajeswari~ 33:IN ~31:202441015207 ~32:29/02/2024

2024/08442 ~ Complete ~54:USE OF AN IRAK4 MODULATOR FOR GENE THERAPY ~71:GENZYME CORPORATION, 450 Water Street, Cambridge, MA, United States of America ~72: CHOUDHURY, Sourav, Roy;MOTWANI, Mona;MUELLER, Christian;REED, John~ 33:US ~31:63/330,245 ~32:12/04/2022

2024/08457 ~ Complete ~54:MACROCYCLE COMPOUNDS FOR THE TREATMENT OF CANCER ~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72: CHEN, Jianguo;GUO, Lei;LIU, Haixia;SHEN, Hong;ZHANG, Weixing;ZHAO, Dan;ZHU, Wei~ 33:IB ~31:2022/106792 ~32:20/07/2022;33:IB ~31:2022/128979 ~32:01/11/2022;33:IB ~31:2023/070766 ~32:05/01/2023;33:IB ~31:2023/087631 ~32:11/04/2023

2024/08434 ~ Complete ~54:DEVICE FOR EXTRACTING TEXT RECORDS OF A HIERARCHICAL CLASSIFIER WITH SEVERAL LEVELS OF NESTING FROM A DATABASE ~71:Anna Valerevna Chernyaeva, Yasnogorskaya 17-2-312, Moscow, 117463, Russian Federation ~72: Maksim Andreevich Chernyaev~ 33:RU ~31:2024128780 ~32:27/09/2024

2024/08436 ~ Complete ~54:DEEP CONVOLUTIONAL NEURAL NETWORK BASED FISH QUALITY ASSESSMENT SYSTEM ~71:Thiagarajar College of Engineering, Thiruparankundram, Madurai 625015, Tamil Nadu, India ~72: Abdulfarith R A;Dr. M Balamurali;Dr. P Krishna Priya;Dr. S Julius Fusic;M M Devarajan;Mohamed Ashwaque Noor Mohamed;Sarveshwaran S~ 33:IN ~31:202441009072 ~32:10/02/2024

2024/08448 ~ Complete ~54:HERBICIDAL COMPOSITION CONTAINING DIFLUOROBUTENOIC ACID AMIDE COMPOUND ~71:ISHIHARA SANGYO KAISHA, LTD., 3-15, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500002, Japan ~72: HISAKI TANAKA;KAZUOMI TSUDA;KENICHI NAKAMOTO;MASAYUKI NAKAMURA;TOSHIHIKO UEKI;YOSHICHIKA HARA;YU NAITO~ 33:JP ~31:2022-094501 ~32:10/06/2022

2024/08452 ~ Complete ~54:BEVERAGE PREPARATION SYSTEM ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: ASMAR, Aramia;FRAGNIÈRE, Frédéric;GEMPERLE, Armin;QUATTRONE, Silvia;STRAUMANN, Andreas~ 33:EP ~31:22168478.0 ~32:14/04/2022

2024/08441 ~ Complete ~54:DENDRITIC CELL ASSAY FOR INNATE IMMUNOGENICITY TO GENE THERAPY AGENTS ~71:GENZYME CORPORATION, 450 Water Street, Cambridge, MA, United States of America ~72: CHOUDHURY, Sourav;MOTWANI, Mona~ 33:US ~31:63/330,241 ~32:12/04/2022

2024/08445 ~ Complete ~54:SYSTEMS AND METHODS FOR INSECT CONTROL ~71:TERRAMOR, INC., 1110 NE Circle Blvd., United States of America ~72: TAIT, Gabriella;WALTON, Vaughn~ 33:US ~31:63/348,826 ~32:03/06/2022

2024/08449 ~ Complete ~54:GREASE THICKENING AGENT ~71:INVISTA TEXTILES (U.K.) LIMITED, 20 Wood Street, London, EC2V 7AF, United Kingdom ~72: EDWARD A SULLIVAN;ERIC ROBERT SIRIANNI;MARYANNE MORES;STEWART FORSYTH~ 33:US ~31:63/351,582 ~32:13/06/2022;33:US ~31:63/423,815 ~32:09/11/2022;33:US ~31:63/463,576 ~32:03/05/2023

2024/08451 ~ Complete ~54:MULTIPARTITE RECEPTOR AND SIGNALING COMPLEXES ~71:Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, TARRYTOWN 10591, NY, USA, United States of America ~72: JARJOUR, Jordan;LELEUX, Jardin Alexandra;POGSON, Mark~ 33:US ~31:63/329,003 ~32:08/04/2022

2024/08454 ~ Complete ~54:PROCESSES FOR PRODUCING COFFEE COMPOSITIONS ~71:Société des Produits Nestlé S.A., Entre-deux-Villes, VEVEY CH-1800, SWITZERLAND, Switzerland ~72: LELOUP, Valerie Martine Jeanine;MILO, Christian;MORIMOTO, Shinichiro;POISSON, Luigi;ZHOU, Yipin~ 33:US ~31:63/331,017 ~32:14/04/2022

2024/08459 ~ Complete ~54:CD3/BCMA/CD38 TRISPECIFIC ANTIBODIES ~71:Ichnos Sciences SA, Chemin de la Combata 5, LA CHAUX-DE-FONDS 2300, SWITZERLAND, Switzerland ~72: CARRETERO IGLESIA, Laura;CHIMEN, Myriam;CROASDALE-WOOD, Rebecca;DRAKE, Adam;DREYFUS, Cyrille;DYSON, Michael;ESTOPPEY, Carole;HALL, Olivia;LOYAU, Jérémy;MACOIN, Julie;MONNEY, Thierry;PAIS, Daniela;PERRO, Mario;PIHLGREN BOSCH, Maria;SRIVASTAVA, Ankita~ 33:EP ~31:22172090.7 ~32:06/05/2022;33:EP ~31:22186879.7 ~32:26/07/2022;33:EP ~31:22207756.2 ~32:16/11/2022;33:EP ~31:22212233.5 ~32:08/12/2022

2024/08423 ~ Provisional ~54:PUSH FIT FITTING ~71:Hendrik Jakobus van Wyk, 3 Ashford Crescent, Brookside Village, South Africa ~72: Hendrik Jakobus van Wyk~

2024/08443 ~ Complete ~54:PROCESS FOR THE RECOVERY OF PLATINUM FROM SPENT PLATINUM-CONTAINING SOLID RESIDUES ~71:FUNDACION TECNALIA RESEARCH & INNOVATION, Parque Científico y Tecnológico de Bizkaia Astondo Bidea, Edificio 700, Spain ~72: ALDANA MARTINEZ, Jose Luis;ANTOÑANZAS GONZÁLEZ, Francisco Javier;DEL RÍO GAZTELURRUTIA, Carmen;HIDALGO BETANZOS, Joaquin;INOKA SIRIWARDANA, Amal;MARTIN UGARTE, Eider;POZO ZAMORA, Guillermo Alonso;SÁNCHEZ CUPIDO, Laura;UNZURRUNZAGA ITURBE, Ainhoa~ 33:ES ~31:22382410.3 ~32:28/04/2022

- APPLIED ON 2024/11/08 -

2024/08479 ~ Complete ~54:AUXILIARY EQUIPMENT FOR TEACHING PIANO PLAYING SKILLS ~71:Huainan Normal University, Dongshan West Road, Tianjia'an District, Huainan City, Anhui Province, 232038, People's Republic of China ~72: Ding Liang~

2024/08481 ~ Complete ~54:PIPERIDINYL-METHYL-PURINE AMINE D-TARTARIC ACID SALTS, CRYSTALLINE FORMS, AND THEIR USE IN TREATING MEDICAL DISEASES AND CONDITIONS ~71:K36 THERAPEUTICS, INC., 1 Main St., Cambridge, United States of America ~72: CONNOLLY, Terrence, Joseph;LEWIS, Chad Arthur~ 33:US ~31:63/343,225 ~32:18/05/2022

2024/08485 ~ Complete ~54:METHOD FOR MANUFACTURING CEMENT CLINKER USING STAINLESS STEEL SLAG ~71:ORBIX PRODUCTIONS, Henry Fordlaan 84, 3600, Genk, Belgium ~72: DIRK VAN MECHELEN;SERGE CELIS~ 33:EP ~31:22168677.7 ~32:15/04/2022

2024/08488 ~ Complete ~54:MENIN-MLL INHIBITORS FOR THE TREATMENT OF CANCER ~71:SYNDAX PHARMACEUTICALS, INC., 35 Gatehouse Drive, Building D, Floor 3, Waltham, Massachusetts, 02451, United States of America ~72: BRIGGS W MORRISON;GERARD, M MCGEEHAN~ 33:US ~31:63/339,635 ~32:09/05/2022

2024/08501 ~ Complete ~54:NOVEL 7-SUBSTITUTED INDOLE SULFONAMIDE DERIVATIVES ~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72: GALLEY, Guido;GOBBI, Luca Claudio;GUBA, Wolfgang;MAZUNIN, Dmitry;PINARD, Emmanuel~ 33:EP ~31:22187363.1 ~32:28/07/2022

2024/08505 ~ Complete ~54:PROVIDING CONTROL INFORMATION ~71:Sandvik Mining and Construction Oy, Pihtisulunkatu 9, TAMPERE 33330, FINLAND, Finland ~72: AHOLA, Panu;MAKKONEN, Eero;PESOLA, Mikko~ 33:EP ~31:22179617.0 ~32:17/06/2022

2024/08497 ~ Complete ~54:A METHOD FOR MANUFACTURING MOLTEN PIG IRON INTO AN ELECTRICAL SMELTING FURNACE ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Eric Alain Gabriel HESS;Jean-Christophe HUBER;Mathieu SANCHEZ~

2024/08500 ~ Complete ~54:SWEETENER COMPOSITIONS ~71:Firmenich SA, 7, rue de la Bergère, SATIGNY 1242, SWITZERLAND, Switzerland ~72: DING, Yi-Chun;XIANG, Wen-Juan;YIN, Dan-Ting~ 33:IB ~31:2022/086060 ~32:11/04/2022;33:EP ~31:22173880.0 ~32:17/05/2022

2024/08604 ~ Provisional ~54:IMMUNADUE ORIGINAL PLUS ~71:SCHALK MULDER, 429 DEKGRAS, South Africa ~72: SCHALK MULDER~

2024/08462 ~ Provisional ~54:SKIP ~71:WERKMAN ENGINEERING (PTY) LTD., 7 Industria Street Potchindustria, Potchefstroom, North West Province, 2531, South Africa ~72: BEREND WERKMAN~

2024/08469 ~ Complete ~54:THE INVENTION RELATES TO AN ANIMAL ABDOMINAL CAVITY CELL EXTRACTION DEVICE ~71:The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University, 109 Xueyuan West Road, Lucheng District, Wenzhou City, Zhejiang Province, 325000, People's Republic of China ~72: CHEN, Huilong;FU, Panhan;JIN, Shengwei;LI, Hui;MEI, Hongxia~

2024/08478 ~ Complete ~54:COMPUTER IMAGE PROCESSING SYSTEM ~71:Xinyu University, No. 2666 Sunshine Avenue, High tech Zone, Xinyu City, Jiangxi Province, 338004, People's Republic of China ~72: Fu Siyong;Mo Xiaoling;Shen Ying;Wu Guangsheng;Wu Lei;Zhu Weihua~

2024/08480 ~ Complete ~54:METHOD FOR DETERMINING FAVORABLE AREAS OF SANDSTONE-TYPE URANIUM BASINS BY UTILIZING ZIRCON U-PB DATING AND IN-SITU HF ISOTOPE ANALYSIS ~71:CNNC GEOLOGIC PARTY NO. 208, CNNC GEOLOGIC PARTY NO. 208, Block 9, Alding Street, Kundulun District, Baotou City, People's Republic of China ~72: HAO, Peng;LI, Peng;LI, Xibin;LIU, Bo;PENG, Yunbiao;QIN, Yanwei;WANG, Guo;WANG, Hui;ZHANG, Feng~ 33:CN ~31:202410999312.1 ~32:24/07/2024

2024/08471 ~ Complete ~54:MILLIMETER WAVE RADAR TARGET DETECTION SYSTEM AND DETECTION METHOD THEREOF ~71:Anhui Polytechnic University, Beijin Road, Wuhu City, Anhui Province, 241000, People's Republic of China;Electronic Radar (Wuhu) Technology Co.Ltd., No.156,Wanchun Middle Road, Jiujiang Zone, Wuhu City, Anhui Province, 241000, People's Republic of China;Yangtze River Delta HIT Robot

Technology Research Institute, No. 17, Shenzhou Road, Jiujiang Zone, Wuhu City, Anhui Province, 241000, People's Republic of China ~72: CHEN Shuang;LIU Guiru;SUN Jian;WANG Lulin;WANG Wei~

2024/08472 ~ Complete ~54:PERCUTANEOUS ACCESS DEVICE ~71:BECKER, Gert Stephanus, 1378b Breyer Avenue, Waverley, South Africa ~72: BECKER, Gert Stephanus~ 33:ZA ~31:2023/09267 ~32:04/10/2023

2024/08473 ~ Complete ~54:A FUMIGATION DEVICE FOR GOUTY ARTHRITIS REHABILITATION ~71:Minhang Hospital, Fudan University, 170 Xinsong Road, Minhang District, Shanghai City, 201199, People's Republic of China ~72: Dongqing Zhang;Fei Pan;Jiaqi Gan;Mengting Hu~

2024/08475 ~ Complete ~54:AIR-BLOWN TYPE FRUIT SORTING MACHINE ~71:Anhui Science And Technology University, No. 9 Donghua Road, Fengyang County, Chuzhou City, Anhui Province, 233100, People's Republic of China;Chuzhou Hetian Agricultural Machinery Co., Ltd., (No. 3 Workshop of Chuzhou Boyuan Decoration Engineering Co., Ltd.) Yangqiao Industrial Park, Xianghe Town, Quanjiao County, Chuzhou City, Anhui Province, 239000, People's Republic of China ~72: AI, Zhiyun;KANG, Hao;LIAO, Junling;QIAO, Yinhu;WU, Xiangji;ZHANG, Chunyan;ZHAO, Wei~

2024/08477 ~ Complete ~54:PHYSICAL EXERCISE DEVICE ~71:Jingdezhen University, No. 3, Fuliang Avenue, Fuliang County, Jingdezhen City, Jiangxi Province, 333400, People's Republic of China ~72: Cao Xidong~

2024/08514 ~ Provisional ~54:IMMUNADUE ORIGINAL PLUS ~71:SCHALK MULDER, 429 DEKGRAS, South Africa ~72: SCHALK MULDER~

2024/08467 ~ Complete ~54:CARBON FIBER CLOTH CONFINED FRP REINFORCED CONCRETE BEAM ~71:Dalian University of Technology, No.2 Linggong Road, Ganjingzi District, Dalian City, Liaoning Province, 116024, People's Republic of China;TIANJIN RENAI COLLEGE, Boxueyuan, Tuanboxincheng, Jinghai District, Tianjin, 301636, People's Republic of China;Zhejiang University of Science and Technology, No.318 Liuhe Road, Xihu District, Hangzhou City, Zhejiang Province, 310023, People's Republic of China ~72: Hongwei WANG;Jinjin XU;Kaiming PAN;Xiaoyan HAN;Xu JIANG;Zhimin WU~

2024/08474 ~ Complete ~54:A SYSTEM FOR DISPENSING FUEL, AND A METHOD OF DISPENSING FUEL ~71:PAULSEN, Justin, 71 Springfield Close, 7 Sauvignon Road, Burgundy Estate, South Africa ~72: PAULSEN, Justin~

2024/08466 ~ Provisional ~54:ALL PURPOSE UNIVERSAL GLOSS LIQUID FORMULATION ~71:Robert Sidney Crick, 26 Bodley Road, Laezonia AH, Pretoria, 0026, South Africa ~72: Robert Sidney Crick~

2024/08484 ~ Complete ~54:METHODS AND COMPOSITIONS FOR TREATING FATTY LIVER AND VIRAL INFECTIONS ~71:THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, Office of the General Counsel, Building 170, 3rd Floor, United States of America ~72: ELAZAR, Menashe;GLENN, Jeffrey S.;NO, Da Yoon;PHAM, Edward A.;SMITH, Mark;YEE, Matthew F.~ 33:US ~31:63/344,467 ~32:20/05/2022

2024/08461 ~ Provisional ~54:INDUCTIVE CODE DETECTION ~71:AZOTEQ HOLDINGS LIMITED, c/o Spyrou Kyprianou Avenue 20, Chapo Central, Cyprus ~72: BRUWER, Frederick Johannes;RADEMEYER, Daniel Barend;WOLMARANS, Wikus~

2024/08464 ~ Provisional ~54:A DEVICE FOR DETECTING AND PREVENTING EYE DISEASES ~71:Karuna Yasvantrai SUKHA, 67 Protea Avenue, South Africa ~72: SUKHA, Anusha Yasvantrai;SUKHA, Karuna Yasvantrai~

2024/08465 ~ Provisional ~54:ICE BREAKING ~71:DUNCAN, Douglas Malcolm, 901 Cloud Cover Lane, Leander, United States of America;DUNCAN, Grant Malcolm, 901 Cloud Cover Lane, Leander, United States of

America;DUNCAN, Malcolm, 901 Cloud Cover Lane, Leander, United States of America ~72: DUNCAN, Douglas Malcolm;DUNCAN, Grant Malcolm;DUNCAN, Malcolm~

2024/08468 ~ Complete ~54:A CANTILEVER BEAM SPECIMEN CRACK PROPAGATION DEVICE AND ITS METHOD ~71:Shaoguan University, School of Intelligent Engineering, Shaoguan University, No. 288 Daxue Road, Zhenjiang District, Shaoguan City, People's Republic of China ~72: Chen Mingtao;Huang Changzheng;Li Jin;Long Hui;Luo Huan;Mao Guisheng~ 33:CN ~31:202410739950X ~32:07/06/2024

2024/08470 ~ Complete ~54:DIETARY FORMULA APPLICABLE TO REHABILITATION OF CARDIOVASCULAR AND CEREBROVASCULAR DISEASES AND CAPABLE OF NOURISHING LIVER AND KIDNEY ~71:SHANDONG PUBLIC HEALTH CLINICAL CENTER, No. 2999 Gangxing West Road, Licheng District, Jinan City, Shandong Province, 250000, People's Republic of China ~72: RONG, Ningning;ZHAO, Di;ZHAO, Tian;ZHU, Aihua~

2024/08490 ~ Complete ~54:PROCESS AND PLANT FOR PRODUCING RENEWABLE FUELS ~71:TOPSOE A/S, Haldor Topsøes Allé 1, 2800, Kgs. Lyngby, Denmark ~72: JOHANNES QUINTERO~ 33:DK ~31:PA202200444 ~32:11/05/2022

2024/08503 ~ Complete ~54:NOVEL 7-SUBSTITUTED INDOLE SULFONAMIDE DERIVATIVES ~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72: GALLEY, Guido;GOBBI, Luca Claudio;GUBA, Wolfgang;MAZUNIN, Dmitry;PINARD, Emmanuel~ 33:EP ~31:22187365.6 ~32:28/07/2022

2024/08476 ~ Complete ~54:MECHANICAL DEVICE FOR ASSISTING ELDERLY TO SQUAT AND USE METHOD THEREFOR ~71:Xinyu University, No. 2666 Sunshine Avenue, High tech Zone, Xinyu City, Jiangxi Province, 338000, People's Republic of China ~72: Chen Ping;Liu Hao;Luo Mengqiong;Xie Fuzhen;Zhou Xiaoping;Zhu Shuangxia~

2024/08482 ~ Complete ~54:AEROSOL-GENERATING ARTICLE WITH RELATIVELY LONG ROD OF LOW DENSITY AEROSOL-GENERATING SUBSTRATE ~71:PHILIP MORRIS PRODUCTS S.A., Quai Jeanrenaud 3, Switzerland ~72: SAADE LATORRE, Eva;UTHURRY, Jerome;ŞENYILMAZ, Hüseyin Efe~ 33:EP ~31:22168014.3 ~32:12/04/2022

2024/08502 ~ Complete ~54:MEASURING STOPPING DISTANCE OF A WORKING MACHINE WITH AN APPARATUS ~71:Sandvik Mining and Construction Oy, Pihtisulunkatu 9, TAMPERE 33330, FINLAND, Finland ~72: LEHTONEN, Jarkko;RAUHALA, Riku~ 33:EP ~31:22181544.2 ~32:28/06/2022

2024/08486 ~ Complete ~54:FORMULATIONS FOR ORAL DELIVERY OF POLYPEPTIDES, ANTIBODIES AND PROTEINS AND USES THEREOF ~71:PRODIGY BIOTECH, INC., 719 Bradford Terrace, West Chester, Pennsylvania, 19382, United States of America ~72: SRUTHI SARVEPALLI;VINEELA PARVATHANENI;VIVEK GUPTA~ 33:US ~31:63/341,727 ~32:13/05/2022

2024/08489 ~ Complete ~54:BETA-GLUCURONIDE LINKER-PAYLOADS, PROTEIN CONJUGATES THEREOF, AND METHODS THEREOF ~71:SUTRO BIOPHARMA, INC., 111 Oyster Point Boulevard South San Francisco, California, 94080, United States of America ~72: ANDREAS MADERNA;KRISHNA BAJJURI;TONI KLINE~ 33:US ~31:63/355,975 ~32:27/06/2022

2024/08493 ~ Complete ~54:SYSTEMS AND METHODS FOR MONITORING OPERATION UNDER LIMP MODE ~71:CATERPILLAR INC., 100 NE Adams Street - AB6450, United States of America ~72: LAY, Norman Keith;MATHEW, Shawn N.;MILKOWSKI, Arthur;PLOUZEK, John M.;SHAIK, Subhani M.~ 33:US ~31:17/742,257 ~32:11/05/2022

2024/08498 ~ Complete ~54:HIGH MANGANESE HOT ROLLED STEEL AND A METHOD OF PRODUCTION THEREOF ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Aniruddha DUTTA;Elvan EKIZ;Lieven BRACKE;Tom WATERSCHOOT~

2024/08495 ~ Complete ~54:A METHOD FOR MANUFACTURING PIG IRON IN AN ELECTRICAL SMELTING FURNACE AND ASSOCIATED FURNACE ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Jean-Christophe HUBER;Mathieu SANCHEZ~

2024/08463 ~ Provisional ~54:UNDERWEAR ~71:ABDOOL REHMAN ISMAIL KADER, 139 Warangal Road, South Africa ~72: KADER, Abdool Rehman Ismail~

2024/08487 ~ Complete ~54:SYSTEMS AND METHODS FOR RECOVERING RADIUM-226 ~71:RADTRAN LLC, 5428 S. Idalia Way, Centennial, Colorado, 80015, United States of America ~72: SALEEM S DRERA~ 33:US ~31:63/342,619 ~32:16/05/2022

2024/08494 ~ Complete ~54:A METHOD FOR MANUFACTURING PIG IRON IN AN ELECTRICAL SMELTING FURNACE AND ASSOCIATED ELECTRICAL SMELTING FURNACE ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Jean-Christophe HUBER;Mathieu SANCHEZ;Simon Pierre DEPLECHIN~

2024/08496 ~ Complete ~54:HYDROGEN PRODUCTION AND SULFUR-CARBON SEQUESTRATION ~71:KOLOMA, INC., 1900 Grant Street,, Suite 1250,, Denver, Colorado, CO 80203, United States of America ~72: DARRAH, Thomas;HARRINGTON, Jacob;JOHNSON, Peter;WHYTE, Colin~ 33:US ~31:63/330,216 ~32:12/04/2022;33:US ~31:63/330,220 ~32:12/04/2022;33:US ~31:63/330,223 ~32:12/04/2022

2024/08506 ~ Complete ~54:COMPOSITION COMPRISING A PHTHALIMIDE FUNGICIDE AND AN ACETIC ACID-BASED BUFFER ~71:Adama Makhteshim Ltd., P.O. Box 60, BEER SHEVA 8410001, ISRAEL, Israel ~72: FIRER SLAVA, Viacheslav;GORLOVETSKY, Ivan;POLIAK, Diana;PRAIZ , Anna~ 33:US ~31:63/340,807 ~32:11/05/2022

2024/08492 ~ Complete ~54:A GRATUITY SYSTEM ~71:COODE, Robin, 753 ZWAVELSKLOOF ESTATE, 56 SAAL STREET, ZWAVELKLOOF, 0081, SOUTH AFRICA, South Africa;TEMPLE, Kimlynn, 6 FARMSTEAD AVENUE, SOUTHDOWNS ESTATE, IRENE, CENTURION, 0157, SOUTH AFRICA, South Africa ~72: COODE, Robin;TEMPLE, Kimlynn~ 33:ZA ~31:2022/07864 ~32:15/07/2022

2024/08504 ~ Complete ~54:FLAVIVIRUS INHIBITORS ~71:C.N.C.C.S. S.c.a.r.l. Collezione Nazionale Dei Composti Chimici e Centro Screening, Via Pontina Km 30,600, POMEZIA (RM) 00071, ITALY, Italy;IRBM S.p.A., Via Pontina Km 30,600, POMEZIA 00071, ITALY, Italy ~72: ALLI, Cristina;AMAUDRUT, Jerome;BENCHEVA, Leda;BRESCIANI, Alberto;CORIO, Alessandra;DI FABIO, Romano;FERRIGNO, Federica;MONTALBETTI, Christian A.G.N.;ONTORIA ONTORIA, Jesus Maria;PAONESSA, Giacomo;QUOTADAMO, Antonio;TORRENTE DE HARO, Esther~ 33:EP ~31:22175308.0 ~32:25/05/2022

2024/08483 ~ Complete ~54:AEROSOL-GENERATING ARTICLE AND AEROSOL-GENERATING SYSTEM COMPRISING AN INTERNAL HEATING ELEMENT ~71:PHILIP MORRIS PRODUCTS S.A., Quai Jeanrenaud 3, Switzerland ~72: HUANG, Houxue;ZUBER, Gérard~ 33:EP ~31:22168014.3 ~32:12/04/2022;33:EP ~31:22168017.6 ~32:12/04/2022;33:EP ~31:22168019.2 ~32:12/04/2022;33:EP ~31:22168021.8 ~32:12/04/2022;33:EP ~31:22168022.6 ~32:12/04/2022;33:EP ~31:22168025.9 ~32:12/04/2022

2024/08491 ~ Complete ~54:ANTI-TL1A ANTIBODIES AND METHODS OF USE THEREOF ~71:BRISTOL-MYERS SQUIBB COMPANY, Route 206 & Province Line Road, Princeton, New Jersey, 08540-4000, United States of America;PFIZER INC., 66 Hudson Boulevard East, New York, New York 10001-2192, United States of America ~72: FANG JIN;FRIDRIK KARLSSON;JAMES REASONER APGAR;JESSICA HAEWON MIN

DEBARTOLO;KIMBERLY ANN MARQUETTE;LAIRD BLOOM;LIUDMILA TCHISTIAKOVA;NICOLE MELISSA PICHE-NICHOLAS~ 33:US ~31:63/364,559 ~32:11/05/2022;33:US ~31:63/371,697 ~32:17/08/2022;33:US ~31:63/495,762 ~32:12/04/2023

2024/08499 ~ Complete ~54:SUNSCREEN COMPOSITION COMPRISING: A METAL OXIDE, SPF ACTIVE INGREDIENT; AND ONE OR MORE SPF ENHANCEMENT COMPONENT COMPRISING A PHOTOSTABILIZER, AN ANTIOXIDANT, OR A COMBINATION THEREOF ~71:Colgate-Palmolive Company, 300 Park Avenue, NEW YORK 10022, NY, USA, United States of America ~72: COCUZZA, Devon Sean~ 33:US ~31:63/342,394 ~32:16/05/2022

2024/08507 ~ Provisional ~54:KTES INNOVATION OF SELF CHARGING DYNAMO SYSTEM PULL WAVE RECTIFIER TO SELF CHARGE,ELECTRIC VEHICLES,TRAINS,BUSES,BIKES,DRONES PLANES,SPACESHIPS AND OTHERS SUCH AS DRILLS,GRINGERS ~71:Mr Clifford Themba Tshabalala, 3479 Modumo Street, Thokoza,, South Africa ~72: Mr Clifford Themba Tshabalala~

- APPLIED ON 2024/11/11 -

2024/08517 ~ Complete ~54:A BED EQUIPPED WITH A PENDULUM MECHANISM ~71:LACUNA LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG OTRADNOYE, PROYEZD VYSOKOVOLTNIY, D. 21 STR. 5, Moscow, 127566, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129112 ~32:30/09/2024

2024/08522 ~ Complete ~54:A METHOD, A DEVICE AND A MEDIUM FOR IMAGE SEGMENTATION ~71:Peking University, No.5 Yiheyuan Road, Haidian District, Beijing, People's Republic of China;Shenyang Urban Construction University, No. 501, Quan Yun Wu Road, Hunnan District, Shenyang City, People's Republic of China ~72: Jiang Baoshi;Zhang Guangyuan~ 33:CN ~31:2024114377952 ~32:15/10/2024

2024/08556 ~ Complete ~54:METHODS AND COMPOSITIONS FOR TREATING IGG4- RELATED DISEASES ~71:ZENAS BIOPHARMA, INC., 1209 Orange Street, Wilmington, DE 19801, United States of America ~72: ALLEN POMA;SHAUNA QUINN;XIAODONG WANG~ 33:US ~31:63/348,861 ~32:03/06/2022;33:US ~31:63/386,781 ~32:09/12/2022;33:US ~31:63/497,929 ~32:24/04/2023

2024/08562 ~ Provisional ~54:ONE NIGHT MUSIC STANDS ~71:KHOLOFELO MARUPUTLA JUNIOR MASHATOLE, FLAT NO.375, LITTLE MANHATTAN, South Africa ~72: KHOLOFELO MARUPUTLA JUNIOR MASHATOLE~

2024/08508 ~ Provisional ~54:LOW-COST, PORTABLE & LOW-MAINTENANCE COMPRESSED AIR MEASUREMENT SOLUTION FOR HOSTILE ENVIRONMENTS. ~71:Mine Clever (Pty) Ltd, 77 Tijger Vallei Office Park, 7 Pony street, South Africa ~72: EH MATHEWS~

2024/08523 ~ Complete ~54:ELECTRONIC DEVICE PLACED ON A VERTICAL SURFACE AND CONTROLLED BY MEANS OF A BRACKET ~71:SMARTPOINT LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG MARYINO, B-R PERERVINSKIY, D. 27 K. 1 , POMESHCH. 10N, Moscow, 109469, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129099 ~32:30/09/2024

2024/08529 ~ Complete ~54:PRECISION MEASURING DEVICE FOR LATHE MACHINING ~71:Huizhou Youyida Technology Co., Ltd., Room 601, Building 3, Taidong Science and Technology Park, No. 19 Longxing Road, West District, Daya Bay, Huizhou City, Guangdong Province, People's Republic of China ~72: Guochao LI;Meng LIANG;Xianhui XIE;Xueming LIANG~ 33:CN ~31:2024107325915 ~32:07/06/2024

2024/08534 ~ Complete ~54:FLOATING WIND POWER PLATFORM FOR SUPPRESSING SWING AND OCEAN WAVE POWER GENERATION BY FIN STABILIZERS ~71:Anhui Science And Technology University, No. 9 Donghua Road, Fengyang County, Chuzhou City, Anhui Province, 233100, People's Republic of China ~72: QIAO, Yinhu;SONG, Shuqiang;WANG, Jue;ZHANG, Chunyan;ZHAO, Wei~

2024/08548 ~ Complete ~54:COMPOSITIONS AND METHODS FOR PREVENTING, TREATING, SUPPRESSING AND/OR ELIMINATING PHYTOPATHOGENIC INFESTATIONS AND INFECTIONS ~71:Novonesis Plant Biosolutions A/S, Biologiens Vej 2, KONGENS LYNGBY DK-2880, DENMARK, Denmark;Novozymes A/S, Krogshoejvej 36, BAGSVAERD DK-2880, DENMARK, Denmark ~72: BENNEDSEN, Birgitte Gjerde;BRANDON, Kate Sarah;GINN, Adam;INCH, Sharon;KAASGAARD, Svend Gunnar;LIBERMAN, Louisa;MALONEY, Gregory Stephen;MCGREGOR, Cari;NUNES, Ines Marques;PETITTE, Jennifer;QUINLAN, Jason;RUARK-SEWARD, Casey;RUSSELL, Calum;STRINGER, Mary Ann;THOMPSON, Meaghan~ 33:US ~31:63/342,064 ~32:14/05/2022;33:IB ~31:2022/073761 ~32:15/07/2022;33:US ~31:63/476,590 ~32:21/12/2022

2024/08510 ~ Provisional ~54:THREADED FITTING ~71:Hendrik Jakobus van Wyk, 3 Ashford Crescent, Brookside Village, South Africa ~72: Hendrik Jakobus van Wyk~

2024/08511 ~ Provisional ~54:PRECIPITATION MEMBRANE ~71:STELLENBOSCH UNIVERSITY, Admin B, Victoria Street, South Africa ~72: VAN DER MERWE, Henry Richter~

2024/08520 ~ Complete ~54:METHOD FOR FABRICATING INNER WHISPERING GALLERY MODE MICROCAVITY FLUID CHANNEL OF HOLLOW-CORE MICROSTRUCTURED OPTICAL FIBER ~71:Tangshan University, 11 Daxue West Road, Tangshan City, Hebei Province, 063000, People's Republic of China ~72: DONG, Yanan;HOU, Xihuan;SHI, Huimin;WANG, Chao;WANG, Lixia;WEI, Mingzhe;WU, Junjun~

2024/08535 ~ Complete ~54:NAVIGATION CONTROL METHOD FOR WHEELED MOBILE ROBOT IN CROWD ~71:TANGSHAN UNIVERSITY, No. 11 Daxue West Road, Tangshan City, Hebei Province, 063000, People's Republic of China ~72: ZHOU, Haomiao~

2024/08550 ~ Complete ~54:STABILIZED PRE-FUSION HMPV FUSION PROTEINS ~71:MSD International Business GmbH, Tribschenstrasse 60, LUCERNE 6005, SWITZERLAND, Switzerland ~72: BAKKERS, Mark Johannes Gerardus;JURASZEK, Jaroslaw;LANGEDIJK, Johannes Petrus Maria;RITSCHHEL, Tina~ 33:EP ~31:22173131.8 ~32:12/05/2022

2024/08557 ~ Complete ~54:BRM TARGETING COMPOUNDS AND ASSOCIATED METHODS OF USE ~71:PRELUDE THERAPEUTICS INCORPORATED, 175 Innovation Boulevard, Wilmington, Delaware 19805, United States of America ~72: ANDREW PAUL COMBS;ARTEM SHVARTSBART;COREY HOWARD BASCH;DANIELLE JULIE BEAM ROTH;JOHN A ROSE;KATARINA ROHLFING;KLARE LAZOR BERSH;LIANG LU;SONG MEI;XIAOWEI WU~ 33:US ~31:63/340,185 ~32:10/05/2022

2024/08563 ~ Provisional ~54:KTES WEB SOCKET API TRACING SYSTEM A COMPULSORY TOOL TO ENFORCE COMPLIANCE OF SECTION 37C OF PENSION FUND ACT 12 MONTHS TRACING PERIOD ALLOWED ~71:CLIFFORD THEMBA TSHABALALA, 3479 MODUMO STREET, THOKOZA, South Africa ~72: CLIFFORD THEMBA TSHABALALA~

2024/08536 ~ Complete ~54:METHOD FOR TISSUE CULTURE AND RAPID PROPAGATION OF SUPERIOR TREE OF PAULOWNIA CATALPIFOLIA ~71:Research Institute of Non-timber Forestry, Chinese Academy of Forestry, No. 3 Weiwu Road, Jinshui District, Zhengzhou City, Henan Province, 450003, People's Republic of China ~72: DUAN, Wei;FENG, Yanzhi;QIAO, Jie;SI, Yuanyuan;WANG, Baoping;YANG, Chaowei;ZHANG, Yue;ZHAO, Yang~

2024/08540 ~ Complete ~54:ACID AND ALKALI RESISTANT GLASS AND PREPARATION METHOD THEREOF ~71:Jiangsu Huaou Glass Co., Ltd., Hua'ou Avenue (F), Longgang Industrial Park, Yandu District, Yancheng City, Jiangsu Province, 224011, People's Republic of China ~72: CHEN, Hua;CHEN, Ruzhu~ 33:CN
~31:202410603431.0 ~32:15/05/2024

2024/08564 ~ Provisional ~54:REWARD FACTORIZATION ALGORITHM ~71:Tofara Moyo, 5 Protea lane Newton west, Zimbabwe ~72: Tofara Moyo~

2024/08521 ~ Complete ~54:CULTIVATION METHOD OF U-SHAPED HIGH RIDGING AND COVERING WIDE ROWS AND DENSE PLANTS IN SALINE-ALKALI LAND ~71:Shandong Institute of Pomology, No.66 Longtan Road, Tai'an City, Shandong Province, People's Republic of China ~72: CHEN Qiming;DONG Xiaochang;WEI Shuwei~

2024/08526 ~ Complete ~54:METAL OXIDE SEMICONDUCTOR GAS SENSOR ~71:SUZHOU UNIVERSITY, Erpu Village, Zhuxianzhuang Town, Yongqiao District, Suzhou City, Anhui Province, 234111, People's Republic of China ~72: GAO Yalan;LI Songzhou;QIN Wenbo;SHEN Shuhao;XU Xu;ZHANG Zhiwei~

2024/08531 ~ Complete ~54:IN-BARREL MICROWAVE HEATING AND DRYING PROCESS FOR RADIOACTIVE LIQUID WASTE ~71:NEPTU International Co., Ltd., Room 224, No. 800, Huanhu West 2nd Road, Pudong New Area, Shanghai, 201306, People's Republic of China;Nusim S.A.U., Edificio Viapol, C/ Balbino Marrón, 8, Planta 6, Mod 11, Sevilla, 41018, Spain ~72: Francisco Bernal Martínez;Gulifeiruzi Aikeremu;José Manuel García Ortega;Nicasio García Muelas;TIAN Lin;WANG Wei;WANG Xingyu~ 33:CN
~31:2023117586071 ~32:20/12/2023

2024/08538 ~ Complete ~54:BOS GRUNNIENS FORMULA MILK POWDER BENEFICIAL TO MAINTAINING BLOOD LIPID AND BONE HEALTH LEVELS ~71:Liao Yuan Dairy Co., Ltd., Gannan Cooperative Ecological Industrial Park, Hezuo City, Gannan Tibetan Autonomous Prefecture, Gansu Province, 747000, People's Republic of China;Linxia Liaoyuan Dairy Industry Research Institute Co., Ltd., Halal Food Zone, Linxia County Economic Development Zone, Linxia Hui Autonomous Prefecture, Gansu Province, 731100, People's Republic of China;Linxia Prefecture Liao Yuan Dairy Co., Ltd., Halal Food Zone, Linxia County Economic Development Zone, Linxia Hui Autonomous Prefecture, Gansu Province, 731100, People's Republic of China ~72: HU, Yulan;LIU, Ying;MA, Juanjuan;MA, Keqing;QIN, Hong;WANG, Xiangzhu~

2024/08533 ~ Complete ~54:A MODULATOR ~71:CHAMPION MOBILE GLOBAL LTD, Ridge View, Wellgreen Lane, Kingston-Upon-Lewes, United Kingdom ~72: KHAN, Saad Saleem;OMAR, Muhammad;RAW, Brendon;ROBINSON, Justyna;USMAN, Muhammad;ZAINAB, Chaudhry~

2024/08542 ~ Complete ~54:ANTI-TNFR2 ANTIBODIES AND METHODS OF USE THEREOF ~71:PFIZER INC., 66 Hudson Boulevard East, New York, United States of America ~72: ASHWORTH, Todd Douglas;LIU, Yue;MARZE, Nicholas Andrew;MCMANUS, Virginie~ 33:US ~31:63/365,371 ~32:26/05/2022;33:US
~31:63/499,860 ~32:03/05/2023

2024/08555 ~ Complete ~54:THERAPEUTIC LIPID PROCESSING COMPOSITIONS AND METHODS FOR TREATING AGE-RELATED MACULAR DEGENERATION ~71:CHARACTER BIOSCIENCES, INC., 155 Second Street, Jersey City, New Jersey, 07302, United States of America ~72: ERIK KARRER;JONATHAN GUMUCIO;MARCEL VAN DER BRUG;NICHOLAS CHURCH~ 33:US ~31:63/341,990 ~32:13/05/2022

2024/08512 ~ Provisional ~54:COMPACT 2 IN 1 VALVE ~71:Comec Industries PTY LTD, 87 Third Street, South Africa;Paolo Moretti, 87 Third Street, South Africa ~72: Paolo Moretti~

2024/08518 ~ Complete ~54:A CHAIR EQUIPPED WITH A PENDULUM MECHANISM ~71:LACUNA LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG OTRADNOYE, PROYEZD VYSOKOVOLJNIY, D. 21 STR. 5, Moscow, 127566, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129113 ~32:30/09/2024

2024/08524 ~ Complete ~54:ACOUSTIC DEVICE PLACED ON A VERTICAL SURFACE AND CONTROLLED BY MEANS OF A BRACKET ~71:SMARTPOINT LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG MARYINO, B-R PERERVINSKIY, D. 27 K. 1 , POMESHCH. 10N, Moscow, 109469, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129100 ~32:30/09/2024

2024/08525 ~ Complete ~54:METHOD FOR CONTROL OF AN IMAGE OUTPUT DEVICE PLACED ON A VERTICAL SURFACE ~71:SMARTPOINT LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG MARYINO, B-R PERERVINSKIY, D. 27 K. 1 , POMESHCH. 10N, Moscow, 109469, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129108 ~32:30/09/2024

2024/08527 ~ Complete ~54:A SUPPORT ARRANGEMENT ~71:NELL, Johannes, 471 QUEENS CRESCENT, LYNNWOOD, PRETORIA, 0081, South Africa ~72: NELL, Johannes~ 33:ZA ~31:2023/07835 ~32:11/08/2023

2024/08530 ~ Complete ~54:A MODULATOR ~71:CHAMPION MOBILE GLOBAL LTD, Ridge View, Wellgreen Lane, Kingston-Upon-Lewes, United Kingdom ~72: KHAN, Saad Saleem;OMAR, Muhammad;RAW, Brendon;ROBINSON, Justyna;USMAN, Muhammad;ZAINAB, Chaudhry~

2024/08532 ~ Complete ~54:A MODULATOR ~71:CHAMPION MOBILE GLOBAL LTD, Ridge View, Wellgreen Lane, Kingston-Upon-Lewes, United Kingdom ~72: KHAN, Saad Saleem;OMAR, Muhammad;RAW, Brendon;ROBINSON, Justyna;USMAN, Muhammad;ZAINAB, Chaudhry~

2024/08551 ~ Complete ~54:A METHOD OF MANUFACTURING MOLTEN PIG IRON INTO AN ELECTRICAL SMELTING UNIT ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Jean-Christophe HUBER;Mathieu SANCHEZ;Simon Pierre DEPLECHIN~ 33:IB ~31:PCT/IB2022/057045 ~32:29/07/2022

2024/08553 ~ Complete ~54:CONVEYOR ALIGNMENT MECHANISM ~71:TRU-TRAC ROLLERS (PTY) LTD., 590 Barolong Street, Icon Industrial Park, Sunderland Ridge, Centurion, 0157, South Africa ~72: HENDRIK STEPHANUS PRETORIUS~ 33:AU ~31:2022900965 ~32:11/04/2022

2024/08559 ~ Complete ~54:FILM AND FILM PASTING ASSEMBLY ~71:DONGGUAN PINEAPPLE PROTECTION CO., LTD., No. 3, South 6th Street, Xiangmang West Road, Fugang Village, Qingxi Town, Dongguan, Guangdong, 523000, People's Republic of China ~72: Shengjie ZHOU~ 33:CN ~31:202221161313.1 ~32:13/05/2022;33:CN ~31:202221177877.4 ~32:16/05/2022;33:CN ~31:202221551563.6 ~32:20/06/2022;33:CN ~31:202221697145.8 ~32:01/07/2022;33:CN ~31:202221697522.8 ~32:01/07/2022

2024/08543 ~ Complete ~54:A METHOD OF MANUFACTURING MOLTEN PIG IRON INTO AN ELECTRICAL SMELTING UNIT ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Jean-Christophe HUBER;Mathieu SANCHEZ;Simon Pierre DEPLECHIN~

2024/08546 ~ Complete ~54:AN APPARATUS FOR STRETCHING A MESH FOR SCREEN PRINTING ~71:TERE, SANDESH VINAYAK, B-506, Palms Residency, Suncity, Vasai West,, India ~72: TERE, SANDESH VINAYAK~ 33:IN ~31:202221021923 ~32:12/04/2022

2024/08516 ~ Complete ~54:DEVICE FOR ACTUATING A PENDULUM MECHANISM ~71:LACUNA LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG OTRADNOYE, PROYEZD VYSOKOVOLTNIY, D. 21 STR. 5, Moscow, 127566, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129109 ~32:30/09/2024

2024/08509 ~ Provisional ~54:LOW-COST, PORTABLE & LOW-MAINTENANCE WATER MEASUREMENT SOLUTION FOR HOSTILE ENVIRONMENTS. ~71:Mine Clever (Pty) Ltd, 77 Tijger Vallei Office Park, 13 Pony street, South Africa ~72: EH MATHEWS~

2024/08519 ~ Complete ~54:A SET COMPRISING A DEVICE FOR ACTUATING THE PENDULUM MECHANISM AND AN EXTERNAL CONTROL DEVICE ~71:LACUNA LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG OTRADNOYE, PROYEZD VYSOKOVOLTNIY, D. 21 STR. 5, Moscow, 127566, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129119 ~32:30/09/2024

2024/08528 ~ Complete ~54:AUXILIARY DEVICE FOR COLORECTAL SURGERY ~71:Cancer Hospital Chinese Academy of Medical Sciences, No. 17, Panjiayuan South Lane, Chaoyang District, Beijing, People's Republic of China ~72: ZHAO Liming;ZHENG Zhaoxu~

2024/08537 ~ Complete ~54:TESTING DEVICE FOR RADIAL FRACTURE SEEPAGE AND NEW METHOD FOR FIXING NON-STANDARD ROCK SAMPLES ~71:Chongqing University, No. 174 Shazheng Street, Shapingba District, Chongqing 400044, People's Republic of China ~72: CUI, Yuhuai;DENG, Qinglin;LI, Zhongtan;PU, Houhan;REN, Xiyuan;SHANGGUAN, Jianming;YAO, Zhi~

2024/08541 ~ Complete ~54:A HYDROPONIC DEVICE THAT CAN BE RAISED AND LOWERED AND SUPPORTS NON-DESTRUCTIVE FETCHING OF SEEDLINGS ~71:SHANDONG INSTITUTE OF POMOLOGY, No. 66, Longtan Road, Taishan District, Tai'an City, People's Republic of China ~72: TAN, Yue;WANG, Dan;WEI, Hairong;XU, Li;ZENG, Peiyuan;ZHU, Min~ 33:CN ~31:202420295133.5 ~32:18/02/2024

2024/08544 ~ Complete ~54:ADJUSTING METHOD AND SYSTEM SUITABLE FOR TRACTION POWER SUPPLY NETWORK ~71:ZHUZHOU CRRC TIMES ELECTRIC CO., LTD., No. 169 Shidai Road, Shifeng District, People's Republic of China ~72: CHEN, Xiang;CHEN, Zhibo;LI, Ziran;LU, Jiao;RAO, Yiwei;ZHANG, Yi~ 33:CN ~31:202210658929.8 ~32:09/06/2022

2024/08513 ~ Provisional ~54:PLANT CARE SPRAY APPLICATOR ~71:FINFOR (PTY) LTD, LOT NO. 8 R102, South Africa ~72: Chrisleen Naidoo;Mansell Pernel Matthew~

2024/08552 ~ Complete ~54:ANTIBIOTIC COMBINATION THERAPIES ~71:BioVersys AG, Hochbergerstrasse 60c, c/o Technologiepark, BASEL CH-4057, SWITZERLAND, Switzerland ~72: DALE, Glenn E.;GITZINGER, Marc;LOCIURO, Sergio;TREBOSC, Vincent~ 33:US ~31:63/342,217 ~32:16/05/2022

2024/08558 ~ Complete ~54:BATCH FOR THE PRODUCTION OF A CARBON BONDED PRODUCT AND PROCESS FOR THE PRODUCTION OF A CARBON BONDED BRICK ~71:REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, Wienerbergstrasse 11, 1100, Vienna, Austria ~72: HARTWIG KUNANZ;LAURA RECHBERGER;RAINER NEUBÖCK~ 33:EP ~31:22179836.6 ~32:20/06/2022

2024/08539 ~ Complete ~54:INFRARED CAMERA DEVICE FOR MONITORING WETLAND BIRD BEHAVIOR ~71:Huainan Normal University, Tianjia'an District, Huainan City, Anhui Province, 232038, People's Republic of China ~72: Cheng Lei;Fan Shaojun;Zhao Jiaoyang~ 33:CN ~31:202411500172.5 ~32:25/10/2024

2024/08545 ~ Complete ~54:METHODS AND COMPOSITIONS FOR TREATING OBESITY, OBESITY-RELATED DISEASES, FATTY LIVER AND FATTY LIVER ASSOCIATED DISEASES WITH ANTI-CD24 AGENTS ~71:THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, Office of the General Counsel, Building 170, 3rd Floor, United States of America ~72: GLENN, Jeffrey S.;NO, Da Yoon;PHAM, Edward A.;YEE, Matthew F.~ 33:US ~31:63/344,410 ~32:20/05/2022

2024/08547 ~ Complete ~54:COMPOUNDS AND USES THEREOF ~71:Foghorn Therapeutics Inc., 500 Technology Square, Suite 700, CAMBRIDGE 02139, MA, USA, United States of America ~72: CALDWELL, Richard;HUANG, David S.;NEGRETTI, Solymar;SCHILLER, Shawn E.R.;UCISIK, Melek Nihan;WILSON, Kevin J.~ 33:US ~31:63/340,927 ~32:11/05/2022

2024/08549 ~ Complete ~54:MEDICINE COMPOSITION FOR IMPROVING QUALITY OF BULL SEMEN AND PREPARATION METHOD THEREOF ~71:Gansu Agricultural University, No.1 Yingmen Village, Anning District, Lanzhou City, Gansu Province, People's Republic of China ~72: HU Junjie;HUA Yongli;JI Peng;MA Qiang;WEI Yanming~

2024/08554 ~ Complete ~54:COMPOSITIONS, DEVICES, SYSTEMS AND METHODS RELATING TO VACCINATION AND STERILE PROTECTION AGAINST MALARIA ~71:MALARVX, INC., 1551 Eastlake Avenue East, Suite 100, Seattle, Washington, 98102, United States of America ~72: MARION AVRIL;ZACHARY WARD MACMILLEN~ 33:US ~31:63/333,878 ~32:22/04/2022

- APPLIED ON 2024/11/12 -

2024/08570 ~ Complete ~54:INTELLIGENT CITY RENEWAL DESIGN SYSTEM AND METHOD ~71:Jiangsu Vocational Institute of Architectural Technology, No. 26, Xueyuan Road, Quanshan District, Xuzhou City, Jiangsu Province, 221116, People's Republic of China ~72: Deping JIANG;Dong WANG;Guohua TIAN;Xiang JI~ 33:CN ~31:202411388461.0 ~32:30/09/2024

2024/08576 ~ Complete ~54:GPP SEAL SYSTEM MAINTENANCE, REPLACEMENT AND SEISMIC ISOLATION ~71:GRAVITY POWER LLC, 945 Ward Drive, Spc 28, Santa Barbara, California, 93111, United States of America ~72: ORLO JAMES FISKE~ 33:US ~31:63/184,066 ~32:04/05/2021

2024/08589 ~ Complete ~54:SWING HANDLE ARRANGEMENT WITH A LOCKING FUNCTION ~71:ABLOY OY, Wahlforssinkatu 20, Finland ~72: HASSINEN, Tommi;HEISKANEN, Ville;RAATIKAINEN, Juha;RYHÄNEN, Mika~ 33:FI ~31:20225451 ~32:23/05/2022

2024/08594 ~ Complete ~54:NUCLEIC ACID HAVING PROMOTER ACTIVITY AND USE THEREOF ~71:JOINT STOCK COMPANY "BIOCAD", vn. ter. g. poselok Strelna, ul. Svyazi, d. 38, str. 1, pomeshch. 89, Russian Federation ~72: GERSHOVICH, Pavel Mikhailovich;IAKOVLEV, Pavel Andreevich;MOROZOV, Dmitry Valentinovich;PEREPELKINA, Mariya Pavlovna;STRELKOVA, Anna Nikolaevna;TYSHCHUK, Konstantin Ilich;VLASOVA, Elena Veniaminovna~ 33:RU ~31:2022115853 ~32:10/06/2022

2024/08602 ~ Complete ~54:SUBBLOCK CODING INFERENCE IN VIDEO CODING ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, Dongguan, Guangdong 523860, People's Republic of China ~72: JONATHAN GAN;YUE YU~ 33:US ~31:63/363,804 ~32:28/04/2022;33:US ~31:63/364,713 ~32:13/05/2022

2024/08568 ~ Complete ~54:SEED ORIENTATION SYSTEM FOR AGRICULTURAL PLANTERS ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: DILLE, Mitchell, R.;STRANG, Keith, T.~ 33:US ~31:62/845,093 ~32:08/05/2019;33:US ~31:62/885,965 ~32:13/08/2019

2024/08571 ~ Complete ~54:TEST DEVICE AND METHOD FOR MEASURING WATER VAPOR MIGRATION IN UNSATURATED SOIL ~71:Shihezi University, No.221 Beisi Road, Shihezi City, Xinjiang Uygur Autonomous Region, 832003, People's Republic of China ~72: Guang YANG;Jianlin ZHU;Meixue ZHANG;Pengrui FENG;Qinglin LI;Shuailong YU;Wenjuan CHEN;Xiaofei YANG;Xuanbing LUO;Yucong YIN~

2024/08590 ~ Complete ~54:ISOLATED NUCLEIC ACID THAT ENCODES FUSION PROTEIN BASED ON FVIII-BDD AND ON HETEROLOGOUS SIGNAL PEPTIDE ~71:JOINT STOCK COMPANY "BIOCAD", vn. ter. g. poselok Strelna, ul. Svyazi, d. 38, str. 1, pomesch. 89, Russian Federation ~72: FOMINA, Anastasiia Vladimirovna;GERSHOVICH, Pavel Mikhailovich;MARKOVA, Vitaliia Aleksandrovna;MOROZOV, Dmitry Valentinovich;PEREPELKINA, Mariya Pavlovna;VLASOVA, Elena Veniaminovna~ 33:RU ~31:2022111695 ~32:28/04/2022

2024/08566 ~ Complete ~54:SCRATCHING POST PLACED ON A VERTICAL SURFACE WITH A MAGNETIC ELEMENT FOR USE WITH A BRACKET ~71:MOSALOVA Tatiana Nikolaevna, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024128068 ~32:23/09/2024

2024/08575 ~ Complete ~54:CHINESE MEDICINAL COMPOSITION FOR PROMOTING BLOOD CIRCULATION AND REMOVING BLOOD STASIS AND APPLICATION IN INTERVENING IN ATHEROSCLEROSIS THEREOF ~71:Qingdao Hospital of Traditional Chinese Medicine (Qingdao Haici Hospital, Qingdao Institute of Rehabilitation Medicine), No. 4, Renmin Road, Shibei District, Qingdao City, Shandong Province, 266499, People's Republic of China ~72: JIANG, Ting~

2024/08578 ~ Complete ~54:METHOD AND APPLICATION FOR PREPARING FILM FROM WASTE TEXTILES ~71:TIANJIN ZHONGDAO TECHNOLOGY CO., LTD., ROOM 1201-2079, 12TH FLOOR (YIZHONGBAO INDUSTRIAL PARK), CHENJING BUILDING, HEDONG DISTRICT, People's Republic of China ~72: Aoyun JIA;Congcong YOU;Guanglei HE;Junjiang XIAO;Kun DING;Yanhui LI~

2024/08579 ~ Complete ~54:METHOD FOR PREPARING BIOMASS FIBRE BASED ON WASTE COTTON TEXTILES AND APPLICATION ~71:LAI AOKENI (BEIJING) TECHNOLOGY DEVELOPMENT CO., LTD., 19A03, 19TH FLOOR, NO.4 FUFENG ROAD, FENGTAI DISTRICT, People's Republic of China ~72: Aoyun JIA;Congcong YOU;Guanglei HE;Junjiang XIAO;Kun DING;Yanhui LI~

2024/08593 ~ Complete ~54:MONOCLONAL ANTIBODY OR ANTIGEN-BINDING FRAGMENT THEREOF THAT SPECIFICALLY BINDS TO BCMA, AND USE THEREOF ~71:JOINT STOCK COMPANY "BIOCAD", vn. ter. g. poselok Strelna, ul. Svyazi, d. 38, str. 1, pomesch. 89, Russian Federation ~72: BELIASNIKOVA, Alina Valerevna;FILINA, Valentina Yurevna;IVANOVA, Anastasiya Andreevna;KYTMANOVA, Olga Leonidovna;MOROZOV, Dmitry Valentinovich;SAVINOVA, Alina Sergeevna~ 33:RU ~31:2022115671 ~32:09/06/2022

2024/08599 ~ Complete ~54:A HARD SURFACE CLEANING COMPOSITION ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: JIJI PAUL KOTTUKAPALLY;MAHESHWARA SHIVA NAIK~ 33:EP ~31:22177986.1 ~32:09/06/2022

2024/08603 ~ Complete ~54:VIDEO ENCODING AND DECODING METHOD, ENCODER, DECODER AND STORAGE MEDIUM ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, Dongguan, Guangdong 523860, People's Republic of China ~72: FUZHENG YANG;JUNYAN HUO;MING LI;WENHAN QIAO;YANZHUO MA~

2024/08573 ~ Complete ~54:PORTABLE ENERGY EFFICIENCY DETECTION AND ANALYSIS SYSTEM FOR REFRIGERATION MACHINE ROOM ~71:China State Construction Third Engineering Bureau Second

Construction Engineering Co., Ltd., 17/F, Tongda Plaza, No. 111 Culture Avenue, Jiangxia District, Wuhan City, Hubei Province, 430000, People's Republic of China; China State Construction Third Engineering Bureau Second Construction and Installation Co., Ltd., 5/F, No.1 Office Building, Guanshan 1st Road, Wuhan East Lake New Technology Development Zone, Wuhan City, Hubei Province, 430223, People's Republic of China ~72: DENG Yahong; JIAO Shuangfeng; MOU Xuan; PAN Guoqing; WU Xuezhi; YANG Rui; YAO Wei; ZHANG Qinglin; ZHAO Xiao~ 33:CN ~31:202410424188.6 ~32:10/04/2024

2024/08582 ~ Complete ~54:METHOD FOR PREPARING BIOMASS FIBRES BASED ON WASTE COTTON TEXTILES ~71:LAI AOKENI (BEIJING) TECHNOLOGY DEVELOPMENT CO., LTD., 19A03, 19TH FLOOR, NO.4 FUFENG ROAD, FENGTAI DISTRICT, People's Republic of China ~72: DING, Kun; HE, Guanglei; HE, Ting; LI, Yanhui; XIAO, Junjiang; YOU, Congcong; ZHANG, Yikang~

2024/08587 ~ Complete ~54:SACCHAROMYCES CEREVISIAE YEAST AND USE THEREOF FOR IMPROVING THE INTESTINAL HEALTH OF PETS ~71:LESAFFRE ET COMPAGNIE, 41, rue Etienne Marcel, France ~72: ADIB LESAUX, Achraf; RABOT, Rodolphe; SAMPSONIS, Cécile~ 33:FR ~31:FR2203569 ~32:15/04/2022

2024/08592 ~ Complete ~54:STRAIN MEASURING SENSOR DEVICES FOR EARTH MOVING MACHINES ~71:METALOGENIA RESEARCH & TECHNOLOGIES S.L., C/Avila no. 45, 08005, Barcelona, Spain ~72: FERRÁNDIZ BORRAS, Vicent; GIMENO TORDERA, Albert~ 33:EP ~31:22382417.8 ~32:29/04/2022

2024/08597 ~ Complete ~54:A FASTENING ASSEMBLY FOR USE IN A CARRIER SUCH AS A PICK-UP/TRUCK BED AND A METHOD FOR DETACHABLY FASTENING AN OBJECT TO A CARRIER SUCH AS A PICK-UP/TRUCK BED ~71:PEAK POLAR HOLDING AS, Borgeskogsvingen 13C, 3160, STOKKE, Norway ~72: ØYSTEIN GUNNENG~ 33:NO ~31:20220494 ~32:29/04/2022

2024/08598 ~ Complete ~54:LIQUID AQUEOUS DISHWASHING DETERGENT COMPOSITIONS ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: ALEXANDRE FRANÇOIS BOUX DE CASSON; LETITIA DOLLAMORE; MARCO ANTONIO DISTASO; ROBERT JOHN CARSWELL; SUKRITI SINGH~ 33:EP ~31:22177985.3 ~32:09/06/2022

2024/08600 ~ Complete ~54:CRYSTALLINE FORMS OF PICOLINAMIDE FUNGICIDE COMPOUND ~71:CORTEVA AGRISCIENCE LLC, 9330 Zionsville Road, Indianapolis, Indiana, 46268, United States of America ~72: ADRIANE MILLER; CAROLINE LONG; MARK P MUEHLFELD; NICOLA WEBB; XIAOWEN ZHAO~ 33:US ~31:63/365,532 ~32:31/05/2022

2024/08601 ~ Complete ~54:NON-FUNGIBLE TOKEN (NFT) GENERATION FOR SECURE APPLICATIONS ~71:KEYCHAINX AG, Gubbelstraße 11, c/o Sielva Management AG, 6300, Zug, Switzerland ~72: BARTLOMIEJ ROBERT RHODIN~ 33:US ~31:17/827,386 ~32:27/05/2022

2024/08567 ~ Complete ~54:A SET CONTAINING A VERTICALLY PLACED SCRATCHING POST AND A BRACKET FOR IT ~71:MOSALOVA Tatiana Nikolaevna, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024128070 ~32:23/09/2024

2024/08581 ~ Complete ~54:PREPARATION PROCESS AND APPLICATION OF REGENERATED CELLULOSE FILM BASED ON NMMO METHOD ~71:LAI AOKENI (BEIJING) TECHNOLOGY DEVELOPMENT CO., LTD., 19A03, 19TH FLOOR, NO.4 FUFENG ROAD, FENGTAI DISTRICT, People's Republic of China ~72: HE, Guanglei; HE, Ting; LI, Yanhui; XIAO, Junjiang; YOU, Congcong; ZHANG, Yifei; ZHANG, Yikang~

2024/08584 ~ Complete ~54:B7-H4-TARGETED ANTIBODY-DRUG CONJUGATES FOR THE TREATMENT OF CANCER ~71:MERSANA THERAPEUTICS, INC., 840 Memorial Drive, Cambridge, United States of America

~72: IM, Ellie E.;KEIRSTEAD, Natalie D.~ 33:US ~31:63/342,657 ~32:17/05/2022;33:US ~31:63/377,437
~32:28/09/2022

2024/08588 ~ Complete ~54:A HAIR CARE APPARATUS ~71:MABELANE, Tihologelo, 20 Wilshire Street,
Winthrop, United States of America ~72: MABELANE, Tihologelo~ 33:ZA ~31:2022/07740 ~32:11/07/2022

2024/08569 ~ Complete ~54:SECURITY FENCE PANEL ~71:COCHRANE STEEL PRODUCTS (PTY) LIMITED,
125 Fitter Road, Spartan, South Africa ~72: BROWN, Peter~

2024/08572 ~ Complete ~54:ICE COIL TRACK TYPE STACKING CONSTRUCTION METHOD FOR LARGE ICE
STORAGE TANK ~71:China State Construction Third Engineering Bureau Second Construction and Installation
Co., Ltd., 5/F, No.1 Office Building, Guanshan 1st Road, Wuhan East Lake New Technology Development Zone,
Wuhan City, Hubei Province, 430223, People's Republic of China ~72: CAI Chunliang;HE Xiao;MING Jie;REN
Zhen;ZHANG Feng~ 33:CN ~31:202410219609.1 ~32:28/02/2024

2024/08577 ~ Complete ~54:GPP SEAL SYSTEM MAINTENANCE, REPLACEMENT AND SEISMIC ISOLATION
~71:GRAVITY POWER LLC, 945 Ward Drive, Spc 28, Santa Barbara, California, 93111, United States of America
~72: ORLO JAMES FISKE~ 33:US ~31:63/184,066 ~32:04/05/2021

2024/08580 ~ Complete ~54:METHOD FOR RESTORING DEGRADED WETLAND AT TAIL OF RESERVOIR
BASED ON PHRAGMITES AUSTRALIS VEGETATION ~71:JIANGXI ACADEMY OF FORESTRY, NO. 1629,
FENGLIN WEST STREET, CHANGBEI ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE,
NANCHANG CITY, People's Republic of China ~72: MIAO, Lujun;REN, Qiong;SUN, Zhiyong;WAN, Fang;YUAN,
Jihong;ZHOU, Liyin~

2024/08583 ~ Complete ~54:PTPN2 INHIBITORS ~71:NESS THERAPEUTICS, INC., 12730 High Bluff Drive,
Suite 100, United States of America ~72: ABAGYAN, Ruben;IVACHTCHENKO, Alexandre Vasilievich;KYSIL,
Volodymyr;PARCHINSKY, Vladislav Zenonovich;PUSHECHNIKOV, Alexei;SAVCHUK, Nikolay~ 33:US
~31:63/341,908 ~32:13/05/2022

2024/08596 ~ Complete ~54:FLASH JOULE HEATING FOR PRODUCTION OF 1D CARBON AND/OR BORON
NITRIDE NANOMATERIALS ~71:William Marsh Rice University, 6100 Main Street, HOUSTON 77005, TX, USA,
United States of America ~72: CHEN, Jinhang;CHEN, Weiyin;EDDY, Lucas;LI, John Tianci;SCOTLAND,
Phelecia;TOUR, James M.;WYSS, Kevin~ 33:US ~31:63/341,934 ~32:13/05/2022

2024/08565 ~ Provisional ~54:SYSTEM FOR GENERATING AND SENDING EDUCATIONAL MUSIC AND
COMPUTER-IMPLEMENTED METHOD OF GENERATING AND SENDING EDUCATIONAL MUSIC ~71:Jason
Ian Viviers, 356 Riverglades Estate, 67 Juweel Street, Jukskei Park, South Africa ~72: Jason Ian Viviers~

2024/08574 ~ Complete ~54:LIGHTING DEVICE PLACED ON A VERTICAL SURFACE AND CONTROLLED BY
MEANS OF A BRACKET ~71:SMARTPOINT LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY
OKRUG MARYINO, B-R PERERVINSKIY, D. 27 K. 1 , POMESHCH. 10N, Moscow, 109469, Russian Federation
~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129101
~32:30/09/2024

2024/08585 ~ Complete ~54:CYCLIC QUATERNARY AMMONIUM SALT COMPOUND, AND PREPARATION
METHOD THEREFOR AND USE THEREOF ~71:YICHANG HUMANWELL PHARMACEUTICAL CO., LTD.,
No.19, Dalian Road, Yichang Development Zone, People's Republic of China ~72: LI, Lie;LIANG, Dali;LIAO,
Zongquan;LIU, Rong;LIU, Zewen;LV, Jinliang;TIAN, Luanyuan;XIAO, Xiaoli;ZHOU, Hao;ZHOU, Xiujie~ 33:CN
~31:202210551906.7 ~32:18/05/2022

2024/08586 ~ Complete ~54:SALINE-ALKALI LAND IMPROVEMENT APPARATUS ~71:Territorial Improvement Center, Ministry of Natural Resources, No.37, Guanyingyuan West District, Xicheng District, Beijing, 100035, People's Republic of China ~72: CHEN, Kun;GENG, Guanjie;JU, Zhengshan~ 33:CN ~31:202210389639.8 ~32:14/04/2022

2024/08591 ~ Complete ~54:CODON-OPTIMIZED NUCLEIC ACID ENCODING THE FVIII-BDD ~71:JOINT STOCK COMPANY "BIOCAD", vn. ter. g. poselok Strelna, ul. Svyazi, d. 38, str. 1, pomeshch. 89, Russian Federation ~72: FOMINA, Anastasiia Vladimirovna;GERSHOVICH, Pavel Mikhailovich;IAKOVLEV, Pavel Andreevich;MOROZOV, Dmitry Valentinovich;PEREPELKINA, Mariya Pavlovna;SHUGAEVA, Tatiana Evgenievna;STRELKOVA, Anna Nikolaevna;VLASOVA, Elena Veniaminovna~ 33:RU ~31:2022111734 ~32:28/04/2022

2024/08595 ~ Complete ~54:OXOINDOLINYL AMIDE DERIVATIVES FOR INHIBITING NLRP3 AND USES THEREOF ~71:Ventus Therapeutics U.S., Inc., 100 Beaver Street, Suite 201, WALTHAM 02453, MA, USA, United States of America ~72: BEVERIDGE, Ramsay;BURCH, Jason;CIBLAT, Stéphane;CYR, Patrick;CÔTÉ, Alexandre;DORICH, Stéphane;ST-ONGE, Miguel~ 33:US ~31:63/341,614 ~32:13/05/2022

- APPLIED ON 2024/11/13 -

2024/08608 ~ Provisional ~54:V BAND PRO V2 ~71:Andrew Roland Angus Hogg, 30 MARINE DRIVE, South Africa ~72: Andrew Roland Angus Hogg~

2024/08615 ~ Complete ~54:DOPED REGENERATED WASTE LITHIUM IRON PHOSPHATE ANODE MATERIAL AND PREPARATION METHOD THEREOF ~71:Kunming University of Science and Technology, No. 68 Wenchang Road, 121 Street, Kunming City, Yunnan Province, People's Republic of China ~72: DONG Peng;LI Changjiang;LI Yuyun;MENG Qi;XING Yubo~

2024/08625 ~ Complete ~54:HIGH-LOAD AGRICULTURAL FORMULATIONS AND METHODS OF MAKING SAME ~71:BASF CORPORATION, 100 PARK AVENUE, FLORHAM PARK, NEW JERSEY 07932, USA, United States of America ~72: LE, Duy Minh;MATHEW, Philip M.~ 33:US ~31:63/332,041 ~32:18/04/2022

2024/08643 ~ Complete ~54:AROMATIC BORON-CONTAINING COMPOUNDS AND RELATED INSULIN ANALOGS ~71:Protomer Technologies Inc., Lilly Corporate Center, INDIANAPOLIS 46285, IN, USA, United States of America ~72: CHEN, Diao;LIANG, JingXin;MAHDAVI, Alborz;MALI, Sachitanand;SHAKER, Mirna Ekram Anwar;SPENCER, Ryan Kelly;STEELE, Jack Joseph~ 33:US ~31:63/364,893 ~32:18/05/2022

2024/08606 ~ Provisional ~54:AN ACCESSORY FOR A CABLE TIE ~71:VAN DEN BERG, Jan, Dirk, Johannes, 22 CYPRESS CRESCENT, JIM FOUCHEPARK, WELKOM, SOUTH AFRICA, South Africa ~72: VAN DEN BERG, Jan, Dirk, Johannes~

2024/08609 ~ Provisional ~54:STAY ON LUNA-2000 ~71:Stay On Power (Pty) Ltd, 57 Olympic Road, Blairgowrie, South Africa ~72: Neo Ntlatleng~

2024/08617 ~ Complete ~54:WATER TROUGH CLEANING DEVICE AND CLEANING METHOD THEREFOR ~71:CHONGQING ELECTRIC POWER COLLEGE, No. 9,Electricity Village 4, Huangjueping, Jiulongpo District, Chongqing, People's Republic of China ~72: Xianbing Xiang~

2024/08622 ~ Complete ~54:VEHICLE SPEED PREDICTION AND CONTINUOUS POSITIONING METHOD BASED ON VISION ~71:CHONGQING EXPRESSWAY GROUP CO., LTD., No. 66, Yinshan Road, Yubei District, People's Republic of China;CHONGQING TOP-TECH INFORMATION CO., LTD., 3-1, Building 1, No. 52, Xinnan Road, Longxi Street, Yubei District, People's Republic of China ~72: CHEN, Xingzhou;DU, Sheng;HUANG,

Dao;HUANG, Qin;LAI, Xin;LI, Linfeng;LI, Yangyang;LIU, Zhen;RAN, Xiaohua;WANG, Shisen;XIANG, Guanghua;YIN, Zelong~ 33:CN ~31:202410420870.8 ~32:09/04/2024

2024/08627 ~ Complete ~54:WATER-BASED MULTI-COMPONENT PAINT SYSTEM ~71:TEAM SEGNA S.R.L., Via dell'Artigianato, 22/24, I-26867 Somaglia, Lombardy, Italy ~72: CLAUDIO GIUSEPPE BIGNAMI~ 33:IT ~31:102022000010901 ~32:25/05/2022

2024/08629 ~ Complete ~54:REUSABLE WIDE-NECKED CONTAINER AND PACKAGING UNIT ~71:ALPLA WERKE ALWIN LEHNER GMBH & CO. KG, Allmendstrasse 81, 6971, Hard, Austria ~72: ROBERT SIEGL~ 33:CH ~31:CH000667/2022 ~32:01/06/2022

2024/08633 ~ Complete ~54:A METHOD OF MANUFACTURING MOLTEN PIG IRON INTO AN ELECTRICAL SMELTING FURNACE ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Eric Alain Gabriel HESS;Jean-Christophe HUBER;Mathieu SANCHEZ~

2024/08640 ~ Complete ~54:KEY ELEMENT, LOCK CYLINDER, LOCKING SYSTEM, AND METHOD ~71:dormakaba Schweiz AG, Mühlebühlstrasse 23, Kempten, WETZIKON CH 8623, SWITZERLAND, Switzerland ~72: GUGERLI, Benjamin;KORNHOFER, Markus;RAIMANN, Christian~ 33:CH ~31:000446/2022 ~32:14/04/2022

2024/08642 ~ Complete ~54:RNAI CONSTRUCTS FOR INHIBITING SCAP EXPRESSION AND METHODS OF USE THEREOF ~71:Amgen Inc., One Amgen Center Drive, THOUSAND OAKS 91320-1799, CA, USA, United States of America ~72: DAS, Amrita;HERBERICH, Bradley J.;HOMANN, Oliver;LIN, Daniel C.H.~ 33:US ~31:63/345,513 ~32:25/05/2022

2024/08605 ~ Provisional ~54:A SYSTEM AND METHOD FOR ADAPTIVE, REAL-TIME CONTENT PERSONALISATION USING MULTI-SIGNAL BIOFEEDBACK AND ADVANCED DISPLAY TECHNOLOGIES ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: Kabelo Diale~

2024/08612 ~ Complete ~54:A SET COMPRISING A SCRATCHING POST TO BE PLACED ON A VERTICAL SURFACE WITH A MAGNETIC ELEMENT AND A BRACKET FOR IT ~71:MOSALOVA Tatiana Nikolaevna, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024128071 ~32:23/09/2024

2024/08621 ~ Complete ~54:AN ENERGY EFFICIENT SMART BED ~71:PALE, Gift, 312 Donne Crescent,, South Africa ~72: CHIROMBO, Kenny;PALE, Gift~ 33:ZA ~31:2024/00971 ~32:30/01/2024

2024/08624 ~ Complete ~54:ILLUMINATION DEVICE FOR USE WITH A VIEWING OPTIC ~71:SHELTERED WINGS, INC. d/b/a VORTEX OPTICS, ONE VORTEX DRIVE, BARNEVELD, WI 53507, USA, United States of America ~72: BOLLIG, Garrison;CARLSON, Andy;CODY, Tom;HAMILTON, Sam;HAVENS, Calen;JAUCH, Keegan;KLEMM, Ian;LEWIS, Alexander;LOWRY, William;PALZKILL, Tony;RUE, Tim;SAUSEN, Zach;TAYLOR, Cory~ 33:US ~31:63/363,297 ~32:20/04/2022

2024/08631 ~ Complete ~54:A HARD SURFACE CLEANING COMPOSITION ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: IVANA TROMBETTA;LORENA GALLUZZI;LUCA PRETALI;SERENA PEZZIA~ 33:EP ~31:22178010.9 ~32:09/06/2022

2024/08634 ~ Complete ~54:PROGESTIN/TESTOSTERONE TRANSDERMAL GEL ~71:THE POPULATION COUNCIL, INC., One Dag Hammarskjöld Plaza, New York, New York, 10017, United States of America;THE UNITED STATES OF AMERICA, AS REP'D BY SECY., DEPT OF HEALTH AND HUMAN SERVICES, Office of Technology Transfer, National, Institutes of Health, 6701 Rockledge Dr, Ste 700 Msc 7788, Bethesda, Maryland,

20892-7788, United States of America ~72: BLITHE, Diana L.;LEE, Min S.;SITRUK-WARE, Regine~ 33:US
~31:63/339,563 ~32:09/05/2022

2024/08610 ~ Complete ~54:BRACKET WITH FERROMAGNETIC ELEMENT FOR A PRODUCT OR DEVICE
PLACED ON A VERTICAL SURFACE ~71:MOSALOVA Tatiana Nikolaevna, ul. Novoslobodskaya, d. 73/68, str.
5, kv. 207, Moscow, 127055, Russian Federation ~72: MOSALOVA Tatiana Nikolaevna~ 33:RU
~31:2024128065 ~32:23/09/2024

2024/08614 ~ Complete ~54:BRACKET FOR A PRODUCT OR DEVICE PLACED ON A VERTICAL SURFACE
~71:MOSALOVA Tatiana Nikolaevna, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian
Federation ~72: MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024128064 ~32:23/09/2024

2024/08620 ~ Complete ~54:MICROBIAL PREPARATION FOR PROMOTING ORYZA SATIVA ROOTING AS
WELL AS PREPARATION METHOD AND APPLICATION THEREOF ~71:Heilongjiang Green Food Science
Research Institute, No.2727, Chuangxin 1st Road, Songbei District, Harbin City, People's Republic of
China;Northeast Agricultural University, No.600 Changjiang Road, Xiangfang District, Harbin City, Heilongjiang
Province, People's Republic of China ~72: FENG, Xu;HE, Fumeng;HU, Xiaomei;LI, Fenglan;LI, Xiaozhong;LIU,
Dan;TIAN, Miao;WANG, Linlin;WANG, Xue;WANG, Yingnan;XU, Yongqing~

2024/08630 ~ Complete ~54:A HARD SURFACE CLEANING COMPOSITION ~71:UNILEVER GLOBAL IP
LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: IVANA TROMBETTA;LORENA
GALLUZZI;LUCA PRETALI;SERENA PEZZIA~ 33:EP ~31:22178009.1 ~32:09/06/2022

2024/08635 ~ Complete ~54:A METHOD FOR MANUFACTURING PIG IRON IN A PRODUCTION LINE
COMPRISING AN ELECTRICAL SMELTING FURNACE ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches,
Luxembourg ~72: Jean-Christophe HUBER;Mathieu SANCHEZ;Simon Pierre DEPLECHIN~

2024/08639 ~ Complete ~54:FUNCTIONALIZED BISAMINOTHIOL DERIVATIVES, COMPLEXES WITH THESE
BISAMINOTHIOL DERIVATIVES AND USE OF SAID COMPLEXES AS DIAGNOSTICS AND THERAPEUTICS
~71:ABX advanced biochemical compounds – Biomedizinische Forschungsreagenzien GmbH, Heinrich-Gläser-
Straße 10 - 14, RADEBERG 01454 , GERMANY, Germany;Helmholtz-Zentrum Dresden-Rossendorf e.V.,
Bautzner Landstraße 400, DRESDEN 01328, GERMANY, Germany ~72: FISCHER, Steffen;HOEPPING,
Alexander;JOSEPH, Desna;LANKAU, Hans-Joachim;LIS, Christian;LUDWIG, Friedrich-Alexander;MEYER,
Christoph;SCHULTZE, Christiane;SIHVER, Wiebke;ULLRICH, Martin~ 33:EP ~31:22174909.6 ~32:23/05/2022

2024/08607 ~ Provisional ~54:DIVORCE DNA ~71:NQOBILE NICHOLUS MIRACLES MABENA, 1631 ANGLO
GOLD AVENUE, South Africa ~72: NQOBILE NICHOLUS MIRACLES MABENA~ 33:ZA ~31:2023/10381
~32:08/11/2023

2024/08611 ~ Complete ~54:A SET COMPRISING A PRODUCT OR A DEVICE PLACED ON A VERTICAL
SURFACE WITH A BASE WITH MAGNETIC OR FERROMAGNETIC ELEMENT AND A BRACKET WITH
MAGNETIC OR FERROMAGNETIC ELEMENT FOR IT ~71:MOSALOVA Tatiana Nikolaevna, ul.
Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: MOSALOVA Tatiana
Nikolaevna~ 33:RU ~31:2024128075 ~32:23/09/2024

2024/08616 ~ Complete ~54:HOLLOW-CORE ANTI-RESONANT FIBER NARROWBAND POLARIZATION
FILTER ~71:Tangshan University, No. 11 Daxue West Road, Tangshan City, Hebei Province, 063000, People's
Republic of China ~72: HOU, Xihuan;MEN, Xinyu;REN, Limian;SHI, Huimin;WANG, Chao;WANG, Lixia;WU,
Junjun~

2024/08641 ~ Complete ~54:METHOD FOR CONTROLLING AN AMMONIA OR METHANOL CONVERTER ~71:Casale SA, Via Giulio Pocobelli 6, LUGANO 6900, SWITZERLAND, Switzerland ~72: GENOVA, Giovanni;PANZA, Sergio~ 33:EP ~31:22172957.7 ~32:12/05/2022

2024/08618 ~ Complete ~54:A NOVEL COMBINATION OF SALICYLIC ACID, MINERAL HYDROXIDES, AND CARBONIC ACID SALTS FOR SYSTEMIC ACQUIRED RESISTANCE AND DISEASE INHIBITION ~71:Botha, Martin, 18 Milkwood Crescent,, South Africa ~72: Botha, Martin~ 33:ZA ~31:2024/01386 ~32:15/02/2024

2024/08628 ~ Complete ~54:CAREBASTINE SALT AND USE OF SAME ~71:CHENGDU SHIBEIKANG BIOMEDICAL TECHNOLOGY CO., LTD., No. 1, 1st Floor, Unit 1, Building 26 No.2, Tianyu Road, High-tech Zone Chengdu, Sichuan 611731, People's Republic of China ~72: GUANGLIN ZHOU;HAIXIA FU;XIA MOU;YANQUN ZENG~ 33:CN ~31:202210486129.2 ~32:06/05/2022

2024/08636 ~ Complete ~54:VETERINARY VACCINES AND METHODS FOR THE TREATMENT OF PASTEURILLA MULTOCIDA INFECTIONS IN FOOD PRODUCTION ANIMALS ~71:ENGINEERED ANTIGENS INC., 4002 KOVITZ LANE NW, CALGARY, ALBERTA T3B 6H3, CANADA, Canada ~72: FEGAN, Jamie;FRANDOLOSO, Rafael;GRAY-OWEN, Scott;ISLAM, Eshita;MORAES, Trevor;SCHRYVERS, Anthony, Bernard~ 33:US ~31:63/332,966 ~32:20/04/2022

2024/08637 ~ Complete ~54:METHOD FOR MANUFACTURING PIG IRON IN A PRODUCTION LINE COMPRISING AN ELECTRICAL SMELTING FURNACE ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Jean-Christophe HUBER;Mathieu SANCHEZ;Simon Pierre DEPLECHIN~

2024/08646 ~ Provisional ~54:TWO FINGER ALERT APP ~71:Molefi Elvis Mokaba, 871 Ext 3 Hlalanekahle, Idlebelendlovu Street, South Africa ~72: Molefi Elvis Mokaba~

2024/08613 ~ Complete ~54:EXTERNAL CONTROL DEVICE FOR A DEVICE FOR ACTUATING A PENDULUM MECHANISM ~71:LACUNA LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG OTRADNOYE, PROYEZD VYSOKOVOLTIY, D. 21 STR. 5, Moscow, 127566, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129111 ~32:30/09/2024

2024/08619 ~ Complete ~54:A NEW URBANIZATION PUBLICITY AND DISPLAY BOARD ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Liyuan Qu;Xiaoming Li~

2024/08623 ~ Complete ~54:BATTERY SYSTEM CAPABLE OF HEAT DISSIPATION ~71:ANHUI ACCORD SCIENCE AND TECHNOLOGY CO., LTD., She County Circular Economy Park, Huangshan, Anhui, 245200, People's Republic of China ~72: HE, Humin;HOU, Shouwei;WANG, Yanghaoran;XIA, Mingming;XU, Liuxi~ 33:CN ~31:202211584627.7 ~32:10/12/2022

2024/08626 ~ Complete ~54:NOVEL CD200 FUSION PROTEINS ~71:DUCENTIS BIOTHERAPEUTICS LIMITED, Suite 2 First Floor, 10 Temple Back, United Kingdom ~72: ASHFIELD, Rebecca~ 33:GB ~31:2206673.2 ~32:06/05/2022

2024/08632 ~ Complete ~54:A METHOD FOR MANUFACTURING PIG IRON IN AN ELECTRICAL SMELTING FURNACE AND ASSOCIATED SMELTING FURNACE ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Jean-Christophe HUBER;Mathieu SANCHEZ~

2024/08638 ~ Complete ~54:TRANSFORAMINAL LUMBAR INTERBODY FUSION IMPLANT ~71:BECKER, Gert Stephanus, 1378b Breyer Avenue, Waverley, South Africa;EKSTEEN, Jacob Adriaan, 3 Ou Kraal Street, Paarl,

South Africa;VENTER, Shawn, 1667 Nouveau Street, River Farm, Val de Vie Estate, South Africa ~72: BECKER, Gert Stephanus;EKSTEEN, Jacob Adriaan;VENTER, Shawn~ 33:ZA ~31:2023/05711 ~32:29/05/2023

2024/08644 ~ Complete ~54:WASTE HEAT RECOVERY DEVICE FOR ENERGY-SAVING GAS BOILER
~71:LISHUI JINGZHE TECHNOLOGY CO., LTD, Office 310, Building 7, SGYP (2015) 12, Yanghao Block,
Dongcheng Industrial Park, Yunfeng Street, Suichang County, Lishui, People's Republic of China ~72: DING,
Junqiang;DING, Yi;DING, Yi;TU, Aixiang~

2024/08645 ~ Provisional ~54:VEEPO ~71:Mr Abongile Kabane, No 5 Station Road, Parklands Cape town, South
Africa ~72: Mr Abongile Kabane~

- APPLIED ON 2024/11/14 -

2024/08650 ~ Complete ~54:FERMENTED GANODERMA SHEEP MILK YOGURT AND PREPARATION
METHOD THEREOF ~71:Fuping County Inspection and Testing Center(Shaanxi Goat Milk Product Quality
Supervision and Inspection Center), Fuping County Inspection and Testing Center, East of Huancheng West
Road, Chengguan Street Office, Fuping County, Weinan City, Shaanxi Province, 711700, People's Republic of
China;NORTHWEST A&F UNIVERSITY, No. 3 Taicheng Road, Yangling Demonstration Zone, Xianyang City,
Shaanxi Province, 712100, People's Republic of China ~72: FU Shangchen;GAO Qinyi;GE Wupeng;HU
Qisheng;LIU Mengjia;SONG Yuxuan;WANG Shuangshuang;ZHANG Jing;ZHANG Yan~

2024/08656 ~ Complete ~54:A MATRIX-STYLE FULL-BODY RECLINING MASSAGER ~71:The Affiliated
Hospital to Changchun University of Chinese Medicine (Jilin Provincial Hospital of Traditional Chinese Medicine),
No. 1478, Gongnong Road, Chaoyang District, Changchun City, Jilin Province, 130021, People's Republic of
China ~72: Ailin Li;Dongze Wu;Jiangchun Zhang;Jiayue Xu;Li Dong;Mingjun Jiang;Na Zhang;Tingting
Pang;Yufeng Wang~

2024/08659 ~ Complete ~54:MASSAGE DEVICE WITH AN INTERMEDIATE ELEMENT WITH CONTROLLED
MOVABLE MASSAGE MODULE ~71:LIMITED LIABILITY COMPANY "SPEKTRIA", VN.TER.G.
MUNITSYPALNYJ OKRUG KHOVRINO, UL FLOTSKAYA, D. 7, POMESHCH. 681N, OFIS 1N, MOSCOW,
125581, Russian Federation ~72: MONAKU Vitalii Georgievich~ 33:RU ~31:2024129562 ~32:02/10/2024

2024/08664 ~ Complete ~54:METHOD FOR PRODUCING HIGH VALUE CHEMICALS FROM FEEDSTOCK
~71:NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO,
Anna van Buerenplein 1, Netherlands;SYNOVA RENEWABLE TECHNOLOGY B.V., Scheldeweg 10, Netherlands
~72: GROOTJES, Alexander Jacobus;VAN DER DRIFT, Abraham;VREUGDENHIL, Berend Joost;ZWART, Robin
Willem Rudolf~ 33:NL ~31:2031869 ~32:16/05/2022

2024/08648 ~ Complete ~54:METHOD FOR CONTROL OF AN ELECTRONIC DEVICE PLACED ON A
VERTICAL SURFACE ~71:SMARTPOINT LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY
OKRUG MARYINO, B-R PERERVINSKIY, D. 27 K. 1 , POMESHCH. 10N, Moscow, 109469, Russian Federation
~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129098
~32:30/09/2024

2024/08666 ~ Complete ~54:CYCLIN-DEPENDENT KINASE 2 INHIBITORS FOR MEDICAL TREATMENT
~71:INCYCLIX BIO, LLC, 600 Park Office Drive, Suite 355, Research Triangle Park, North Carolina 27709, United
States of America ~72: ALEC GIBSON TRUB;JAY COPELAND STRUM;JOHN E BISI~ 33:US ~31:63/353,729
~32:20/06/2022;33:US ~31:63/444,523 ~32:09/02/2023;33:US ~31:63/460,201 ~32:18/04/2023;33:US
~31:63/470,621 ~32:02/06/2023

2024/08668 ~ Complete ~54:INDAZOLE CONTAINING MACROCYCLES AND THEIR USE ~71:BLOSSOMHILL THERAPEUTICS, INC., 3525 John Hopkins Court, Suite 100 San Diego, California 92121, United States of America ~72: ANINDYA SARKAR;EUGENE YUANJIN RUI;EVAN W ROGERS;JANE UNG;JINGRONG JEAN CUI~ 33:US ~31:63/350,309 ~32:08/06/2022;33:US ~31:63/350,310 ~32:08/06/2022;33:US ~31:63/503,879 ~32:23/05/2023

2024/08676 ~ Complete ~54:CONTINUOUS FLOW METHODS FOR PRODUCING MANNOSE-1-PHOSPHATE, POLYMORPHS OF MANNOSE-1-PHOSPHATE, AND COMPOSITIONS AND USES RELATED THERETO ~71:Glycomine, Inc., 733 Industrial Road, SAN CARLOS 94070, CA, USA, United States of America ~72: HAN, Lili;HIRD, Geoffrey S.;HUANG, Ping;LIU, Pengjian;WANG, Xiaoyang;WHITTEN, Jeffrey P.;YANG, Hongwei;YU, Yongjie;ZHAO, Zhenbing;ZHU, Ruiheng~ 33:US ~31:63/343,447 ~32:18/05/2022

2024/08657 ~ Complete ~54:PROCESS FOR REMOVING SALTS FROM AN ALUMINIUM DROSS ~71:FINEXTECH (PTY) LTD, 30 Clivedon Court, 266 Main Road, South Africa ~72: FINCH, Dennis~

2024/08660 ~ Complete ~54:IMAGE OUTPUT DEVICE PLACED ON A VERTICAL SURFACE AND CONTROLLED BY MEANS OF A BRACKET ~71:SMARTPOINT LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG MARYINO, B-R PERERVINSKIY, D. 27 K. 1 , POMESHCH. 10N, Moscow, 109469, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129103 ~32:30/09/2024

2024/08661 ~ Complete ~54:GCN2 INHIBITOR ~71:IP2IPO INNOVATIONS LIMITED, 2nd Floor 3 Pancras Square, Kings Cross, United Kingdom ~72: FUCHTER, Matthew;WHITLOCK, Gavin~ 33:GB ~31:2206866.2 ~32:11/05/2022;33:GB ~31:2214801.9 ~32:07/10/2022

2024/08717 ~ Provisional ~54:LOW AMPERAGE HOB 4 PLATE SPIRAL + SOLID ~71:LEONARD PETERSEN FAMILY TRUST I/T 132/2004, 45 30TH AVE, ELSIES RIVER, South Africa ~72: LEONARD PETERSEN~

2024/08677 ~ Complete ~54:METHOD FOR PRODUCING 3,6-DISUBSTITUTED-IMIDAZO[1,2-B]PYRIDAZINE COMPOUNDS ~71:AnHeart Therapeutics (Hangzhou) Co., Ltd., Room 423, Building No. 1, Heda Pharma Town, No. 291 Fucheng Road, Xiasha, Qiantangxin District, HANGZHOU 310018, ZHEJIANG, CHINA (P.R.C.), People's Republic of China ~72: CHEN, Doug Dagang;GUO, Fei;REN, Zengrong;SHANG, Lijie;WANG, Huidong;ZHOU, Feng~

2024/08651 ~ Complete ~54:METHOD FOR CONTROL OF AN ACOUSTIC DEVICE PLACED ON A VERTICAL SURFACE ~71:SMARTPOINT LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG MARYINO, B-R PERERVINSKIY, D. 27 K. 1 , POMESHCH. 10N, Moscow, 109469, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129104 ~32:30/09/2024

2024/08663 ~ Complete ~54:ANTI-CD44V6 ANTIBODIES AND THEIR USE TO TREAT CD44V6 OVEREXPRESSING CANCERS ~71:AKIRAM THERAPEUTICS AB, c/o Marika Nestor, Ihres väg 38, Sweden ~72: HOFSTRÖM, Camilla;NESTOR, Marika;OHLIN, Mats;PERSSON LOTSHOLM, Helena;WALLE, Maria~ 33:SE ~31:2250618-2 ~32:25/05/2022

2024/08667 ~ Complete ~54:INSTALLATION FOR APPLYING A LINING COMPOSITION IN THE FORM OF DRY PARTICULATE MATERIAL TO FORM A WORKING LINING ONTO A PERMANENT REFRACTORY LAYER OF A TUNDISH ~71:VESUVIUS GROUP, S.A., rue de Douvrain 17, 7011, Ghlin, Belgium ~72: GEORGES STAMATAKIS~ 33:EP ~31:22177300.5 ~32:03/06/2022

2024/08674 ~ Complete ~54:COMPOSITIONS AND METHODS FOR THE TREATMENT OF BACTERIAL VAGINOSIS ~71:Aolis Investment AG., Baarerstrasse 112, ZUG 6300, SWITZERLAND, Switzerland;Wayne State University, 5057 Woodward, DETROIT 48202, MI, USA, United States of America ~72: EMBIL, Koral;SOBEL, Jack D.~ 33:US ~31:63/363,038 ~32:15/04/2022

2024/08678 ~ Complete ~54:METHOD OF MANUFACTURING A PLATINUM COMPLEX FOR PLATING ~71:Johnson Matthey Public Limited Company, 5th Floor, 25 Farringdon Street, LONDON EC4A 4AB, UNITED KINGDOM, United Kingdom ~72: BOARDMAN, Alan;KREIGER, David Ian James;POWELL, Nigel~ 33:US ~31:63/395,145 ~32:04/08/2022;33:GB ~31:2212504.1 ~32:30/08/2022

2024/08680 ~ Complete ~54:ROBOTIC TAPPING SYSTEM FOR ELECTRIC ARC FURNACE ~71:MOMEK TAPPINGMATE AS, Svabovveien 13, 8626, Mo i Rana, Norway ~72: JOHANSEN, Alexander;RISØY, Bjørn Audun~ 33:NO ~31:20220600 ~32:20/05/2022

2024/08649 ~ Complete ~54:BRACKET FOR AN ELECTRONIC DEVICE PLACED ON A VERTICAL SURFACE ~71:SMARTPOINT LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG MARYINO, B-R PERERVINSKIY, D. 27 K. 1 , POMESHCH. 10N, Moscow, 109469, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129097 ~32:30/09/2024

2024/08653 ~ Complete ~54:METHOD FOR CALCULATING THE THREE-DIMENSIONAL COORDINATES OF THE RAILS TO BE MEASURED ON THE LEFT AND RIGHT SIDES OF THE RAILWAY UNDER THE SAME MILEAGE BY UTILIZING THE THREE-DIMENSIONAL COORDINATES OF THE SHOULDER DEFORMATION MONITORING POINTS AT THE LEFT AND RIGHT ENDS OF THE ROADBED ~71:China Railway Xi'an Survey, Design and Research Institute Co. , Ltd, of CREC, 30 Youyi East Road, Xi'an, Shaanxi Province, 710054, People's Republic of China;Xi'an University of Architecture and Technology, No. 13, Middle Yanta Road, Beilin District, Xi'an, Shaanxi Province, 710055, People's Republic of China;Xi'an University of Technology, 5 Jinhua South Road, Xi'an, Shaanxi Province, 710048, People's Republic of China ~72: Chaoneng BAI;Guobing WANG;Hao LIU;Rongjian LI;Rongjin LI;Yaojiang LIU;Zhenrong Zhao;Zhu LIANG~

2024/08655 ~ Complete ~54:MACHINE LEARNING-BASED MEDICAL DEVICE DISINFECTION MONITORING SYSTEM ~71:WUXI CENTER FOR DISEASE CONTROL AND PREVENTION, No. 499, Jincheng Road, Liangxi, Wuxi, Jiangsu, 214000, People's Republic of China ~72: Weijie Zhou;Xiaofeng Chen;Xun Zhu;Yingqi You~

2024/08658 ~ Complete ~54:IOT DEVICE PLACED ON A VERTICAL SURFACE AND CONTROLLED BY MEANS OF A BRACKET ~71:SMARTPOINT LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG MARYINO, B-R PERERVINSKIY, D. 27 K. 1 , POMESHCH. 10N, Moscow, 109469, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129102 ~32:30/09/2024

2024/08662 ~ Complete ~54:A FLEXIBLE MIXED-PLASTIC POLYPROPYLENE BLEND (PP-FLEX) ~71:BOREALIS AG, Trabrennstrasse 6-8, Austria ~72: Andreas NAGL;Anthony BERTHELIER;Auli NUMMILA-PAKARINEN;Bernadette DUSCHER;Christian GOETZLOFF;Peter NIEDERSÜSS;Yi LIU~ 33:EP ~31:22170829.0 ~32:29/04/2022

2024/08665 ~ Complete ~54:COMBINATION THERAPIES FOR TREATING UROTHELIAL CARCINOMA ~71:ALX ONCOLOGY INC., 323 Allerton Avenue, South San Francisco, California, 94080, United States of America ~72: AMY SHAW-RU CHEN;ATHANASIOS TSIATIS;HAIYING LIU;JAUME PONS;MARIJA VRLJIC;MIN LI;SOPHIA RANDOLPH~ 33:US ~31:63/347,939 ~32:01/06/2022

2024/08672 ~ Complete ~54:TRACK WIDENER FOR INFLATING/DEFLATING TYRES OF A VEHICLE
~71:TELEFLOW SAS, ECO PARC D'ACTIVITÉS DE BONVERT, France ~72: PLANCHET, Enguerrand~ 33:FR
~31:2205460 ~32:07/06/2022

2024/08682 ~ Provisional ~54:VICE-GRID BATTERY ~71:Junior Chimboma Nkosi, 283 Block F4 New Eestrus,
South Africa ~72: Junior Chimboma Nkosi~

2024/08670 ~ Complete ~54:CRYSTALLINE FORMS OF A TYK2 INHIBITOR AND USES THEREOF
~71:ALUMIS INC., 280 East Grand Avenue South San Francisco, California 94080, United States of America
~72: KOLBOT BY;TRAVIS REMARCHUK~ 33:US ~31:63/341,528 ~32:13/05/2022;33:US ~31:63/405,577
~32:12/09/2022

2024/08673 ~ Complete ~54:A METHOD FOR MANUFACTURING PIG IRON IN AN ELECTRICAL SMELTING
FURNACE AND ASSOCIATED ELECTRICAL SMELTING FURNACE ~71:ARCELORMITTAL, 24-26 Boulevard
d'Avranches, Luxembourg ~72: Jean-Christophe HUBER;Mathieu SANCHEZ~

2024/08679 ~ Complete ~54:INFLATABLE DOWN HOLE BAG ~71:MTI GROUP PTY LTD, 37 Competition Way,
Australia ~72: BODLEY, Nicholas;FITZSIMONS, James Matthew Richard;SMITH, Jamie~ 33:AU
~31:2022901389 ~32:23/05/2022

2024/08681 ~ Provisional ~54:KTES OF ELECTRICAL MOTOR POWER STATION REPLACING STEAM
TURBINES AND FOSSIL FUEL (POWERED BY SOLAR,WIND TURBINE AND BATTERIES PLANT MOTOR
WITH FULL WAVE RECTIFIER DYNAMO SELF CHARGING SYSTEM TO REGENERATE ELECTRICITY
~71:Mr Clifford Themba Tshabalala, 3479 Modumo Street, Thokoza, Ekurhuleni City,, South Africa ~72: Mr
Clifford Themba Tshabalala~

2024/08647 ~ Provisional ~54:BOREHOLE AIR PUMP ~71:Adolph Hendrik Smit ERASMUS, 137 Visvanger
street, South Africa ~72: Adolph Hendrik Smit ERASMUS~

2024/08654 ~ Complete ~54:OXIDE SEMICONDUCTOR-BASED GAS DETECTION DEVICE ~71:SUZHOU
UNIVERSITY, Erpu Village, Zhuxianzhuang Town, Yongqiao District, Suzhou City, Anhui Province, 234111,
People's Republic of China ~72: LI Songzhou;QIN Wenbo;SHEN Shuhao;TANG Jiakang;WANG Mengyu;XU
Xu;ZHANG Zhiwei~

2024/08719 ~ Provisional ~54:CHILLER APPARATUS ~71:LEONARD PETERSEN FAMILY TRUST I/T
132/2004, 45 30TH AVE, ELSIES RIVER, South Africa ~72: LEONARD PETERSEN~

2024/08652 ~ Complete ~54:METHOD FOR CONTROL OF A LIGHTING DEVICE PLACED ON A VERTICAL
SURFACE ~71:SMARTPOINT LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG
MARYINO, B-R PERERVINSKIY, D. 27 K. 1 , POMESHCH. 10N, Moscow, 109469, Russian Federation ~72:
KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129105
~32:30/09/2024

2024/08720 ~ Provisional ~54:COOKING APPARATUS WATERLESS POTS ELECTRICAL POTS STAINLESS
STEEL POTS ~71:LEONARD PETERSEN FAMILY TRUST I/T 132/2004, 45 30TH AVE, ELSIES RIVER, South
Africa ~72: LEONARD PETERSEN~

2024/08669 ~ Complete ~54:ORAL DOSAGE FORM WITH IONICALLY CHARGEABLE HYDROGEL FOR
DELIVERY OF ACTIVE AGENT ~71:ENTREGA INC., 6 Tide Street Suite 400, Boston, Massachusetts 02110,
United States of America ~72: DANIEL BONNER;JACOB MATTHEW GRAHAM;JOHN JANTZ;S. RANDY
HOLMES-FARLEY~ 33:US ~31:63/337,246 ~32:02/05/2022;33:US ~31:63/394,107 ~32:01/08/2022

2024/08671 ~ Complete ~54:INFLATION METHOD FOR A VEHICLE PROVIDED WITH A CENTRALISED TYRE INFLATION SYSTEM ~71:TELEFLOW SAS, ECOPARC D'ACTIVITÉS DE BONVERT, France ~72: ONILLON, Vincent~ 33:FR ~31:2205459 ~32:07/06/2022

2024/08675 ~ Complete ~54:DRY FIRE PROTECTION SPRINKLER ASSEMBLIES AND SYSTEMS ~71:Minimax Viking Patent Management GmbH, Industriestrasse 10/12, BAD OLDESLOE 23840, GERMANY, Germany ~72: WATSON, Jason Thomas~ 33:US ~31:63/337,130 ~32:01/05/2022

2024/08718 ~ Provisional ~54:CORDLESS ELECTRICAL FRYING PAN ~71:LEONARD PETERSEN FAMILY TRUST I/T 132/2004, 45 30TH AVE, ELSIES RIVER, South Africa ~72: LEONARD PETERSEN~

- APPLIED ON 2024/11/15 -

2024/08694 ~ Complete ~54:A ROADWAY SUPPORT STRUCTURE AND ITS CONSTRUCTION METHOD ~71:Kunming University of Science and Technology, No. 68, Wenchang Road, Yi'eryi Avenue, Wuhua District, Kunming City, Yunnan Province, 650000, People's Republic of China ~72: Bingqing Ma;Chun Zhu;Guobao Li;Hanhua Xu;Hui Li;Jinhui Sun;Jun Wang;Mingda Yang;Wanbo Zheng;Wei Bi;Xiaobing Fu;Yanhui Guo;Zewen Zhang~

2024/08711 ~ Complete ~54:HOT-DIP GALVANIZED STEEL MATERIAL ~71:NIPPON STEEL CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, TOKYO 1008071, JAPAN, Japan ~72: MITSUNOBU , Takuya;TAKEBAYASHI , Hiroshi;TOKUDA , Kohei~ 33:JP ~31:2022-069530 ~32:20/04/2022

2024/08695 ~ Complete ~54:MICROORGANISM WITH KNOCK-IN AT ACETOLACTATE DECARBOXYLASE GENE LOCUS ~71:LANZATECH, INC., 8045 Lamon Avenue, Suite 400, Skokie, Illinois, 60077, United States of America ~72: CHING LEANG~ 33:US ~31:63/035,739 ~32:06/06/2020

2024/08698 ~ Complete ~54:PRECODING CONFIGURATION METHOD AND DEVICE, AND STORAGE MEDIUM ~71:ZTE CORPORATION, ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, People's Republic of China ~72: CHEN, Yijian;DOU, Jianwu;LI, Yong;WANG, Yuxin;YANG, Jun~ 33:CN ~31:202210655284.2 ~32:10/06/2022

2024/08691 ~ Complete ~54:FINANCIAL TRANSACTION SYSTEM ~71:MARUMO, Dineo Valentia, 1046 Motsumi Street, Orkney, South Africa ~72: MARUMO, Dineo Valentia;MARUMO, Kamogelo Khumo;MARUMO, Remoratile Reitumetse Keabetswe~ 33:ZA ~31:2023/06158 ~32:15/08/2023;33:ZA ~31:2023/09658 ~32:17/10/2023

2024/08706 ~ Complete ~54:DEUTERATED PYRIMIDIN-2-YL SULFONAMIDE DERIVATIVES ~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72: GALLEY, Guido;GOBBI, Luca Claudio;GUBA, Wolfgang;MAZUNIN, Dmitry;PINARD, Emmanuel~ 33:EP ~31:22192252.9 ~32:26/08/2022

2024/08689 ~ Complete ~54:A METHOD AND SYSTEM FOR AUTOMATED DETERMINATION OF THE OCCURRENCE OF AN ABNORMAL SOURCE OF CONCENTRATED RESISTANCE TO THE MOVEMENT OF A CONVEYOR BELT BY TENSION ~71:Aleksey Gennadevich Pridorozhnyi, ul. Bolshaya Filevskaya, d.3., kor.4, kv.235, Moscow, 121087, Russian Federation ~72: Pridorozhniy Aleksey Gennadevich~ 33:RU ~31:2024119958 ~32:16/07/2024

2024/08692 ~ Complete ~54:LARGE RIDGE TILLAGE METHOD FOR CORN PLANTING ~71:Xingfu Zhao, Public Village, Dayong Town, Hulan District, Harbin, Heilongjiang, People's Republic of China ~72: Qi Zhao;Xingfu Zhao~

2024/08697 ~ Complete ~54:PETROCHEMICAL HORIZONTAL PRESSURE VESSEL ~71:SHANDONG ZHONGJIE PRESSURE EQUIPMENT CO., LTD., No.2218 Ji'Nan Road, Development Zone, Heze, Shandong, 274000, People's Republic of China ~72: HAO, Yuguo;LI, Chuanjie;LIU, Zhangyan;YUAN, Qihe;ZHANG, Teng~ 33:CN ~31:202410976959.2 ~32:22/07/2024

2024/08693 ~ Complete ~54:A METHOD AND SYSTEM FOR AUTOMATED DETERMINATION OF AN ABNORMAL SOURCE OF CONCENTRATED RESISTANCE TO THE MOVEMENT OF A CONVEYOR BELT BY TEMPERATURE DISTRIBUTION ~71:Aleksey Gennadevich Pridorozhnyi, ul. Bolshaya Filevskaya, d.3, korp.4, kv.235, Moscow, 121087, Russian Federation ~72: Aleksey Gennadevich Pridorozhnyi~ 33:RU ~31:2024119657 ~32:12/07/2024

2024/08685 ~ Complete ~54:DEVICE FOR PRESSURE BANDAGING AFTER GREAT SAPHENOUS VEIN STRIPPING SURGERY ~71:SHOUGUANG HOSPITAL OF T.C.M, No. 3353, Shengcheng Street, Shouguang City, Weifang, Shandong, People's Republic of China ~72: Baoyong Lv;Jianquan Yu;Xiaoxiang Hou~

2024/08708 ~ Complete ~54:BICYCLIC TETRAHYDROTHIAZEPINE DERIVATIVES ~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72: BRANDSTAETTER, Marco;HUTTER, Roman;KUEHNE, Holger;LUEBBERS, Thomas;MANEVSKI, Nenad;MARTIN, Laetitia Janine;MUELLER, Barbara Johanna~ 33:EP ~31:22189820.8 ~32:11/08/2022

2024/08709 ~ Complete ~54:MULTIVALENT VACCINE FOR PARAMYXOVIRUSES AND USES THEREOF ~71:Icosavax, Inc., 1930 Boren Avenue, Suite 1000, SEATTLE 98101, WA, USA, United States of America ~72: CIARLET, Max;FELDHAUS, Andrew L.;HOLTZMAN, Douglas A.;KANESA-THASAN, Niranjan~ 33:US ~31:63/342,953 ~32:17/05/2022;33:US ~31:63/367,109 ~32:27/06/2022;33:US ~31:63/378,151 ~32:03/10/2022;33:US ~31:63/387,092 ~32:12/12/2022

2024/08716 ~ Complete ~54:MERIDIAN MASSAGE DEVICE ~71:The First Affiliated Hospital of Henan University of CM, No. 19 Renmin Road, Zhengzhou City, Henan Province, 450000, People's Republic of China ~72: Ge Beibei;Ma Chao;Zhang Zhaoyang~ 33:CN ~31:202311573506.7 ~32:23/11/2023

2024/08683 ~ Complete ~54:DIPHENYL ETHER HERBICIDE DEGRADING BACTERIUM OFF-3, MICROBIAL INOCULUM AND ENZYME PREPARATION DERIVED THEREFROM, AND APPLICATIONS ~71:Yancheng Teachers University, No. 2 Xiwang Avenue South Road, Tinghu District, Yancheng City, Jiangsu Province, 224063, People's Republic of China ~72: JIA, Yan;NI, Haiyan;WEN, Yue;XUE, Fei;YAO, Li~ 33:CN ~31:202311530463.4 ~32:16/11/2023

2024/08705 ~ Complete ~54:ANTIBODIES THAT BIND INTERLEUKIN 13 AND METHODS OF USE ~71:Apogee Biologics, Inc., 221 Crescent St., Building 17, Suite 102B, WALTHAM 02453, MA, USA, United States of America ~72: HARWIN, Peter;KISELAK, Tomas;SHAHEEN, Hussam H.;THOMPSON, Kenneth Evan~ 33:US ~31:63/353,367 ~32:17/06/2022;33:US ~31:63/462,822 ~32:28/04/2023;33:US ~31:63/469,167 ~32:26/05/2023

2024/08688 ~ Complete ~54:METHOD AND DEVICE FOR AUTOMATED MASS OF THE WEIGHT CALCULATION TRANSPORTED BY A CONVEYOR ~71:Aleksey Gennadevich Pridorozhnyi, ul. Bolshaya Filevskaya, d.3., korp.4, kv.235, Moscow, 121087, Russian Federation ~72: Aleksey Gennadevich Pridorozhnyi~ 33:RU ~31:2024115209 ~32:04/06/2024

2024/08702 ~ Complete ~54:ANTIVIRAL INDOLINYL COMPOUNDS AND USES THEREOF ~71:GILEAD SCIENCES, INC., 333 Lakeside Drive, Foster City, California, 94404, United States of America ~72: AESOP CHO;JIE XU;KATHERINE DE LA FUENTE;KIN S YANG;PEIYUAN WANG;THOMAS P STRATTON;WILLIAM J WATKINS~ 33:US ~31:63/344,487 ~32:20/05/2022

2024/08715 ~ Complete ~54:QUALITY FACTOR MEASUREMENT DEVICE AND METHOD FOR A CORIOLIS FLOWMETER ~71:BEIJING SINCERITY AUTOMATIC EQUIPMENT CO., LTD., Room 201, Unit 2, Building 8, Yard 3, Gaolizhang Road, Haidian District, Beijing, 100089, People's Republic of China ~72: DIPING PAN;GANG XU;HAILONG QU;HUI CHEN;JING HE;LIANG MING~ 33:CN ~31:202311530392.8 ~32:16/11/2023

2024/08721 ~ Provisional ~54:KTES INNOVATION OF ELECTRONICS VOTING MACHINE ~71:Mr Clifford Themba Tshabalala, 3479 Modumo Street, Everest Section, South Africa ~72: Mr Clifford Themba Tshabalala~

2024/08710 ~ Complete ~54:COMMUNICATION METHOD AND APPARATUS BASED ON PHYSICAL PROTOCOL DATA UNIT ~71:Huawei Technologies Co., Ltd., Huawei Administration Building, Bantian, Longgang District, SHENZHEN 518129, GUANGDONG, CHINA (P.R.C.), People's Republic of China ~72: GAN, Ming;GONG, Bo;LI, Feng;LIU, Chenchen~ 33:CN ~31:202210545847.2 ~32:19/05/2022

2024/08699 ~ Complete ~54:HEAT EXCHANGER TUBE ~71:BOSCH MANAGEMENT SERVICES (PTY) LTD, 1 Holwood Park, 5 Canegate Road, La Lucia Office Estate, Kwazulu Natal, 4320, South Africa ~72: MEETHAN GOKOOL~ 33:ZA ~31:2022/04289 ~32:19/04/2022

2024/08701 ~ Complete ~54:RESISTANCE GENE AND LETTUCE PLANT RESISTANT TO FUSARIUM WILT ~71:ENZA ZADEN BEHEER B.V., Haling 1 E, 1602 DB, Enkhuizen, Netherlands ~72: ALEXANDER JAN TAEDE VAN DER VEEN;ILJA ROOBEEK;MAARTEN EDUARD ROUWET;MATHIEU ANDRÉ PEL~ 33:EP ~31:PCT/EP2022/067580 ~32:27/06/2022

2024/08713 ~ Complete ~54:TREHALOSE-BASED SURFACTANTS ~71:MEDXCELL SA, Avenue des Planches 20C, Switzerland ~72: GERBER, Sandrine;NOVERRAZ, François;PASSEMARD, Solène;ROBIN, Baptiste~ 33:EP ~31:22173849.5 ~32:17/05/2022

2024/08686 ~ Complete ~54:LUNG CLEARING AND SPUTUM REMOVAL DEVICE FOR RESPIRATORY MEDICINE ~71:Yichang Central People's Hospital (First Clinical Medical College of Three Gorges University, Central People's Hospital Affiliated to Three Gorges University), No. 183, Yiling Avenue, Yichang, Hubei, People's Republic of China ~72: Mi Zhang~

2024/08684 ~ Complete ~54:HIERARCHICAL POWER CONTROL ~71:CUMMINS POWER GENERATION INC., 1400 73rd Avenue NE, Minneapolis, United States of America ~72: GEORGAS, Jonathan W.;RAUT, Akshat Abhay;SCHEUERELL, Michael James~ 33:US ~31:63/601,665 ~32:21/11/2023;33:US ~31:18/949,617 ~32:15/11/2024

2024/08687 ~ Complete ~54:A PHOTOVOLTAIC MODULE CLEANING DEVICE ~71:Leshan Normal University, No. 778 Binhe Road, Shizhong District, Leshan City, Sichuan Province, People's Republic of China ~72: Chang Feng;Xiao Zhigang;Zhu Jiexiong~

2024/08696 ~ Complete ~54:AUTO-RETURN DRILL SUPPORT ~71:WILVIC PLASTICS CC, 5 Hammer Street Boltonia, West Krugersdorp, South Africa ~72: BAREND JACOBUS BOGDANOVIC~ 33:ZA ~31:2023/07928 ~32:16/08/2023

2024/08700 ~ Complete ~54:COMPOSITIONS HAVING PESTICIDAL UTILITY AND PROCESSES RELATED THERETO ~71:CORTEVA AGRISCIENCE LLC, 9330 Zionsville Road, Indianapolis, Indiana, 46268, United States of America ~72: FRANK J WESSELS;NEGAR V GARIZI~ 33:US ~31:63/343,182 ~32:18/05/2022

2024/08704 ~ Complete ~54:FUNGICIDAL COMBINATIONS AND METHOD OF CONTROLLING FUNGAL DISEASES ~71:UPL EUROPE LTD, The Centre, 1st Floor, Birchwood Park, Warrington, Cheshire, WA3 6YN, United Kingdom;UPL MAURITIUS LIMITED, 6th Floor, Suite 157B, Harbor Front Building, President John

Kennedy Street,, Mauritius ~72: Estelle Moreau;Grégory Lecollinet;Robert Burton~ 33:EP ~31:22305726.6
~32:17/05/2022

2024/08714 ~ Complete ~54:UREA DERIVATIVES WHICH CAN BE USED TO TREAT CANCER
~71:SCORPION THERAPEUTICS, INC., One Winthrop Square, Suite 400, Boston, Massachusetts, 02110,
United States of America ~72: JR. DAVID ST. JEAN;MAXWELL DAVID CUMMINGS~ 33:US ~31:63/210,370
~32:14/06/2021;33:US ~31:63/228,351 ~32:02/08/2021;33:US ~31:63/288,909 ~32:13/12/2021;33:US
~31:63/316,017 ~32:03/03/2022;33:US ~31:63/319,236 ~32:11/03/2022;33:US ~31:63/348,261
~32:02/06/2022

2024/08690 ~ Complete ~54:A METHOD AND SYSTEM FOR AUTOMATED DETERMINATION OF THE
OCCURRENCE OF AN ABNORMAL SOURCE OF CONCENTRATED RESISTANCE TO THE MOVEMENT OF
A CONVEYOR BELT USING AN OFFSET ~71:Aleksey Gennadevich Pridorozhnyi, ul. Bolshaya Filevskaya, d.3.,
kor.4, kv.235, Moscow, 121087, Russian Federation ~72: Aleksey Gennadevich Pridorozhny~ 33:RU
~31:2024123408 ~32:14/08/2024

2024/08703 ~ Complete ~54:ANTIBODY-DRUG CONJUGATES OF ANTINEOPLASTIC COMPOUNDS AND
METHODS OF USE THEREOF ~71:LES LABORATOIRES SERVIER, 50, rue Carnot, 92284, Suresnes cedex,
France;NOVARTIS AG, Lichtstrasse 35, 4056, Basel, Switzerland ~72: ANA LETICIA MARAGNO;BING
YU;CLAUDIA JUDITH KLINTER;CORNELIA ANNE MUNDT;ERIC ANDREW MCNEILL;FRANCESCA
ROCCHETTI;GREGORY JOHN HOLLINGWORTH;IMRE FEJES;JEAN-BAPTISTE LANGLOIS;JOSEPH
ANTHONY D'ALESSIO;JÉRÔME BENOIT STARCK;KATHARINA MADÖRIN;KATSUMASA
NAKAJIMA;MATTHEW T BURGER;OLIVIER GENESTE;QIANG ZHANG;RICHARD VAUGHAN
NEWCOMBE;STUART RAY;TIBOR ROBERT NOVAK;VESELA KOSTOVA;ZHUOLIANG CHEN;ZOLTAN
SZLAVIK~ 33:US ~31:63/344,510 ~32:20/05/2022

2024/08707 ~ Complete ~54:CROSS-LINKABLE AND CHARGED ZWITTERIONIC POLYMERS AND
MEMBRANES COMPRISING SAME ~71:Trustees of Tufts College, Ballou Hall, 4th Floor, MEDFORD 02155,
MA, USA, United States of America;ZwitterCo, Inc., 12 Cabot Road, Suite B, WOBURN 01801, MA, USA, United
States of America ~72: LOUNDER, Samuel J.~ 33:US ~31:63/364,755 ~32:16/05/2022

2024/08712 ~ Complete ~54:AT2R ANTAGONISTS AND USES THEREOF ~71:Eli Lilly and Company, Lilly
Corporate Center, INDIANAPOLIS 46285, IN, USA, United States of America ~72: BEAUCHAMP, Thomas
James;CHEN, Zhaogen;CONNER, Scott Eugene;ERICKSON, Jon Andre;GARCIA PAREDES, Maria
Cristina;LINESWALA, Jayana Pankajkumar;SHER, Emanuele;THAPA, Bishnu;WINNEROSKI II, Leonard Larry~
33:US ~31:63/342,828 ~32:17/05/2022;33:US ~31:63/413,691 ~32:06/10/2022

- APPLIED ON 2024/11/18 -

2024/08763 ~ Complete ~54:CELL HYBRIDS AS HOST CELLS FOR HIGH EFFICIENCY PRODUCTION OF
GENE THERAPY VECTORS AND VIRAL VACCINES ~71:CHO PLUS INC., 329 Oyster Pt. Blvd., 3rd Floor,
United States of America ~72: FORMAN, Lawrence;NGO, Kathy~ 33:US ~31:63/350,863 ~32:09/06/2022

2024/08735 ~ Complete ~54:DEVICE FOR CONTROLLING SOLDERED JOINTS ON A BOARD
~71:SKVORTSOVA Tatiana Viktorovna, KV-L 90A, GRAYVORONOVO, korpus 5, KV 26, Moscow, 109518,
Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU
~31:2024131430 ~32:18/10/2024

2024/08749 ~ Complete ~54:THE INVENTION OF A FRUIT AND VEGETABLE PRESERVATIVE AND THE
PREPARATION METHOD ~71:LANZHOU UNIVERSITY, No. 222 South Road Tianshui, R.D., Chengguan

District, Lanzhou, People's Republic of China ~72: Diyan WU;Mingqing ZHANG;Qi ZHAO;Runtong CHEN;Ruochen WANG;Shu LUO;Tian QIU;Ying ZHANG;Zhenchuang TANG~

2024/08745 ~ Complete ~54:SAMPLING DEVICE FOR NON-SOLID FOOD ~71:Shanghai Zhongqiao Vocational And Technical University, No. 3888 Caolang Road, Jinshan District, Shanghai, 201514, People's Republic of China ~72: Han Shuai;Qin Xiaopei;Shu Junxia;Wei Mengyue;Wu Youzhi~ 33:CN ~31:202311542062.0 ~32:20/11/2023

2024/08759 ~ Complete ~54:DATA MONITORING AND PROCESSING METHOD AND SYSTEM BASED ON INTELLIGENT HOSPITAL BED ~71:GUANGZHOU INSTITUTE OF CANCER RESEARCH, THE AFFILIATED CANCER HOSPITAL, GUANGZHOU MEDICAL UNIVERSITY, No.78, Hengzhigang Road, Yuexiu District,, Guangzhou, Guangdong, People's Republic of China ~72: Lijun ZHANG;Zhaochun ZENG~

2024/08730 ~ Complete ~54:METHOD FOR MEASURING SIGNALS ~71:SKVORTSOVA Tatiana Viktorovna, KV-L 90A, GRAYVORONOVO, korpus 5, KV 26, Moscow, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2024131439 ~32:18/10/2024

2024/08733 ~ Complete ~54:SYSTEM FOR CONTROLLING SOLDERED JOINTS ON A BOARD ~71:SKVORTSOVA Tatiana Viktorovna, KV-L 90A, GRAYVORONOVO, korpus 5, KV 26, Moscow, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2024131433 ~32:18/10/2024

2024/08734 ~ Complete ~54:MACHINE READABLE MEDIUM FOR A DEVICE FOR CONTROLLING SOLDERED JOINTS ON A BOARD ~71:SKVORTSOVA Tatiana Viktorovna, KV-L 90A, GRAYVORONOVO, korpus 5, KV 26, Moscow, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2024131434 ~32:18/10/2024

2024/08737 ~ Complete ~54:DEVICE FOR CONTROLLING SOLDERED JOINTS ON A BOARD WITH A TRANSMITTER ~71:SKVORTSOVA Tatiana Viktorovna, KV-L 90A, GRAYVORONOVO, korpus 5, KV 26, Moscow, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2024131435 ~32:18/10/2024

2024/08754 ~ Complete ~54:APPARATUS, IN PARTICULAR A CONTROL APPARATUS, FOR DETECTING MOVEMENTS OF A MAGNET CARRIER ~71:TONIES GMBH, Oststrasse 119, Germany ~72: Christian WILMANNNS;Marcus STAHL;Patric FASSBENDER;Roman SALOMON;Sven VADERS~ 33:EP ~31:22175526.7 ~32:25/05/2022

2024/08756 ~ Complete ~54:CARDIAC REHABILITATION AUXILIARY TREATMENT DEVICE ~71:THE THIRD AFFILIATED HOSPITAL, GUANGZHOU MEDICAL UNIVERSITY (GUANGZHOU MEDICAL CENTER FOR CRITICAL PREGNANT WOMEN, GUANGZHOU ROUJI HOSPITAL), No.63 Duobao Road, Liwan District, Guangzhou, Guangdong, 510000, People's Republic of China ~72: Shixiang WANG;Youquan CHEN~

2024/08753 ~ Complete ~54:TOYS FOR THE REPRODUCTION OF MUSIC OR A NARRATED STORY ~71:TONIES GMBH, Oststrasse 119, Germany ~72: Christian WILMANNNS;Marcus STAHL;Patric FASSBENDER;Roman SALOMON;Sven VADERS~ 33:EP ~31:22175526.7 ~32:25/05/2022

2024/08757 ~ Complete ~54:AN IMAGE PROCESSING OPTIMIZATION DEVICE BASED ON RISC-V SOC ~71:ANHUI SCIENCE AND TECHNOLOGY UNIVERSITY, No. 9 Donghua Road, Fengyang County, Chuzhou, Anhui, 233100, People's Republic of China ~72: Feng Yichao;Guo Shijun;Wang Hongyu;Zhang Pingjuan~

2024/08765 ~ Complete ~54:METHODS FOR TREATING LYMPHOMA ~71:Incyte Corporation, 1801 Augustine Cut-Off, WILMINGTON 19803, DE, USA, United States of America;Xencor, Inc., 111 West Lemon Avenue, MONROVIA 91016, CA, USA, United States of America ~72: AINSWORTH, William;CHIARELLA, Michael;CLYNES, Raphael;KYE, Steve;LIEBOWITZ, David~ 33:US ~31:63/337,941 ~32:03/05/2022;33:US ~31:63/340,909 ~32:11/05/2022

2024/08764 ~ Complete ~54:BIODEGRADABLE THERMOPLASTIC MATERIALS ~71:Dizolv, Inc., 2160 Elkins Way, Unit A, BRENTWOOD 94513, CA, USA, United States of America ~72: ELLMAN, Sam;HSU, Alex;LIVESEY, Christopher W.~ 33:US ~31:63/332,850 ~32:20/04/2022;33:US ~31:63/346,481 ~32:27/05/2022

2024/08769 ~ Complete ~54:MULTIPLEX GENE EDITING METHOD BASED ON CRISPR/CAS9 ~71:CHINA AGRICULTURAL UNIVERSITY, No.2 West Yuanmingyuan Road, Haidian District, Beijing, Haidian District, People's Republic of China ~72: HOU, Zhuocheng;SUN, Dandan~ 33:CN ~31:202311819843.X ~32:27/12/2023

2024/08736 ~ Complete ~54:METHOD FOR CONTROLLING SOLDERED JOINTS ON A BOARD ~71:SKVORTSOVA Tatiana Viktorovna, KV-L 90A, GRAYVORONOVO, korpus 5, KV 26, Moscow, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2024131431 ~32:18/10/2024

2024/08747 ~ Complete ~54:EXOSKELETON REHABILITATION ROBOT FOR REHABILITATION ENGINEERING AND USING METHOD THEREFOR ~71:Anhui Vocational and Technical College, No. 2600 Wenzhong Road, Hefei, Anhui Province, 230011, People's Republic of China ~72: Liang Li;Wang Xiaoyun~ 33:CN ~31:202410492469.5 ~32:23/04/2024

2024/08758 ~ Complete ~54:REUSABLE MULTI-DOSE, VARIABLE DOSE, SINGLE PEN INJECTOR FOR TYPE 2 DIABETES AND WEIGHT MANAGEMENT ~71:ZYDUS LIFESCIENCES LIMITED, Zydus Corporate Park, Scheme no. 63, Survey No. 536, Khoraj (Gandhinagar), Nr. Vaishnodevi Circle, India ~72: KANNAN, Muthaiyyan Essakimuthu;KUMAR, Saurabh;NAHATA, Tushar Surajmal;SINGH, Debjani Manoj;WAGH, Yogesh Keda~ 33:IN ~31:202221032778 ~32:08/06/2022

2024/08766 ~ Complete ~54:MEK INHIBITORS AND USES THEREOF ~71:lkena Oncology, Inc., 645 Summer Street, Suite 101, BOSTON 02210, MA, USA, United States of America ~72: BURKE, Michael J.;CASTRO, Alfredo C.;HAINES, Eric;RUPPEL, Sabine K.;SANTILLANA SOTO, Sergio L.;WYNN, Thomas A.;XU, Lan;ZAVIDIJ, Oksana~ 33:US ~31:63/345,698 ~32:25/05/2022;33:US ~31:63/375,875 ~32:16/09/2022;33:US ~31:63/479,131 ~32:09/01/2023;33:US ~31:63/488,807 ~32:07/03/2023

2024/08768 ~ Complete ~54:RIPK1 INHIBITORS AND METHODS OF USE ~71:Merck Sharp & Dohme LLC, 126 East Lincoln Avenue, RAHWAY 07065, NJ, USA, United States of America ~72: CHEN, Joanna L.;CHEN, Yi-Heng;DIMAURO, Erin F.;FRADERA, Xavier;LU, Min;METHOT, Joey L.;MUSACCHIO, Andrew J.;PALANI, Anandan;PIO, Barbara;RICO DUQUE, Lorena;SILIPHAIVANH, Phieng;VARA, Brandon A.~ 33:US ~31:63/343,591 ~32:19/05/2022;33:US ~31:63/491,422 ~32:21/03/2023

2024/08748 ~ Complete ~54:ECOLOGICAL REGULATION SYSTEM FOR RICE PESTS ~71:Zhejiang Normal University, No. 688 Yingbin Avenue, Jinhua City, Zhejiang Province, 321004, People's Republic of China ~72: CHEN, Huihui;CHI, Yongqing;FENG, Weice;SONG, Jiabao;WANG, Xinping;XU, Hongxing;YAO, Xiaoming;ZHU, Pingyang~

2024/08740 ~ Complete ~54:METHOD FOR DETERMINING PERMISSIBLE SPEED OF A VEHICLE ~71:VOLKOV Artem Maksimovich, sh. Otkrytoye, d. 14D, kv. 254, Moscow, 107370, Russian Federation ~72: VOLKOV Artem Maksimovich~ 33:RU ~31:2024130479 ~32:10/10/2024

2024/08741 ~ Complete ~54:A PASSIVE DUPLEXER ~71:CHAMPION MOBILE GLOBAL LTD, Ridge View, Wellgreen Lane, Kingston-Upon-Lewes, United Kingdom ~72: KHAN, Saad Saleem;OMAR, Muhammad;ROBINSON, Justyna;USMAN, Muhammad;ZAINAB, Chaudhry~

2024/08722 ~ Provisional ~54:A SERVING PADDLE ~71:Jorge Gouveia FERREIRA, 98 Lindeque Street, Meyersdal, Alberton, 1148, South Africa;Paulo Miguel Pereira LOPES, Sunset Boulevard - Unit 10, 14 Palomino Street, Meyersdal, Alberton, 1448, South Africa;Ricardo Jose Pereira LOPES, 23 Mont Rose, Lincoln Avenue, New Redruth, Alberton, 1448, South Africa ~72: Jorge Gouveia FERREIRA;Paulo Miguel Pereira LOPES;Ricardo Jose Pereira LOPES~

2024/08726 ~ Provisional ~54:MODIFIED EZETIMIBE DRUG FOR CANCER TREATMENT ~71:UNIVERSITY OF SOUTH AFRICA, Muckleneuk Campus, Theo van Wyk Building,, PRETORIA 0001, SOUTH AFRICA, South Africa ~72: MENTOR, Tshireletso;NTWASA, Monde;SOOKLAL, Selisha~

2024/08731 ~ Complete ~54:KIT FOR MEASURING SIGNALS ~71:SKVORTSOVA Tatiana Viktorovna, KV-L 90A, GRAYVORONOVO, korpus 5, KV 26, Moscow, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2024131440 ~32:18/10/2024

2024/08742 ~ Complete ~54:MICROBIAL PREPARATION FOR PROMOTING ORYZA SATIVA ROOTING AS WELL AS PREPARATION METHOD AND APPLICATION THEREOF ~71:HEILONGJIANG GREEN FOOD SCIENCE RESEARCH INSTITUTE, NO.2727, CHUANGXIN 1ST ROAD, SONGBEI DISTRICT, HARBIN CITY, People's Republic of China;NORTHEAST AGRICULTURAL UNIVERSITY, NO.600 CHANGJIANG ROAD, XIANGFANG DISTRICT, HARBIN CITY, People's Republic of China ~72: FENG, Xu;HE, Fumeng;LI, Fenglan;LI, Xiaozhong;LIU, Dan;TIAN, Miao;WANG, Xuan;WANG, Xue~

2024/08744 ~ Complete ~54:REVERSE GRAVEL PACKING APPARATUS AND METHOD ~71:Beijing Research Institute of Chemical Engineering and Metallurgy, No. 145, Jiukeshu, Tongzhou District, Beijing, 101149, People's Republic of China ~72: HE, Ke;LI, Hongxing;LI, Xinghao;LI, Zhaokun;YANG, Lizhi;YANG, Rui;YUAN, Yuan;ZHAO, Longhao~ 33:CN ~31:202410973606.7 ~32:19/07/2024

2024/08746 ~ Complete ~54:MULTI-HEAD ELECTRIC TEST TUBE BRUSH CAPABLE OF ADJUSTING DISTANCE BETWEEN BRUSHES ~71:Jiaozuo Second People's Hospital (The First Affiliated Hospital of Henan Polytechnic University), No.17 Minzhu South Road, Jiaozuo City, Henan Province, 454000, People's Republic of China;The First Affiliated Hospital of Xinxiang Medical University, No. 88, Jiankang Road, Weihui, Xinxiang City, Henan Province, 453100, People's Republic of China ~72: Liu Yi;Mao Xiaona;Mu Yingying;Wang Xiaoyin;Xu Liuyang~

2024/08728 ~ Complete ~54:METHOD FOR CONTROLLING SOLDERED JOINTS ON A BOARD USING A DEVICE WITH A TRANSMITTER ~71:SKVORTSOVA Tatiana Viktorovna, KV-L 90A, GRAYVORONOVO, korpus 5, KV 26, Moscow, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2024131436 ~32:18/10/2024

2024/08739 ~ Complete ~54:METHOD FOR TRAINING A MACHINE LEARNING MODEL ~71:VOLKOV Artem Maksimovich, sh. Otkrytoye, d. 14D, kv. 254, Moscow, 107370, Russian Federation ~72: VOLKOV Artem Maksimovich~ 33:RU ~31:2024130475 ~32:10/10/2024

2024/08743 ~ Complete ~54:FISH PROTEIN FOLIAR BIO-ORGANIC FERTILIZER AS WELL AS PREPARATION METHOD AND APPLICATION THEREOF ~71:HEILONGJIANG GREEN FOOD SCIENCE RESEARCH INSTITUTE, NO.2727, CHUANGXIN 1ST ROAD, SONGBEI DISTRICT, People's Republic of China;NORTHEAST AGRICULTURAL UNIVERSITY, NO.600 CHANGJIANG ROAD, XIANGFANG DISTRICT,

People's Republic of China ~72: FENG, Xu;FENG, Yanzhong;HE, Fumeng;LI, Fenglan;LI, Xiaozhong;LIU, Dan;TIAN, Miao;WANG, Linlin;WANG, Xue;XU, Yongqing;YUAN, Qiang~

2024/08762 ~ Complete ~54:A METHOD FOR MANUFACTURING PIG IRON IN AN ELECTRICAL SMELTING FURNACE AND ASSOCIATED ELECTRICAL SMELTING FURNACE ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Jean-Christophe HUBER;Mathieu SANCHEZ;Simon Pierre DEPLECHIN~

2024/08729 ~ Complete ~54:DEVICE FOR GENERATING AND/OR MEASURING A SIGNAL ~71:SKVORTSOVA Tatiana Viktorovna, KV-L 90A, GRAYVORONOVO, korpus 5, KV 26, Moscow, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2024131438 ~32:18/10/2024

2024/08732 ~ Complete ~54:KIT FOR CONTROLLING SOLDERED JOINTS ON A BOARD ~71:SKVORTSOVA Tatiana Viktorovna, KV-L 90A, GRAYVORONOVO, korpus 5, KV 26, Moscow, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2024131432 ~32:18/10/2024

2024/08738 ~ Complete ~54:MACHINE READABLE MEDIUM FOR A DEVICE FOR CONTROLLING SOLDERED JOINTS ON A BOARD WITH A TRANSMITTER ~71:SKVORTSOVA Tatiana Viktorovna, KV-L 90A, GRAYVORONOVO, korpus 5, KV 26, Moscow, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2024131437 ~32:18/10/2024

2024/08723 ~ Provisional ~54:CATERING GAS AND ELECTRIC STOVES ~71:PEPSIE NOMONDE NKAMBA, WALKERVILLE FARM, CEGCUANA NDABAKAZI, South Africa ~72: PEPSIE NOMONDE NKAMBA~

2024/08724 ~ Provisional ~54:LOUNGER-COMPATIBLE SUNSHADE ~71:HAIGH, Richard, 21 Gemini Avenue, Morehill Glen, South Africa ~72: HAIGH, Richard~

2024/08727 ~ Complete ~54:WIND POWER GENERATION DEVICE WITH AUTOMATIC AIRFLOW BOOSTING ~71:Chunlei Xu, Room 601, Unit 3, Building 12-1, Zunhua Street, Lingyuan, Chaoyang, Liaoning, People's Republic of China ~72: Chunlei Xu~

2024/08755 ~ Complete ~54:ADSORBENT FOR SEPARATION OF A GASEOUS STREAM ~71:ZEOCHEM LLC, 1360 S. 12th Street,, United States of America ~72: PURCELL, Patrick;WESTON, Kerry C.~ 33:US ~31:17/807,810 ~32:20/06/2022

2024/08760 ~ Complete ~54:CONVEYOR SKIRTING REMOVAL SYSTEM ~71:CPC ENGINEERING PTY LTD, Ground Floor, 6 Kings Park Road, West Perth, Western Australia, 6005, Australia ~72: BRAD MICHAEL JOHN LLOYD;GRAHAM TREVOR WARNER;JOSHUA WARNER~ 33:AU ~31:2022901234 ~32:09/05/2022

2024/08761 ~ Complete ~54:A METHOD FOR MANUFACTURING PIG IRON IN AN ELECTRICAL SMELTING FURNACE AND ASSOCIATED ELECTRICAL SMELTING FURNACE ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Jean-Christophe HUBER;Mathieu SANCHEZ;Simon Pierre DEPLECHIN~

2024/08750 ~ Complete ~54:THE INVENTION OF A MIXED BACTERIAL SOLUTION AND THE PREPARATION METHOD AND ITS APPLICATION ~71:LANZHOU UNIVERSITY, No. 222 South Road Tianshui, R.D., Chengguan District, Lanzhou, People's Republic of China ~72: Diyan WU;Mingqing ZHANG;Run tong CHEN;Ruo chen WANG;Shu LUO;Tian QIU;Xiao MA;Ying ZHANG;Zhen chu ang TANG~

2024/08751 ~ Complete ~54:MANDREL SYSTEM AND METHOD ~71:PULPEX LIMITED, Unit 1, Cambridge South, West Way, United Kingdom ~72: ASHCROFT, Theo Richard;PROZESKY, Daniel George;TURNER, Adam Richard~ 33:GB ~31:2207773.9 ~32:26/05/2022

2024/08725 ~ Provisional ~54:MODIFIED EZETIMIBE DRUG FOR CANCER TREATMENT ~71:UNIVERSITY OF SOUTH AFRICA, Muckleneuk Campus, Theo van Wyk Building,, PRETORIA 0001, SOUTH AFRICA, South Africa ~72: MENTOR, Tshireletso;NTWASA, Monde;SOOKLAL, Selisha~

2024/08752 ~ Complete ~54:FRUIT AND VEGETABLE SORTING AND CONVEYING DEVICE AND FRUIT AND VEGETABLE SORTING APPARATUS ~71:REEMOON TECHNOLOGY CO., LTD., 9, Shuanglong Avenue, High Tech Zone, Xinfeng County, Ganzhou, People's Republic of China ~72: ZHU, Er;ZHU, Yi~ 33:CN ~31:202222434355.4 ~32:14/09/2022

2024/08767 ~ Complete ~54:STABILIZED LIQUID HERBICIDE FORMULATION OF HIGH-LOAD PYRASULFOTOLE ~71:Adama Agan Ltd., P.O. Box 262, Northern Industrial Zone, ASHDOD 7710201, ISRAEL, Israel ~72: LENIK, May;NAHMOUD, Sergio~ 33:US ~31:63/346,920 ~32:30/05/2022

- APPLIED ON 2024/11/19 -

2024/08795 ~ Provisional ~54:EYEWEAR ~71:LEONARD PETERSEN FAMILY TRUST I/T 132/2004, 45 30TH AVE, ELSIES RIVER, South Africa ~72: LEONARD PETERSEN~

2024/08771 ~ Provisional ~54:AN ACCESSORISING KIT ~71:GUILLAUME, Dankert, Cornelis, 316B BORDER ROAD EAST, LYNNWOOD, 0081, PRETORIA, South Africa ~72: GUILLAUME, Dankert, Cornelis~

2024/08780 ~ Complete ~54:LAPAROSCOPIC DEVICE ~71:Jenna Lynne HOOK MUELLER, 6904 Oahridge Road,, United States of America;Tamara Noel Fitzgerald, 4112Graceview Way, NC27705- 1683, United States of America ~72: Jenna Lynne HOOK MUELLER;Tamara Noel FITZGERALD~ 33:OA ~31:1202400299 ~32:26/08/2024

2024/08775 ~ Complete ~54:WALL DRILLING MACHINE FOR BUILDING DECORATION ~71:Tongling Polytechnic, No. 2689 Cuihu 4th Road, Tongguan District, Tongling City, Anhui Province, 244061, People's Republic of China ~72: WANG, Wenjing~

2024/08774 ~ Complete ~54:METHOD FOR CONTROL OF AN IOT DEVICE PLACED ON A VERTICAL SURFACE ~71:SMARTPOINT LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG MARYINO, B-R PERERVINSKIY, D. 27 K. 1 , POMESHCH. 10N, Moscow, 109469, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129107 ~32:30/09/2024

2024/08777 ~ Complete ~54:A METHOD FOR MODIFYING DIETARY FIBER POWDER OF GINGER PEEL RESIDUE FOR INCREASING ITS SOLUBLE DIETARY FIBER CONTENT ~71:Anqiu Linfu Food Co., Ltd., Sanli Town, Xing'an Street, Anqiu City, Weifang City, Shandong Province, 262100, People's Republic of China;Beijing Technology And Business University, No. 33, Fucheng Road, Haidian District, Beijing City, 100037, People's Republic of China;Jinan Fruit Research Institute, All China Federation of Supply and Marketing Cooperatives, No. 24, East Road of Yanzishan Community, Lixia District, Jinan City, Shandong Province, 250000, People's Republic of China ~72: Chao Ma;Chongdui Wang;Li Liang;Li Wang;Maoyu Wu;Ming Zhang;Peng Li;Qi Fan;Yuyu Zhang~ 33:CN ~31:202411482562.4 ~32:23/10/2024

2024/08785 ~ Complete ~54:PYRIDINE CHECKPOINT KINASE 1 (CHK1) INHIBITORS AND USES THEREOF ~71:BOUNDLESS BIO, INC., 10955 Alexandria Way, Suite 100, United States of America ~72: ELSDON, Rachele Janette;MEYER, Stephen Todd;PINKERTON, Anthony B.~ 33:US ~31:63/345,116 ~32:24/05/2022;33:US ~31:63/385,340 ~32:29/11/2022

2024/08792 ~ Complete ~54:SOLID FORMS OF A COMPOUND FOR TREATING OR PREVENTING HYPERURICEMIA OR GOUT ~71:Atom Therapeutics Co., Ltd, Room 306, Building 21, Hexiang Technology Center, Xiasha Street, Qiantang District, HANGZHOU 310018, ZHEJIANG, CHINA (P.R.C.), People's Republic of China ~72: FU, Changjin;SHI, Dongfang;YANG, Yan~ 33:IB ~31:2022/094043 ~32:20/05/2022

2024/08779 ~ Complete ~54:A RADIATION WARNING PEN FOR NUCLEAR MEDICINE MEDICAL PERSONNEL TO PROTECT RADIOACTIVE SUBSTANCES ~71:Shanghai Tenth People's Hospital, No.301, Yanchang Middle Road, Jing'an District, Shanghai City, 200072, People's Republic of China ~72: Haidong Cai;Hengwei Fan;Lei Hu;Wanwan Yi;Zhongwei Lv~

2024/08793 ~ Complete ~54:COMPOUND AND USE THEREOF ~71:COHERENT BIOPHARMA (SUZHOU) LIMITED, C36-2F, No. 218 Xinghu Street, Industrial Park, Suzhou, Jiangsu 215123, People's Republic of China ~72: BAOHUA ROBERT HUANG;FEI SHA;GANG QIAN;GUITAO WANG;LIANYONG CHEN;LIULIU YAN;SHANJUN JIANG;ZHIGANG WEI;ZHIGUANG ZHANG~ 33:CN ~31:PCT/CN2022/088021 ~32:20/04/2022;33:CN ~31:PCT/CN2022/136395 ~32:02/12/2022;33:CN ~31:202310361865.X ~32:06/04/2023

2024/08791 ~ Complete ~54:METHODS AND SYSTEMS FOR PERFORMING DATA CAPTURE ~71:Blue Prism Limited, 2 Cinnamon Park, Crab Lane, Fearnhead, WARRINGTON WA2 0XP, UNITED KINGDOM, United Kingdom ~72: AROCA-OUELLETTE, Miguel André;PETROV, Petar Marinov;REID, John Edward~ 33:EP ~31:22177366.6 ~32:06/06/2022

2024/08772 ~ Provisional ~54:VEHICLE PROTECTION METHOD AND SYSTEM ~71:HERMANUS BAREND DAHMS, 12B DR YUSUF DADOO, WILKOPPIES, South Africa ~72: HERMANUS BAREND DAHMS~

2024/08783 ~ Complete ~54:A TEMPERATURE CONTROL SYSTEM AND METHOD FOR A PLANT FACTORY BASED ON WASTE HEAT RECOVERY ~71:SHIHEZI UNIVERSITY, No. 221, Beisi Road, Shihezi City, Zi zhi qu zhi xia xian ji xing zheng qu hua, Xinjiang, 832003, People's Republic of China ~72: Cuizhong Chen;Jing Li;Junfeng Li;Mingju Lan;Qiugang Wang;Reihan E;Shengbao Liu;Yu Jiang;Yucheng Ren~ 33:CN ~31:202410369449.9 ~32:28/03/2024

2024/08789 ~ Complete ~54:MODULAR PLATFORM SYSTEM FOR VERTICAL ORE STOPE MINING ~71:Nordic Minesteel Technologies Inc., 373 Main St. West, Unit 1, NORTH BAY P1B 2T9, ONTARIO, CANADA, Canada ~72: ELLIOTT, Ronald;KELSO, Bryan;TURRIE, Darryl~ 33:US ~31:63/336,495 ~32:29/04/2022

2024/08784 ~ Complete ~54:DEVICE FOR STORING HUMAN ANATOMY SPECIMEN CONVENIENT FOR ADJUSTMENT AND VIEWING ~71:Guangzhou Medical University, No. 1 Xinzao Road,Xinzao Town, Guangdong Province, Guangzhou City, Panyu District, 511436, People's Republic of China ~72: Feiyu Chen;Jianjun Liu;Kun Kong;Mengjia Liu;Wandan Huang;Yuan Yang~

2024/08790 ~ Complete ~54:A LIFTING DEVICE ~71:Sandvik Ltd, 2 Tullyvannon Road, Ballygawley, DUNGANNON BT70 2HW, UNITED KINGDOM, United Kingdom ~72: BAXTER, Adam;GRAYDON, Stuart;SMYTH, Stuart~ 33:EP ~31:22180045.1 ~32:21/06/2022

2024/08773 ~ Complete ~54:METHOD FOR GENERATING XR SCENE USING WEB ENVIRONMENT OF MOBILE USER DEVICE WITH ADJUSTING PLAYBACK ~71:LIMITED LIABILITY COMPANY "ADDON", VN.TER.G. MUNITSIPALNYJ OKRUG LEFORTOVO, UL AVIAMOTORNAYA, D. 50, STR. 2, POMESHCH. 30/2, Moscow, 111024, Russian Federation ~72: BUROV Kirill Vitalievich;GIRIN Ivan Andreevich;POPOV Sergey Alekseevich;VETROV Dmitriy Viktorovich~ 33:RU ~31:2024131168 ~32:17/10/2024

2024/08782 ~ Complete ~54:RESIDUAL AND COEFFICIENTS CODING FOR VIDEO CODING ~71:BEIJING DAJIA INTERNET INFORMATION TECHNOLOGY CO., LTD., Room 101D1-7, 1st Floor, Building 1, No. 6, Shangdi West Road, Haidian District Beijing, Beijing 100085, People's Republic of China ~72: BING YU;CHE-WEI KUO;HONG-JHENG JHU;WEI CHEN;XIANGLIN WANG;XIAOYU XIU;YI-WEN CHEN~ 33:US ~31:63/181,110 ~32:28/04/2021

2024/08788 ~ Complete ~54:HYBRID ENERGY SYSTEMS ~71:Alliance North America, Inc., 11100 Hope St., CYPRESS 90630, CA, USA, United States of America;SPOC Grid Inverter Technologies, Inc., 7363 Gadsden Hwy, TRUSSVILLE 35173, AL, USA, United States of America ~72: BROOKS, Stacey;GULLY, Ben;MASON, Christian;QUOCK, Brian;WILLIAMS, Andrew;YIN, Michael~ 33:US ~31:63/344,117 ~32:20/05/2022

2024/08796 ~ Provisional ~54:INFLATABLE REMOVEBLE PANTS PROTECTIVE GEAR ~71:LEONARD PETERSEN FAMILY TRUST I/T 132/2004, 45 30TH AVE, ELSIES RIVER, South Africa ~72: LEONARD PETERSEN~

2024/08776 ~ Complete ~54:AN INTELLIGENT ELDERLY CARE WEARABLE DEVICE ~71:Huainan Normal University, Dongshan West Road, Tianjia'an District, Huainan City, Anhui Province, 232038, People's Republic of China ~72: Chao Zhang;Hui Lv;Jingjing Wang;Wei Xiang~ 33:CN ~31:202311599980.7 ~32:24/11/2023

2024/08778 ~ Complete ~54:DEVICE FOR SIMULATING OPERATION OF COMPRESSED AIREENERGY STORAGE SYSTEM IN MINE ~71:CHINA UNIVERSITY OF MINING AND TECHNOLOGY, No.1 Daxue Road, Quanshan District, Xuzhou City, Jiangsu Province, 221116, People's Republic of China;JIANGXI UNIVERSITY OF SCIENCE AND TECHNOLOGY, No.86 Hongqi Avenue, Zhanggong district, Ganzhou City, Jiangxi Province, 341000, People's Republic of China;ZHONG-CHU-GUO-NENG(BEIJING)TECHNOLOGY CO.,LTD., No.010, Middle Section, Floor 2, Building A, Building 3, No.9 Yongfeng Road, Haidian District, Beijing City, 100094, People's Republic of China;ZHONGKE NANJING FUTURE ENERGY SYSTEM RESEARCH INSTITUTE, Building 7, Qilin Artificial Intelligence Industrial Park, No.266 Chuangyan Road, Jiangning District, Nanjing City, Jiangsu Province, 211100, People's Republic of China ~72: DING Jie;GAO Afei;HU Lihua;HUANG Zhen;WANG Yingchao;WU Yun;ZHANG Kai;ZHANG Xuehui~

2024/08786 ~ Complete ~54:ADENO-ASSOCIATED VIRAL VECTORS FOR TARGETING DEEP BRAIN STRUCTURES ~71:THE CHILDREN'S HOSPITAL OF PHILADELPHIA, 3401 Civic Center Boulevard, United States of America ~72: CHEN, Yonghong;DAVIDSON, Beverly;KEISER, Megan;LEIB, David;RANUM, Paul;TECEDOR, Luis~ 33:US ~31:63/340,823 ~32:11/05/2022;33:US ~31:63/342,324 ~32:16/05/2022

2024/08794 ~ Complete ~54:DISTRIBUTION DEVICE AND AGRICULTURAL IMPLEMENT ~71:MARCHESAN IMPLEMENTOS E MÁQUINAS AGRÍCOLAS TATU S.A., Av. Marchesan, 1979, Matão, São Paulo, 15994-900, Brazil ~72: ALEXANDRE EDUARDO SIMONI;JOSÉ LUIZ ALBERTO MARCHESAN;JULIO CÉSAR BASSI PASCOINI;LUIZ GONZAGA DE SANTI LOUREIRO~ 33:BR ~31:1020220076820 ~32:22/04/2022

2024/08770 ~ Provisional ~54:ESTATE ADMINISTRATION METHOD AND SYSTEM ~71:VAN TONDER, Johannes Christiaan, 1185 Waterfall Drive, South Africa ~72: VAN TONDER, Johannes Christiaan~

2024/08781 ~ Complete ~54:A METHOD AND SYSTEM FOR GENERATING GENERALISED ADDITIVE MODELS (GAMS) ~71:PORCUPINE UNION (PTY) LTD., Block A, Menlyn Corporate Park, 175 Corobay Ave, WATERKLOOF GLEN, Pretoria 0081, Gauteng Province, SOUTH AFRICA, South Africa ~72: DIAMOND, David Hercules~ 33:ZA ~31:2023/10945 ~32:28/11/2023

2024/08787 ~ Complete ~54:SINGLE-PILE VERTICAL STATIC LOAD TEST DEVICE ~71:CHINA FIRST HIGHWAY ENGINEERING CO., LTD., Zhoujiajing, Guanzhuang, Chaoyang District, Beijing, 210000, People's Republic of China;NO.2 ENGINEERING LTD OF FHEC, CCCC, Room 101, Building 1, Mingpin Business Plaza,

High Tech Zone, Suzhou, Jiangsu, 215000, People's Republic of China ~72: BAO, Shichun;HUANG, Yongliang;QU, Qiang;WANG, Yifei;XIANG, Tianyu;XIAO, Wenhui;YANG, Yang;YIN, Jiankun;YU, Yifan~ 33:CN ~31:202410695489.2 ~32:31/05/2024

- APPLIED ON 2024/11/20 -

2024/08818 ~ Complete ~54:HUMAN AMYLIN ANALOG, AND DERIVATIVE AND USE THEREOF ~71:HANGZHOU SCIWIND BIOSCIENCES CO., LTD., ROOM 1802, BUILDING 2, HANGZHOU EAST INTERNATIONAL BUSINESS CENTER, QIANTANG DISTRICT, HANGZHOU, ZHEJIANG 310018, CHINA, People's Republic of China;SCIWIND BIOSCIENCES (BEIJING) CO., LTD., RM. 201, BUILDING 4, NO. 8 LIANGSHUIHE 2ND STREET, BDA, DAXING DISTRICT, BEIJING 100176, CHINA, People's Republic of China ~72: HAO, Sujuan;LI, Biao;LI, Yan;LI, Zhaoying;PAN, Hai;WU, Xinle;ZOU, Haixia~ 33:CN ~31:202210588910.0 ~32:27/05/2022

2024/08821 ~ Complete ~54:HOLE MEASUREMENT SYSTEM ~71:MTI GROUP PTY LTD, 37 Competition Way, Australia ~72: BODLEY, Nicholas Grant;CLARK, Nathan James;FITZSIMONS, James Matthew Richard;SMITH, Jamie Ryan~ 33:AU ~31:2022902173 ~32:02/08/2022

2024/08831 ~ Complete ~54:BAG3 AND PROTEIN QUALITY CONTROL IN THE BRAIN ~71:Temple University of the Commonwealth System of Higher Education, Broad Street and Montgomery Avenue, PHILADELPHIA 19122, PA, USA, United States of America ~72: FELDMAN, Arthur M.;MYERS, Valerie~ 33:US ~31:63/337,914 ~32:03/05/2022

2024/08797 ~ Provisional ~54:SYSTEM AND METHOD FOR BIOFEEDBACK-BASED COMPATIBILITY AND RELATIONSHIP ENHANCEMENT USING MULTI-METRIC ANALYSIS AND GAMIFICATION ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: Kabelo Diale~

2024/08803 ~ Complete ~54:ADENOSINE DERIVATIVE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME ~71:Brii Biosciences, Inc., We-Work One City Ctr., Unit 05-130, 110 Corcoran St., DURHAM 27701, NC, USA, United States of America ~72: XU, Lianhong~ 33:US ~31:63/141,450 ~32:25/01/2021

2024/08800 ~ Complete ~54:COPPER-CONTAINING HEAVY METAL WASTEWATER TREATMENT DEVICE ~71:Xingzhi College Zhejiang Normal University, 3388 Yingbin Avenue, Lanxi City, Zhejiang Province, People's Republic of China ~72: LI Xiaozhong~

2024/08802 ~ Complete ~54:ADAPTIVE BEAM FOCUSING DEVICE ~71:SOUTHWEST UNIVERSITY, 2 Tiansheng Road, Beibei District, Chongqing City, 400715, People's Republic of China ~72: BIAN Jiayi;DENG Tao;GAO Ziye;LIN Xiaodong;TANG Xi;WU Zhengmao;XIA Guangqiong;XIONG Tao~ 33:CN ~31:2024222353391 ~32:10/09/2024

2024/08804 ~ Complete ~54:DRINKING DEVICE ~71:air up group GmbH, Bayerstrasse 60, Munich 80335, GERMANY, Germany ~72: JÄGER, Tim;JÜNGST, Magdalena;KOPPITZ, Jannis;SCHLANG, Fabian~ 33:DE ~31:10 2018 222 299.1 ~32:19/12/2018

2024/08806 ~ Complete ~54:METHOD FOR MEASURING SURFACE STRESS OF FRACTURED ROCK MASS ~71:Bgrimm Technology Group, Building 23, Zone 18 of ABP, No. 188, South 4th Ring, Road West, Beijing, 102628, People's Republic of China;Deep Mining Laboratory Branch of Shandong Gold Mining Technology Co., Ltd., Deep Mining Laboratory, Sanshandao Street, Laizhou City, Yantai City, Shandong Province, 261442, People's Republic of China;University of Science and Technology Beijing, 30 Xueyuan Road, Haidian District,

Beijing, 100083, People's Republic of China ~72: Baoqiang PAN;Huanxin LIU;Hui WANG;Shengjun MIAO;Xiangfan SHANG;Zejing LIU;Zhaojun QI~

2024/08808 ~ Complete ~54:FACIAL RECOGNITION BASED REAL TIME LITTER SURVEILLANCE SYSTEM ~71:JOSHI, Suvarna, PROFESSOR, MIT ART, DESIGN AND TECHNOLOGY UNIVERSITY, RAJBAUGH LONI KALBHOR, SOLAPUR HIGHWAY, NEAR BHARAT PETROL PUMP LONI KALBHOR RAILWAY STATION, PUNE, MAHARASHTRA, 412201, India;KADAM, Pooja Abhijeet, ASSISTANT PROFESSOR, MIT ART, DESIGN AND TECHNOLOGY UNIVERSITY, RAJBAUGH LONI KALBHOR, SOLAPUR HIGHWAY, NEAR BHARAT PETROL PUMP LONI KALBHOR RAILWAY STATION, PUNE, MAHARASHTRA, 412201, India;MANTRI, Shamlu Tushar, ASSOCIATE PROFESSOR, DR. VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, SURVEY NO, 124, PAUD RD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;SHENDKAR, Bhagyashree Dinesh, ASSISTANT PROFESSOR, MIT ART, DESIGN AND TECHNOLOGY UNIVERSITY, RAJBAUGH LONI KALBHOR, SOLAPUR HIGHWAY, NEAR BHARAT PETROL PUMP LONI KALBHOR RAILWAY STATION, PUNE, MAHARASHTRA, 412201, India;SUTAR, Shiv Havgirao, ASST. PROF., DEPT OF COMPUTER ENGINEERING AND TECHNOLOGY, MITWPU, PUNE, MAHARASHTRA, India ~72: JOSHI, Suvarna;KADAM, Pooja Abhijeet;MANTRI, Shamlu Tushar;SHENDKAR, Bhagyashree Dinesh;SUTAR, Shiv Havgirao~

2024/08807 ~ Complete ~54:SELF-STARTING RAIN INCREASING AND DECREASING DEVICE ~71:INSTITUTE OF PASTORAL HYDRAULIC RESEARCH, MWR(IPHR), NO. 16, UNIVERSITY EAST ROAD, SAIHAN DISTRICT, HOHHOT CITY, People's Republic of China ~72: CHEN, Yuxin;GAO, Tianming;LIU, Wei;LIU, Xinyu;MIAO, Henglu;REN, Meili;TAO, Rongdong;YAO, Zhenyu;ZHAO, Huixia;ZHAO, Tianqi;ZHOU, Xu~ 33:CN ~31:202422057767X ~32:23/08/2024

2024/08811 ~ Complete ~54:METHOD FOR GENERATING XR SCENE USING WEB ENVIRONMENT OF MOBILE USER DEVICE ~71:LIMITED LIABILITY COMPANY "ADDON", VN.TER.G. MUNITSIPALNYJ OKRUG LEFORTOVO, UL AVIAMOTORNAYA, D. 50, STR. 2, POMESHCH. 30/2, Moscow, 111024, Russian Federation ~72: BUROV Kirill Vitalievich;GIRIN Ivan Andreevich;POPOV Sergey Alekseevich;VETROV Dmitriy Viktorovich~ 33:RU ~31:2024131164 ~32:17/10/2024

2024/08816 ~ Complete ~54:CATALYST COMPOSITIONS AND METHODS OF PREPARATION AND USE THEREOF ~71: BASF CORPORATION, 100 PARK AVENUE, FLORHAM PARK, NEW JERSEY 07932, USA, United States of America ~72: CHEN, Jian-Ping;HEDRICK, Scott;KUNDU, Arunabha~ 33:US ~31:63/334,414 ~32:25/04/2022

2024/08799 ~ Complete ~54:METHOD FOR ACTUATING A PENDULUM MECHANISM ~71:LACUNA LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSIPALNIY OKRUG OTRADNOYE, PROYEZD VYSOKOVOLTIY, D. 21 STR. 5, Moscow, 127566, Russian Federation ~72: KRAVCHENKO Artem Aleksandrovich;MOSALOVA Tatiana Nikolaevna~ 33:RU ~31:2024129120 ~32:30/09/2024

2024/08820 ~ Complete ~54:PYRIDO[4,3-D]PYRIMIDINE COMPOUNDS ~71:PFIZER INC., 66 Hudson Boulevard East, New York, United States of America ~72: DEFOREST, Jacob Cole;NAGATA, Asako;PLANKEN, Simon Paul;SPANGLER, Jillian Elyse;SUTTON, Scott Channing;TATLOCK, John Howard~ 33:US ~31:63/358,324 ~32:05/07/2022;33:US ~31:63/394,338 ~32:02/08/2022;33:US ~31:63/414,939 ~32:11/10/2022;33:US ~31:63/502,931 ~32:18/05/2023

2024/08825 ~ Complete ~54:PEST DETECTION SYSTEMS AND METHODS ~71:FARMSSENSE, INC., 2025 Chicago Ave., A-12, United States of America ~72: SINGH, Shailendra;VERDEGAN, Christopher~ 33:US ~31:17/728,753 ~32:25/04/2022;33:US ~31:17/747,855 ~32:18/05/2022

2024/08828 ~ Complete ~54:B-CELL LYMPHOMA 2-ASSOCIATED ANTHANOGENE 3 (BAG3) GENE THERAPY USING AAV VECTOR ~71:Spacecraft Seven, LLC, 9 Cedar Brook Drive, CRANBURY 08512, NJ, USA, United States of America ~72: HERZOG, Christopher Dean;PRABHAKAR, Raj;RICKS, David;SACRAMENTO, Chester Bittencort~ 33:US ~31:63/333,798 ~32:22/04/2022

2024/08830 ~ Complete ~54:HERBICIDAL IMIDAZOLE-CONTAINING COMPOUNDS ~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: DALE, Suzanna;ELVES, Philip Michael;KINGSTON, Charles William Frederick;MORRIS, James Alan;SIKERVAR, Vikas;WATKIN, Samuel Vaughan~ 33:GB ~31:2209286.0 ~32:24/06/2022

2024/08832 ~ Complete ~54:CONCRETE PLACING BOOM, CONCRETE PUMPING APPARATUS, AND METHOD AND APPARATUS FOR MANUFACTURING SUPPORTS OF CONCRETE PLACING BOOM ~71:Jiangsu XCMG Construction Machinery Research Institute Ltd., No.26, Tuolanshan Road, Economic Development Zone, XUZHOU 221004, JIANGSU, CHINA (P.R.C.), People's Republic of China;Xuzhou XCMG Schwing Machinery Co. Ltd., No.29, Taoshan Rd, Xuzhou Economic Development Zone, XUZHOU 221004, JIANGSU, CHINA (P.R.C.), People's Republic of China ~72: WANG, Haibo;ZHANG, Xiang;ZHANG, Zhongyuan~

2024/08836 ~ Complete ~54:LIPID NANOPARTICLES FOR DELIVERY OF NUCLEIC ACIDS AND METHODS OF USE THEREOF ~71:AKAGERA MEDICINES, INC., 5 Essex Street, Boxford, Massachusetts, 01921, United States of America ~72: ALEXANDER KOSHKARYEV;DARYL C DRUMMOND;DMITRI B KIRPOTIN;MARK E HAYES;ROSS B FULTON~ 33:US ~31:63/345,823 ~32:25/05/2022;33:US ~31:63/346,197 ~32:26/05/2022;33:US ~31:18/324,097 ~32:25/05/2023

2024/08837 ~ Complete ~54:SAPONIN-BASED IMMUNOSTIMULANTS, PHARMACEUTICAL COMPOSITION COMPRISING SAID IMMUNOSTIMULANTS, THERAPEUTIC USE THEREOF ~71:THE UAB RESEARCH FOUNDATION, 1720 2nd Avenue South, CSB 120, Birmingham, Alabama, 35294, United States of America ~72: PENGFEI WANG~ 33:US ~31:63/364,897 ~32:18/05/2022

2024/08822 ~ Complete ~54:BEAM-FABRICATION ENTABLEMENT BASE STRUCTURE FOR PRECAST BEAMS AND DESIGN METHOD THEREOF ~71:CHANGZHOU TRANSPORTATION CONSTRUCTION MANAGEMENT CO., LTD, No. 56, Dafengjia Village, Xilin Village Committee, Xilin Street, Zhonglou District, Changzhou, Jiangsu, 213000, People's Republic of China;CHINA FIRST HIGHWAY ENGINEERING CO., LTD., Zhoujiajing, Guanzhuang, Chaoyang District, Beijing, 100000, People's Republic of China;NO.2 ENGINEERING LTD OF FHEC, CCCC, Room 101, Building 1, Mingpin Business Plaza, High Tech Zone, Suzhou, Jiangsu, 215000, People's Republic of China ~72: BAO, Shichun;CHEN, Yunping;HUANG, Yongliang;JIA, Junjun;LI, Jin;QU, Qiang;WANG, Yifei;XIAO, Wenhui;YANG, Yang;ZHANG, Jin~ 33:CN ~31:202411276926.3 ~32:12/09/2024

2024/08824 ~ Complete ~54:A METHOD FOR MANUFACTURING PIG IRON IN AN ELECTRICAL SMELTING FURNACE AND ASSOCIATED ELECTRICAL SMELTING FURNACE ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Jean-Christophe HUBER;Mathieu SANCHEZ;Simon Pierre DEPLECHIN~

2024/08835 ~ Complete ~54:SOLID FORMS OF A DUAL RAF/MEK INHIBITOR ~71:VERASTEM, INC., 117 Kendrick Street, Suite 500, Needham, Massachusetts, 02494, United States of America ~72: FARZANEH SEYEDI~ 33:US ~31:63/349,815 ~32:07/06/2022;33:US ~31:18/147,921 ~32:29/12/2022

2024/08838 ~ Complete ~54:A METHOD FOR PRODUCING MOLTEN PIG IRON INTO AN ELECTRICAL SMELTING UNIT ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Jean-Christophe HUBER;Mathieu SANCHEZ;Simon Pierre DEPLECHIN~

2024/08812 ~ Complete ~54:USE METHOD OF CRAWLER-TYPE EMERGENCY MANAGEMENT INTEGRATION DEVICE FOR TUNNEL FACE ~71:CHINA RAILWAY 12TH BUREAU GROUP CO., LTD., 130#, Xikuang Street, Taiyuan, People's Republic of China;THE 4TH ENGINEERING CO., LTD. OF CHINA RAILWAY 12TH BUREAU GROUP, No. 336, Ouya First Road, Chanba Econological Area, Xi'an City, People's Republic of China ~72: BAO, Yeming;CUI, Yangang;HU, Jianguo;JIA, Youxiu;LIU, Yousuo;LIU, Zhibo;MA, Zhanggen;SHEN, Hairui;SUI, Hongtao;SUN, Zexiong;TAN, Zhiwen;WU, Yansheng;ZHANG, Xiaofei;ZHENG, Yandong~ 33:CN ~31:202311739223.5 ~32:18/12/2023

2024/08819 ~ Complete ~54:PARTICULATE REMOVAL SYSTEM FOR USE IN HYDROPROCESSING ~71:SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., Carel van Bylandtlaan 30, HR The Hague, Netherlands ~72: CHEN, Zhong Xin;JANCKER, Steffen;RAMANATHAN, Ramkumar~ 33:US ~31:63/354,885 ~32:23/06/2022

2024/08826 ~ Complete ~54:MATERIAL HANDLING IMPLEMENT WITH WEAR COMPONENT SECUREMENT ~71:Black Cat Wear Parts, Ltd., 5604 59th Street, EDMONTON T6B 3C3, ALBERTA, CANADA, Canada ~72: RUVANG, John A.~ 33:US ~31:17/847,536 ~32:23/06/2022

2024/08827 ~ Complete ~54:1,4-BIS-(2-HYDROXY-BENZYL)-1,4,7-TRIAZACYCLONONANE DERIVATIVES AND SIMILAR COMPOUNDS AS LIGANDS IN IRON(III) COMPLEXES FOR USE AS MRI CONTRAST AGENTS ~71:Bracco Imaging SpA, Via Egidio Folli, 50, MILANO 20134, ITALY, Italy ~72: BARANYAI, Zsolt;BOCCALON, Mariangela;BOTTA, Mauro;CARNIATO, Fabio;TEI, Lorenzo~ 33:EP ~31:22187403.5 ~32:28/07/2022

2024/08839 ~ Complete ~54:FIBROBLAST ACTIVATION PROTEIN TARGETING PRECURSOR AND RADIOTRACER ~71:ITM ONCOLOGICS GMBH, Walther-von-Dyck-Strasse 4, Germany ~72: MECKEL, Marian;MOON, Euy Sung;RÖSCH, Frank~ 33:DE ~31:10 2022 116 009.2 ~32:28/06/2022

2024/08813 ~ Complete ~54:PASSIVE LOAD MONITORING METHOD AND SYSTEM ~71:CENTRAL RESEARCH INSTITUTE OF BUILDING AND CONSTRUCTION CO., LTD. MCC, 33 XITUCHENG ROAD, HAIDIAN DISTRICT, People's Republic of China ~72: FAN, Xiaokun;LI, Xiaodong;SHAO, Yanchao;WANG, Sheng;YAO, Qiyang;ZHANG, Muyu;ZHOU, Zhenwei~ 33:CN ~31:2023116720270 ~32:07/12/2023

2024/08823 ~ Complete ~54:PEST DETECTION SYSTEMS AND METHODS ~71:FARMSENSE, INC., 2025 Chicago Ave., A-12, United States of America ~72: SINGH, Shailendra;VERDEGAN, Christopher~ 33:US ~31:17/728,753 ~32:25/04/2022

2024/08829 ~ Complete ~54:JAW CRUSHER ~71:Sandvik Ltd, 2 Tullyvannon Road, Ballygawley, DUNGANNON BT70 2HW, UNITED KINGDOM, United Kingdom ~72: GRAYDON, Stuart;SMYTH, Stuart~ 33:EP ~31:22180035.2 ~32:21/06/2022

2024/08833 ~ Complete ~54:TREATMENT OF NEUROLOGICAL DISORDERS ~71:Praxis Precision Medicines, Inc., 99 High Street, 30th Floor, BOSTON 02110, MA, USA, United States of America ~72: HUGHES, Zoe A.;KAHLIG, Michael Kristopher Mathieu;RAVINA, Bernard;WITTMANN, Marion~ 33:US ~31:63/335,204 ~32:26/04/2022;33:US ~31:63/349,402 ~32:06/06/2022;33:US ~31:63/357,944 ~32:01/07/2022

2024/08840 ~ Complete ~54:ADENO-ASSOCIATED VIRAL VECTORS FOR TARGETING BRAIN MICROVASCULATURE ~71:THE CHILDREN'S HOSPITAL OF PHILADELPHIA, 3401 Civic Center Boulevard, United States of America ~72: CHEN, Yonghong;DAVIDSON, Beverly;KEISER, Megan;LEIB, David;RANUM, Paul;TECEDOR, Luis~ 33:US ~31:63/341,664 ~32:13/05/2022

2024/08801 ~ Complete ~54:CHITOSAN-BASED INTUMESCENT FLAME RETARDANT AND PREPARATION METHOD AND APPLICATION THEREOF ~71:Hubei University, No. 368, Youyi Avenue, Wuchang District,

Wuhan City, Hubei Province, People's Republic of China ~72: BAO Hongyu;Fang-Chang Tsai;HUANG Zhe;JIANG Tao;LI Shenghua;MA Ning;RUAN Bo;WU Jin~

2024/08805 ~ Complete ~54:ANTI-BCMA HEAVY CHAIN-ONLY ANTIBODIES ~71:TENEOBIO, INC., One Amgen Center Drive, Thousand Oaks, California, 91320, United States of America ~72: KATHERINE HARRIS;NATHAN TRINKLEIN;SHELLEY FORCE ALDRED;WIM VAN SCHOOTEN~ 33:US ~31:62/522,355 ~32:20/06/2017

2024/08841 ~ Complete ~54:APPARATUS AND METHOD FOR DETECTING MATTER AND MICRO-ORGANISMS ~71:DE SANTO, Keith Louis, 10800 Brighton Bay Blvd NE, Apt 19302 St Petersburg,, FL, 33716, United States of America ~72: DE SANTO, Keith Louis~ 33:US ~31:63/343,004 ~32:17/05/2022;33:US ~31:63/345,825 ~32:25/05/2022;33:US ~31:63/353,099 ~32:17/06/2022;33:US ~31:63/353,101 ~32:17/06/2022

2024/08798 ~ Provisional ~54:AUTOMATED MANNING BOARD ~71:Thabo Khunyedi, 2 Gazania Close, South Africa ~72: Thabo Khunyedi~

2024/08809 ~ Complete ~54:MOBILE USER DEVICE FOR GENERATING XR SCENE USING WEB ENVIRONMENT ~71:LIMITED LIABILITY COMPANY "ADDON", VN.TER.G. MUNITSIPALNYJ OKRUG LEFORTOVO, UL AVIAMOTORNAYA, D. 50, STR. 2, POMESHCH. 30/2, Moscow, 111024, Russian Federation ~72: BUROV Kirill Vitalievich;GIRIN Ivan Andreevich;POPOV Sergey Alekseevich;VETROV Dmitriy Viktorovich~ 33:RU ~31:2024131165 ~32:17/10/2024

2024/08817 ~ Complete ~54:IMAGING ENABLER FOR A VIEWING OPTIC ~71:SHELTERED WINGS, INC. d/b/a VORTEX OPTICS, ONE VORTEX DRIVE, BARNEVELD, WI 53507, USA, United States of America ~72: BOLLIG, Garrison;CARLSON, Andy;CODY, Tom;HAMILTON, Sam;HAVENS, Calen;JAUCH, Keegan;KLEMM, Ian;LEWIS, Alexander;LOWRY, William;PALZKILL, Tony;RUE, Tim;SAUSEN, Zach;TAYLOR, Cory~ 33:US ~31:63/363,560 ~32:25/04/2022;33:US ~31:63/363,591 ~32:26/04/2022

2024/08842 ~ Provisional ~54:VENTURI WATER HEAT COIL ~71:Christo Le Roux, 38 Fabriek Street,, South Africa ~72: Christo Le Roux~

2024/08815 ~ Complete ~54:METHOD AND COMPOSITION FOR TREATING LUNG DISEASES ~71:MANNKIND CORPORATION, 1 CASPER STREET, DANBURY, CT 06810, USA, United States of America ~72: CASTAGNA, Michael;FREEMAN JR., John J.;GRANT, Marshall, L.~ 33:US ~31:63/363,883 ~32:29/04/2022

2024/08834 ~ Complete ~54:COMPOSITIONS AND METHODS FOR TREATING A CARDIAC DISEASE ~71:THE CHILDREN'S MEDICAL CENTER CORPORATION, 55 Shattuck Street, Boston, Massachusetts, 02115, United States of America ~72: SOFIA M DE LA SERNA BUZON;VASSILIOS J BEZZERIDES;WILLIAM J PU~ 33:US ~31:63/342,311 ~32:16/05/2022

2024/08810 ~ Complete ~54:SYSTEM FOR GENERATING XR SCENE USING WEB ENVIRONMENT OF MOBILE USER DEVICE ~71:LIMITED LIABILITY COMPANY "ADDON", VN.TER.G. MUNITSIPALNYJ OKRUG LEFORTOVO, UL AVIAMOTORNAYA, D. 50, STR. 2, POMESHCH. 30/2, Moscow, 111024, Russian Federation ~72: BUROV Kirill Vitalievich;GIRIN Ivan Andreevich;POPOV Sergey Alekseevich;VETROV Dmitriy Viktorovich~ 33:RU ~31:2024131166 ~32:17/10/2024

2024/08814 ~ Complete ~54:LATERAL MOVEMENT FLEXIBLE TRANSFER BED AND TRANSFER METHOD THEREOF ~71:NINGBO POLYTECHNIC, No. 388, Lushan East Road, Economic and Technological

Development Zone, People's Republic of China ~72: CEN, Dawei;GONG, Yuzhi;LAN, Chunxia;LI, Yulei;LIANG, Yaokun;SANG, Lingfeng;TAO, Jing;WANG, Jinhong~ 33:CN ~31:202410022147.4 ~32:08/01/2024

- APPLIED ON 2024/11/21 -

2024/08877 ~ Complete ~54:MOULD SYSTEM AND METHOD ~71:PULPEX LIMITED, Unit 1, Cambridge South, West Way, United Kingdom ~72: ASHCROFT, Theo Richard;PROZESKY, Daniel George;TURNER, Adam Richard~ 33:GB ~31:2207771.3 ~32:26/05/2022

2024/08843 ~ Provisional ~54:WEDGED NUT AND SELF THREADING NUT FOR ANCHOR ~71:Johannes Jacobus Naude, 12 Arend avenue, South Africa ~72: Johannes Jacobus Naude~

2024/08847 ~ Provisional ~54:FORCED FLUX JUMP REACTOR ~71:Jacobus Johannes van der Merwe, 1060 Pierneef Street, Villieria,, South Africa ~72: Jacobus Johannes van der Merwe~

2024/08856 ~ Complete ~54:HEAVY METAL WASTEWATER SEDIMENTATION TANK ~71:Xingzhi College Zhejiang Normal University, 3388 Yingbin Avenue, Lanxi City, Zhejiang Province, People's Republic of China ~72: LI Xiaozhong~

2024/08889 ~ Complete ~54:BLASTHOLE STEMMING BASED ON FORMALDEHYDE RESINS, SYSTEM AND CHARGING METHOD ~71:OXIQUIM S.A., Avenida Santa Mariá 2050 Providencia, Chile ~72: MORALES HERRERA, Marcos Antonio;MOYA SAEZ, Claudio Humberto~ 33:CL ~31:202201496 ~32:07/06/2022

2024/08845 ~ Provisional ~54:LEAK DETECTION IN WATER HEATERS ~71:POWEROPTIMAL (PTY) LTD, 88 12th Avenue, South Africa ~72: GOEDHART, Andrew Peregrin~

2024/08862 ~ Complete ~54:COMPOSITIONS AND METHODS FOR NEUROLOGICAL DISEASES ~71:Coda Biotherapeutics, Inc., 151 Oyster Point Blvd, 2nd Floor, SOUTH SAN FRANCISCO 94080, CA, USA, United States of America ~72: GREENBERG, Kenneth P.;KEIFER, Orion Jr.;LAU, Anthony;MAKINSON, Stefanie~ 33:US ~31:62/590,911 ~32:27/11/2017;33:US ~31:62/659,911 ~32:19/04/2018

2024/08864 ~ Complete ~54:PROCESS FOR TREATMENT OF MINE CONTACT WATER ~71:TECK RESOURCES LIMITED, 3300 - 550 Burrard Street Vancouver, British Columbia, V6C 0B3, Canada ~72: JOSE ALBERTO GONZALEZ~ 33:US ~31:63/345,881 ~32:25/05/2022

2024/08875 ~ Complete ~54:TEMPLATE SELECTION FOR INTRA PREDICTION IN VIDEO CODING ~71:QUALCOMM Incorporated, ATTN: International IP Administration, 5775 Morehouse Drive, SAN DIEGO 92121-1714, CA, USA, United States of America ~72: CAO, Keming;CHANG, Yao-Jen;KARCZEWICZ, Marta;SEREGIN, Vadim~ 33:US ~31:63/367,709 ~32:05/07/2022;33:US ~31:63/377,666 ~32:29/09/2022;33:US ~31:18/338,756 ~32:21/06/2023

2024/08859 ~ Complete ~54:METHOD FOR MEASURING SURFACE STRESS OF FRACTURED ROCK MASS ~71:Bgrimm Technology Group, Building 23, Zone 18 of ABP, No. 188, South 4th Ring Road West, Beijing, 102628, People's Republic of China;Deep Mining Laboratory Branch of Shandong Gold Mining Technology Co., Ltd., Deep Mining Laboratory, Sanshandao Street, Laizhou City, Yantai City, Shandong Province, 261442, People's Republic of China;University of Science and Technology Beijing, 30 Xueyuan Road, Haidian District, Beijing, 100083, People's Republic of China ~72: Baoqiang PAN;Huanxin LIU;Hui WANG;Shengjun MIAO;Xiangfan SHANG;Zejing LIU;Zhaojun QI~

2024/08866 ~ Complete ~54:PLECTRANTHUS AMBOINICUS EXTRACT FOR USE IN INHIBITING IMMUNE RESPONSES ~71:ONENESS BIOTECH CO. LTD., 11F, No. 236, Sec. 4, Xinyi Rd., Da'An Dist., Taipei City,

Taiwan 106, People's Republic of China ~72: CHING-WEN LIN;KUNG-MING LU;MIN-LIANG KUO~ 33:US
~31:63/346,588 ~32:27/05/2022

2024/08870 ~ Complete ~54:(R)-2-[(2H-1,3-BENZODIOXOL-5-YL)METHYL]PYRROLIDINE AND PROCESSES
FOR PREPARATION, COMPOSITIONS AND USES THEREOF ~71:PHARMALA BIOTECH INC., 1055 West
Georgia Street, 1500 Royal Centre, P.O. Box 11117, Vancouver, British Columbia, V6E 4N7, Canada ~72:
HARPREET KAUR;TAO XIN~ 33:US ~31:63/392,948 ~32:28/07/2022

2024/08857 ~ Complete ~54:IMPROVING CELL ACCESS PROCEDURE ~71:NOKIA TECHNOLOGIES OY,
KARAKAARI 7, 02610 ESPOO, FINLAND, Finland ~72: HELMERS, Hakon;KOZIOL, Dawid~

2024/08878 ~ Complete ~54:MICROFLUIDIC DEVICES AND METHODS OF PRODUCING ~71:INVOX
BELGIUM NV, Agoralaan Building Abis, Belgium ~72: BARTELS, Frank~ 33:EP ~31:22187883.8
~32:29/07/2022

2024/08849 ~ Complete ~54:A LIMB TRAINING DEVICE FOR THE REHABILITATION OF RHEUMATISM
PATIENT ~71:The Fourth people's Hospital of Jinan, Department of Rheumatology and Immunology, Jinan Fourth
People's Hospital, No.50 Shi Fan Road, Jinan City, Shandong Province, People's Republic of China ~72: Chen
Hongxia;Dong Rongrong;Hao Tiantian;Li Mengqian;Li Xiaorong;Tang Zizheng;Wang Hui;Xie Kangqi~ 33:CN
~31:2024114954131 ~32:25/10/2024

2024/08853 ~ Complete ~54:FREE COMBAT REACTION TRAINING DEVICE ~71:Shandong University of
Finance and Economics, No. 7366, Second Ring East Road, Lixia District, Jinan City, Shandong Province,
People's Republic of China ~72: Fuling Han~

2024/08890 ~ Complete ~54:MULTISPECTRAL COUPLING METHOD FOR ONLINE DETECTION OF PULP
COMPONENTS IN MINERAL DRESSING TECHNOLOGICAL PROCESS ~71:BGRIMM MTC TECHNOLOGY
CO., LTD, A708 AND A701 ,1 BUILDING NO.22 BEIXING ROAD DAXING DISTRICT, People's Republic of China
~72: FANG, Shengnan;HAN, Pengcheng;LI, Huachang;SHI, Yehong;XIAO, Shan;XIE, Mai;XU, Bicong;YANG,
Fei;ZHAO, Zhen~ 33:CN ~31:2023117257712 ~32:15/12/2023

2024/08854 ~ Complete ~54:FREE COMBAT STRENGTH TRAINING DEVICE ~71:Shandong University of
Finance and Economics, No. 7366, Second Ring East Road, Lixia District, Jinan City, Shandong Province,
People's Republic of China ~72: Fuling Han~

2024/08865 ~ Complete ~54:PESTICIDAL BAIT COMPOSITION AND PROCESSES RELATED THERETO
~71:CORTEVA AGRISCIENCE LLC, 9330 Zionsville Road, Indianapolis, Indiana, 46268, United States of
America ~72: ADEGOKE AKINSOLA;IMRE MEZEI;JAQUELINE BUENO DE CAMPOS;KE MIN;LUIS ENRIQUE
GOMEZ;MARIO HENRIQUE DAL POGETTO;MELISSA MARIE WILLRICH SIEBERT;MOIRA ESSON;PABLO
VALVERDE;RAJEEV RANJAN SINHA;RAY BOUCHER;TIMOTHY M NOWATZKI~ 33:US ~31:63/346,350
~32:27/05/2022;33:US ~31:63/495,829 ~32:13/04/2023

2024/08874 ~ Complete ~54:HEAT ENGINE ~71:PROENVIROENERGY INC., 30 Black Maple Crescent, Canada
~72: FOROUZANFAR, Sepehr~ 33:US ~31:63/364,805 ~32:17/05/2022;33:US ~31:63/371,259
~32:12/08/2022

2024/08883 ~ Complete ~54:SMART AGRICULTURAL MONITORING DEVICE BASED ON 5G ~71:LIAONING
INSTITUTE OF SCIENCE AND TECHNOLOGY, NO. 176, XIANGHUI ROAD, People's Republic of China ~72:
DONG, Zhigui;LIU, Feng;YANG, Tianyi~

2024/08844 ~ Provisional ~54:RHOLOCK SOIL RETAINER BLOCK ~71:Bheka Mbonambi, 2556 Greenfield Ave, Quarry Heights, South Africa ~72: Bheka Mbonambi~

2024/08863 ~ Complete ~54:OPTIMISED SPHERICAL VECTOR QUANTISATION ~71:Orange, 111, quai du Président Roosevelt, ISSY-LES-MOULINEAUX 92130, FRANCE, France ~72: RAGOT, Stéphane;YAOUMI, Mohamed~ 33:EP ~31:21305987.6 ~32:15/07/2021

2024/08867 ~ Complete ~54:SYSTEMS AND METHODS FOR APPLYING LABELS TO FOOD PRODUCTS ~71:SINCLAIR SYSTEMS INTERNATIONAL, LLC., 3115 South Willow Avenue, Fresno, California, 93725, United States of America ~72: DAVID SOUTHWOOD;TIM MOORE~ 33:US ~31:63/351,873 ~32:14/06/2022

2024/08848 ~ Provisional ~54:CARBON FOOTPRINT ~71:Khothatso Octavia Nzmande, No.8 Wilson Manor Tropic Bird Kane Wilgeheuwel, South Africa ~72: Khothatso Octavia Nzmande~ 33:ZA ~31:1 ~32:01/06/2024

2024/08850 ~ Complete ~54:DEVICE FOR EFFECTIVELY CONTROLLING BIOCHEMICAL SLUDGE BULKING ~71:HENAN UNIVERSITY OF URBAN CONSTRUCTION, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: KANG Haiyan;LI Lei;LI Songya;LIU Biao;MAO Yanli;WANG Le;WANG Linpei;WU Junfeng;YANG Menghan;ZHAO Yanping~

2024/08852 ~ Complete ~54:METHOD FOR COLLECTING MACHINE LEARNING DATA USING A VEHICLE FOR COLLECTING DATA ~71:VOLKOV Artem Maksimovich, sh. Otkrytoye, d. 14D, kv. 254, Moscow, 107370, Russian Federation ~72: VOLKOV Artem Maksimovich~ 33:RU ~31:2024130471 ~32:10/10/2024

2024/08860 ~ Complete ~54:PIVOT CONTROL MECHANISM FOR A SHUTTER LOUVRE ~71:TRELLICOR (PTY) LTD, 20 Aberdare Drive, Phoenix Industrial Park, South Africa ~72: CAMPBELL, Timothy~

2024/08868 ~ Complete ~54:REDUCED PALM KERNEL RELIANT WASH COMPOSITION ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: MINGJUN YUAN;TIRUCHERAI VARAHAN VASUDEVAN~ 33:US ~31:63/357,362 ~32:30/06/2022;33:EP ~31:22194211.3 ~32:06/09/2022

2024/08851 ~ Complete ~54:A METHOD FOR RAPIDLY IDENTIFYING FRUIT STORABILITY OF RED FLESH APPLE AND SPECIFIC PRIMER PAIRS USED THEREOF ~71:Shandong Agricultural University, No.61 Daizong Street, Tai'an City, Shandong Province, 271000, People's Republic of China ~72: Cong CHEN;Jing ZHANG;Nan WANG;Qi ZOU;Sumin QI;Wenjun LIU;Xinyue ZHOU;Xuesen CHEN;Ziyi YANG;Zongying ZHANG~

2024/08861 ~ Complete ~54:AN ELECTRONIC COMMUNICATION TERMINAL ~71:Zhejiang College of Construction, Xiaoshan Higher Education Park, Hangzhou, Zhejiang Province, 311231, People's Republic of China ~72: Cheng Wenjuan;Lu Canyu;Lu Xiaoli;Pan Chenglong;Wang Kun;Wang Yin;Wang Zicheng;Zhang Jinyun~

2024/08872 ~ Complete ~54:METHOD AND DEVICE FOR PRODUCING DIRECT REDUCED METAL ~71:GREENIRON H2 AB, Convendum, Sweden ~72: MURRAY, Hans~ 33:SE ~31:2250610-9 ~32:20/05/2022

2024/08846 ~ Provisional ~54:PIE BUDDY ~71:Roy Edward Schoeman, 9 Palm Crescent, South Africa ~72: Roy Schoeman~

2024/08858 ~ Complete ~54:METHOD FOR INCREASING GERMINATION RATE OF CORN SEEDS UNDER SALT STRESS ~71:Jiangsu Vocational College of Agriculture and Forestry, No. 19 Wenchang East Road, Jurong City, Zhenjiang City, Jiangsu Province, 212499, People's Republic of China ~72: GE, Cheng;LI, Gang;LI, Min;LI, Xijie;SHI, Peihua;TAN, Xiaoyu;TANG, Yuqi;XU, Jinnuo;YIN, Congfei;ZHAO, Yanling~

2024/08876 ~ Complete ~54:DR5 AGONIST AND IAP ANTAGONIST COMBINATION THERAPY ~71:Inhibrx Biosciences, Inc., 11025 N. Torrey Pines Road, Suite 140, LA JOLLA 92037, CA, USA, United States of America ~72: CRAGO, William;ECKELMAN, Brendan P.;HOLCOMB, Monica;WILLIS, Katelyn M.~ 33:US ~31:63/344,675 ~32:23/05/2022;33:US ~31:63/494,276 ~32:05/04/2023

2024/08855 ~ Complete ~54:SYSTEM AND METHOD FOR DIRECTLY FILLING OLD EMPTY ROADWAY BY USING ROADWAY-DIGGING COAL BODY ~71:CHINA UNIVERSITY MINING AND TECHNOLOGY-BEIJING, No. Ding-11 Xueyuan Road, Haidian District, Beijing, 100083, People's Republic of China ~72: CHANG, Jingchen;CHEN, Dongdong;PAN, Hao;SUN, Hao;TIAN, Chunyang;WANG, Zhigen;XIE, Shengrong;YANG, Junhui;ZHANG, Zhixuan;ZHU, Lei~ 33:NG ~31:F/PT/NC/2024/12399 ~32:16/05/2024

2024/08871 ~ Complete ~54:MACROENCAPSULATION DEVICES ~71:VERTEX PHARMACEUTICALS INCORPORATED, 50 Northern Avenue, Boston, Massachusetts, 02210, United States of America ~72: CHRISTOPHER THANOS;MATTHEW WATSON;MEGAN BILLINGS~ 33:US ~31:63/349,749 ~32:07/06/2022

2024/08869 ~ Complete ~54:DIRECT ELECTROCHEMICAL EXTRACTION OF LITHIUM FROM ORES ~71:THE PENN STATE RESEARCH FOUNDATION, 304 Old Main, University Park, Pennsylvania, 16802, United States of America ~72: FEIFEI SHI;HANRUI ZHANG~ 33:US ~31:63/364,850 ~32:17/05/2022

2024/08873 ~ Complete ~54:PERSONAL NOISEMAKER FAN DEVICES ~71:RIVERS, Dannie, P.O. Box 1113, Deerfield Beach, United States of America ~72: RIVERS, Dannie~ 33:US ~31:17/826,397 ~32:27/05/2022

- APPLIED ON 2024/11/22 -

2024/08885 ~ Complete ~54:ECOLOGICAL REGULATION SYSTEM FOR RICE PESTS USING BASIL AS NECTAR SOURCE PLANT ~71:Zhejiang Normal University, No. 688 Yingbin Avenue, Jinhua City, Zhejiang Province 321004, People's Republic of China ~72: JIN, Zhixi;LIN, Yiwen;XU, Hongxing;YANG, Yiting;YAO, Xiaoming;ZHAI, Xinyi;ZHU, Pingyang~

2024/08886 ~ Complete ~54:NITROAROMATIC COMPOUND AND ENCLOSURE SENSOR ~71:AFRICA NEW ENERGIES LIMITED, 276 Ewell Road, United Kingdom ~72: AMAAR, Akasha;KHAN, Saad Saleem;LARKIN, Stephen;OMAR, Muhammad;RAW, Brendon;TAHA, Muhammad~

2024/08896 ~ Complete ~54:COMPOSITIONS AND METHODS FOR THE TARGETING OF PCSK9 ~71:SCRIBE THERAPEUTICS INC., 1150 Marina Village Parkway, United States of America ~72: CHARLES, Emeric Jean Marius;DEMAREE, Benjamin;DENNY, Sarah;FERNANDES, Jason;HIGGINS, Sean;MOHR, Manuel;OAKES, Benjamin;WHITE, Ross;WRIGHT, Addison;ZHOU, Wenyan~ 33:US ~31:63/349,981 ~32:07/06/2022;33:US ~31:63/492,923 ~32:29/03/2023;33:US ~31:63/505,823 ~32:02/06/2023

2024/08900 ~ Complete ~54:NEW DERIVATIVES FOR TREATING TRPM3 MEDIATED DISORDERS ~71:Biohaven Therapeutics Ltd., Ritter House, P.O. Box 173, ROAD TOWN VG 1110, TORTOLA, VIRGIN ISLANDS (BRITISH), Virgin Islands (British);Katholieke Universiteit Leuven, Katholieke Universiteit Leuven, K.U.Leuven R&D, Waaistraat 6, LEUVEN 3000, BELGIUM, Belgium ~72: CHALTIN, Patrick;KILONDA, Amuri;KRÜGER, Sebastian;MARCHAND, Arnaud;REICH, Melanie;VANHERCK, Jean-Christophe;VOETS, Thomas;VRIENS, Joris~ 33:EP ~31:22175516.8 ~32:25/05/2022

2024/08901 ~ Complete ~54:LASOFOXIFENE COMBINATION TREATMENT OF ER+ BREAST CANCER THAT HAS PROGRESSED ON A CDK4/6 INHIBITOR ~71:Eli Lilly and Company, Lilly Corporate Center, INDIANAPOLIS 46285, IN, USA, United States of America;Sermonix Pharmaceuticals, Inc., 250 East Broad Street, Suite 250, COLUMBUS 43215, OH, USA, United States of America ~72: JENKINS, Simon;PLOURDE, Paul;PORTMAN, David J.~ 33:US ~31:63/345,843 ~32:25/05/2022;33:US ~31:63/411,633

~32:30/09/2022;33:US ~31:63/426,737 ~32:19/11/2022;33:US ~31:63/430,194 ~32:05/12/2022;33:US
~31:63/446,760 ~32:17/02/2023

2024/08902 ~ Complete ~54:AUTOMOTIVE VEHICLE WITH PRESS HARDENED VISIBLE STEEL PARTS
~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: Eric JACQUESON;Guillaume
PLANCHON;Jean-Michel MATAIGNE;Larissa AGRIZZI RONQUETI;Marine KIEFFER~ 33:IB
~31:PCT/IB2022/056973 ~32:28/07/2022

2024/08903 ~ Complete ~54:DIHYDROOXADIAZINONE COMPOUND AND PHARMACEUTICAL USE
THEREOF ~71:JAPAN TOBACCO INC., 1-1, Toranomom 4-chome, Minato-ku, Tokyo, 105-6927, Japan ~72:
KATSUYA MAEDA;KAZUKI OTAKE;KENTARO SAKURAI;MAKOTO TORIZUKA;MASAHIRO YOKOTA;TAKU
IKENOGAMI;TETSUDO KAYA;YASUAKI NAKAYAMA~ 33:JP ~31:2022-097544 ~32:16/06/2022

2024/08908 ~ Complete ~54:METHOD AND SYSTEM FOR THE UNEQUIVOCAL CHARACTERIZATION OF A
PRODUCT BY MEANS OF AN INTELLIGENT PAINT ~71:NATIVE DIGITAL S.A., Via Industria 9, Switzerland
~72: BIONDI, Andrea;BIONDI, Davide~ 33:IT ~31:102022000012245 ~32:09/06/2022

2024/08909 ~ Complete ~54:HIGH-TEMPERATURE WATER SOURCE HEAT PUMP UNIT FOR RECOVERING
WASTE HEAT FROM HIGH-TEMPERATURE WASTEWATER ~71:SHANDONG ZKNKT ARTIFICIAL
ENVIRONMENT CO., LTD., No. 4999 Changjiang East Road, Development Zone, Heze, Shandong, 274400,
People's Republic of China ~72: YUAN, Qihe;ZHANG, Caixia;ZHANG, Chuntian;ZHANG, Chunyu;ZHANG, Teng~

2024/08893 ~ Complete ~54:MAGNETIC LEVITATION CENTRIFUGAL PUMP ~71:ROCKETHEART
TECHNOLOGY CO., LTD, No. 80 Haiyun Street, TEDA Binhai New Area, People's Republic of China ~72: DAI,
Ying;FAN, Qinglin;HAN, Zhifu;JING, Pengfei;SONG, Guogang;WU, Wenjin;ZHANG, Xuman~ 33:CN
~31:202210565543.2 ~32:23/05/2022

2024/08897 ~ Complete ~54:DOSAGE REGIMENS FOR TREATMENT WITH DEUTERATED JAK INHIBITORS
~71:SUN PHARMACEUTICAL INDUSTRIES, INC., 2 Independence Way, United States of America ~72:
CASSELLA, James V.~ 33:US ~31:63/338,320 ~32:04/05/2022

2024/08899 ~ Complete ~54:ALL-TERRAIN SOLAR TRACTOR VEHICLE HAVING INTERCHANGEABLE
MODULES ~71:Softcar SA, Passage du Cardinal 1, FRIBOURG 1700, SWITZERLAND, Switzerland ~72:
CHOMAT, Timothée;CROZIER, Etienne;HEISEL, Guillaume;THULIEZ, Jean-Luc~ 33:IB ~31:2022/054919
~32:25/05/2022

2024/08907 ~ Complete ~54:LUBRICANT COMPOSITIONS AND METHODS OF DRY LUBRICATING
SURFACE USING THE SAME ~71:DIVERSEY, INC., 1300 Altura Road, Suite 125, Fort Mill, South Carolina,
29708, United States of America ~72: KEDAR CHAUDHARI;PRATIK HANDE;PRIYA SATISH SINGH;UDAY
CHAUDHARI~ 33:IN ~31:202211024001 ~32:23/04/2022;33:IN ~31:202211024001 ~32:20/04/2023

2024/08881 ~ Provisional ~54:ELECTRONIC PAYMENT SYSTEM AND METHOD ~71:LSM FINANCIAL
SERVICES (PTY) LTD., 7473 Lekunuthu Street, PHUTHADITJHABA 9866, Free State, SOUTH AFRICA, South
Africa ~72: MAVUMA, Mduduzi;MOTAUNG, Lebohang~

2024/08884 ~ Complete ~54:WATER IMPURITY-REMOVAL WATER-SAVING PURIFICATION DEVICE
~71:Institute of Water Resources for Pastoral Area, MWR, No. 128, Daxue East Street, Saihan District, Hohhot
City, Inner Mongolia Autonomous Region, 010020, People's Republic of China ~72: CHEN, Xiaojun;GAO,
Weizheng;LIU, Wei;MA, Hongli;MIAO, Ping;WANG, Wenjun;WU, Yingjie;XU, Kairan;YIN, Hang;YOU,
Songhua;ZHANG, Weijie;ZHAO, Qian;ZHOU, Quancheng;ZHOU, Yajun~

2024/08892 ~ Complete ~54:RECOMBINANT EXPRESSION OF MYELOID-DERIVED GROWTH FACTOR ~71:BOEHRINGER INGELHEIM INTERNATIONAL GMBH, Binger Strasse 173, Germany ~72: BERKEMEYER, Matthias;GUPTA, Priyanka;KORF-KLINGEBIEL, Mortimer;PEKCEC, Anton;REED, Jon;WALTHER, Cornelia;WOLLERT, Kai Christoph~ 33:US ~31:63/348,872 ~32:03/06/2022;33:US ~31:63/350,317 ~32:08/06/2022

2024/08879 ~ Provisional ~54:4G SMART DRONE BUILT-IN ELECTRONIC SIM CARD FOR LARGER DISTANCES AND BUILT-IN CAMERAS AND LOUDSPEAKER AND MICROPHONE AND MAPPING AFTER IT IS CONNECTED TO THE SMART MOBILE PHONE APP ~71:AHMED WASEEF SAIB, 24 park avenue desainagar, South Africa ~72: AHMED WASEEF SAIB~

2024/08880 ~ Provisional ~54:AN AI-BASED CAREER ADVISOR FOR SOUTH AFRICAN HIGH SCHOOL STUDENTS ~71:lpfi Mavhidule, VISAGIE STREET, THABO SEHUME STREET, South Africa;Khanyisile Sbongile Mthembu, VISAGIE STREET, THABO SEHUME STREET, South Africa;Siyabonga Mthembu, VISAGIE STREET, THABO SEHUME STREET, South Africa ~72: lpfi Mavhidule;Khanyisile Sbongile Mthembu;Siyabonga Mthembu~ 33:ZA ~31:2024/200306 ~32:21/11/2024

2024/08887 ~ Complete ~54:METHOD FOR CONSTRUCTING SPATIAL SAMPLE OF DIRECT ECONOMIC LOSS OF TYPHOON FLOOD DISASTER ~71:China Institute of Water Resources and Hydropower Research, 20, Chegongzhuang West Road, Haidian District, Beijing, 100038, People's Republic of China ~72: Akiyuki Kawasaki;CUI Shiai;Elhadi Adam;JIANG Wei;LONG Tengfei;PANG Zhiguo;SHANG Yizi;SONG Wenlong;WANG Yanyun;YAN Denghua~

2024/08888 ~ Complete ~54:MULTI-SCENE COLD WAVE PREVENTION AND HEAT PRESERVATION DEVICE FOR FRUIT TREES ~71:Shaanxi Yumei Agriculture Co., Ltd, Room 1104, Chuangye Workshop, Building 8, Shuiyun East Road, Yangling Demonstration Zone, Xianyang City, Shaanxi Province, People's Republic of China;Shandong Agriculture And Engineering University, 866 Nongganyuan Road, Licheng District, Ji'nan City, Shandong Province, People's Republic of China ~72: DOU Quanjin;FAN Shuanshe;FANG Zhe;JIANG Hao;LI Zhun;LIU Gaoling;LIU Jianxu;LIU Jin;SUN Xiaoming;WANG Wanying;ZHANG Guangteng~ 33:CN ~31:202411563817X ~32:04/11/2024

2024/08891 ~ Complete ~54:CONVERSION OF POLYURETHANE IN A TAPERED REACTOR ~71:NEVEON GERMANY GMBH, Hagenauer Str. 42, Germany ~72: AJARROUD, Asmaa;BETTINGER, Herbert~ 33:DE ~31:10 2022 113 374.5 ~32:26/05/2022

2024/08905 ~ Complete ~54:MACROLIDE SENOLYTIC COMPOUNDS ~71:LUNELLA BIOTECH, INC., 145 Richmond Road, Ottawa, Ontario, K1Z 1A1, Canada ~72: BÉLA OZSVARI;FEDERICA SOTGIA;JUSSI KANGASMETSÁ;MICHAEL P LISANTI~ 33:US ~31:63/347,826 ~32:01/06/2022

2024/08906 ~ Complete ~54:USES OF DEODORANT COMPOSITIONS FOR REDUCING MALODOUR ON CLOTHING ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: ANITA CHOPRA;GERALDINE BRIDGET GRIFFITH;KATHERINE ELIZABETH HADLEY;MONIQUE ALDEGONDA MARIA SMEETS~ 33:EP ~31:22178400.2 ~32:10/06/2022

2024/08894 ~ Complete ~54:MAGNETIC SUSPENSION TYPE CENTRIFUGAL PUMP ~71:ROCKETHEART TECHNOLOGY CO. LTD, No. 80 Haiyun Street, TEDA Binhai New Area, People's Republic of China ~72: DAI, Ying;FAN, Qinglin;HAN, Zhifu;JING, Pengfei;SONG, Guogang;WU, Wenjin;ZHANG, Xuman~ 33:CN ~31:202210565532.4 ~32:23/05/2022

2024/08895 ~ Complete ~54:LIBS SYSTEM BASED ON DUAL-MODE SPECTRAL ACQUISITION ~71:BGRIMM MTC TECHNOLOGY CO., LTD., A708 AND A701 ,1 BUILDING NO.22 BEIXING ROAD DAXING DISTRICT,

People's Republic of China ~72: FANG, Shengnan;FENG, Xianjin;HAN, Pengcheng;LI, Huachang;OU, Zhibing;SHI, Yehong;SUN, Jialiang;WANG, Xuan;XIA, Jingyuan;XIAO, Shan;XU, Bicong;YANG, Fei;ZHAO, Zhen~ 33:CN ~31:2023116169165 ~32:29/11/2023

2024/08898 ~ Complete ~54:METHOD FOR PREPARING STEAMED FLOUR-BASED PRODUCTS BY USING A THERMOSTABLE GLUCOAMYLASE ~71:Novozymes A/S, Krogshoejvej 36, BAGSVAERD 2880, DENMARK, Denmark ~72: HUANG, Liyan;WANG, Yazhen;XU, Qing~ 33:IB ~31:2022/088680 ~32:24/04/2022

2024/08904 ~ Complete ~54:METHODS FOR TREATING POMPE DISEASE ~71:AMICUS THERAPEUTICS, INC., 3675 Market Street, Philadelphia, Pennsylvania, 19104, United States of America ~72: JAY BARTH;JEFF CASTELLI;SHEELA SITARAMAN DAS~ 33:US ~31:63/338,601 ~32:05/05/2022;33:US ~31:63/399,491 ~32:19/08/2022;33:US ~31:63/399,498 ~32:19/08/2022;33:US ~31:63/404,475 ~32:07/09/2022;33:US ~31:63/414,897 ~32:10/10/2022;33:US ~31:63/428,970 ~32:30/11/2022;33:US ~31:63/431,920 ~32:12/12/2022;33:US ~31:63/434,791 ~32:22/12/2022;33:US ~31:63/447,222 ~32:21/02/2023

2024/08910 ~ Complete ~54:PHARMACEUTICAL COMPOSITION COMPRISING A CAP-DEPENDENT ENDONUCLEASE INHIBITOR ~71:TAIGEN BIOPHARMACEUTICALS CO. (BEIJING), LTD., Suite 2312, A Tower, Full Link Building, No. 18, People's Republic of China;TAIGEN BIOTECHNOLOGY CO., LTD., 7F., No.138 Xinming Rd., Taiwan (R.O.C) ~72: CHEN, Wei-Tsung;HONG, Chung-Shu~ 33:US ~31:63/355,742 ~32:27/06/2022

2024/08882 ~ Provisional ~54:OVERHEAD ELECTRICAL LINE PROTECTION SYSTEM ~71:Radio Surveillance Technologies (Pty) Ltd, Accfin House, 17 Scott Street, South Africa ~72: NARAINSAMY, Selvanathan~

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

Application Number	Assignor	Assignee
2021/02870	I-MAB BIOPHARMA CO., LTD	I-MAB BIOPHARMA US LIMITED
2023/08029	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	DICERNA PHARMACEUTICALS, INC.
2019/00295	PROTZEK GESELLSCHAFT FUR BIOMEDIZINISCHE TECHNIK GMBH	GREENCHECK BIOTECH AG
2021/07488	MOLTENI THERAPEUTICS S.R.L.	L. MOLteni & C. DEI FRATELLI ALITTI – SOCIETA' DI ESERCIZIO – S.P.A.
2024/00909	LASKAVY, VLADISLAV NIKOLAEVICH	OJSC BIODKOD LIMITED
2015/01204	KONGJU NATIONAL UNIVERSITY INDUSTRY-UNIVERSITY COOPERATION FOUNDATION	KIM, JIN-MAN
2017/00918	ASTELLAS PHARMA INC.	MACH5 THERAPEUTICS, INC.
2023/07089	ZHENGZHOU UNIVERSITY OF INDUSTRIAL TECHNOLOGY	HENAN XINMUDE NEW MATERIAL TECHNOLOGY CO., LTD.
2023/08256	ZHENGZHOU UNIVERSITY OF INDUSTRIAL TECHNOLOGY	HENAN XINMUDE NEW MATERIAL TECHNOLOGY CO., LTD.
2023/08811	ZHENGZHOU UNIVERSITY OF INDUSTRIAL TECHNOLOGY	ZHENGZHOU YILE TECHNOLOGY CO., LTD.
2021/05860	ZHU, FENGTANG	HEILONGJIANG SHENGE PHARMACEUTICAL CO., LTD.
2023/07088	ZHENGZHOU UNIVERSITY OF INDUSTRIAL TECHNOLOGY	ZHENGZHOU YILE TECHNOLOGY CO., LTD.

Application Number	Assignor	Assignee
2024/01552	INDUSTRIE DE NORA S.P.A.	VIERING, JENTSCHURA & PARTNER MBB PATENT UND RECHTSANWALTE
2023/08892	ZHENGZHOU UNIVERSITY OF INDUSTRIAL TECHNOLOGY	ZHENGZHOU YILE TECHNOLOGY CO., LTD.
2016/01887	INSPIRED DESIGNS LIMITED	WEDGIT INTERNATIONAL B.V.
2018/03682	INSPIRED DESIGNS LIMITED	WEDGIT INTERNATIONAL B.V.
2022/04522	KERRY LUXEMBOURG S.A.R.L.	KERRY GROUP SERVICES INTERNATIONAL LIMITED
2023/08257	ZHENGZHOU UNIVERSITY OF INDUSTRIAL TECHNOLOGY	HENAN XINMUDE NEW MATERIAL TECHNOLOGY CO., LTD.
2023/06545	HUNAN OGU BIOTECHNOLOGY CO., LTD.	SUPEROXYGEN ERA (SHENZHEN) BIOTECHNOLOGY CO., LTD.
2023/03816	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD. MEDSHINE DISCOVERY INC.	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
2024/03518	ANDRIES PETRUS CRONJE FOURIE	POYNTING ANTENNAS (PROPRIETARY) LIMITED
2024/06938	ANDRIES PETRUS CRONJE FOURIE	POYNTING ANTENNAS (PROPRIETARY) LIMITED
2024/00542	ZENO MANAGEMENT, INC.	IMMUNOME, INC.
2022/06385	PFIZER R&D UK LIMITED	PFIZER INC.
2023/10014	OD THERAPEUTICS LIMITED	AJ SCIENCES (YIXING) CO., LTD
2022/04162	OD THERAPEUTICS LIMITED	AJ SCIENCES (YIXING) CO., LTD
2014/06216	MEDICAGO INC.	ARAMIS BIOTECHNOLOGIES INC.
2021/08048	MORPHOSYS AG	INCYTE CORPORATION
2022/04741	MORPHOSYS AG	INCYTE CORPORATION
2022/04814	MORPHOSYS AG	INCYTE CORPORATION
2008/04267	FLSMIDTH PFISTER GMBH	FLSMIDTH A/S
2008/04267	FLSMIDTH A/S	FLSMIDTH CEMENT A/S
2008/07226	FLSMIDTH A/S	FLSMIDTH CEMENT A/S
2023/09877	KINNATE BIOPHARMA INC.	PIERRE FABRE MEDICAMENT
2023/09879	KINNATE BIOPHARMA INC.	PIERRE FABRE MEDICAMENT
2022/04284	KINNATE BIOPHARMA INC.	PIERRE FABRE MEDICAMENT
2018/03365	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2023/07868	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2018/01100	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2020/02752	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2023/07869	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2023/04658	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2017/01076	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2018/06700	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2015/02648	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2024/01496	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2024/01496	BOART LONGYEAR COMPANY	VERACIO LTD.
2024/00900	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2021/03673	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2021/08262	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2018/03505	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2023/07529	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2023/07529	BOART LONGYEAR COMPANY	VERACIO LTD.

Application Number	Assignor	Assignee
2023/01704	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2023/01704	BOART LONGYEAR COMPANY	VERACIO LTD.
2019/04619	I-MAB BIOPHARMA CO., LTD.	I-MAB BIOPHARMA US LIMITED
2021/03174	I-MAB BIOPHARMA CO., LTD.	I-MAB BIOPHARMA US LIMITED
2022/01025	RIBON THERAPEUTICS INC.	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2023/06366	HELSINN HEALTHCARE SA	TAIHO PHARMACEUTICAL CO., LTD.
2023/05475	HELSINN HEALTHCARE SA	TAIHO PHARMACEUTICAL CO., LTD.
2019/00778	FG INNOVATION COMPANY	SHARP KABUSHIKI KAISHA
2019/06729	ENCOLNVEST INTERNATIONAL, S.L. and IGNACIO MORILLAS GOMEZ	13EST GREEN S.L.
2022/00800	SHENZHEN YONGCHANG HEZE MANAGEMENT CONSULTING PARTNERSHIP (LIMITED PARTNERSHIP)	SHENZHEN YONGCHANGHE TECHNOLOGY CO., LTD.
2016/03125	CONSTRUCTION TOOLS PC AB	EPIROC DRILING TOOLS AKTIENBOLAG
2012/03546	NOVARTIS AG	SEQIRUS UK LIMITED
2012/04004	NOVARTIS AG	SEQIRUS UK LIMITED
2014/06774	CONSTRUCTION TOOLS PC AB	EPIROC DRILING TOOLS AKTIENBOLAG
2014/01642	MITHRA R&D SA	ESTETRA SRL
2014/05133	CONSTRUCTION TOOLS PC AB	EPIROC DRILING TOOLS AKTIENBOLAG
2014/05132	CONSTRUCTION TOOLS PC AB	EPIROC DRILING TOOLS AKTIENBOLAG
2014/06775	CONSTRUCTION TOOLS PC AB	EPIROC DRILING TOOLS AKTIENBOLAG
2017/06842	MICHAEL MAGUIRE	THISCAP INC.
2014/05131	CONSTRUCTION TOOLS PC AB	EPIROC DRILING TOOLS AKTIENBOLAG
2022/00578	SHENZHEN YONGCHANG HEZE MANAGEMENT CONSULTING PARTNERSHIP (LIMITED PARTNERSHIP)	SHENZHEN YONGCHANGHE TECHNOLOGY CO., LTD.
2013/08446	MITHRA R&D SA	ESTETRA SRL
2013/08445	MITHRA R&D SA	ESTETRA SRL
2012/03865	NOVARTIS AG	SEQIRUS UK LIMITED
2022/04162	OD THERAPEUTICS LIMITED	AJ SCIENCES (YIXING) CO., LTD
2019/03383	CDE GLOBAL LTD	CDE ASIA LIMITED
2021/10250	SHENZHEN YONGCHANG HEZE MANAGEMENT CONSULTING PARTNERSHIP (LIMITED PARTNERSHIP)	SHENZHEN YONGCHANGHE TECHNOLOGY CO., LTD.
2020/06638	RA CHEM PHARMA LIMITED	COHANCE LIFESCIENCES LIMITED
2018/07790	SNAKEPHARM ENTERPRISES, LLC	SNAKE PHARM SA
2018/07790	SNAKE PHARM SA	SNAKE PHARM HOLDINGS (PTY) LTD
2021/07372	LONGYEAR TM, INC.	BOART LONGYEAR COMPANY
2022/13773	DAYTON THERAPEUTICS AG	PHARMA & SCHWEIZ GMBH

CHANGE OF NAME IN TERMS OF REGULATION 39

Application Number	In the name of	New name
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Application Number	In the name of	New name
2010/01452	ARCELORMITTAL-STAINLESS - & NICKEL ALLOYS	APERAM ALLOYS IMPHY (SOCIETE ANONYME)
2010/01452	APERAM ALLOYS IMPHY (SOCIETE ANONYME)	APERAM ALLOYS IMPHY (SOCIETE PAR ACTIONS SIMPLIFEE)
2010/04418	ARCELORMITTAL-STAINLESS - & NICKEL ALLOYS	APERAM ALLOYS IMPHY (SOCIETE ANONYME)
2010/04418	APERAM ALLOYS IMPHY (SOCIETE ANONYME)	APERAM ALLOYS IMPHY (SOCIETE PAR ACTIONS SIMPLIFEE)
2010/03986	ARCELORMITTAL-STAINLESS - & NICKEL ALLOYS	APERAM ALLOYS IMPHY (SOCIETE ANONYME)
2010/03986	APERAM ALLOYS IMPHY (SOCIETE ANONYME)	APERAM ALLOYS IMPHY (SOCIETE PAR ACTIONS SIMPLIFEE)
2018/05337	FORTY SEVEN, INC.	FORTY SEVEN, LLC
2017/01225	SES-IMAGOTAG GMBH	VUSIONGROUP GMBH
2016/05314	SES-IMAGOTAG GMBH	VUSIONGROUP GMBH
2021/03912	BIOMEA FUSION, LLC	BIOMEA FUSION, INC.
2006/10234	ENGELHARD CORPORATION	BASF CATALYSTS LLC
2020/07664	GWA HYGIENE GMBH	HYPROS GMBH
2018/03482	EAGLERAIL CONTAINER LOGISTICS INC.	EAGLERAIL CONTAINER LOGISTICS LLC
2018/03481	EAGLERAIL CONTAINER LOGISTICS INC.	EAGLERAIL CONTAINER LOGISTICS LLC
2019/01787	P-D REFRACTORIES GMBH	RHI MAGNESITA BOCHUM GMBH
2019/08279	PULMOPHARMA IVS	PULMOPHARMA APS
2008/04267	PFISTER GMBH	FLSMIDTH PFISTER GMBH
2007/05426	JIBBITZ LLC	JIBBITZ INC.

PATENT LICENSES IN TERMS OF SECTION 60-REGULATIONS 58-60 AND 64

No records available

PATENT APPLICATIONS ABANDONED OR WITHDRAWN

Application Number	Not Open	Date
2021/05299	WITHDRAWN	28/10/2024
2021/08351	WITHDRAWN	11/11/2024
2022/11230	WITHDRAWN	19/09/2024
2023/10259	WITHDRAWN	05/11/2024
2023/04888	WITHDRAWN	17/10/2024
2021/06866	WITHDRAWN	06/11/2024
2023/04887	WITHDRAWN	17/10/2024

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

THE PATENTS ACT, No. 57 OF 1978

Notice is hereby given that **ORBAN, Tihamer, JALAHEJ, Heyam, DAUBENEY, Nara and DAUBENEY, Piers** whose address for service is **ADAMS & ADAMS, PRETORIA** has applied to the registrar for the restoration of Patent No **2016/06836** entitled **IMMUNOMODULATORY THERAPY FOR TYPE 1 DIABETES MELLITUS AUTOIMMUNITY** dated **20/02/2015**, which lapsed on **20/02/2023** owing to the non-payment of the prescribed renewal fee.

Any person may oppose the restoration of the patent by lodging form P19 within two months of the date of this advertisement.

Notice is hereby given that **Edward KNOWLES** whose address for service is **ADAMS & ADAMS, PRETORIA** has applied to the registrar for the restoration of Patent No **2019/03792** entitled **A SWIVEL JOINT FOR A POLE** dated **12/06/2019**, which lapsed on **12/06/2022** owing to the non-payment of the prescribed renewal fee.

Any person may oppose the restoration of the patent by lodging form P19 within two months of the date of this advertisement.

Notice is hereby given that **SK TELECOM CO., LTD and INNOSKY** whose address for service is **SPOOR & FISHER, CENTURION** has applied to the registrar for the restoration of Patent No **2019/01397** entitled **METHOD AND APPARATUS FOR CONTROLLING SEMI-PERSISTENT SCHEDULING**, dated **09/08/2017**, which lapsed on **28/02/2023** owing to the non-payment of the prescribed renewal fee.

Any person may oppose the restoration of the patent by lodging form P19 within two months of the date of this advertisement.

Notice is hereby given that **ENDO ARRIAGADA Alvaro Enrique**, whose address for service is **GALGUT & GALGUT, JOHANNESBURG** has applied to the registrar for the restoration of Patent No **2018/03357** entitled **DEVICE FOR PREVENTING SPILLS FROM INSIDE MINING MILLS, SAID DEVICE MAINTAINING A SEAL AROUND BOLTS USED TO SECURE MILL LINERS, AND MAINTAINING SAID BOLTS UNDER TENSION BY MEANS OF AN ELASTIC ACTION**, dated **30/08/2016**, which lapsed on **30/08/2020** owing to the non-payment of the prescribed renewal fee.

Any person may oppose the restoration of the patent by lodging form P19 within two months of the date of this advertisement.

THE PATENTS ACT, No. 57 OF 1978

VOLUNTARY SURRENDER OF A PATENT UNDER SECTION 64 (1), REGULATION 67 OF THE ACT

No records available

APPLICATIONS TO AMEND SPECIFICATION

THE PATENTS ACT, 1978

APPLICATIONS TO AMEND SPECIFICATION

Applicant: OXFORD DRUG DESIGN LIMITED of **THE WALBROOK BUILDING, 25 WALBROOK, LONDON, EC4N 8AF, UNITED KINGDOM.** Request permission to amend the specification of letters patent no: **2022/06272** of **6 JUNE 2022** for **2-AMINO-N-(AMINO-OXO-ARYL-LAMBDA6-SULFANYLIDENE) ACETAMIDE COMPOUNDS AND THEIR THERAPEUTIC USE**

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 closed at the Patent Office within 2 months from the date hereof.

Registrar of Patents

Applicant: NAVIN SAXENA RESEARCH & TECHNOLOGY PVT. LTD. of **58-D, GOVERNMENT INDUSTRIAL ESTATE, CHARKOP, KANDIVALI (WEST), MUMBAI, MAHARASHTRA, 400 067, INDIA.** Request permission to amend the specification of letters patent no: **2023/05009** of **5 MAY 2023** for **PROCESS FOR PREPARATION OF PURE NALTREXONE DECANOATE, ITS SALTS, COMPOSITION AND METHOD OF USE 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 closed at the Patent Office within 2 months from the date hereof.

Registrar of Patents

Applicant: 1) RELBORGN PTY LTD 2). TRIOMVIRI PTY LTD. of **1).C/O STIRLING PARTNERS, 278 STIRLING HIGHWAY, CLAREMONT, WESTERN AUSTRALIA, 6010, AUSTRALIA 2). C/O STIRLING PARTNERS 278 STIRLING HIGHWAY, CLAREMONT, WESTERN AUSTRALIA, 6010, AUSTRALIA.** Request permission to amend the specification of letters patent no: **2017/04889** of **18 JULY 2017** for **METHODS OF LIMITING PERMEABILITY OF A MATRIX TO LIMIT LIQUID AND/OR GAS INFLOW**

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 closed at the Patent Office within 2 months from the date hereof.

Registrar of Patents

Applicant: TIP AGRI (PTY) LIMITED **25 Dan Pienaar Road, Kloof, Durban, Kwa-Zulu Natal 3610.** Request permission to amend the specification of letters of patent no: **2017/07517** of **07/11/2017** for **PLANT TREATMENT.** 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 closed at the Patent Office within 2 months from the date hereof

Applicant: COCHRANE STEEL PRODUCTS (PTY) LIMITED 125 Fitter Road, Spartan 1619 Kempton Park. Request permission to amend the specification of letters patent no: **2020/01239** of **27/02/2020** for **FENCE PANEL.**

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 closed at the Patent Office within 2 months from the date hereof.

Applicant: NOKIA TECHNOLOGIES OY KARAPORTTI 3, 02610 ESPOO, FINLAND. Request permission to amend the specification of letters patent no: **2017/01965** of **22/03/2017** for **AUDIO PARAMETER QUANTIZATION.**

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 closed at the Patent Office within 2 months from the date hereof.

Applicant: Syngenta Participations AG Schwarzwaldallee 215, BASEL 4058, SWITZERLAND. Request permission to amend the specification of letters no: **2019/03373** of **28/05/2019** for **ADJUVANTS.**

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 closed at the Patent Office within 2 months from the date hereof.

Applicant: Gideon PINTO 8A/14 Irus St. 4427809 Kefar Sava. Request permission to amend the specification of letters patent no: **2022/12444** of **15/11/2022** for **SELF CLEANING DEVICE AND METHOD FOR CONTINUOUS FILTRATION OF HIGH VISCOSITY FLUIDS.**

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 closed at the Patent Office within 2 months from the date hereof.

Applicant: Société des Produits Nestlé S.A. Avenue Nestlé 55, VEVEY CH-1800, SWITZERLAND. Request permission to amend the specification of letters patent no: **2021/02229** of **01/04/2021** for **CAPSULE FOR BEVERAGE PREPARATION WITH INTEGRALLY FORMED SEALING MEMBER.**

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 closed at the Patent Office within 2 months from the date hereof.

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**

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. **(43)** 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: 2006/04885. 22: 2006/06/13. 43: 2024/09/03

51: H01L

71: The University of North Carolina at Chapel Hill

72: DESIMONE, Joseph M., DENISON, Ginger M, EXNER, Ansley E, EULISS, Larken E, MAYNOR, Benjamin W, ROLLAND, Jason P., SAMULSKI, R Jude, SAMULSKI, Edward T

33: US 31: 60/531,531 32: 2003-12-19

54: METHODS FOR FABRICATING ISOLATED MICRO- AND NANO- STRUCTURES USING SOFT OR IMPRINT LITHOGRAPHY

00: -

A method of rollforming one-piece tubular doorbeams. The method includes the steps of drawing a continuous metal strip, creating cut-outs in

the edges of the strip at spaced locations, rollforming the strip into a tube so that the unindented edges engage one another, welding the engaged edges together, cutting the tube in the areas of the cut-outs to create pre-forms, and opening the ends of the pre-forms to create end brackets. Additional optional steps provide customization of the end brackets.

21: 2015/07958. 22: 2015/10/26. 43: 2024/09/16

51: A61K; A61P; C07D

71: Centrexion Therapeutics Corporation

72: GIOVANNINI, Riccardo, CUI, Yunhai, DOODS, Henri, FERRARA, Marco, JUST, Stefan, KUELZER,

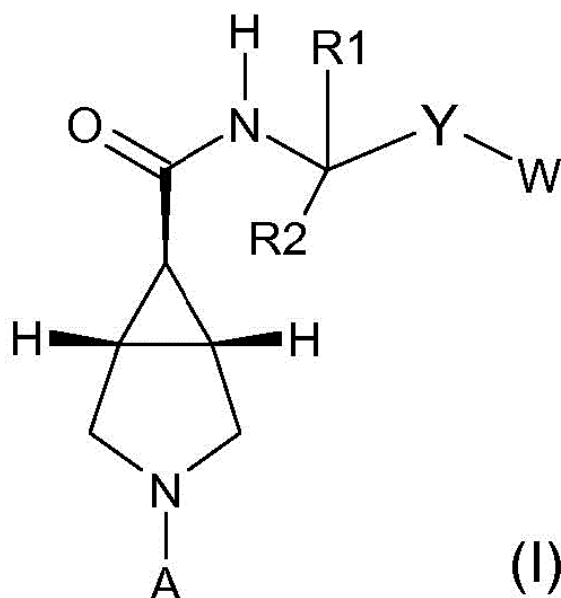
Raimund, LINGARD, Iain, MAZZAFERRO, Rocco, RUDOLF, Klaus

33: EP(DE) 31: 13168224.7 32: 2013-05-17

54: NEW SOMATOSTATIN RECEPTOR SUBTYPE 4 (SSTR4) AGONISTS

00: -

The invention relates to 3-aza-bicyclo[3.1.0]hexane-6-carboxylic acid amide derivatives of general formula (I), which are agonists of somatostatin receptor subtype 4 (SSTR4), useful for preventing or treating medical disorders related to SSTR4. In addition, the invention relates to processes for preparing pharmaceutical compositions as well as processes for manufacture of the compounds according to the invention.



21: 2016/03467. 22: 2016/05/20. 43: 2024/09/16

51: A61K; A61P; C07D

71: Bayer Pharma Aktiengesellschaft

72: BOTHE, Ulrich, SIEBENEICHER, Holger, SCHMIDT, Nicole, ROTGERI, Andrea, BÖMER, Ulf, RING, Sven, IRLBACHER, Horst, GÜNTHER, Judith, STEUBER, Holger, LANGE, Martin, SCHÄFER, Martina

33: EP(DE) 31: 13198463.5 32: 2013-12-19

54: NOVEL CARBOXAMIDES, METHOD FOR THE PRODUCTION THEREOF, PHARMACEUTICAL PREPARATIONS COMPRISING THEM, AND USE THEREOF FOR PRODUCING MEDICAMENTS

00: -

The invention relates to a novel 6-substituted indazoles with carboxamide side chains, method for

the production thereof, to the use thereof alone or in combinations for treating and/or the prophylaxis of diseases and to the use thereof for producing medicaments for treating and/or the prophylaxis of diseases, in particular for treating and/or the prophylaxis of endometriosis, preventing lymphomas, macular degeneration, COPD and psoriasis.

21: 2016/05715. 22: 2016/08/17. 43: 2024/08/27

51: A61K; C07D

71: Incyte Holdings Corporation

72: ZHANG, Fenglei, COURTER, Joel R., WU, Liangxing, HE, Chunhong, KONKOL, Leah C., QIAN, Ding-Quan, SHEN, Bo, YAO, Wenqing

33: US 31: 61/939,458 32: 2014-02-13

54: CYCLOPROPYLAMINES AS LSD1 INHIBITORS

00: -

The present invention is directed to cyclopropylamine derivatives which are LSD1 inhibitors useful in the treatment of diseases such as cancer.

21: 2016/06321. 22: 2016/09/13. 43: 2024/09/10

51: A61K; C07K; C12N

71: Bristol-Myers Squibb Company

72: MITCHELL, Tracy S., GOSSELIN, Michael L., LIPOVSEK, Dasa, PARKER, Rex, CAMPHAUSEN, Ray, DAVIS, Jonathan, FABRIZIO, David

33: US 31: 61/968,181 32: 2014-03-20

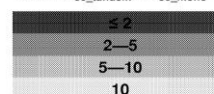
54: SERUM ALBUMIN-BINDING FIBRONECTIN TYPE III DOMAINS

00: -

The present invention relates to polypeptides which include tenth fibronectin type III domains (¹⁹Fn3) that binds to serum albumin, with south pole loop substitutions. The invention further relates to fusion molecules comprising a serum albumin-binding ¹⁹Fn3 joined to a heterologous protein for use in diagnostic and therapeutic applications.

Adnectin		2987_H07 (myo)		2013_E01 (PCSK9)	
PKE	HSA EC ₅₀ (nM)	X-PKE	PKE-X	X-PKE	PKE-X
1318_H04	5	31% (8/26)	0% (0/26)	31% (8/26)	X
2629_E06	20	30% (3/10)	80% (8/10)	90% (9/10)	80% (8/10)
2630_D02	9	20% (2/10)	60% (6/10)	50% (5/10)	80% (8/10)

HSA EC_{50_tandem}/EC_{50_mono}



X = tandems not made

21: 2016/06825. 22: 2016/10/05. 43: 2024/09/17

51: G01N
 71: Sandvik Mining and Construction Oy
 72: ANTTONEN, Pekka, VERHO, Samuli, PUURA, Jussi
 33: EP(FI) 31: 15190930.6 32: 2015-10-22

54: ROCK DRILLING RIG

00: -
 The invention relates to a rock drilling rig. The rock drilling rig (1) comprises a drilling unit (4) provided with hydraulically operated actuators such as an impact device (9), a rotation device (11) and a feed device (7). The impact device and the rotation device are connected to dedicated hydraulic circuits provided with dedicated supply and discharge lines and are controlled by means of dedicated control valves being on the carrier (2) of the rock drilling rig. The feed device is connected to a distributed hydraulic system wherein several actuators are connected to a common hydraulic circuit (CHC) provided with one common supply line (15) and one common discharge line (16) and are controlled by several distributed valves. The distributed valve of the feed device is located at the drilling unit.

21: 2016/07097. 22: 2016/10/14. 43: 2024/10/08

51: A61K
 71: TAKEDA PHARMACEUTICAL COMPANY LIMITED

72: DILUZIO, Willow, NGUYEN, PHUONG

33: US 31: 61/994,319 32: 2014-05-16

33: US 31: 62/043,636 32: 2014-08-29

33: EP 31: 14167405.1 32: 2014-05-07

54: LIQUID FORMULATION COMPRISING GM-CSF NEUTRALIZING COMPOUND

00: -
 The present invention relates to aqueous formulations comprising a compound neutralizing GM-CSF in concentrations of least 20 mg/ml, a tonicity modifier, a buffer and one or more of surfactants, amino acids, antioxidants and/or chelators, where in the composition is stable. The ingredients of the formulation preferably provide stability to the compound neutralizing GM-CSF in view of long-term storage. In a preferred aspect, the formulation is for use in therapy, preferably for use in the treatment of inflammatory and autoimmune disorders preferably including allergic and psoriatic disorders, as well as arthritic and asthmatic disorders.

21: 2017/04960. 22: 2017/07/20. 43: 2024/10/24

51: B01D; E03B

71: ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY

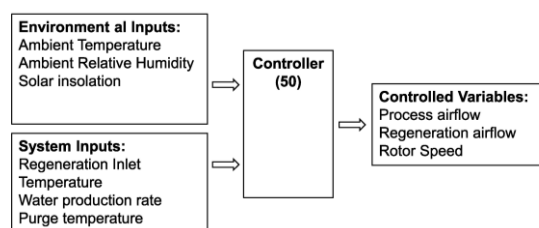
72: FRIESEN, Cody, SWITZER, Elise, LORZEL, Heath

33: US 31: 62/082,335 32: 2014-11-20

33: US 31: 62/145,995 32: 2015-04-10

54: SYSTEMS AND METHODS FOR GENERATING LIQUID WATER FROM AIR

00: -
 This disclosure includes systems and methods for extracting water vapor from atmospheric air and, more particularly, but not by way of limitation, systems and methods for optimizing liquid water production from air, in some instances, taking into account diurnal variations. The systems comprise an adsorption zone and a desorption zone, an actuator to move a desiccant between the adsorption zone and the desorption zone. The liquid water production is optimized based, at least in part, on measurements of one or more of: an ambient air temperature, ambient air relative humidity, and a level of solar insolation.



21: 2017/04970. 22: 2017/07/21. 43: 2024/11/05

51: G01D

71: EPIROC HOLDINGS SOUTH AFRICA (PTY) LTD

72: CROMPTON, Brendan Robert; PASTORINO, Paolo Ettore

33: ZA 31: 2016/05320 32: 2016-08-02

54: ROCK FACE MOVEMENT MONITOR

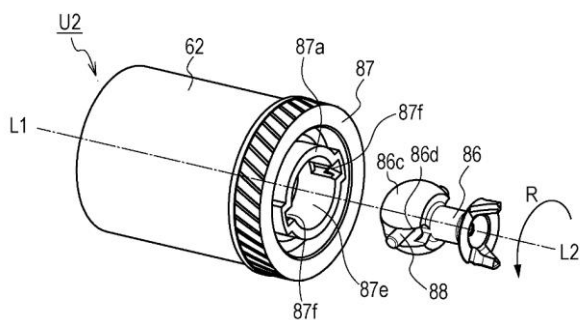
00: -
 The invention provides a rock face movement detector which includes an elongate member which extends between a first end and a second end, an anchoring mechanism for anchoring the member in a hole in a rock face on or attached to the first end of the member, a body on the member towards the second end which is axially moveable thereon relatively to the member, and which body includes an indicator formation which project laterally from the

body, a setting element which is engaged with and moveable along the member to limit movement of the body in a direction towards the second end and a concealing collar which is mounted on the body wherein the collar is adapted to engage with, and conceal, the indicator formation and break away from the body, when movement in the rock face reaches a predetermined limit, to expose the indicator formation.

21: 2017/05838. 22: 2017/08/28. 43: 2024/11/01
 51: F16D; G03G
 71: CANON KABUSHIKI KAISHA
 72: KAMOSHIDA, Shigemi, KIKUCHI, Ken, MIYAMOTO, Jun, MORI, Tomonori, ABE, Daisuke
 33: JP 31: 2015-047603 32: 2015-03-10
 33: JP 31: 2016-028430 32: 2016-02-17

54: DRUM CYLINDER UNIT, METHOD FOR ATTACHING COUPLING MEMBER, AND DRUM UNIT

00: -
 A drum cylinder unit includes a photoconductive drum and a flange member. The flange member includes a fixing portion fixed to an end of the photoconductive drum, a cylindrical portion which forms a hollow portion therein, a groove portion provided at an edge of the cylindrical portion, and a gear portion. The groove portion and the hollow portion open to an outside of an axial direction of the photoconductive drum.

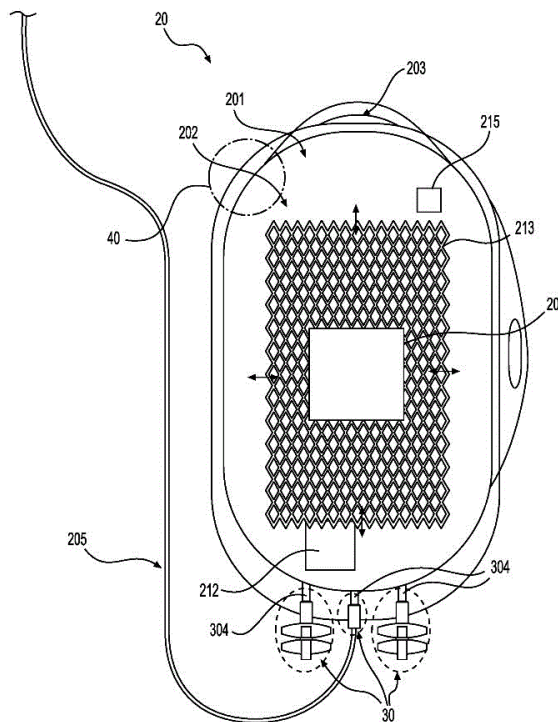


21: 2017/06901. 22: 2017/10/12. 43: 2024/10/29
 51: A61J
 71: HEMANEXT INC.
 72: YOSHIDA, Tatsuro, CORDERO, Rafael, SARITA, Jancarlo, ZOCCHI, Michael, WOLF, Michael, KEEGAN, Philip, Michael, RENGANATHAN, Narendran, SUTTON, Jeffrey, Karl

33: US 31: 62/151,839 32: 2015-04-23
 33: US 31: 62/151,957 32: 2015-04-23

54: ANAEROBIC BLOOD STORAGE CONTAINERS

00: -
 A blood storage container for the anaerobic storage of blood, having enhanced sealing methods and materials for the preservation of stored blood is provided.



21: 2017/08286. 22: 2017/12/06. 43: 2024/08/28
 51: A61K
 71: Estetra SPRL
 72: JASPART, Séverine Francine Isabelle, PLATTEEUW, Johannes Jan, VAN DEN HEUVEL, Denny Johan Marijn
 33: EP(BE) 31: 15172767.4 32: 2015-06-18

54: ORODISPERSIBLE DOSAGE UNIT CONTAINING AN ESTETROL COMPONENT

00: -
 The invention provides an orodispersible solid pharmaceutical dosage unit having a weight between 30 and 1,000 mg, said dosage unit consisting of: 0.1-25 wt.% of estetrol particles containing at least 80 wt.% of an estetrol component selected from estetrol, estetrol esters and combinations thereof; and 75-99.9 wt.% of one or more pharmaceutically acceptable ingredients; the solid dosage unit comprising at least 100 µg of the

estetrol component; and wherein the solid dosage unit can be obtained by a process comprising wet granulation of estetrol particles having a volume weighted average particle size of 2 μm to 50 μm . The solid dosage unit is easy to manufacture and perfectly suited for sublingual, buccal or sublabial administration.

21: 2017/08618. 22: 2017/12/18. 43: 2024/09/16

51: A61L; C11B; C11D

71: Firmenich SA

72: ROGERS, Matthew, MARGOT, Christian, VUILLEUMIER, Christine, SMITH, Ben, FITZGERALD, Sanja, REITER, Maud, NICOLAI, Stefano

33: EP(CH) 31: 15175717.6 32: 2015-07-07

54: INDANE DERIVATIVES FOR MALODOR COUNTERACTION

00: -

The present invention relates to the field of malodor counteraction. More particularly, it concerns malodor masking ingredient having an indane moiety (as defined in formula (I)), as well as malodor masking compositions comprising such ingredients.

21: 2018/02312. 22: 2018/04/09. 43: 2024/09/16

51: A61K; A61P; C07D

71: Jiangsu Atom Bioscience and Pharmaceutical Co., Ltd.

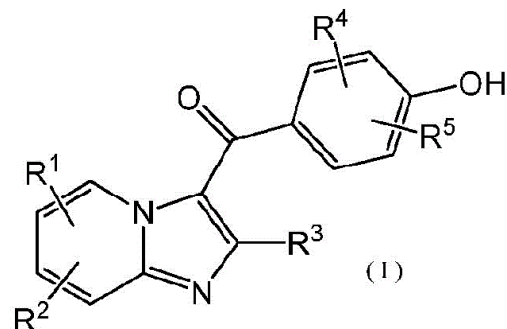
72: SHI, Dongfang, FU, Changjin, CHENG, Xi, ZHU, Jianghua, WEN, Jie, GU, Jie

33: CN 31: 201510576110.7 32: 2015-09-10

54: A GROUP OF COMPOUNDS USED FOR THE TREATMENT OR PREVENTION OF HYPERURICEMIA OR GOUT

00: -

Provided are a compound as represented in formula (I), pharmaceutically acceptable salts thereof, pharmaceutical compositions thereof, and uses thereof. The compound as represented in formula (I) and the pharmaceutically acceptable salts thereof are used in the preparation of medicines for the treatment or prevention of hyperuricemia or gout by means of uric acid discharging.



21: 2018/02375. 22: 2018/04/11. 43: 2024/09/10

51: C12M

71: Kronen AG

72: MÜLLER-AUFFERMANN, Konrad, THOMANDL, Severin

33: DE 31: 10 2015 220 315.8 32: 2015-10-19

54: FERMENTATION TANK AND METHOD

00: -

The invention relates to a fermentation tank and to a method, said tank comprising a first supply or discharge line with a first central opening (6a) arranged on the lower end of the fermentation tank for supplying or discharging a product. Said fermentation tank also comprises a second and third supply and discharge line with respectively a centrally arranged opening for supplying or discharging a product, the three openings being arranged at different height levels.

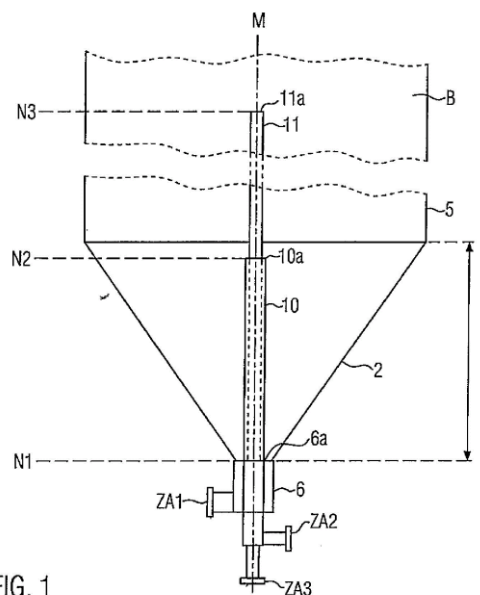


FIG. 1

21: 2018/02453. 22: 2018/04/13. 43: 2024/09/10

51: A01K; A61M; B01L; C12N

71: Alternative Gene Expression, S.L.

72: MARTÍNEZ ESCRIBANO, José Ángel, ALVARADO FRADUA, Carmen, REYTOR SAAVEDRA, Edel, CID FERNANDEZ, Miguel

33: EP(ES) 31: 15382451.1 32: 2015-09-17

54: EXPRESSION OF RECOMBINANT PROTEINS IN TRICHOPLUSIA NI PUPAE

00: -

The present invention covers means and methods to increase the efficiency of recombinant protein expression, in particular to optimize the industrial production of recombinant proteins in insect pupae, particularly in *Trichoplusia ni* (*T. ni*) pupae.

Moreover, the present invention is also directed to the pupae itself comprising baculovirus, pupae infected, transformed, transduced or transfected with baculoviruses or bacmids, as well as devices suitable for performing the methods of the present invention.

21: 2018/03782. 22: 2018/06/07. 43: 2024/09/16

51: A61K; A61Q

71: L'OREAL

72: ROY, Dhimoy, DEBONI, Maxime, JOSHI, Sarish

33: IN 31: 4775/mum/2015 32: 2015-12-21

54: HAIR COSMETIC COMPOSITION COMPRISING SILICONES AND SURFACTANTS, AND COSMETIC TREATMENT PROCESS

00: -

The present invention relates to a hair cosmetic composition, especially for washing and/or conditioning hair, comprising surfactants and an oil-in-water emulsion that comprises: - a silicone mixture comprising a trialkylsilyl terminated dialkylpolysiloxane and an amino silicone; - a mixture of emulsifiers comprising one or more nonionic emulsifier, wherein the mixture of emulsifiers has a HLB value from 10 to 16; and - water. The invention also relates to a process for the cosmetic treatment of hair, preferably for washing and/or conditioning hair, using this composition.

21: 2018/04026. 22: 2018/06/15. 43: 2024/09/10

51: F41G; G09B

71: CMI Defence S.A.

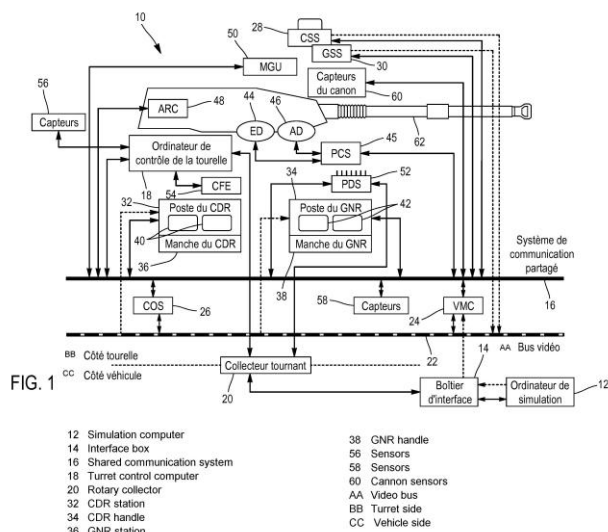
72: CLERMONT, Bernard, BALTHASART, Pierre, BASTIAENS, Patrice

33: BE 31: 2015/5852 32: 2015-12-30

54: TURRET SIMULATION METHOD AND DEVICE

00: -

The invention relates to a turret simulation method and device. The invention presents an immersive simulation method for training a crew in the use of an armoured vehicle turret. The turret comprises a control computer, as well as acquisition and rendering interfaces. The computer and the interfaces are connected to one another by a computer bus. According to the method, the control computer is connected to a simulation computer, to which it communicates the status of the turret; the simulation computer produces a virtual environment which is presented at least partially to the crew by means of rendering interfaces; one or more motorised devices of the turret are found in operational state; and the commands entered by the crew via the acquisition interfaces towards the motorised devices in operational state are transmitted thereto, so that the movements of these devices caused by said commands produce optical, auditory and/or acceleration sensations for the crew.



21: 2018/04124. 22: 2018/06/20. 43: 2024/09/10

51: A61K; C07K

71: Diet4Life ApS

72: STAGSTED, Jan, ZHOU, Jiehui, JESSEN, Randi, PALMFELDT, Johan, HANSEN, Erik Torngaard

33: EP(DK) 31: 15200440.4 32: 2015-12-16

54: DIETARY PEPTIDES

00: -

The present invention relates to novel peptides, composition comprising such peptides including nutritional supplements and methods for inducing satiation and satiety, for weight management and

preventing or reducing the incidence of obesity, or for preventing or reducing cardiovascular diseases, atherosclerosis, hypertension, hepatosteatorosis, cancer and/or diabetes.

21: 2018/04348. 22: 2018/06/28. 43: 2024/09/17

51: H02B; H05K

71: Eaton Intelligent Power Limited

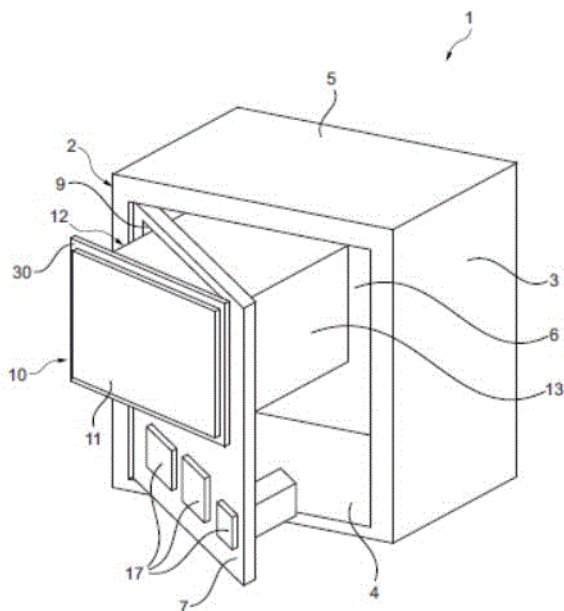
72: KUNCHE, Sunil Kumar, KURAPATI, Bhaskar Bhumeshwar, SOETEN, Roelof, BIELEVELT, Willy, DE JONG, Johan

33: IN 31: 201711022836 32: 2017-06-29

54: HOUSING

00: -

The invention relates to a housing for example for switchgear, which housing comprises:- first and second parallel side walls connected by a frame, top wall and / or bottom wall;- a door extending between the first and second side walls and arranged hingedly to the first side wall, wherein the door hinge axis is parallel to the side walls;- an instrument panel comprising a front face and third and fourth parallel side walls extending perpendicular from the front face; wherein the door has an opening through which the third and fourth side walls of the instrument panel extend; and wherein the instrument panel is hingedly arranged to the door, wherein the instrument panel hinge axis is parallel to the door hinge axis and wherein the instrument panel hinge axis is positioned adjacent to the second side wall.



21: 2018/04420. 22: 2018/07/02. 43: 2024/09/18

51: A01N; C07D

71: CORTEVA AGRISCIENCE LLC

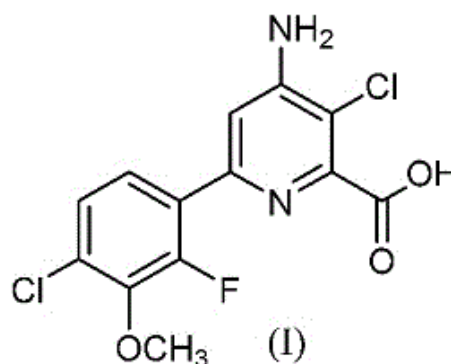
72: GAST, ROGER E, MANN, RICHARD K

33: US 31: 62/264,519 32: 2015-12-08

54: HERBICIDAL COMPOSITIONS CONTAINING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID, FLORASULAM AND PYROXSULAM OR DERIVATIVES THEREOF

00: -

Provided herein are herbicidal compositions and methods using a mixture comprising (a) the compound of formula (I) or an agriculturally acceptable salt of ester thereof, (b) florasulam or an agriculturally acceptable salt thereof, and (c) pyroxsulam or an agriculturally acceptable salt thereof. The compositions provide weed control of undesirable vegetation in areas including, but not limited to, annual crop, cereal crop, fallow-bed, non-crop, IVM, range and pasture, tree and vine crop, perennial crop, fruiting crop, and plantation crop areas.



21: 2018/04524. 22: 2018/07/06. 43: 2024/09/09

51: G06F; H04L; H04N

71: QUALCOMM Incorporated

72: WALKER, Gordon Kent, STOCKHAMMER, Thomas

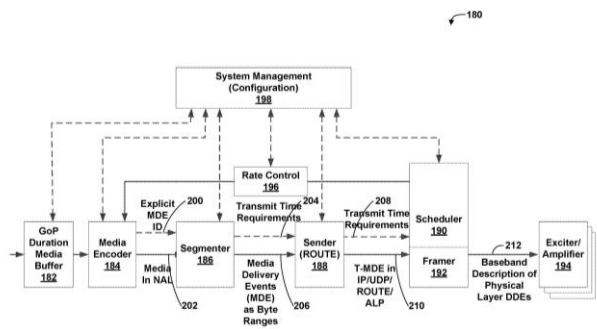
33: US 31: 62/276,674 32: 2016-01-08

54: DETERMINING MEDIA DELIVERY EVENT LOCATIONS FOR MEDIA TRANSPORT

00: -

A method of transporting media data includes, by a file-based protocol sending unit of a source device, receiving a stream of data comprising Segments of media data from a segmenter of the source device that forms the Segments, each of the Segments

comprising a respective individually retrievable file associated with a unique uniform resource locator (URL), determining locations of media delivery events (MDEs) in the stream of media data, wherein the MDEs include data for at least a portion of one of the Segments, determining one or more transmission time requirements for the MDEs representing times at which the MDEs are to be sent to a client device, and providing the MDEs and data representing the transmission time requirements to a physical layer sending unit of the source device according to available delivery slots for the physical layer sending unit.

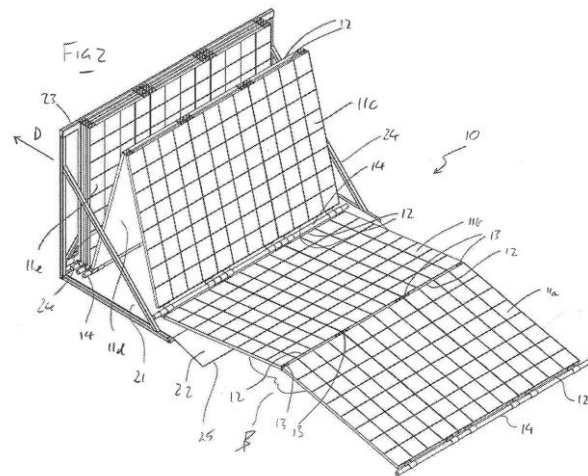


21: 2018/04696. 22: 2018/07/13. 43: 2024/08/28
 51: A61K; C07K
 71: Humanitas Mirasole S.p.A.
 72: KALLIKOURDIS, Marinos, CONDORELLI, Gianluigi
 33: EP(IT) 31: 16151539.0 32: 2016-01-15
54: THERAPEUTIC USE OF INHIBITORS OF T CELL ACTIVATION OR STIMULATION
 00: -

The present invention relates to the use of inhibitors of T cell costimulation and/or activation and/or function in the treatment and/or prevention of cardiac pathologies, in particular heart failure diseases, and/or of related symptoms.

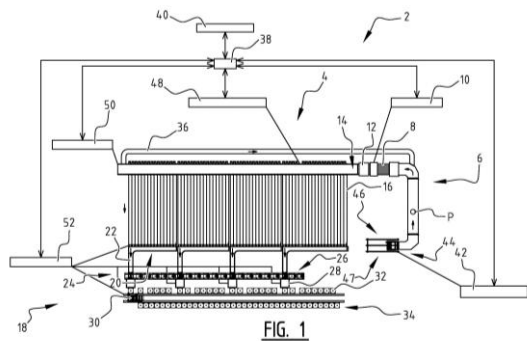
21: 2018/04740. 22: 2018/07/16. 43: 2024/09/16
 51: H01L; H02S
 71: 5B IP Holdings Pty Ltd
 72: TEHAN, Eden, MCGRATH, Chris
 33: AU 31: 2015905218 32: 2015-12-16
54: PORTABLE SOLAR PHOTOVOLTAIC ARRAY
 00: -

Method of installation of a PV array with planar PV modules of square/rectangular configuration, each module defining square/rectangular edge and comprising a pair of parallel end and side edges, the modules being connected along adjacent end edges and foldable relative to each other about the connected end edges between a closed condition and an open condition, whereby in the closed condition, the modules are stacked together on a movable carriage on which the modules can be transported, the modules comprising a leading module, a trailing module and two or more intermediate modules, and in the open condition, the modules are laterally displaced from the closed condition about the end edge connections to collect electromagnetic radiation, the method including securing the leading module and moving the carriage relative to the leading module so that the carriage moves away from the leading module, allowing the PV array to unfold from the carriage.



21: 2018/04969. 22: 2018/07/24. 43: 2024/09/10
 51: B07C
 71: De Greef's Wagen-, Carrosserie- en Machinebouw B.V.
 72: NIJLAND, Wilhelm Jan
 33: NL 31: 2016149 32: 2016-01-25
54: METHOD FOR SWITCHING BETWEEN PRODUCT TYPES ON A SORTING SYSTEM FOR SORTING PRODUCTS SUCH AS VEGETABLES AND FRUIT, AND SORTING SYSTEM THEREFOR
 00: -
 The invention relates to a method for switching between different products such as vegetables and fruit on a sorting system, a computer-readable

medium and sorting system suitable therefor, the method comprising of: - receiving a switching signal during sorting of products of the first product type that products of the second product type have to be sorted; - the controller selecting sorting channels which are free of products of the first product type; - assigning at least some selected sorting channels to the second product type; - assigning sorting classes of the second product type to one or more of the assigned sorting channels; and - sorting products of the second product type in sorting channels assigned thereto during the emptying of sorting channels of the first product type. Preparatory emptying of some of the sorting channels optionally takes place prior to the switch-over.



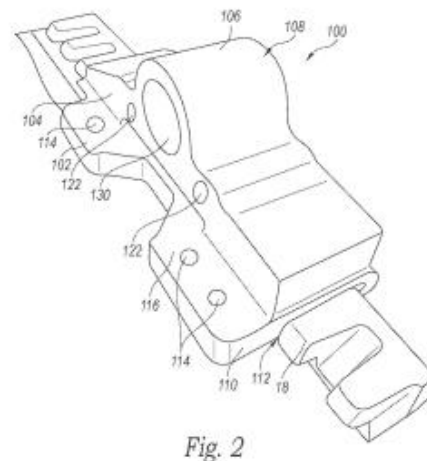
21: 2018/05322. 22: 2018/08/10. 43: 2024/09/10
 51: A61K
 71: Debregeas et Associes Pharma
 72: GUIRAUD, Julien
 33: FR 31: 16/00554 32: 2016-04-01
54: UNIT DOSES FOR IMMEDIATE RELEASE OF GHB OR OF ONE OF THE THERAPEUTICALLY ACCEPTABLE SALTS THEREOF, ADMINISTERED ORALLY, AND THE USE THEREOF TO MAINTAIN ALCOHOL ABSTINENCE.

00: -
 The present invention relates to unit doses for immediate release of GHB or of one of the therapeutically acceptable salts thereof, administered orally. These doses contain from 0.37 to 1.75 g of GHB, and more particularly sodium oxybate; when they are present in the form of granules, the latter have the following composition (% relative to the total weight of the granule): - active principle (sodium oxybate): 50 to 60%; - effervescent

agent: 5 to 15%; - diluent: 2 to 18%; - binder: 3 to 10%; - support (solid core of the granule): 15 to 25%; - coating agent/flavouring agent/sweetening agent/lubricant: 3 to 6%. Application in the maintenance of alcohol abstinence for patients having a low, moderate, high or very high blood alcohol level, with or without liver failure.

21: 2018/06268. 22: 2018/09/18. 43: 2024/09/10
 51: G01G
 71: Vishay Transducers, Ltd.
 72: REICHOW, Keith, ZIMMERMAN, Bill
 33: US 31: 62/297,733 32: 2016-02-19
54: LOAD CELL ASSEMBLY

00: -
 A cast load cell comprising a load sensing portion integrally cast with a first mounting portion. The load sensing portion has a flexure portion spaced apart from the first mounting portion by a flexure gap. The load sensing portion has at least one sensor cavity above at least a portion of the flexure gap. A second mounting portion is integrally cast with the load sensing portion above the flexure gap. A load sensor is connected to the load sensor portion and positioned within the sensor cavity above a portion of the flexure gap. The first mounting portion, the load sensing portion, and the second mounting portion define an integral, low-profile, weld-free, substantially homogenous unitary cast member.



21: 2018/06957. 22: 2018/10/18. 43: 2024/09/16
 51: B21D; B65D
 71: Crown Packaging Technology, Inc.
 72: GOLDING, Richard Mark Orlando

33: US 31: 15/135,181 32: 2016-04-21

54: BEVERAGE CAN HAVING A GROMMET

00: -

A drawn and wall ironed beverage can body, method for forming same, and a sealed and filled can, include a through-hole or aperture in the base. A grommet for charging a propellant in can is located in the aperture. The aperture has a burr that is located on the inboard side of the rim of the aperture.

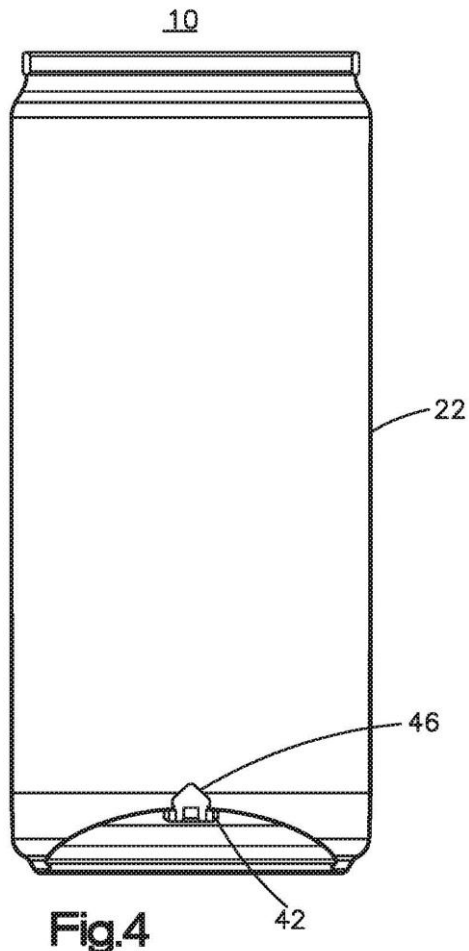


Fig.4

21: 2018/07088. 22: 2018/10/24. 43: 2024/09/16

51: B61L

71: Thales Management & Services Deutschland GmbH

72: ERDMANN, Christoph

33: DE 31: 10 2016 206 988.8 32: 2016-04-25

54: SERVER DEVICE OPERATING A PIECE OF SOFTWARE FOR CONTROLLING A FUNCTION OF A RAIL TRANSPORT SAFETY SYSTEM

00: -

A server device (1; 30), operating a piece of software for controlling a function of a rail transport safety system, wherein the software (11, 12, 13; 31, 32, 33) operates at least two processes (11a-11b; 12a-12b; 13a-13b; 31a-31c; 32a-32c; 33a-33c) physically separately from one another, the results of which are compared with one another in order to perform control of the function, is characterized in that the software (11, 12, 13; 31, 32, 33) is operated on a virtual operating level of the server device (1; 30), in that the server device (1; 30) comprises at least two physically separate server clusters (SC1, SC2, SC3), and in that the software (11, 12, 13; 31, 32, 33) comprises at least two parts that are installed on different server clusters from the at least two server clusters (SC1, SC2, SC3), so that the at least two processes (11a-11 b; 12a-12b; 13a- 13b; 31a- 31c; 32a-32c; 33a-33c) are operated on different server clusters from the at least two server clusters (SC1, SC2, SC3). The invention provides a server device in which improved availability of a software application can be ensured amid simultaneously high dependability of the rail transport.

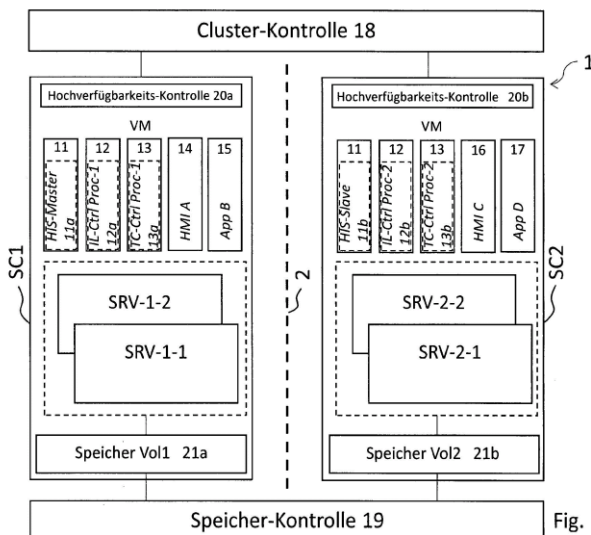


Fig. 1

- 18 Cluster Control
- 20a HA-Control
- 21a Storage Vol 1
- 20b HA-Control
- 11b HTS-Slave
- 21b Storage Vol2
- 19 Storage Control

21: 2018/07544. 22: 2018/11/09. 43: 2024/09/10

51: C08F; C08L; C09J

71: Basell Poliolefine Italia S.r.l.

72: MARCHINI, Roberta, SPATARO, Stefano, BURGİN, Emanuele, PICA, Roberta

33: EP(IT) 31: 16178432.7 32: 2016-07-07

54: BUTENE-1 POLYMER COMPOSITION HAVING A HIGH MELT FLOW RATE

00: -

A butene-1 polymer composition having MFR values of from 400 to 2000 g/10 min, measured according to ISO 1133 at 190°C with a load of 2.16 kg, comprising: A) a butene-1 homopolymer or a copolymer of butene-1 with one or more comonomers selected from ethylene and higher alpha-olefins, having a copolymerized comonomer content of up to 5% by mole; B) a copolymer of butene-1 with one or more comonomers selected from ethylene and higher alpha-olefins, having a copolymerized comonomer content of from 6% to 20% by mole; said composition having a total copolymerized comonomer content from 4% to 15% by mole, referred to the sum of A) and B), and a content of fraction soluble in xylene at 0°C of 60% by weight or less, determined on the total weight of A) and B).

21: 2018/07578. 22: 2018/11/12. 43: 2024/09/16

51: E03C; F16K

71: Elixpro Inc.

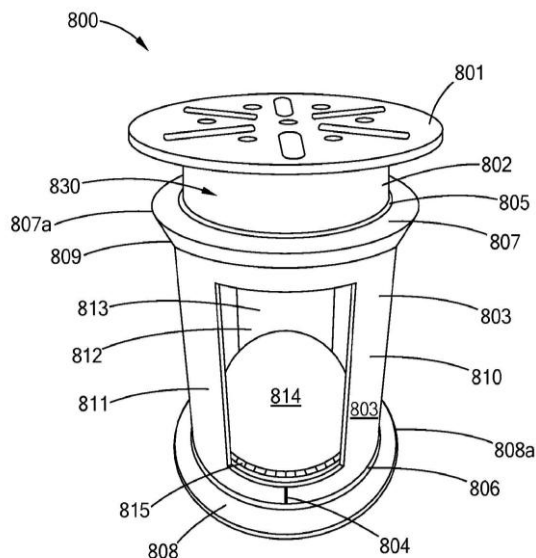
72: JOYCE, Patrick J., CANAVAN, Paul D.

33: US 31: 62/322,012 32: 2016-04-13

54: DRAIN CONTROL INSECT ABATEMENT METHODS, DEVICES AND SYSTEMS

00: -

Insect blocking devices having floats and flappers to prevent insect access to standing water in traps. A device for insertion into a trap having a float that seals the trap from insects, when in-flow water is not present, and opens as a result of in-flow water, to permit in-flow water to pass and enter the trap.



21: 2018/08129. 22: 2018/11/30. 43: 2024/09/10

51: F16F

71: S4 Energy B.V.

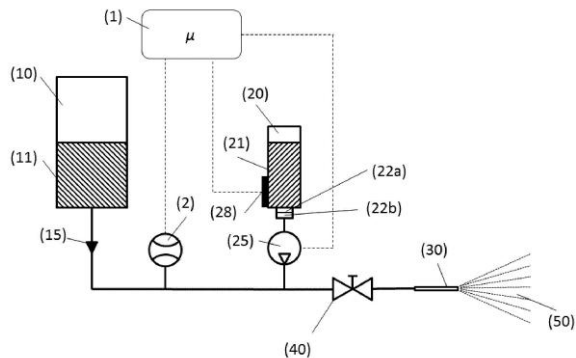
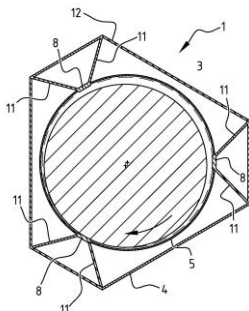
72: VISSER, Leendert, TEERLINK, Peter, BECKER HOFF, Dominique

33: NL 31: 2016882 32: 2016-06-02

54: FLYWHEEL SYSTEM

00: -

The present disclosure relates to a flywheel system (1), comprising a ring-shaped flywheel rotor (3), arranged on a rotation axis (7); and a substantially cylindrical casing (2), enveloping the flywheel rotor (3) at least in a radial direction to contain the flywheel (3) in case of a calamity. The flywheel system (1) further exhibits the feature that the casing (2) comprises and having at least one inward protruding bumper (8) defining a variation from the circular shape in cross section of the casing wall (5) surrounding the flywheel rotor (3). The casing wall (5) may itself be circular and the bumper (8) can define a deviation relative to the circular shape thereof, to enhance deceleration of the flywheel rotor (3), if, in case of an accident or calamity, the flywheel rotor (3) comes loose.



21: 2018/08274. 22: 2018/12/07. 43: 2024/10/11

51: A01M; B05B

71: BAYER CROSCIENCE
AKTIENGESELLSCHAFT

72: GUTSMANN, Volker

33: US 31: 62/360,548 32: 2016-07-11

33: US 31: 62/360,555 32: 2016-07-11

33: EP 31: 16178764.3 32: 2016-07-11

33: EP 31: 16178766.8 32: 2016-07-11

54: SPRAY DEVICE HAVING A REPLACEABLE CARTRIDGE

00: -

The present invention relates to the application of liquid active substances using a transportable spraying device. The subject matter of the present invention is a system comprising a transportable spraying device and a replaceable cartridge that contains an active substance concentrate. The subject matter of the present invention is further a method for applying a liquid active substance formulation. A further subject matter of the present invention is a replaceable cartridge which has a memory unit in which information on a degree of dilution, to be set, for the active substance concentrate contained in the cartridge is stored. A further subject matter of the present invention is a spraying device with a control unit which can read out a memory unit of a cartridge connected to the spraying device, and, on the basis of the read-out information, can set a degree of dilution for the active substance concentrate contained in the cartridge.

21: 2018/08353. 22: 2018/12/11. 43: 2024/09/16

51: B31B; B65B

71: Elopak AS

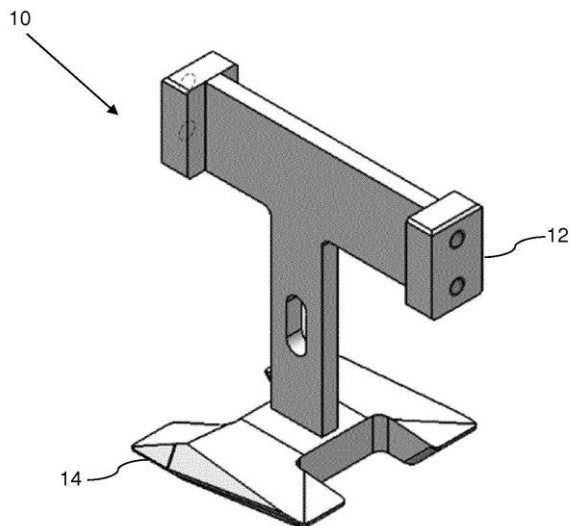
72: WIESER, Martin Kurt

33: GB 31: 1611673.3 32: 2016-07-05

54: ANVIL DEVICE

00: -

An anvil device (10) is for insertion into an end closure of a partially formed container. The anvil device (10) comprises a bracket (12) and an anvil body (14) connected to one end of the bracket (12). The anvil body (14) comprises four corners (C1 to C4) where the distance between one pair of diagonally opposite corners (C1, C3) is less than the distance between the other pair of diagonally opposite corners (C2, C4). The anvil body (14) is asymmetric and one corner (C1) is closer to the centre of the anvil body (14) than each of the other three corners (C2 to C4).



21: 2018/08384. 22: 2018/12/12. 43: 2024/09/16
51: A61B

71: Alcolizer Pty Ltd

72: HUNT, Roger Alan, BROWN, James John

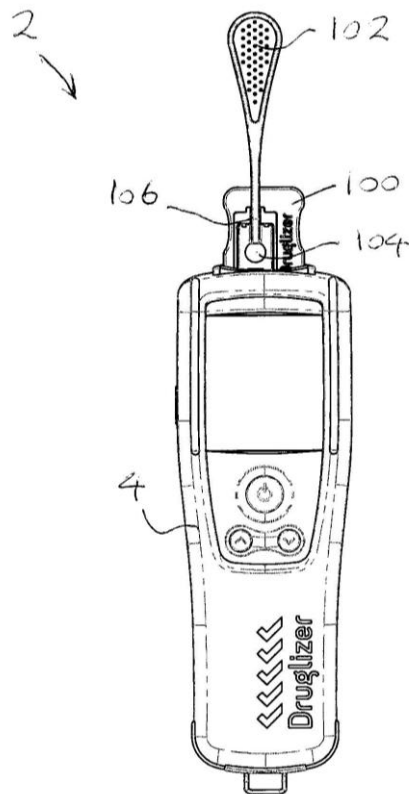
33: AU 31: 2016901780 32: 2016-05-13

54: A MIND-ALTERING SUBSTANCE TESTING SYSTEM

00: -

The present invention relates to a mind-altering substance testing unit. The unit includes a display module for displaying an indication of a drug or alcohol. A sensor module is releasably fastened to the display module and includes sensors for sensing the drug and alcohol. The unit also includes a sample cartridge for receiving a sample and for releasably fastening to the sensor module so that the sensor module can sense the drug.

Advantageously, the same testing unit can be used to sense alcohol and the drug avoiding the need for separate testing units.



21: 2019/02293. 22: 2019/04/11. 43: 2024/09/10

51: A23L; A23N; C08B

71: Novozymes A/S

72: VIDAL, Bernardo, FERRER, Oscar Pastor, MCLAUGHLIN, Scott R., DEINHAMMER, Randall, GIBBONS, Thomas Patrick

33: US 31: 62/395,545 32: 2016-09-16

54: FIBER WASHING METHOD AND SYSTEM

00: -

The present invention provides to a fiber washing system, optimized for the use of hydrolytic enzymes in the system. Furthermore, the present invention provides to a method for improving starch and gluten yield in a wet milling process, preferably comprising the optimized fiber washing system.

21: 2019/02335. 22: 2019/04/12. 43: 2024/09/10

51: A61K; A61P; C07D

71: CellCentric Ltd

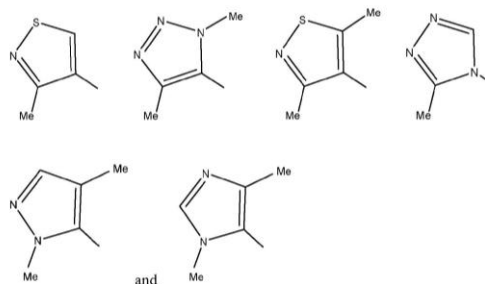
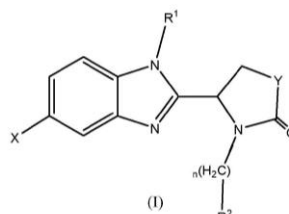
72: PEGG, Neil Anthony, TADDEI, David Michel Adrien, SHANNON, Jonathan, PAOLETTA, Silvia, QIN, Ting, HARBOTTLE, Gareth

33: GB 31: 1617627.3 32: 2016-10-18

54: PHARMACEUTICAL COMPOUNDS

00: -

A compound which is a benzimidazole of formula (I): wherein X is a 5-membered heteroaryl group selected from the following: or a pharmaceutically acceptable salt thereof. The compound has activity in modulating the activity of p300 and/or CBP and is used to treat cancer, particularly prostate cancer.



21: 2019/02798. 22: 2019/05/03. 43: 2024/08/28

51: C12N; C12Q

71: Flagship Pioneering Innovations V. Inc.

72: SHULTZ, Randall William, CASEY Jr., John P., MARTIN, Barry Andrew, NIU, Yajie, YU, Kristine, FISKE, Brian Prescott

33: US 31: 62/418,078 32: 2016-11-04

54: NOVEL PLANT CELLS, PLANTS, AND SEEDS

00: -

Disclosed herein are compositions and methods for effecting alterations at a defined location in the genome of a non-epidermal plant cell. Further disclosed are methods for providing plants having a modified phenotype or a modified genome.

21: 2019/04431. 22: 2019/07/05. 43: 2024/09/18

51: A61K; C07K

71: VACCINEX, INC.

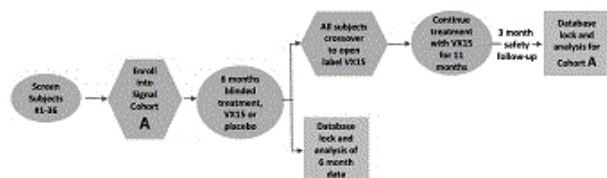
72: ZAUDERER, MAURICE

33: US 31: 62/461,945 32: 2017-02-22

54: EARLY DETECTION OF GLIAL CELL ACTIVATION IN NEURODEGENERATIVE OR NEUROINFLAMMATORY DISEASES

00: -

The disclosure provides a method for determining the efficacy of treatment with a SEMA4D antagonist, e.g., a SEMA4D antagonist antibody in the treatment of a neuroinflammatory or neurodegenerative disease, disorder, or injury, where the method provides differential measurement of glucose uptake in the brain, e.g., by FDG-PET imaging.



21: 2019/04624. 22: 2019/07/15. 43: 2024/09/18

51: A61K

71: CORNELL UNIVERSITY

72: MA, MINGLIN, LIU, QINGSHENG

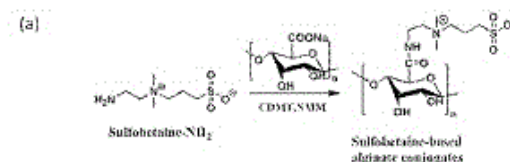
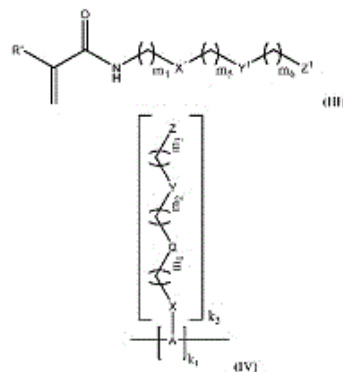
33: US 31: 62/451,629 32: 2017-01-27

54: ZWITTERIONICALLY MODIFIED POLYMERS AND HYDROGELS

00: -

The present invention is directed to a polymer of Formula (IV): wherein A, X, Q, Y, Z, m1; m2, m3, k1; and k2 are as described herein and wherein the monomer units of the polymer are the same or different. The present invention also relates to a

monomer of Formula (III), wherein Rⁿ, X¹, Y¹, Z¹, m4, m5, and m6 are as described herein, and a polymeric network comprising two or more monomers of Formula (III). The present invention also relates to a hydrogel comprising any of the polymers and monomers described herein, a capsule comprising the hydrogel, and a method of delivering a therapeutic agent to a subject using the capsule.



21: 2019/04652. 22: 2019/07/16. 43: 2024/11/04

51: A61K; A61P

71: EXELIXIS, INC.

72: SCHWAB, Gisela, SCHEFFOLD, Christian, HESSEL, Colin

33: US 31: 62/448,869 32: 2017-01-20

33: US 31: 62/458,447 32: 2017-02-13

54: COMBINATIONS OF CABOZANTINIB AND ATEZOLIZUMAB TO TREAT CANCER

00: -

This invention relates to the combination of cabozantinib and atezolizumab to treat locally advanced or metastatic solid tumors, particularly advanced urothelial cancer or renal cell carcinoma.

21: 2019/04860. 22: 2019/07/24. 43: 2024/09/18

51: C12Q

71: PML SCREENING LLC, UNIVERSITÉ PARIS-SACLAY, ASSISTANCE PUBLIQUE HOPITAUX DE PARIS, INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)

72: HATCHWELL, ELI, EIS, PEGGY S, SMITH, III
EDWARD B, TAOUFIK, YASSINE

33: US 31: 62/454 676 32: 2017-02-03

33: US 31: 62/524 324 32: 2017-06-23

33: US 31: 15/639 591 32: 2017-06-30

54: METHODS FOR ASSESSING RISK OF DEVELOPING A VIRAL DISEASE USING A GENETIC TEST

00: -

This document provides methods and materials related to treating a disease. For example, this document provides methods for treating a subject's disease based on identifying the risk of progressive multifocal leukoencephalopathy PML using a genetic test.

21: 2019/04861. 22: 2019/07/24. 43: 2024/09/18

51: A61K; A61P

71: UNIVERSITY OF MIAMI

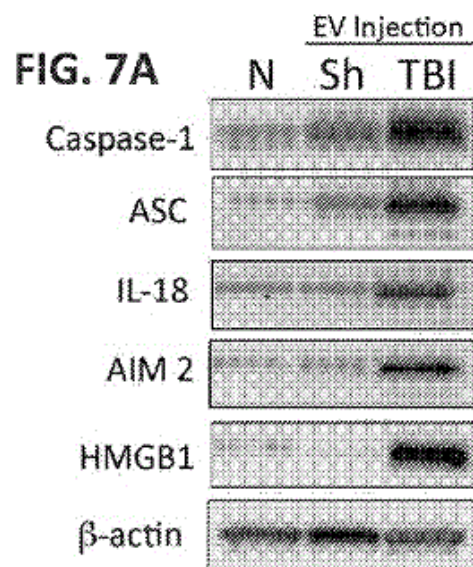
72: KEANE, ROBERT, DIETRICH, DALTON, KERR, NADINE, WU, SHU, DE RIVERO VACCARI, JUAN PABLO

33: US 31: 62/440,180 32: 2016-12-29

54: METHOD FOR MODULATING INFLAMMASOME ACTIVITY AND INFLAMMATION IN THE LUNG

00: -

The present invention provides compositions and methods for reducing inflammation in the lungs of a mammal that is afflicted by a condition that leads to inflammation in the lungs. The compositions and methods described herein include agents that inhibit inflammasome signaling in the mammal such as antibodies directed against inflammasome components used alone or in combination with extracellular vesicle uptake inhibitor(s).



21: 2019/06993. 22: 2019/10/23. 43: 2024/09/17

51: A61M; B01D

71: SPECTRUM MEDICAL SRL

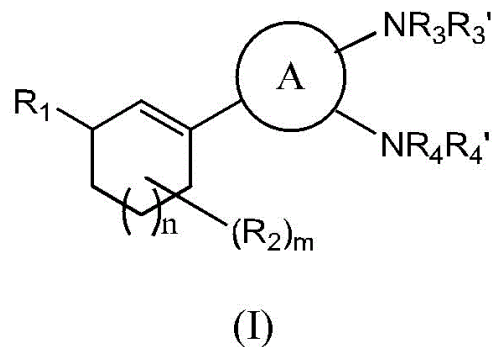
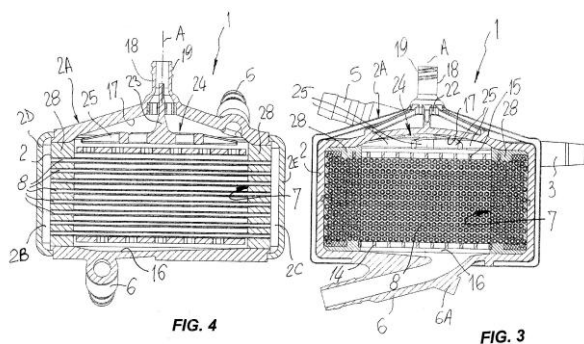
72: GALAVOTTI, Daniele

33: IT 31: 102017000032687 32: 2017-03-24

54: "OXYGENATOR OF ORGANIC FLUIDS"

00: -

The oxygenator of organic fluids comprises: a container body (2) having a longitudinal axis (A); a first inlet opening (3) for the oxygen and a second outlet opening (4) for an exhaust gas obtained in the container body; a third inlet opening (5) for an organic fluid to be oxygenated and a fourth outlet opening (6) for oxygenated organic fluid obtained in the container body; an oxygenation chamber (7) of the fluid to be oxygenated that is defined inside the container body; a distribution pre-chamber (17) of the fluid to be oxygenated fitted between the third inlet opening (5) and the oxygenation chamber (7); a mass of capillary fibers (8) that are impermeable to liquids and porous to gasses, designed to be lapped by the organic fluid and arranged inside the oxygenation chamber according with a common parallel direction; dynamic distribution means (24) supported in the distribution pre-chamber (17) by support means (20).



21: 2019/08087. 22: 2019/12/05. 43: 2024/10/24

51: A61K; A61P

71: INTRABIO LTD

72: STRUPP, Michael, FACTOR, Mallory

33: GB 31: 1709459.0 32: 2017-06-14

54: TREATMENT FOR MIGRAINE

00: -

A first aspect of the invention relates to leucine, acetyl-leucine, or a pharmaceutically acceptable salt thereof, for use in treating or preventing a migraine, or one or more symptoms associated therewith. A second aspect of the invention relates to a method of treating or preventing a migraine, or one or more symptoms associated therewith, in a subject, said method comprising administering to the subject a therapeutically or prophylactically effective amount of leucine, acetyl-leucine, or a pharmaceutically acceptable salt thereof.

21: 2020/01448. 22: 2020/03/06. 43: 2024/09/10

51: A61K; A61P; C07D

71: Hutchison MediPharma Limited

72: SU, Wei-Guo, DAI, Guangxiu, XIAO, Kun

33: CN 31: 201710801364.3 32: 2017-09-07

54: CYCLOOLEFIN SUBSTITUTED HETEROAROMATIC COMPOUNDS AND THEIR USE

00: -

Compounds of formula (I) or a pharmaceutically acceptable salt thereof, and/or solvates, racemic mixtures, enantiomers, diastereomers, and tautomers thereof, wherein A, R₁, R₂, R₃, R₃', R₄, R₄', R₅, R₆, R₇, R₈, m, and n are as defined in the detailed description. (I)

21: 2020/02064. 22: 2020/05/04. 43: 2024/09/12

51: H04N

71: FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.

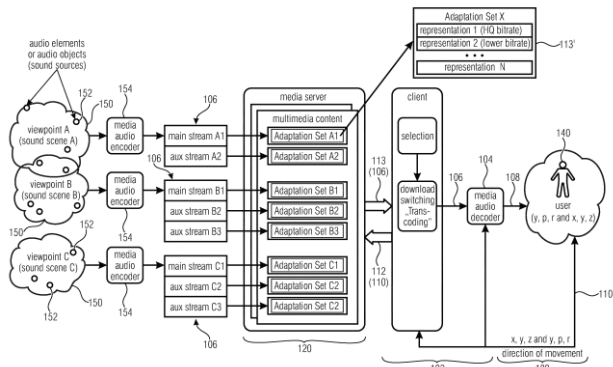
72: MURTAZA, Adrian, FUCHS, Harald, CZELHAN, Bernd, PLOGSTIES, Jan, AGNELLI, Matteo, HOFMANN, Ingo

33: EP 31: 17196259.0 32: 2017-10-12

54: OPTIMIZING AUDIO DELIVERY FOR VIRTUAL REALITY APPLICATIONS

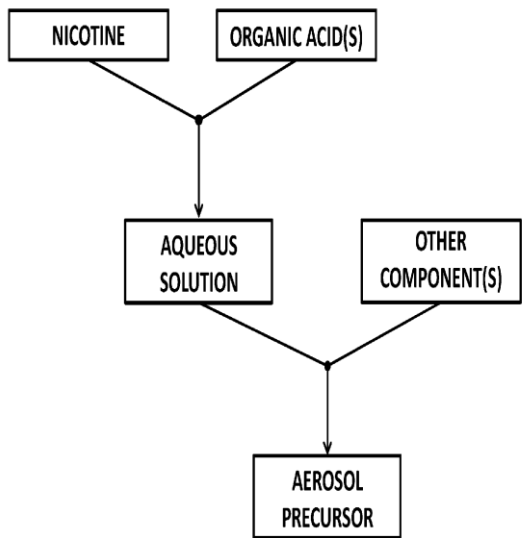
00: -

There are disclosed techniques, systems, methods and instructions for a virtual reality, VR, augmented reality, AR, mixed reality, MR, or 360-degree video environment. In one example, the system (102) comprises at least one media video decoder configured to decode video signals from video streams for the representation of VR, AR, MR or 360-degree video environment scenes to a user. The system comprises at least one audio decoder (104) configured to decode audio signals (108) from at least one audio stream (106). The system (102) is configured to request (112) at least one audio stream (106) and/or one audio element of an audio stream and/or one adaptation set to a server (120) on the basis of at least the user's current viewport and/or head orientation and/or movement data and/or interaction metadata and/or virtual positional data (110).



21: 2020/02099. 22: 2020/05/04. 43: 2024/10/24
 51: A24B
 71: RAI STRATEGIC HOLDINGS, INC.
 72: DULL, Gary M.
 33: US 31: 15/792,120 32: 2017-10-24
54: METHOD FOR FORMULATING AEROSOL PRECURSOR FOR AEROSOL DELIVERY DEVICE
 00: -

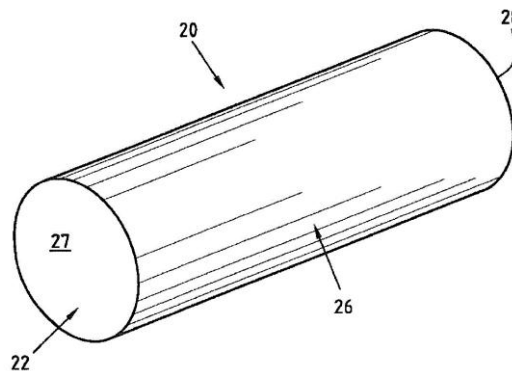
A method for preparing an aerosol precursor composition is provided, which includes the steps of preparing an aqueous solution containing one or more organic acids and nicotine in water; and combining the aqueous solution with one or more vapor formers. The disclosed method can lead to enhanced control over the composition and characteristics of the produced aerosol precursor composition.



21: 2020/02185. 22: 2020/05/04. 43: 2024/08/28
 51: B27N; B29B; B29C; B65D

71: Vinventions USA, LLC
 72: THOMETSCHEK, Marc Anton Charles, AAGAARD, Olav Marcus, MOREL, Floriane Marie Gabrielle, EVERAERT, Niels René Roos, BOUTRY, Charlotte Laetitia Jeanette, DUONG, Christine Phi Phuong
 33: US 31: 62/583,584 32: 2017-11-09
54: METHOD FOR MANUFACTURING A CLOSURE FOR A PRODUCT-RETAINING CONTAINER
 00: -

A method for manufacturing a closure constructed to be inserted and securely retained in a neck of a product-retaining container includes intimately combining a plurality of coated particles (each comprising a cork material core and a first plastic material) with a second plastic material, and other optional constituents; heating the composition to form a melt; extruding or molding a closure precursor from the melt; and optionally cutting and/or finishing the closure precursor. A composition for use in manufacturing a closure includes a plurality of coated particles (each comprising a cork material core and a first plastic material) with a second plastic material, and one or more blowing agents. Methods for producing particulate material, cork composite material, and additional method for producing closures are also provided.



21: 2020/02280. 22: 2020/05/04. 43: 2024/08/28
 51: G06Q
 71: SICPA HOLDING SA
 72: MIYANO NETO, Roberto, PONTE SOARES, Marcos
 33: PCT/EP(CH) 31: 2017/080735 32: 2017-11-28
54: SYSTEM AND METHOD OF IDENTIFICATION AND AUTHENTICATION FOR TRACING

AGRICULTURAL ASSETS, IDENTIFICATION ELEMENT FOR SECURE IDENTIFICATION OF AGRICULTURAL ASSETS AND CORRESPONDING COMPUTER PROGRAMS

00: -

The present invention refers to a system and to a method of identification and authentication for tracing agricultural assets, wherein the agricultural assets are provided with identification elements univocally coded and grouped into rolls, requiring digital activation to be validated. Moreover, the present invention refers to an identification element and to corresponding computer programs.

21: 2020/02936. 22: 2020/05/20. 43: 2024/10/24

51: A61K

71: NMD PHARMA A/S

72: HOLM PEDERSEN, Thomas, J.S. KNUTSEN, Lars, KELLY, Nicholas, BROCH-LIPS, Martin, ELSBORG OLESEN, Claus, LABELLE, Marc (deceased), BÆKGAARD NIELSEN, Ole, KUMAR, Rajesh

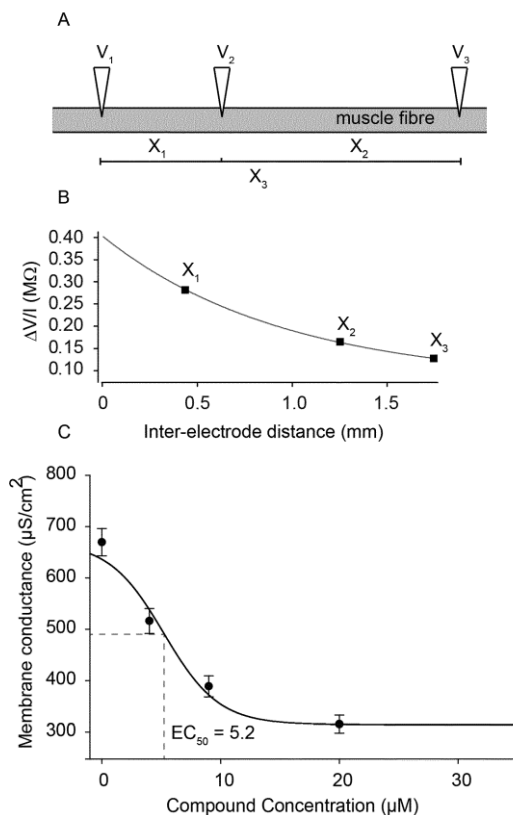
33: US 31: 62/598,940 32: 2017-12-14

33: EP 31: 18151605.5 32: 2018-01-15

54: PHENOXY ACIDS FOR THE TREATMENT OF NEUROMUSCULAR DISORDERS

00: -

The present invention relates to compounds suitable for treating, ameliorating and/or preventing neuromuscular disorders, including the reversal of drug-induced neuromuscular blockade. The compounds as defined herein preferably inhibit the ClC-1 ion channel.



21: 2020/03238. 22: 2020/05/29. 43: 2024/09/10

51: A61M

71: pHi-Tech Animal Health Technologies Ltd.

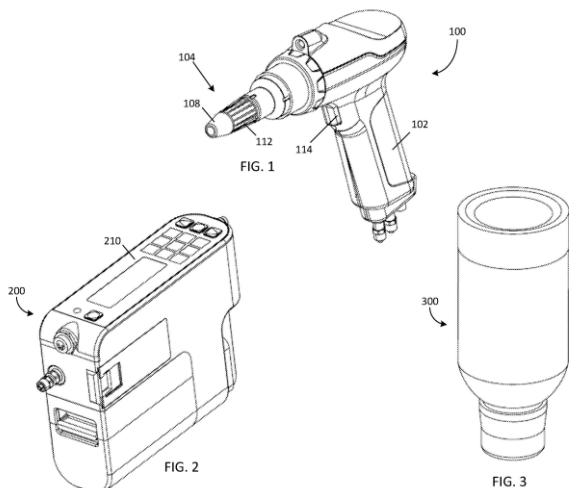
72: GOLDENBERG, Gershon, HALAMISH, Asaf, ASHASH, Yehuda Ehud, FINGER, Avner

33: US 31: 62/596,967 32: 2017-12-11

54: INTRANASAL ADMINISTRATION DEVICE

00: -

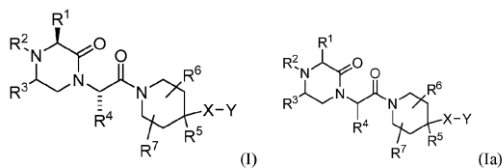
Disclosed devices for intranasal administration of medicament to a patient can comprise a hand-held unit comprising a gripping portion for being held by an operator, a spray head having a spray apparatus and a nozzle, a control unit coupled to the hand-held unit via at least one connecting tube, and one or more containers for holding medicaments. The at least one connecting tube can be flexible enough to enable easy maneuvering of the hand-held unit and rigid enough to prevent widening of the tube due to inner pressure when medicaments pass from the containers to the hand-held unit.



21: 2020/03554. 22: 2020/06/12. 43: 2024/10/07
 51: A61K; C07D; A61P
 71: INTHERA BIOSCIENCE AG
 72: LABELLE, Marc, KAUR, Matinder, TWIBANIRE, Jean-d'Amour K., ULLAH, Farman, KESSLER, Ulrich, CATTORI, Valentino, COOK, Cyril, VAKITI, Ramkrishna Reddy, JOHNSON, Kevin R. D.
 33: US 31: 62/599,336 32: 2017-12-15
 33: CH 31: 00152/18 32: 2018-02-08

54: 1 -(PIPERIDINOCARBONYLMETHYL)-2-OXOPIPERAZINE DERIVATIVES FOR TREATING CANCER

00: -
 The present invention relates to novel compounds of formula (I) or formula (Ia), pharmaceutically-acceptable salts, hydrates, solvates, or stereoisomers thereof, and pharmaceutical compositions of these compounds which are useful for preventive and therapeutic use in human and veterinary medicine.



21: 2020/03665. 22: 2020/06/18. 43: 2024/09/10
 51: B60J; F24F
 71: ROCK SOLID INDUSTRIES INTERNATIONAL (PTY) LTD
 72: VOSS, Michael
 33: ZA 31: 2019/04021 32: 2019-06-21

54: AN AIR VENT

00: -
 An air vent for a vehicle or vehicle canopy includes an external and an internal duct. The external duct has an inlet and an outlet. The height of the outlet is less than that of the inlet. The inlet and the outlet are arranged such that, in use, an uppermost point of the inlet is located above an uppermost point of the outlet. The internal duct is in fluid communication with the external duct via one or more openings arranged in the internal duct or at a junction between the internal duct and the external duct. The internal duct is configured to be in fluid communication with an interior of the vehicle via a slot defined by the vehicle. The or each opening is arranged such that, in use, the uppermost point of the outlet of the external duct is located below a lowermost point of the or each opening.

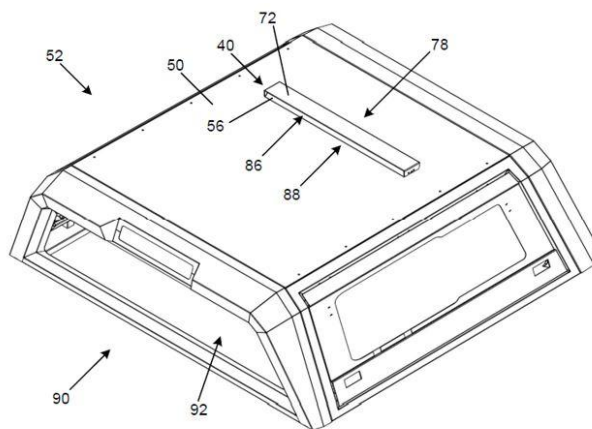


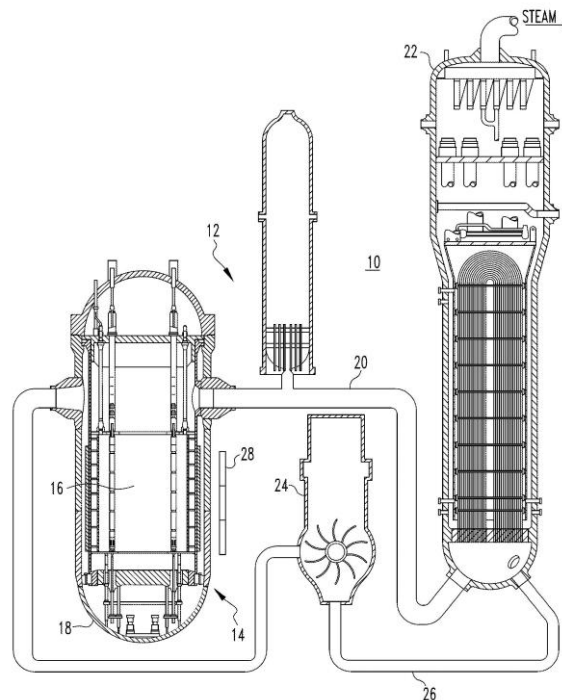
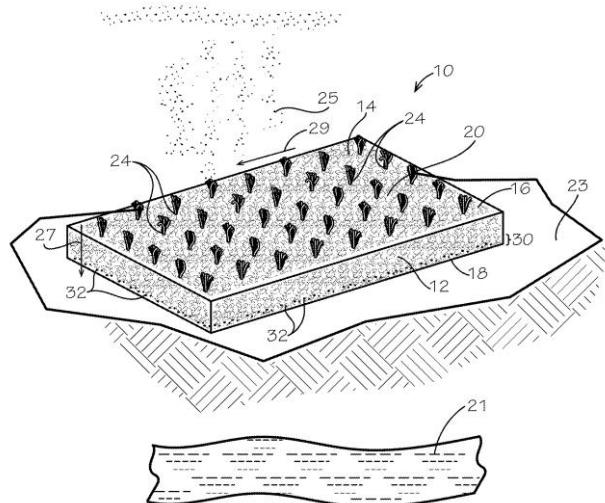
Figure 7

21: 2020/03725. 22: 2020/06/19. 43: 2024/10/10
 51: B32B; D05C; E01C; E02D
 71: WATERSHED GEOSYNTHETICS LLC
 72: COOLEY, Bradford H, AYERS, Michael R.
 33: US 31: 62/591,428 32: 2017-11-28

54: STABILIZED WATER FLOW CONTROL GROUND COVER

00: -
 A non-woven mat of randomly oriented thermoplastic or polymeric fibers defining interstitial gaps that form interference pathways for non-direct water flow therethrough, whereby the mat being disposed on a ground surface moderates a rate of flow of environmental water for increased seepage of the environmental water into a subground and resists rapid lateral flow of environmental water across the ground cover, and with a stabilization layer in a

bottom surface portion of the mat or optionally secured with staples to the ground. A method of forming a stabilized water flow control ground cover is disclosed.



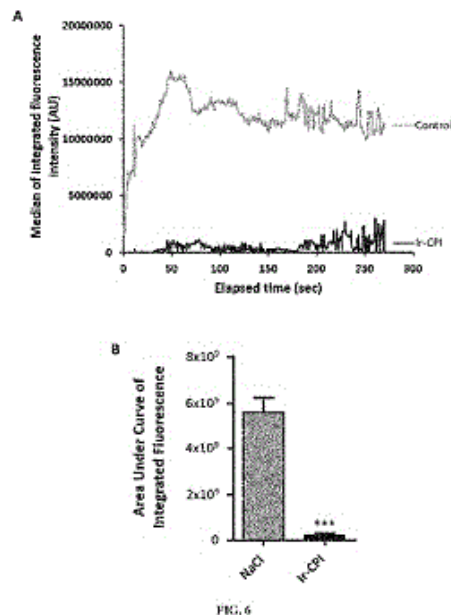
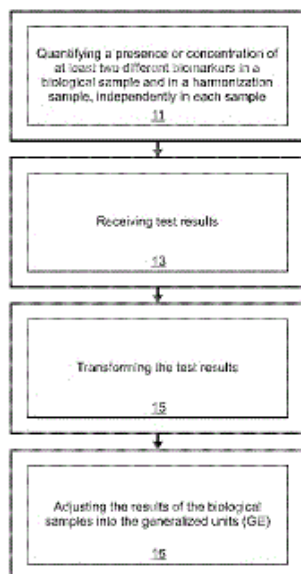
21: 2020/03838. 22: 2020/06/24. 43: 2024/09/10
 51: G06F; G21C; G21D
 71: Westinghouse Electric Company LLC
 72: SEBASTIANI, Patrick J., DICUS, Mark W., GROBMYER, Louis R.
 33: US 31: 62/597,571 32: 2017-12-12
54: SUBCRITICAL CORE REACTIVITY BIAS PROJECTION TECHNIQUE

00: -
 A method to determine a global core reactivity bias and the corresponding estimated critical conditions of a nuclear reactor core prior to achieving reactor criticality. The method first requires collection and evaluation of the inverse count rate ratio (ICRR) data; specifically, fitting measured ICRR vs. predicted ICRR data. The global core reactivity bias is then determined as the amount of uniform reactivity adjustment to the prediction that produces an ideal comparison between the measurement and the prediction.

21: 2020/04086. 22: 2020/07/03. 43: 2024/09/18
 51: G16H; G06F
 71: PHADIA AB
 72: MATSSON, PER, ANDERSSON, KARL, BERNARDO, JOSEPH
 33: US 31: 62/620,114 32: 2018-01-22
54: METHOD FOR THE HARMONIZATION OF ASSAY RESULTS

00: -
 Methods for harmonization of test results from a biological sample in a multiplexed biochemical assay, wherein presence and/or concentration of multiple biomarkers are determined at the same time in the same sample, making test results obtained in different laboratories comparable comprise: quantifying a presence or concentration of at least two different biomarkers in a biological sample and in a harmonization standard sample, independently in each sample, by means of a defined multiplexed biochemical assay implemented in a defined type of analytical instrument; receiving the test results from the samples into a computer-based decision engine for harmonization of test results from biological samples; and transforming the test results received from the biological sample, which includes transforming the test results from the harmonization standard sample into generalized units and adjusting

the test results of the biological sample into the generalized units, GE.



21: 2020/04151. 22: 2020/07/07. 43: 2024/09/18
 51: C07K; A61K; A61P
 71: BIOXODES
 72: PIREAUX, VALÉRIE, DEMOULIN, STÉPHANIE,
 GODFROID, EDMOND, TASSIGNON, JOËL,
 DEROCHETTE, SANDRINE, GUYAUX, MICHEL
 33: US 31: 62/624,997 32: 2018-02-01
 33: EP 31: 18186061.0 32: 2018-07-27

54: ANTICOAGULANT PROTEINS AND THEIR USE FOR TREATING DISEASES ASSOCIATED WITH THE ACTIVATION OF NEUTROPHILS

00: -
 The present invention relates to a protein or polypeptide comprising an Ixodes ricinus salivary gland polypeptide, a fragment or a variant thereof, and its use for inhibiting the extrinsic coagulation pathway and for treating and/or preventing diseases and conditions associated to the recruitment and activation of neutrophils following activation of the extrinsic coagulation pathway. In particular, the present invention relates to the use of a protein comprising an Ixodes ricinus salivary gland polypeptide, a fragment or a variant thereof, for the treatment and/or prevention of any thrombotic events associated with the recruitment and activation of neutrophils following activation of the extrinsic coagulation pathway.

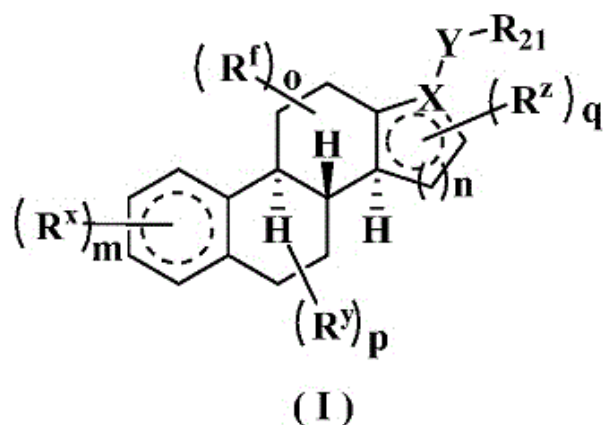
21: 2020/04181. 22: 2020/07/08. 43: 2024/09/18
 51: C07J; A61K; A61P
 71: JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD., SHANGHAI HANSOH BIOMEDICAL CO., LTD.

72: SU, YIDONG, CHEN, XIAOPO, WANG, JUN, BAO, RUDI

33: CN 31: 201810180543.4 32: 2018-03-05
 33: CN 31: 201811407557.1 32: 2018-11-23
 33: CN 31: 201810491114.9 32: 2018-05-21
 33: CN 31: 201810141153.6 32: 2018-02-11

54: STEROID DERIVATIVE REGULATORS, METHOD FOR PREPARING THE SAME, AND USES THEREOF

00: -
 The present invention relates to steroid derivative regulators, a method for preparing the same, and uses thereof. Specifically, the present invention relates to a compound as shown in formula (I), a preparation method therefor, a pharmaceutical composition containing the compound, and uses thereof as a regulator of GABA_A receptor for treating depression, convulsion, Parkinson's disease, and nervous system diseases, wherein the substituents of the formula (I) are as defined in the description.



21: 2020/04185. 22: 2020/07/08. 43: 2024/09/18

51: C08J; C08L; A61L

71: NESTLÉ SKIN HEALTH SA

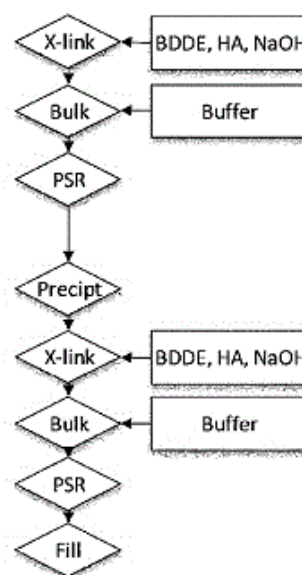
72: ÖHRLUND, ÅKE, KARLSSON, MORGAN

33: EP 31: 17210247.7 32: 2017-12-22

54: INJECTABLE GEL PRODUCT

00: -

The present invention provides a method of producing an injectable gel product, comprising the steps of a) cross-linking a first glycosaminoglycan (GAG) with a first crosslinking agent to produce a gel, wherein the charging ratio of crosslinking agent to disaccharide unit is below 0.15; b) preparing particles of the gel from step a); c) mixing the glycosaminoglycan (GAG) gel particles of step b) with a second glycosaminoglycan (GAG) to provide a mixture; d) cross-linking the mixture of step c) with a second crosslinking agent to obtain cross-linking between the glycosaminoglycans (GAGs) of the second, outer phase, thereby providing a gel having a first, inner phase of the cross-linked glycosaminoglycan (GAG) gel particles, embedded in a gel of the second, outer phase comprising the second glycosaminoglycan (GAG), and e) preparing injectable particles of the gel from step d), each such particle containing a plurality of the cross-linked GAG gel particles of the first, inner phase. The present invention further provides an injectable gel product, an aqueous composition, and a pre-filled syringe.



21: 2020/04219. 22: 2020/07/09. 43: 2024/09/18

51: C07C; H01M

71: CMBLU ENERGY AG

72: HARTWIG, JAN, KRAWCZYK, NASTARAN, MÖLLER, ALEXANDER, GEIGLE, PETER, LARIONOV, EVGENY

33: EP 31: PCT/EP2018/053599 32: 2018-02-13

54: AMINATED LIGNIN-DERIVED COMPOUNDS AND USES THEREOF

00: -

The present invention relates to novel lignin-derived compounds and compositions comprising the same and their use as redox flow battery electrolytes. The invention further provides a method for preparing said compounds and compositions as well as a redox flow battery comprising said compounds and compositions. Additionally, an assembly for carrying out the inventive method is provided.

21: 2020/04704. 22: 2020/07/29. 43: 2024/09/18

51: A62C

71: VICTAULIC COMPANY

72: DESROSIER, JOHN, ARCHIBALD, THOMAS EDWIN, MAUGHAN, KEVIN DESMOND, ROGERS, KENNETH WAYNE, GORDON, KIM PHILLIP, MEYER, STEPHEN J

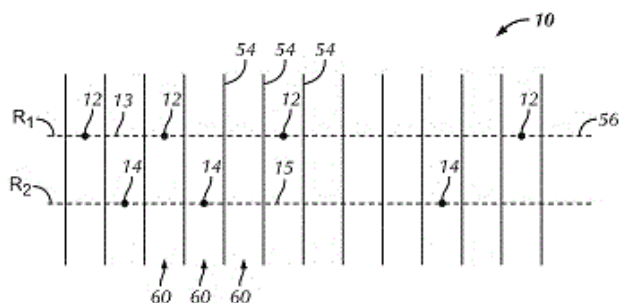
33: US 31: 62/630,313 32: 2018-02-14

54: FIRE PROTECTION SYSTEM FOR SLOPED COMBUSTIBLE CONCEALED SPACES

00: -

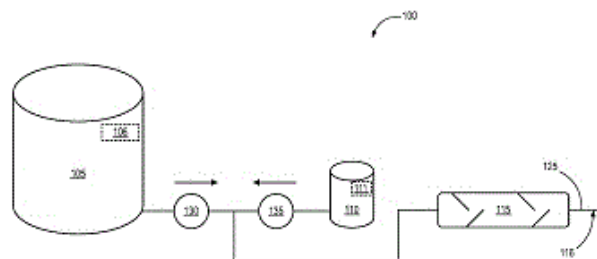
A fire protection system is provided for a space having a pitched roof constructed of structural members extending from a ridgeline to an eave, with

respective channels therebetween. A first row of sprinklers is mounted to a first branch line extending generally parallel to the ridgeline. Each sprinkler is positioned within a respective channel, with consecutive sprinklers spaced apart having no less than one, and no more than five, channels therebetween. A second row of sprinklers, downslope from the first row, is mounted to a second branch line extending generally parallel to the first branch line. Each sprinkler thereof is positioned within a respective channel, with consecutive second row sprinklers spaced apart as in the first row. Each second row sprinkler is also placed within a different channel from each first row sprinkler. A farthest number of channels between a first row sprinkler and a second row sprinkler is three.



21: 2020/04789. 22: 2020/07/31. 43: 2024/09/18
 51: C06B; F42D; B01F
 71: DYNO NOBEL ASIA PACIFIC PTY LIMITED
 72: DE VRIES, BEN, GORE, JEFF, PARIS, NATHAN, SAMAT, SAVAS, SMITH, ZOE
 33: AU 31: 2018900878 32: 2018-03-16
54: EXTERNAL HOMOGENIZATION SYSTEMS AND METHODS RELATED THERETO

00: -
 Systems for delivering explosives including homogenizing agents and methods of delivering explosives including homogenizing agents are provided. Methods of mixing homogenizing agents with emulsion matrices are also provided. The methods can include supplying an emulsion matrix, mixing a homogenizing agent with the emulsion matrix into a mixed product, and homogenizing the mixed product into a homogenized product. The homogenized product can be sensitized and/or conveyed to a blasthole.



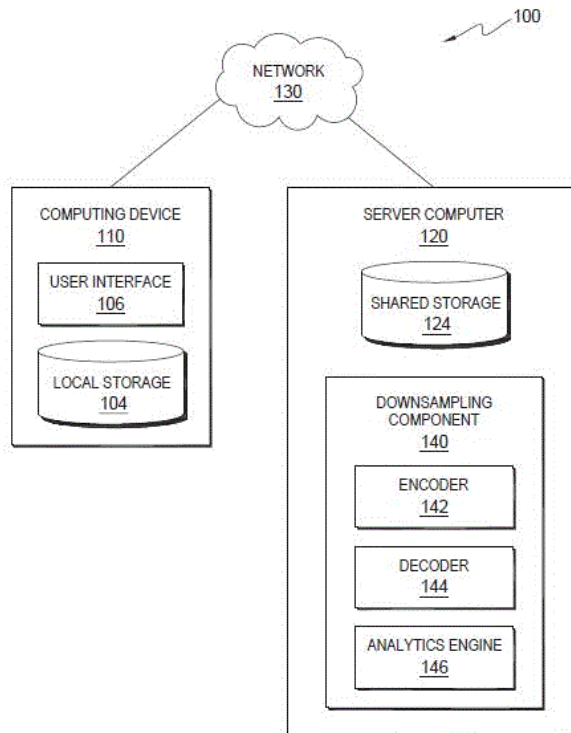
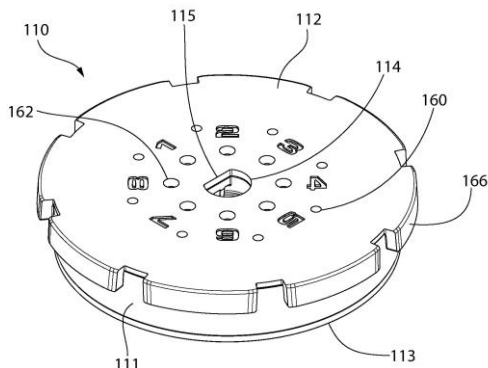
21: 2020/04848. 22: 2020/08/05. 43: 2024/11/11
 51: A61K
 71: IONIS PHARMACEUTICALS, INC.
 72: KIM, Youngsoo, MACLEOD, Robert, BUI, Huynh-Hoa, FREIER, Susan, M., ZHOU, TIANYUAN
 33: US 31: 62/637,981 32: 2018-03-02
54: MODULATORS OF IRF4 EXPRESSION

00: -
 The present embodiments provide methods, compounds, and compositions useful for inhibiting IRF4 expression, which may be useful for treating, preventing, or ameliorating a cancer associated with IRF4.

21: 2020/05862. 22: 2020/09/22. 43: 2024/10/28
 51: B01L; G01N
 71: PRECISION PLANTING LLC
 72: SWANSON, Todd, KOCH, Dale, VACCARI, Adam
 33: US 31: 62/665,030 32: 2018-05-01
54: ANALYTICAL CARTRIDGE FOR TESTING AND RELATED METHODS

00: -
 A rotary analysis apparatus and related methods are disclosed. The apparatus generally includes a rotary machine operable to rotate or spin a removable disk-type analytical cartridge. The cartridge includes a plurality of fluidly isolated processing trains for processing multiple samples simultaneously. Each process train includes an extractant mixing chamber, slurry filtration chamber, supernatant collection chamber, and reagent mixing chamber in fluid communication. In one use, soil sample slurry is prepared and added to the extractant mixing chamber. The slurry is mixed with an extractant by rotating the cartridge to separate out an analyte from the mixture. A sediment filter in the filtration chamber deliquesces and traps soil particles to produce clear supernatant. A color changing reagent or fluorescent agent may be mixed with the collected supernatant

for subsequent colorimetric, fluorescent, turbidimetric, or other type of analysis.



21: 2020/07739. 22: 2020/12/11. 43: 2024/09/09
51: G06F; G06N; G16B

71: International Business Machines Corporation
72: MAPIYE, Darlington Shingirirai, MASHIYANE, James, MULLER, Stephanie Julia, MOKOATLE, Mpho, DLAMINI, Gciniwe

33: US 31: 16/918,012 32: 2020-07-01

54: DOWNSAMPLING GENOMIC SEQUENCE DATA

00: -

In an approach to automatically downsampling DNA sequence data using variational autoencoders and preserving genomic integrity of an original file embodiments execute, by an encoder, bootstrapping on genomic sequence data to produce resamples. Furthermore, embodiments assess, by the encoder, unrepresentativeness and self-inconsistency of the resamples and selecting a representative resample according to the assessment, and build, by a modified encoder, vector representations from genotype likelihoods based on the selected representative sample. Additionally, embodiments integrate, by an analytics engine, mapping positional information and the genotype likelihoods to identify an optimum vector representation of a resample, and decode, by a modified decoder, the identified optimum vector representation of the resample to obtain a down-sampled read file that resembles and maintains the genomic integrity of the original file.

21: 2021/01554. 22: 2021/03/08. 43: 2024/10/29
51: G06Q

71: ENTERSEKT INTERNATIONAL LIMITED
72: OOSTHUIZEN, Gerhard Gysbert, BESTER, Daniël Deetlefs, WESSELS, Tertius, VAN DER MERWE, Jonathan Daniel

33: ZA 31: 2018/06913 32: 2018-10-17

54: PROVIDING COMPUTER-GENERATED CONTEXTUAL DATA TO AN END-POINT DURING A DIGITAL TRANSACTION

00: -

A system and method for providing computer-generated contextual data to an end-point during a digital transaction is provided. A method includes receiving a trigger message relating to a digital transaction between a consumer and a second entity. The trigger message includes a consumer identifier uniquely associated with the consumer and transaction details at least including a characteristic associated with the digital transaction. A data message including information based on an evaluation of the transaction details against a consumer-linked transaction matrix is obtained. The consumer-linked transaction matrix is linked to the consumer and includes information relating to the digital transaction. The data message is transmitted to a remote device with which the consumer

interacts during pendency of the transaction and is configured to cause the device to output a prompt to the consumer displaying the data message.

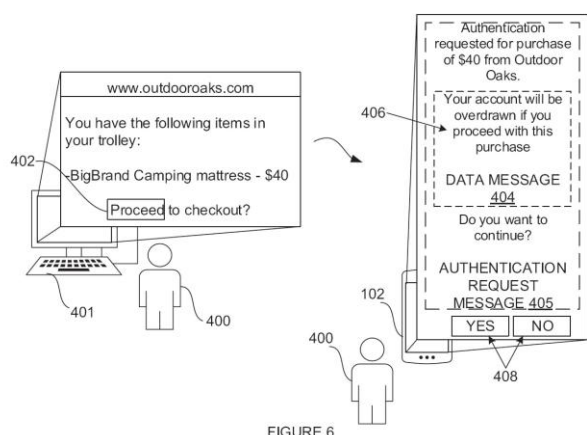


FIGURE 6

21: 2021/01938. 22: 2021/03/23. 43: 2024/09/11
51: A61K; A61P; C07K; C12N
71: Shenzhen Pregene Biopharma Co. Ltd
72: ZHANG, Jishuai, LI, Hongjian, SU, Hongchang,
BAO, Chaolemeng, SONG, Zongpei, CAI, Qinghua,
DING, Yijin, CAI, Zhibo

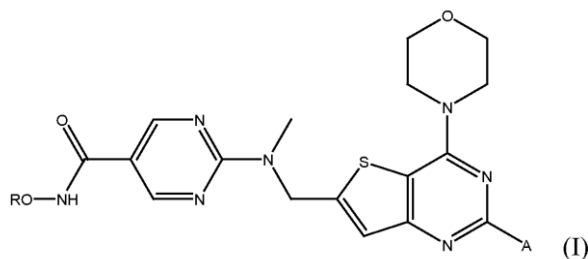
33: CN 31: 201810972053.8 32: 2018-08-24
**54: BCMA CHIMERIC ANTIGEN RECEPTOR
BASED ON SINGLE DOMAIN ANTIBODY AND
USE THEREOF**

00: -
A chimeric antigen receptor (CAR) and the use thereof, the CAR comprising: a BCMA binding domain, a transmembrane domain, one or more co-stimulatory domains, and an intracellular signaling domain, wherein the BCMA binding domain comprises heavy chain complementarity determining regions HCDR1-3, and the amino acid sequences of the HCDR1-3 are successively as shown in SEQ ID NO: 1-3.

21: 2021/02241. 22: 2021/04/01. 43: 2024/09/25
51: A61K
71: CURIS INC
72: WANG, Jing, PATTERSON, Troy, David, TIAN, Ze
33: US 31: 62/729,648 32: 2018-09-11
**54: COMBINATION THERAPY WITH A
PHOSPHOINOSITIDE 3-KINASE INHIBITOR WITH
A ZINC BINDING MOIETY**

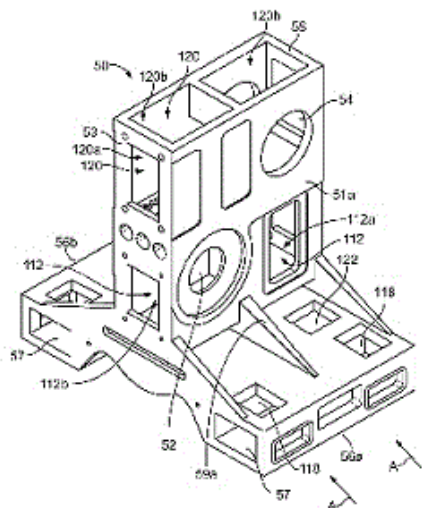
00: -
The invention provides a method of treating cancer in a subject in need thereof, comprising administering to the subject: (a) a compound of

Formula I: (I) or a pharmaceutically acceptable salt thereof, wherein R is hydrogen or an acyl group; and (b) a PD-1 signaling inhibitor; wherein the compound of Formula I or pharmaceutically acceptable salt thereof and the PD-1 signaling inhibitor are administered in amounts which in combination are therapeutically effective. The invention further provides a pharmaceutical composition comprising a compound of Formula I or a pharmaceutically acceptable salt thereof, a PD-1 signaling inhibitor and a pharmaceutically acceptable carrier or excipient.



21: 2021/02845. 22: 2021/04/28. 43: 2024/09/23
51: B21D; F16M
71: BELVAC PRODUCTION MACHINERY, INC.
72: GREEN, DENNIS E, MCKINNEY, LARRY D,
SHORTRIDGE, JEFFREY L
33: US 31: 62/744,186 32: 2018-10-11
**54: VERSATILE BASE FOR CAN NECKING
SYSTEM**

00: -
A symmetric, modular base for a can processing system. The base includes a leg portion comprising a plurality of openings adapted for receiving at least one of a transfer star wheel and a turret mechanism configured to perform a working operation on an article. The base further includes a first foot portion extending from a first side of the leg portion. The base further includes a second foot portion extending from the second side of the leg portion. The base further includes a plurality of openings in the first foot portion and the second foot portion, the plurality of openings of the first and second foot portion providing access to an interior portion of the base. The base is generally symmetric about a center line drawn vertically through a midpoint of the leg portion of the base between the first foot portion and the second foot portion to allow for mounting of components on either a first side or a second side of the base.



<chem>C1=CC=C(C=C1)C(=O)N(C)C(F)(F)F</chem> Compound 100	CDK7 K_i (nM) = 0.057		<chem>C1=CC=C(C=C1)C(=O)N(C)C(F)(F)F</chem> Comparator 1	CDK7 K_i (nM) = 0.18	
	CDK12 K_i (nM)	(K_i $K_{0.5}$) (nM)		CDK12 K_i (nM)	(K_i $K_{0.5}$) (nM)
	290	4000		51	280
<chem>C1=CC=C(C=C1)C(=O)N(C)C(F)(F)F</chem> Compound 101	CDK7 K_i (nM) = 0.065		<chem>C1=CC=C(C=C1)C(=O)N(C)C(F)(F)F</chem> Comparator 2	CDK7 K_i (nM) = 0.45	
	CDK12 K_i (nM)	(K_i $K_{0.5}$) (nM)		CDK12 K_i (nM)	(K_i $K_{0.5}$) (nM)
	1500	20000		210	1700
<chem>C1=CC=C(C=C1)C(=O)N(C)C(F)(F)F</chem> Compound 102	CDK7 K_i (nM) = 0.054		<chem>C1=CC=C(C=C1)C(=O)N(C)C(F)(F)F</chem> Comparator 3	CDK7 K_i (nM) = 0.21	
	CDK12 K_i (nM)	(K_i $K_{0.5}$) (nM)		CDK12 K_i (nM)	(K_i $K_{0.5}$) (nM)
	800	12000		18	49
<chem>C1=CC=C(C=C1)C(=O)N(C)C(F)(F)F</chem> Compound 103	CDK7 K_i (nM) = 0.059		<chem>C1=CC=C(C=C1)C(=O)N(C)C(F)(F)F</chem> Comparator 4	CDK7 K_i (nM) = 0.24	
	CDK12 K_i (nM)	(K_i $K_{0.5}$) (nM)		CDK12 K_i (nM)	(K_i $K_{0.5}$) (nM)
	590	6000		26	170
<chem>C1=CC=C(C=C1)C(=O)N(C)C(F)(F)F</chem> Compound 104	CDK7 K_i (nM) = 0.059		<chem>C1=CC=C(C=C1)C(=O)N(C)C(F)(F)F</chem> Comparator 5	CDK7 K_i (nM) = 0.24	
	CDK12 K_i (nM)	(K_i $K_{0.5}$) (nM)		CDK12 K_i (nM)	(K_i $K_{0.5}$) (nM)
	290	4900		30	89

21: 2021/02999. 22: 2021/05/04. 43: 2024/09/23
51: A61K; C07F; A61P

71: SYROS PHARMACEUTICALS, INC.
72: MARINEAU, JASON J, CHUAQUI, CLAUDIO, BRADLEY, MICHAEL, CIBLAT, STEPHANE, KABRO, ANZHELIKA

33: US 31: 62/877,189 32: 2019-07-22

33: US 31: 62/927,469 32: 2019-10-29

33: US 31: 62/754,398 32: 2018-11-01

33: US 31: 62/915,983 32: 2019-10-16

54: INHIBITORS OF CYCLIN-DEPENDENT KINASE 7 (CDK7)

00: -

The present invention provides various compositions, including compounds of Formula (I) or (Ia), or a species thereof, and pharmaceutically acceptable salts, solvates (e.g., hydrates), stereoisomer, tautomers, isotopic and other specified forms thereof. Also provided are methods (or uses) and kits involving the compounds or pharmaceutically acceptable compositions containing them for treating or preventing a disease (e.g., a proliferative disease such as cancer) in a subject. Administration of a compound or pharmaceutical composition described herein is expected to inhibit cyclin-dependent kinase 7 (CDK7), and thereby, induce apoptosis in tumor cells in the subject.

21: 2021/03132. 22: 2021/05/10. 43: 2024/10/29
51: A61K; C07C; A61P

71: ALAR PHARMACEUTICALS INC.

72: LIN, Tong-Ho, WEN, Yung-Shun, CHEN, Chia-Hsien, CHANG, Wei-Ju

33: US 31: 62/791,058 32: 2019-01-11

33: US 31: 62/871,763 32: 2019-07-09

54: KETAMINE PAMOATE AND USE THEREOF
00: -

Provided are pamoate salts of ketamine having a stoichiometry of 2: 1 of ketamine to pamoate, including R, S-ketamine pamoate, S-ketamine pamoate, or R-ketamine pamoate, and crystalline or amorphous forms of the pamoate salts, and having excellent safety and properties for pharmaceutical applications. Also provided are pharmaceutical compositions including the pamoate salts of ketamine and their uses in treating a CNS disease or serving as an anesthetic.

21: 2021/03289. 22: 2021/05/14. 43: 2024/09/09
51: A23F; A23N

71: Société des Produits Nestlé S.A.

72: DUBIEF, Flavien, CECCAROLI, Stefano, BIGLER, Nicolas

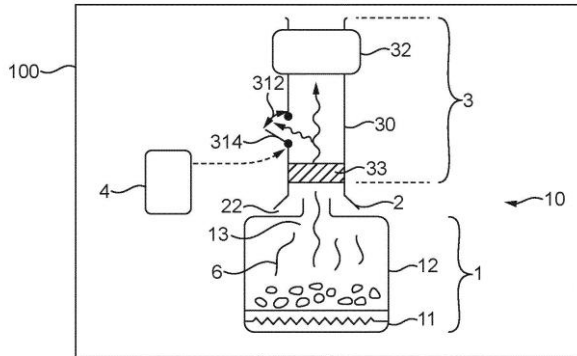
33: EP(CH) 31: 18202851.4 32: 2018-10-26

54: APPARATUS AND METHOD FOR ROASTING COFFEE BEANS

00: -

The invention concerns a method for roasting coffee beans with a roasting apparatus (10) said roasting apparatus being positioned in a room and said roasting apparatus comprising : • - a roasting device

(1), and • - a smoke treating unit (3) configured to treat the smoke produced in the roasting device (1) and to prevent the dispense of air contaminants in the room.



21: 2021/03290. 22: 2021/05/14. 43: 2024/09/09
51: B65D

71: Société des Produits Nestlé S.A.
72: TALON, Christian, HEYDEL, Christophe Sébastien Paul, BONACCI, Enzo, DEBEFVE, Elodie, RIBEYROL, Amandine

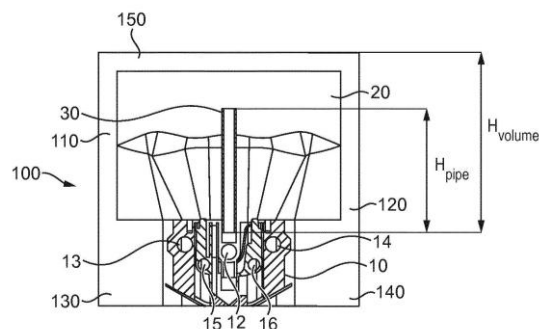
33: EP(CH) 31: 18202634.4 32: 2018-10-25

54: PACK FOR PREPARING FOOD OR BEVERAGE PRODUCTS

00: -

The invention relates to a pack (100) for the preparation of a food or beverage product comprising an insert (10) and a container (20), the container (20) being configured by at least one flexible sheet folded in such a way to configure a container where the ingredients for the food or beverage product are stored, the water to extract and/or infuse and/or dissolve and/or reconstitute the ingredients in the container (20) and to prepare the food or beverage product being introduced through the insert (10) through an injection hole (11) and into an inlet chamber (191), the food or beverage product once prepared being also dispensed through this insert (10), the pack (100) presenting a generally plane shape and being essentially vertically oriented during food or beverage production with the insert (10) arranged at the lower side of the pack (100) so the water is supplied into the volume of the container in an upward direction; such that the pack (100) further comprises an inlet channel (30) arranged at the inlet chamber (191) and extending vertically inside the volume of the container (20) in such a way that the water introduced via the insert (10) is

conducted by the channel (30) and enters the inner volume of the container (20) through this channel (30), the height (H_{pipe}) of the channel (30) in the volume of the container being such that it is arranged above the ingredients in the container and allows the water exiting the channel (30) to wet the ingredients from the upper part of these, avoiding turbulence. The invention further relates to the use of a pack (100) for preparing a food or beverage product and to a method for preparing such a food or beverage product.



21: 2021/03464. 22: 2021/05/21. 43: 2024/09/09
51: A47J

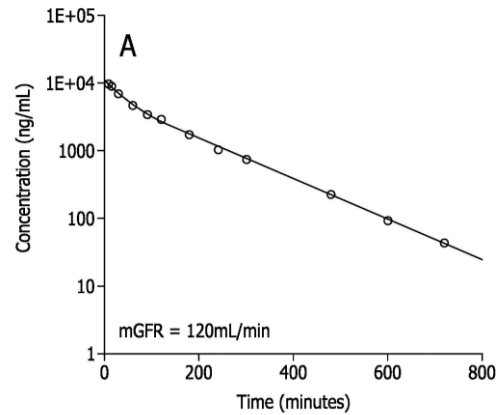
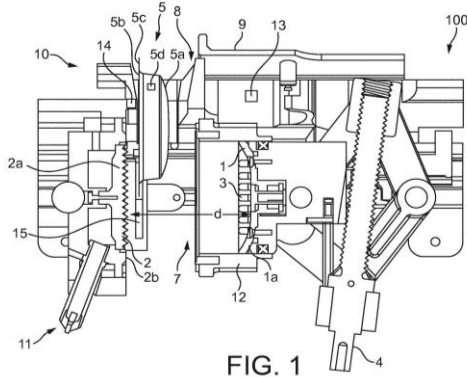
71: Société des Produits Nestlé S.A.
72: PACAULT, Jean, TALON, Christian, HEYDEL, Christophe Sébastien Paul, GRES, Nicolas
33: EP(CH) 31: 18203978.4 32: 2018-11-01

54: CAPSULE SYSTEM WITH RECOGNITION MEANS AND ADAPTABLE OPENING AND INJECTION MECHANISM

00: -

The invention relates to a beverage preparation device (100) for preparing a beverage upon interaction of ingredients provided in a capsule (5) with liquid supplied thereto, the device comprising an injection module (10) comprising a first (1) and a cooperating second enclosing member (2) designed for being moved relatively to each other, the first enclosing member being equipped with capsule opening and injection means (3) for opening a first inlet face (5a) of a capsule (5) and inject liquid into the capsule, the first and second enclosing member (1,2) being designed for being brought into at least a first capsule insertion position for inserting a capsule between the enclosing members (1,2) and a second capsule enclosing position in which the opening and injection means (3) engage the liquid inlet face (5a) of the capsule (5), the device (100) further

comprising control means (13) designed for setting at least the capsule enclosing position based on information read from the capsule and/or based on information provided by a user input.



21: 2021/03499. 22: 2021/05/24. 43: 2024/09/09
51: A61K; A61P; C07D
71: MediBeacon Inc.

72: RAJAGOPALAN, Raghavan, DORSHOW, Richard B., NEUMANN, William L., ROGERS, Thomas E.

33: US 31: 62/577,951 32: 2017-10-27

54: METHODS FOR RENAL FUNCTION DETERMINATION

00: -

The present disclosure relates to systems and methods for determining the renal glomerular filtration rate or assessing the renal function in a patient in need thereof. The method includes administering a pyrazine compound of Formula (I) to a patient and monitoring the rate in which the kidneys of the patient eliminate the pyrazine from the systemic circulation of the patient. The pyrazine compound fluoresces when exposed to electromagnetic radiation which is detected using one or more sensors. The rate in which the fluorescence decreases in the patient is used to calculate the renal glomerular filtration rate in the patient.

21: 2021/03647. 22: 2021/05/27. 43: 2024/09/16
51: B60L; B60T; B65H; B66D; E21C; E21F; H02G
71: Sandvik Mining and Construction Oy

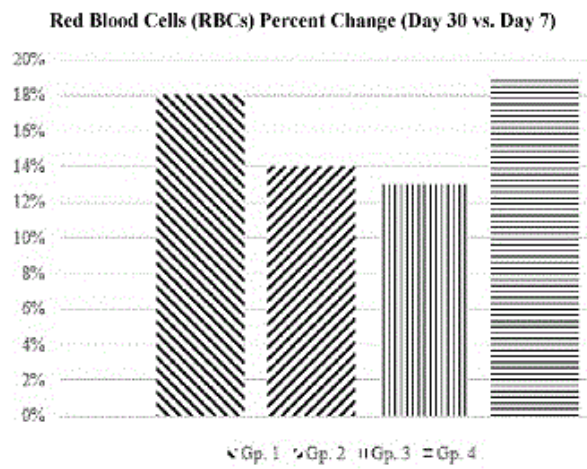
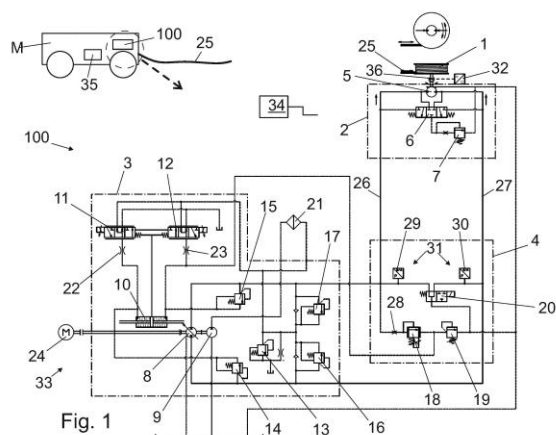
72: HAIKIO, Sami, AHO, Heikki

33: EP(FI) 31: 18209979.6 32: 2018-12-04

54: ARRANGEMENT IN UNDERGROUND MINING MACHINE, AND METHOD

00: -

An arrangement and method of underground mobile mining machine (M) for cable reeling. The arrangement comprises a reel (1), and hydraulic components, comprising: a hydraulic motor (5) connected to and for rotating the reel, a tension control valve manifold (4) configured to control tension of the cable, a pump (8) hydraulically coupled to the hydraulic motor (5) by a reeling-in line (26) and a reeling out line (27), the pump arranged to control pressure fluid flow and direction, a control device (10) arranged to control displacement and the pumping direction of the pump (8), a pump proportional valve (11) arranged to control displacement and delivery of the pump (8), and connected to the control device (10), a first throttle (22) arranged between the pump proportional valve (11) and the control device (10), a second throttle (23) connected to the control device (10). The hydraulic components establishes a closed hydraulic system, and the pump (8) is connected to a system (33) configured to generate a braking moment counteracting a moment caused by a cable (25) unwinding from the reel (1).



- 1: Control
- 2: Ryanodex pre-irradiation
- 3: Ryanodex post-irradiation single dose
- 4: Ryanodex post-irradiation multiple dose (days 1-5)

21: 2021/03766. 22: 2021/06/01. 43: 2024/09/16
 51: C07K; A61K; A61P
 71: XYPHOS BIOSCIENCES INC.
 72: KIM, KAMAN, MARTIN JR, DAVID W, WILLIAMS, STEVEN

33: US 31: 62/755,776 32: 2018-11-05
54: NON-NATURAL NKG2D RECEPTORS THAT DO NOT DIRECTLY SIGNAL THE CELLS TO WHICH THEY ARE ATTACHED

00: -
 The present disclosure relates to non-natural NKG2D receptors attached to mammalian cell surfaces wherein the non-natural receptors do not directly signal or directly activate the cell when the receptor is bound by cognate non-natural $\alpha 1$ - $\alpha 2$ domains of NKG2D ligands modified to specifically bind the non-natural NKG2D receptors. The non-natural $\alpha 1$ - $\alpha 2$ domains of NKG2D ligands may be attached to heterologous atoms or molecules including polypeptides, in some embodiments cytokines or modified cytokines, antibodies or fragments of antibodies.

21: 2021/03828. 22: 2021/06/03. 43: 2024/10/29
 51: H04B
 71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
 72: STAVRIDIS, Athanasios, LOPEZ, Miguel, WILHELMSSON, Leif

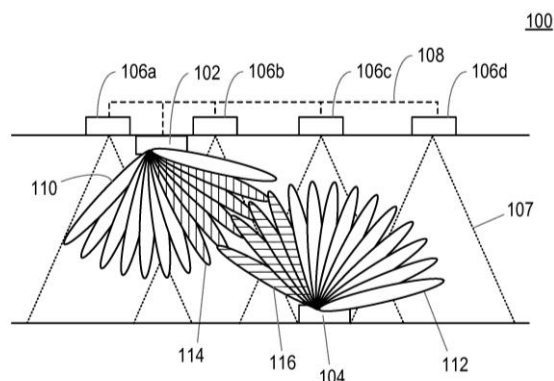
54: METHODS, APPARATUS AND MACHINE-READABLE MEDIUMS RELATED TO WIRELESS ACCESS IN COMMUNICATION NETWORKS

00: -
 Methods, apparatus and non-transitory machine-readable mediums are provided for wireless access in communications networks comprising radio access network nodes and wireless light communication network nodes. In one embodiment, a method is performed by a radio access network node for selecting a transmit or receive beam for communication with a wireless device in a communication network. The radio access network node comprises a plurality of antenna elements configurable to provide a plurality of transmit or receive beams. The communication network further comprises one or more wireless light communication, LC, network nodes. The method comprises: obtaining information identifying a wireless LC network node to which the wireless device is connected; based on the identified wireless LC network node, selecting a subset of the plurality of transmit or receive beams; and initiating a beam-sweeping procedure using the subset of transmit or receive beams to select a transmit or receive beam for communication with the wireless device.

21: 2021/03788. 22: 2021/06/02. 43: 2024/09/16
 51: A61K; A61P
 71: EAGLE RESEARCH LABS LIMITED
 72: HEPNER, ADRIAN
 33: US 31: 62/772,001 32: 2018-11-27

54: USE OF DANTROLENE AND DANTROLENE PRODRUGS TO TREAT RADIATION EXPOSURE

00: -
 The disclosure is directed to methods of using dantrolene, dantrolene prodrugs, or pharmaceutically acceptable salts thereof, to treat radiation exposure.



21: 2021/03844. 22: 2021/06/04. 43: 2024/11/11

51: A61K; C07D; A61P

71: EXELIXIS, INC.

72: SHAH, Khalid, DEMORIN, Frenel, SHAKYA, Sagar, WONG, Peter, JOHNSON, Courtney, S., BEVILL, Melanie, Janelle, PARENT, Stephan, D.

33: US 31: 62/779,430 32: 2018-12-13

33: US 31: 62/856,469 32: 2019-06-03

54: CRYSTALLINE FORMS AND SALT FORMS OF A KINASE INHIBITOR

00: -

The present invention relates to crystalline forms of the free base of the c-Met inhibitor, Compound 1. The invention also relates to crystalline forms of salts of Compound 1. The invention also relates to pharmaceutical compositions comprising the solid polymorphs of the free base and salts of Compound 1. The invention further relates to methods of treating a disease, disorder, or syndrome mediated at least in part by modulating in vivo activity of a protein kinase.

21: 2021/03845. 22: 2021/06/04. 43: 2024/09/11

51: C02F B01J

71: CARBONET NANOTECHNOLOGIES INC.

72: CARLSON, Michael, CATALDO-HERNANDEZ, Macarena, CULOTTA, Anne Marie, HAZIN, Khatera

33: US 31: 62/774,822 32: 2018-12-03

33: US 31: 62/775,682 32: 2018-12-05

33: US 31: 62/775,696 32: 2018-12-05

33: US 31: 62/775,708 32: 2018-12-05

54: NANONETS FOR REMOVAL OF CONTAMINANTS FROM AQUEOUS SOLUTIONS, KITS THEREFOR AND METHODS OF THEIR USE

00: -

Provided are nanonets comprising a) a surfactant aggregate having an average aggregate diameter; and b) a polymer having an average particle diameter which average particle diameter is the

same or smaller than the average aggregate diameter, wherein the nanonet has a diameter larger than the average particle diameter. Also provided are kits therefor and methods for sequestering non-water moieties from aqueous solutions using nanonets.

21: 2021/03852. 22: 2021/06/04. 43: 2024/09/10

51: A23C; A23F; A23L

71: Société des Produits Nestlé S.A.

72: FU, Jun-Tse Ray, ALDAPE FARIAS, Guadalupe Del Carmen, RAMIREZ PAVON, Patricia, SHER, Alexander A.

33: US 31: 62/767010 32: 2018-11-14

54: LIQUID CREAMER

00: -

The present invention relates to creamers for food products such as coffee and tea. In particular, the invention relates to a liquid creamer comprising casein based protein, phospholipids, pectin, calcium, bicarbonate, citrate and oil. Further aspects of the invention are a beverage comprising a liquid creamer and a process for preparing a liquid creamer.

21: 2021/03857. 22: 2021/06/04. 43: 2024/09/16

51: H04N

71: QUALCOMM Incorporated

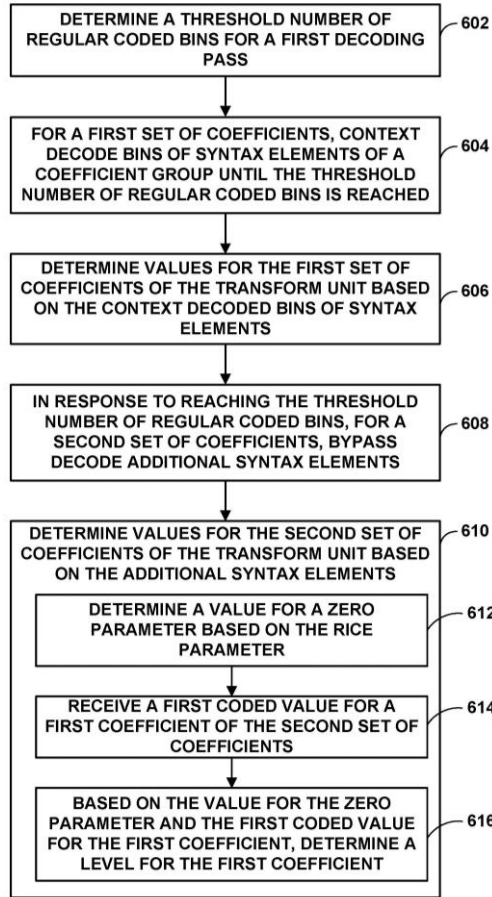
72: KARCZEWICZ, Marta, COBAN, Muhammed Zeyd

33: US 31: 62/776,379 32: 2018-12-06

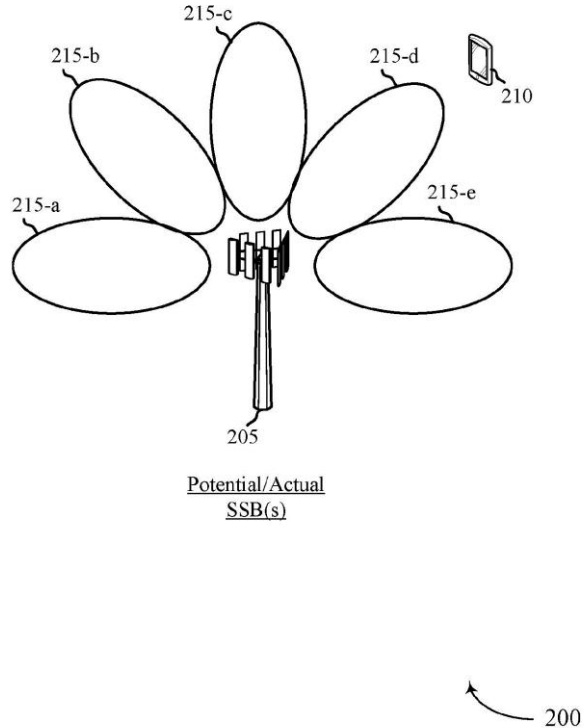
54: REGULAR CODED BIN REDUCTION FOR COEFFICIENT DECODING USING THRESHOLD AND RICE PARAMETER

00: -

A video coder may be configured to determine a value for a zero parameter based on the Rice parameter, wherein the value for the zero parameter identifies a coded value that corresponds to a coefficient level of zero; receive a first coded value for a first coefficient of the second set of coefficients; and based on the value for the zero parameter and the first coded value for the first coefficient, determine a level for the first coefficient.



information based at least in part on the downlink grant. The UE may establish a connection with the base station based at least in part on the SSB and the received system information.



21: 2021/03901. 22: 2021/06/07. 43: 2024/09/16
 51: H04L; H04W
 71: QUALCOMM Incorporated
 72: SUN, Jing, ZHANG, Xiaoxia, BHATTAD, Kapil
 33: IN 31: 201841042779 32: 2018-11-14

54: CONTROL SEARCH SPACE OVERLAP INDICATION

00: -
 A user equipment (UE) may receiving, from a base station, a synchronization signal block (SSB) of a set of quasi-collocated (QCL) SSBs, the SSB comprising an indication of a parameter indicating information associated with a plurality of downlink control channel locations corresponding to the set of QCL SSBs. The UE may determine, based at least in part on the parameter, the plurality of downlink control channel locations corresponding to the set of QCL SSBs. The UE may receive a downlink grant for a system information based at least in part on monitoring one or more downlink control channel locations of the plurality of downlink control channel locations. The UE may receive the system

21: 2021/03914. 22: 2021/06/07. 43: 2024/10/29
 51: A61K; A61P
 71: CHEMOCENTRYX, INC.
 72: GOTOH, Noriko, CAMPBELL, James J.
 33: US 31: 62/778,605 32: 2018-12-12

54: CXCR7 INHIBITORS FOR THE TREATMENT OF CANCER

00: -
 Provided herein are methods of treating cancer in an individual in need thereof, the methods comprising administering to the individual a CXCR7 inhibitor. In some embodiments, additional therapeutic agents are used. Also provided herein are methods of preventing precancerous cells expressing FRS2 β from developing into cancer, the method comprising administering to an individual having precancerous cells expressing FRS2 β a CXCR7 inhibitor. In some embodiments, additional therapeutic agents are used.

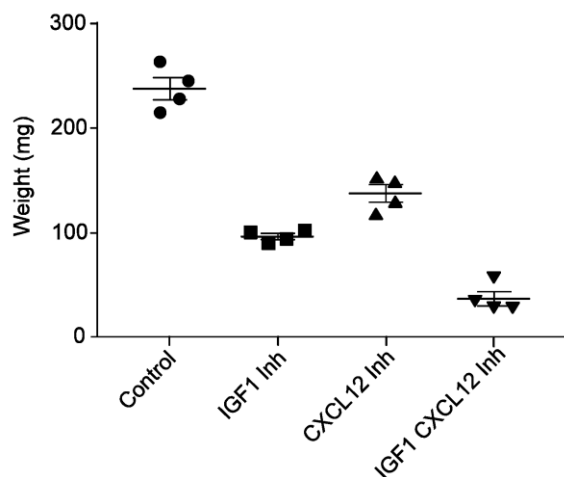


FIG. 5K

21: 2021/03940. 22: 2021/06/08. 43: 2024/09/16
51: A61K

71: Bio Minerals N.V.

72: CALOMME, Mario Remi Yvonne, ISHIHARA, Keno, OKABE, Masako, PASSWATER, Richard Alan

33: EP(BE) 31: 18205367.8 32: 2018-11-09

54: WATER SOLUBLE SILICON-CONTAINING GRANULATE

00: -

A water-soluble silicon-containing granulate comprising a silicon compound of the formula $Y_xSi(OH)_{4-x}$ or an oligomer thereof, wherein Y is optionally substituted (C_1 - C_4)alkyl, (C_2 - C_5)-alkenyl, (C_1 - C_4)-alkoxy, amino, and wherein x is 0-2, and a cold-water soluble starch material.

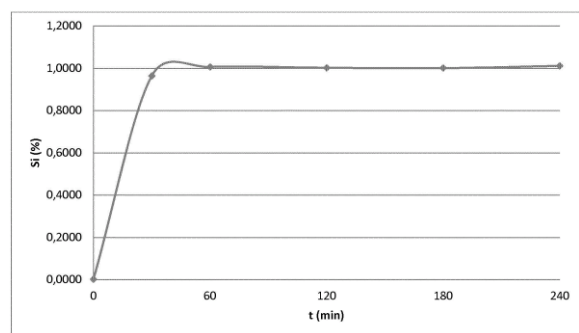


Fig. 1A

21: 2021/03990. 22: 2021/06/10. 43: 2024/09/11
51: A61K; A61M

71: ALCRESTA THERAPEUTICS, INC.

72: GALLOTTO, ROBERT, LORING, GRETA L, GARY, KENNETH, PARK, EDWARD S, BROWN,

DAVID J, SCHOEVAART, WILLEM ROBERT KLAAS, VAN VLIET, MICHEL CHRISTIAN ALEXANDER

33: US 31: 62/241,608 32: 2015-10-14

33: US 31: 15/291,530 32: 2016-10-12

54: ENTERAL FEEDING DEVICES AND RELATED METHODS OF USE

00: -

The invention relates to a device for processing nutritional formula. The device comprises a housing, which housing comprises a chamber; a first opening configured to receive a flow of liquid, wherein the first opening is fluidly connected to the chamber to allow liquid to flow from the first opening into the chamber; and a second opening, wherein the second opening is fluidly connected to the chamber to allow liquid to flow out of the chamber and through the second opening. A plurality of particles are contained within the chamber, wherein lipase is immobilized to the plurality of particles; wherein the plurality of particles are configured to transition from a dry configuration to a wet configuration when exposed to liquid; and wherein, in the dry configuration, the plurality of particles have a moisture level of 0.1% to 5%, and wherein, in the wet configuration, the plurality of particles swell in volume by no more than 20% relative to the dry configuration.

21: 2021/04080. 22: 2021/06/14. 43: 2024/10/29

51: A01N; C01B; C02F

71: BUCKMAN LABORATORIES INTERNATIONAL, INC.

72: LAUNAY, Bruno, KUZNETSOV, Dimitri, MCNEEL, Thomas

33: US 31: 62/773,819 32: 2018-11-30

54: METHOD FOR PRODUCING HALOAMINES AND HALOAMINE SOLUTIONS

00: -

A method for producing a haloamine solution with reduced amounts of halogen oxyanions including (a) the on-site generation of a halogen-containing oxidant, such as a solution and (b) reacting on-site the halogen-containing oxidant with a nitrogen source, to thereby produce the haloamine solution.

21: 2021/04154. 22: 2021/06/17. 43: 2024/09/16

51: E21C; G01V; F42D

71: TECHNOLOGICAL RESOURCES PTY. LIMITED

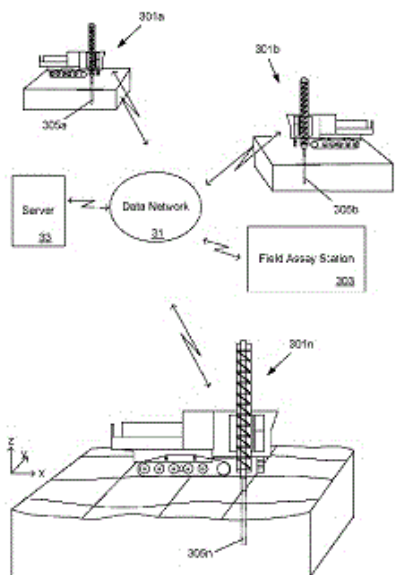
72: ROBINSON, DANIELLE, BALAMURALI, MEHALA, MELKUMYAN, ARMAN, LOWE, ALEXANDER, LEUNG, RAYMOND, VASEY, TAMARA

33: AU 31: 2018904818 32: 2018-12-18

54: AUTOMATED UPDATING OF GEOLOGICAL MODEL BOUNDARIES FOR IMPROVED ORE EXTRACTION

00: -

A method for adjusting a surface of an exploratory data model of a geological domain to take into account blast hole data, the method comprising; drilling a plurality of blast holes proximal to the geological domain; recording blast hole data samples for each of the blast holes in an electronic data storage apparatus; operating a processing assembly in data communication with said storage apparatus according to instructions stored in a memory accessible to the processing assembly to perform the following acts: labelling each said data sample as domain or non-domain; determining blast hole boundary samples for the geological domain at each of a number of elevations to produce blast hole boundaries for the geological domain; comparing the blast hole boundaries to a surface of the exploratory data model; adjusting the surface based on the blast hole boundaries for the geological domain to generate an adjusted surface; and mining the geological domain based on the adjusted surface to thereby improve efficiency of ore extraction.



21: 2021/04200. 22: 2021/06/18. 43: 2024/09/23

51: A61K; C07D

71: CELGENE CORPORATION

72: AMMIRANTE, MASSIMO, BAHMANYAR, SOGOLE, CORREA, MATTHEW D, GRANT, VIRGINIA, HANSEN, JOSHUA, HORN, EVAN J, KERCHER, TIMOTHY S, MAYNE, CHRISTOPHER, NAGY, MARK A, NARLA, RAMA KRISHNA, NAYAK, SURENDRA, NORRIS, STEPHEN, PAPA, PATRICK, PLANTEVIN-KRENITSKY, VERONIQUE, SAPIENZA, JOHN J, WHITEFIELD, BRANDON W, XU, SHUICHAN

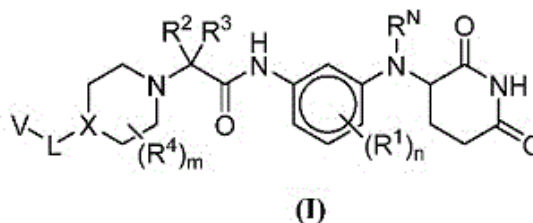
33: US 31: 62/879,900 32: 2019-07-29

33: US 31: 62/782,298 32: 2018-12-19

54: SUBSTITUTED 3-((3-AMINOPHENYL)AMINO)PIPERIDINE-2,6-DIONE COMPOUNDS, COMPOSITIONS THEREOF, AND METHODS OF TREATMENT THEREWITH

00: -

Provided herein are piperidine dione compounds having the following structure (I) wherein R^N , R^1 , R^2 , R^3 , R^4 , L, V, m, and n are as defined herein, compositions comprising an effective amount of a piperidine dione compound, and methods for treating or preventing an androgen receptor mediated disease.



21: 2021/04430. 22: 2021/06/25. 43: 2024/10/29

51: A61M; G06F; G16H

71: ICU MEDICAL, INC.

72: XAVIER, Ben, KRABBE, Dennis, ENGER, Larry, DEOSTHALE, Chaitanya, ISENSEE, Anthony

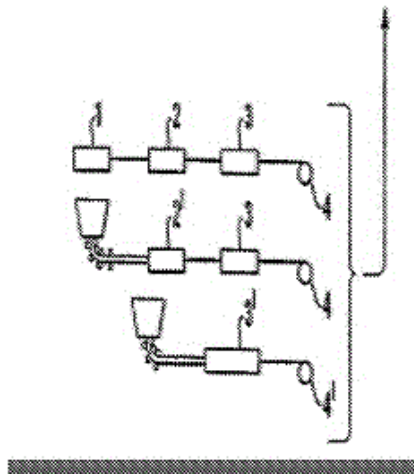
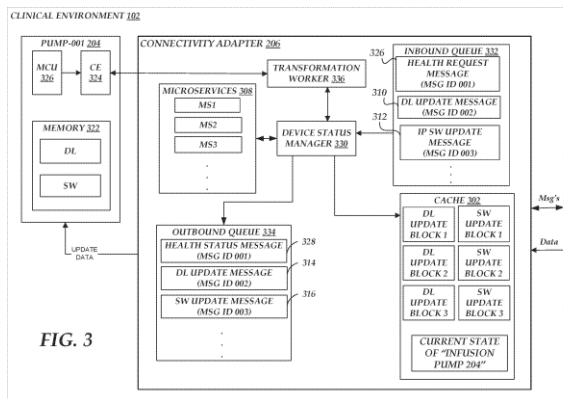
33: US 31: 62/699,454 32: 2018-07-17

54: UPDATING INFUSION PUMP DRUG LIBRARIES AND OPERATIONAL SOFTWARE IN A NETWORKED ENVIRONMENT

00: -

A distributed system provides update data to a plurality of infusion pumps within a clinical environment. A connectivity adapter receives drug library updates or operational software updates for infusion pumps over a network that is outside of the clinical environment. The connectivity adapter caches the blocks of update data and staggers streaming blocks of updated data to the infusion

pumps over a network within the clinical environment.



21: 2021/04662. 22: 2021/07/05. 43: 2024/09/30
 51: B21B; C21D
 71: OUTOKUMPU OYJ
 72: PUUKKO, ESA, AULA, LEENI
 33: FI 31: 20195052 32: 2019-01-28
54: METHOD FOR MANUFACTURING OF STAINLESS STEEL STRIPS

00: -
 The invention relates to a method for manufacturing strips of stainless steel, comprising hot rolling in an initial process (A) and subsequently cold rolling in a cold rolling line (B). The hot rolling is stopped when the strip thickness has been reduced to a thickness between 2.0 mm and 6.5 mm. The subsequent cold rolling is passed at least one time through said cold rolling line, which comprises in the following order: At least one cold rolling mill (11-13) in the initial part of the line, at least one annealing section (17), a scale breaking step (21), a shot blasting step (23) and at least one pickling section (26, 27) utilizing a mixture of nitric acid HNO₃, hydrofluoric acid HF and optionally sulphuric acid H₂SO₄.

21: 2021/04670. 22: 2021/07/05. 43: 2024/09/20
 51: C10G; B01J
 71: DOW GLOBAL TECHNOLOGIES LLC
 72: KIRILIN, ALEXEY, CHOJECKI, ADAM, POLLEFEYT, GLENN, NIESKENS, DAVY L.S, ANDREWS, KYLE C, SANTOS CASTRO, VERA P, DEWILDE, JOSEPH F, YANCEY, DAVID F, MALEK, ANDRZEJ

33: US 31: 62/785,831 32: 2018-12-28
54: METHODS FOR PRODUCING C2 TO C5 PARAFFINS USING A HYBRID CATALYST COMPRISING GALLIUM METAL OXIDE

00: -
 A method for preparing C₂to C₅paraffins includes introducing a feed stream including hydrogen gas and a carbon-containing gas selected from carbon monoxide, carbon dioxide, and mixtures thereof into a reaction zone of a reactor. Converting the feed stream into a product stream including C₂to C₅paraffins in the presence of a hybrid catalyst. The hybrid catalyst includes a microporous catalyst component; and a metal oxide catalyst component selected from (A) a bulk material consisting of gallium oxide, (B) gallium oxide present on a titanium dioxide support material, and (C) a mixture of gallium oxide and at least one promoter present on a support material selected from Group 4 of the IUPAC periodic table of elements.

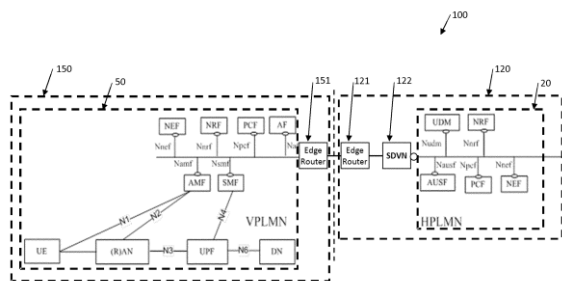
21: 2021/04678. 22: 2021/07/05. 43: 2024/09/20
 51: C07H
 71: BROWN UNIVERSITY
 72: SEDIVY, JOHN M, DE CECCO, MARCO
 33: US 31: 62/907,251 32: 2019-09-27
 33: US 31: 62/797,109 32: 2019-01-25

54: COMPOSITIONS AND METHODS FOR TREATING, PREVENTING OR REVERSING AGE-ASSOCIATED INFLAMMATION AND DISORDERS

00: -
Disclosed is a method for preventing, delaying or reversing age-associated inflammation, by administering to a patient in need thereof a therapeutically effective amount of at least one reverse transcriptase inhibitor (RTI).

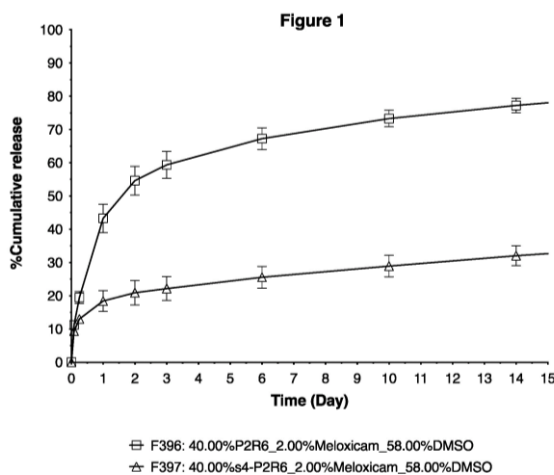
21: 2021/04692. 22: 2017/12/04. 43: 2024/09/09
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: BARTOLOMÉ RODRIGO, Maria, Cruz, PUENTE PESTAÑA, Miguel, Angel
33: US 31: 62/545,038 32: 2017-08-14
54: A METHOD OF EXECUTING A SERVICE FOR A SERVICE CONSUMER, AS WELL AS A CORRESPONDING NETWORK NODE AND A COMPUTER PROGRAM PRODUCT

00: -
A method of executing a service for a service consumer, said service consumer being registered in a home telecommunication network and currently residing in a visited telecommunication network, said method comprising the steps of retrieving a list of available services within the home telecommunication network that said service consumer is allowed to access, wherein said SDVN function and said home NRF both reside in said home telecommunication network, receiving a service operation message requesting an operation execution within a particular service for said service consumer in said visited telecommunication network, determining that said home network is able to provide for said requested particular service based on said retrieved list of available service, and selecting one or more service instances for executing said operation within said particular service for said service consumer.



21: 2021/04704. 22: 2021/07/06. 43: 2024/10/15
51: A61K
71: MEDINCELL S.A.
72: ROBERGE, Christophe, SERINDOUX, Juliette, LOPEZ NORIEGA, Adolfo, CROS, Jean Manuel, OSTER, Murielle, LIU, Fang, MOLINIER, Charlotte, GRIZOT, Sylvestre, VRLINIC, Tjasa, NG, Feifei, GUÉGAIN, Elise, CAGNON, Marie-Émérentienne
33: GB 31: 1900258.3 32: 2019-01-08
54: PHARMACEUTICAL COMPOSITION

00: -
The present invention provides a pharmaceutical composition comprising: a biodegradable multi-branched copolymer comprising at least three polyester arms attached to a central core which comprises a polyether, and wherein the multi-branched copolymer is substantially insoluble in aqueous solution, further comprising at least one pharmaceutically active ingredient.



21: 2021/04748. 22: 2021/07/07. 43: 2024/09/23
51: B01J; B01D
71: MAGNESIUM ELEKTRON LIMITED
72: SCAPENS, DAVID ALASTAIR, HARRIS, DEBORAH JAYNE
33: GB 31: 1901560.1 32: 2019-02-05

54: ZIRCONIA-BASED AQUEOUS NP-DISPERSION FOR USE IN COATING FILTER SUBSTRATES

00: -

This invention relates to an aqueous dispersion of particles, the dispersion having a particle content of 10-70 wt%, and the particles comprising, on an oxide basis: (a) 10-98 wt% in total of $ZrO_2 + HfO_2$, and (b) 2-90 wt% in total of Al_2O_3 , CeO_2 , La_2O_3 , Nd_2O_3 , Pr_6O_{11} , Y_2O_3 , or a transition metal oxide, wherein the dispersion has a Z- average particle size of 100-350 nm and the particles have a crystallite size of 1-9 nm. The invention also relates to a substrate coated with the aqueous dispersion of particles.

21: 2021/04780. 22: 2021/07/08. 43: 2024/09/20

51: C12N; A61K

71: NIPPON SHINYAKU CO., LTD.

72: NAKAGAWA, SHINICHIRO

33: GB 31: 1821269.6 32: 2018-12-28

54: MYOSTATIN SIGNAL INHIBITOR

00: -

The present invention provides a new approach for inhibiting myostatin signaling by targeting ACVR2B at the mRNA level.

21: 2021/05221. 22: 2021/07/23. 43: 2024/09/23

51: C01B; B01J

71: GAS TECHNOLOGY INSTITUTE

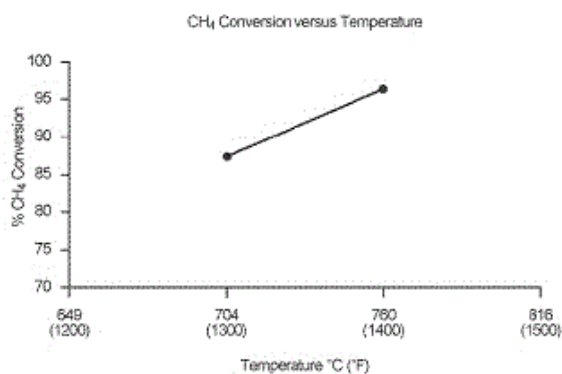
72: MARKER, TERRY L, LINCK, MARTIN B, WANGEROW, JIM, ORTIZ-TORAL, PEDRO

54: NOBLE METAL CATALYSTS AND PROCESSES FOR REFORMING OF METHANE AND OTHER HYDROCARBONS

00: -

Processes for converting methane and/or other hydrocarbons to synthesis gas (i.e., a gaseous mixture comprising H_2 and CO) are disclosed, in which at least a portion of the hydrocarbon(s) is reacted with CO_2 . At least a second portion of the methane may be reacted with H_2O (steam), thereby improving overall thermodynamics of the process, in terms of reducing endothermicity (ΔH) and the required energy input, compared to "pure" dry reforming in which no H_2O is present. Catalysts for such processes advantageously possess high activity and thereby can achieve significant levels of methane conversion at temperatures below those used conventionally under comparable conditions.

These catalysts also exhibit high sulfur tolerance, in addition to reduced rates of carbon (coke) formation, even in the processing (reforming) of heavier (e.g., naphtha boiling-range or jet fuel boiling-range) hydrocarbons. The robustness of the catalyst translates to high operating stability. A representative catalyst comprises 1 wt-% Pt and 1 wt-% Rh as noble metals, on a cerium oxide support.



21: 2021/05222. 22: 2021/07/23. 43: 2024/09/30

51: C10G; B01J; C01B

71: GAS TECHNOLOGY INSTITUTE

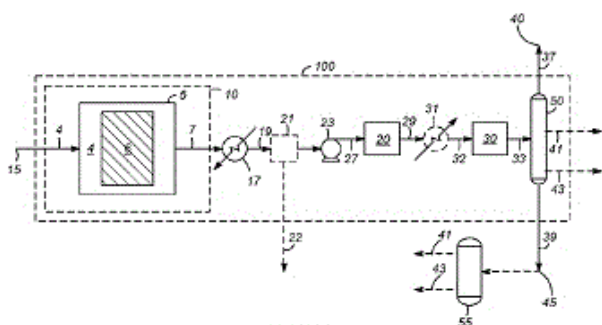
72: MARKER, TERRY L, LINCK, MARTIN B, WANGEROW, JIM, ORTIZ-TORAL, PEDRO

54: PROCESSES AND SYSTEMS FOR REFORMING OF METHANE AND LIGHT HYDROCARBONS TO LIQUID HYDROCARBON FUELS

00: -

Processes for converting methane and/or other hydrocarbons to synthesis gas (i.e., a gaseous mixture comprising H_2 and CO) are disclosed, in which at least a portion of the hydrocarbon(s) is reacted with CO_2 . At least a second portion of the methane may be reacted with H_2O (steam), thereby improving overall thermodynamics of the process, in terms of reducing endothermicity (ΔH) and the required energy input, compared to "pure" dry reforming in which no H_2O is present. Such dry reforming (reaction with CO_2 only) or CO_2 -steam reforming (reaction with both CO_2 and steam) processes are advantageously integrated with Fischer-Tropsch synthesis to yield liquid hydrocarbon fuels. Further integration may involve the use of a downstream finishing stage involving hydroisomerization to remove FT wax. Yet other integration options involve the use of combined CO_2 -steam reforming and FT synthesis stages

(optionally with finishing) for producing liquid fuels from gas streams generated in a number of possible processes, including the hydrolysis of biomass.



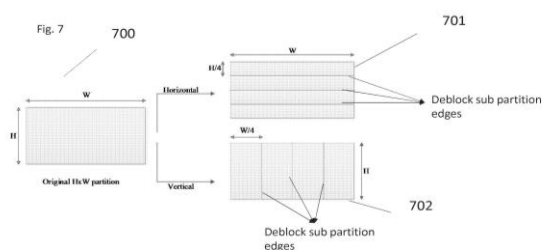
21: 2021/05412. 22: 2021/07/29. 43: 2024/10/29
51: A61K
71: RECKITT BENCKISER HEALTH LIMITED
72: BARNETT, Steven, Louis, GORDON, Calum, McIntosh, HANNING, Jennifer, Esme, KLÖH, Tracy Emmanuelle
33: GB 31: 1901137.8 32: 2019-01-28
54: ORODISPERSIBLE TABLET
00: -

The present invention is directed to a composition in the form of an orodispersible tablet comprising a non-steroidal anti-inflammatory drug (NSAID) and a taste-masking agent wherein the NSAID is uncoated and has an average particle size of less than 100 μm . The present invention is further directed to the use of malic acid as a taste-masking agent.

21: 2021/05573. 22: 2021/08/06. 43: 2024/09/12
51: H04N
71: Huawei Technologies Co., Ltd.
72: WANG, Biao, KOTRA, Anand Meher, ESENLIK, Semih, GAO, Han, CHEN, Jianle
33: US 31: 62/791,003 32: 2019-01-10
54: DEBLOCKING FILTER FOR SUB-PARTITION BOUNDARIES CAUSED BY INTRA SUB-PARTITION CODING TOOL
00: -

It is provided a deblocking method, for deblocking a sub-partitions boundary within a coding block in an image encoding and/or an image decoding, wherein the current coding block is coded in intra prediction mode and the current coding block is partitioned into sub-partitions comprising a first sub-partition and a second sub-partition which is adjacent to the first sub-partition; wherein the method comprises: determining a maximum filter length to be 1 for a

first/second sub-partition when a width of the first or second sub-partition is 4 samples, or when a height of the first or second sub-partition is 4 samples; modifying a value of up to one sample of the first or second sub-partition, wherein the up to one sample is obtained from a row or column of the first or second sub-partition that is perpendicular to and adjacent to the sub-partitions boundary between the first sub-partition and the second sub-partition. The present disclosure allows for modifying a small number of sample values at the sub-partition boundary, and therefore the method can reduce the block artifact that might be caused by sub-partition boundaries in the current coding block applied with an Intra sub-partition, ISP, tool.



21: 2021/05742. 22: 2021/08/04. 43: 2024/11/05
51: C12N
71: IONIS PHARMACEUTICALS, INC.
72: FREIER, Susan, M., MACLEOD, Robert, KIM, Youngsoo
33: US 31: 62/811,460 32: 2019-02-27
33: US 31: 62/950,812 32: 2019-12-19
54: MODULATORS OF MALAT1 EXPRESSION
00: -
The present embodiments provide methods, compounds, and compositions useful for inhibiting MALAT1 expression, which may be useful for treating, preventing, or ameliorating a cancer associated with MALAT1.

21: 2021/05785. 22: 2021/08/13. 43: 2024/09/10
51: H04L
71: PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
72: BHAMRI, Ankit, SUZUKI, Hidetoshi, SHIBAIKE, Naoya, YAMAMOTO, Tetsuya, LI, Hongchao
33: EP 31: 19000087.7 32: 2019-02-14
33: EP 31: 19167701.2 32: 2019-04-05
54: USER EQUIPMENT AND SYSTEM PERFORMING TRANSMISSION AND RECEPTION OPERATIONS

00: -

The present disclosure relates to a user equipment, a base station and respective methods. The user equipment receives a physical uplink shared channel (PUSCH) config information element (IE) in form of radio resource control (RRC) signalling, the PUSCH config IE being applicable to a particular bandwidth part. The user equipment configures a table which is defined by a PUSCH time domain resource allocation list IE carried in the received PUSCH config IE, the table comprising rows, at least one row comprising a first set of values related to allocated time-domain resources for a plurality of PUSCH transmissions. The user equipment receives downlink control information (DCI) signalling carrying a time-domain resource assignment filed with value m, wherein the value m provides a row index m+1 to the RRC configured table. The user equipment determines allocated time-domain resources for the plurality of PUSCH transmissions based on the index of the slot carrying the received DCI, and the first set of values related to allocated time-domain resources comprised in the indexed row of the RRC configured table. The user equipment selects transport blocks of data to be carried in the plurality of PUSCH transmissions, and transmits the plurality of PUSCH transmissions using the respectively determined allocated time-domain resources; and wherein the transport blocks of data are selected based on at least one second parameter comprised in the indexed row of the RRC configured table which is indicating whether the plurality of PUSCH transmissions are either different PUSCH transmissions or repeated PUSCH transmissions.

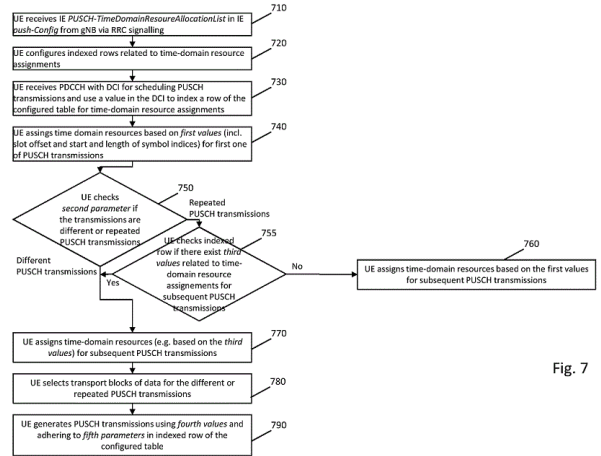


Fig. 7

21: 2021/06095. 22: 2021/08/24. 43: 2024/10/31
 51: C22B
 71: TECHEMET, LP
 72: ALBRECHT, Edward, W., MCCULLOUGH, Steven, D.
 33: US 31: 16/397,441 32: 2019-04-29
 33: US 31: 16/507,158 32: 2019-07-10
54: PGM CONVERTING PROCESS AND JACKETED ROTARY CONVERTER

00: -

PGM converting process and jacketed rotary converter. The process can include low- or no-flux converting; partial pre-oxidation of PGM collector alloy; using a refractory protectant in the converter; magnetic separation of slag; recycling part of the slag to the converter; smelting catalyst material in a primary furnace to produce the collector alloy; and/or smelting the converter slag in a secondary furnace with slag from the primary furnace. The converter can include an inclined converter pot mounted for rotation; a refractory lining; an opening in a top of the pot to introduce converter feed; a lance for injecting oxygen-containing gas into the alloy pool; a heat transfer jacket adjacent the refractory lining; and a coolant system to circulate a heat transfer medium through the jacket to remove heat from the alloy pool in thermal communication with the refractory lining.

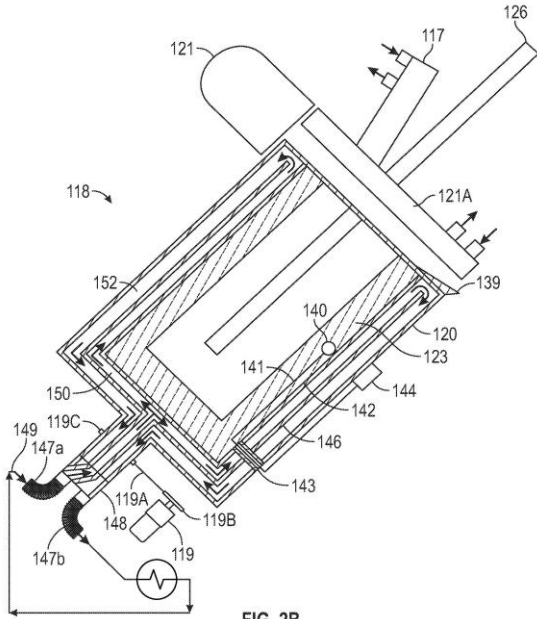
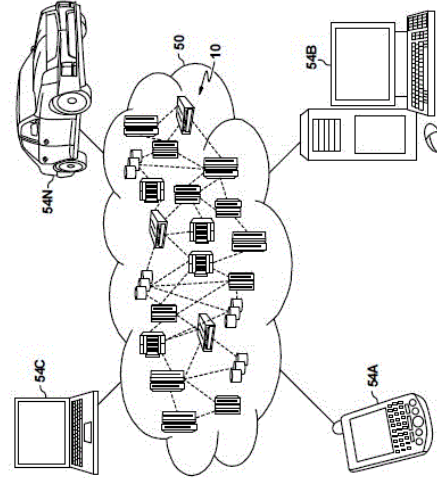


FIG. 2B



21: 2021/06185. 22: 2021/08/26. 43: 2024/09/10
51: G06N; G06T

71: International Business Machines Corporation
72: WATSON, Campbell D., VOS, Etienne Eben,
WELDEMARIAM, Komminist

33: US 31: 17/341,349 32: 2021-06-07

54: MODELING TROPICAL CYCLONE SURFACE FIELDS FOR IMPACT ASSESSMENT

00: -

Train a machine learning model, using an image-based knowledge graph of tropical cyclone data, for implementing a surface field modeling architecture that produces images of at least surface wind fields and surface rainfall fields from images of at least tropical cyclone tracks and pressure intensities.

Generate model images of a modeled surface wind field and a modeled surface rainfall field by providing images of at least a user-generated tropical cyclone track and pressure intensity to the trained machine learning model.

21: 2021/06229. 22: 2021/08/26. 43: 2024/11/04
51: G06Q

71: JOHANNES BRITS BOSCH

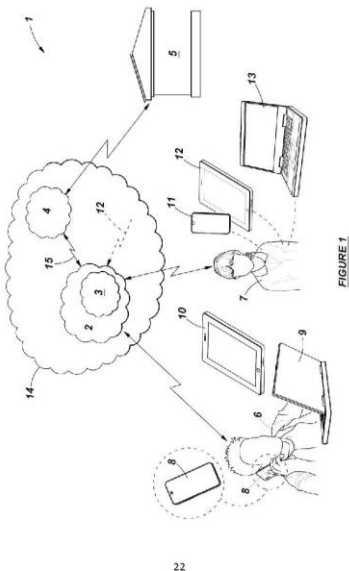
72: JOHANNES BRITS BOSCH

33: ZA 31: 2018/05766 32: 2019-03-01

54: MANAGEMENT SYSTEM AND METHOD

00: -

This invention relates to a transaction and communication system and method and more particularly, but not exclusively, to a commerce transaction and communication system and method. The transaction method has the steps of: - creating a virtual object having communication means; - associating the object with a legal entity; - and allowing the legal entity to instruct the object to perform a task including communicating with a 3rd party.



cavities (35.1, 35.2), one in a lateral aspect of a femoral component (11.1), the other in a lateral aspect of a tibial component (11.2), within which the implantable electronic devices (12) are mounted and a remote device (18) which is in wireless communication with the electronic devices (12) to receive data transmitted from the electronic devices (12). The electronic devices (12) are configured to track movement, i.e. acceleration and rotation of the prosthesis (11) and to report same to the remote device (18). The devices (12) include an accelerometer (13), memory (15), a wireless communication module (14), processor (17) and a battery (16). Activity information analyzed can allow for early diagnosis of implant specific problems such as loosening of the prosthesis.

21: 2021/06330. 22: 2021/08/30. 43: 2024/11/04
51: E06B

71: Mectronicend (Proprietary) Limited
72: Mectronicend (Proprietary) Limited
33: ZA 31: 2020/05332 32: 2020-08-27

54: A SMART SECURITY BLIND

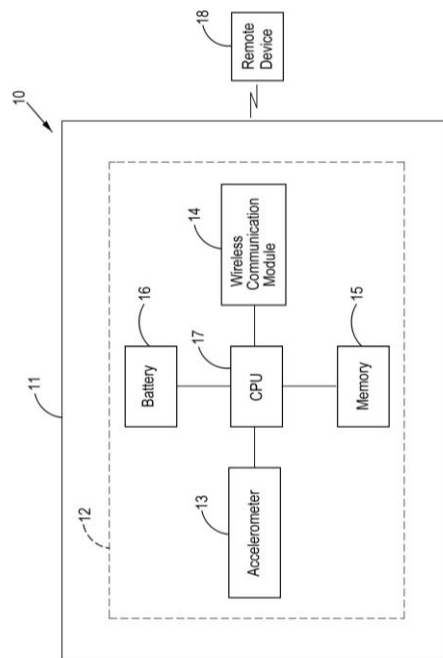
00: -
This invention relates to a smart security blind for an opening to a window to prevent unauthorised access to such an opening by intruders or burglars. The blind includes a frame defining an internal cavity enclosing one or more electronic and mechanical components. The blind further includes a plurality of slats and coupling means disposed at each end of each slat. The slats extend from one end of the frame to the other and are arranged in a parallel orientation. A motor connected to the coupling means via a pulley system rotates the slats between open and locked positions.

21: 2021/07049. 22: 2021/09/21. 43: 2024/10/30
51: A61B; A61F

71: MOKETE LIPALO
72: MOKETE LIPALO
33: ZA 31: 2019/05590 32: 2019-02-22

54: AN IMPLANTABLE ELECTRONIC DEVICE AND ENDOPROTHESIS

00: -
The invention relates to an implantable electronic device (12) and an endoprosthesis activity monitoring system (10). The system (10) includes a knee prosthesis (11) having at least two blind



21: 2021/07427. 22: 2021/10/01. 43: 2024/10/29
51: H01H

71: MASCHINENFABRIK REINHAUSEN GMBH
72: DITTMANN, Benjamin, NAGEL, Eugen, SCHMID, Sebastian
33: DE 31: 10 2019 112 711.4 32: 2019-05-15
54: SWITCH ASSEMBLY WITH DRIVE SYSTEM AND METHOD FOR DRIVING A SWITCH

00: -
The switch assembly has a switch (17) and a drive system (3). The drive system has a driveshaft (16) which connects the drive system to the switch (17), a

motor (12) for driving the driveshaft (16), and a feedback system. The feedback system is designed to determine at least two values for the position of the drive shaft (16) and generate a feedback signal on the basis of the at least two values. The drive system additionally has a controller which is designed to influence the operation of the motor (12) on the basis of the feedback signal.

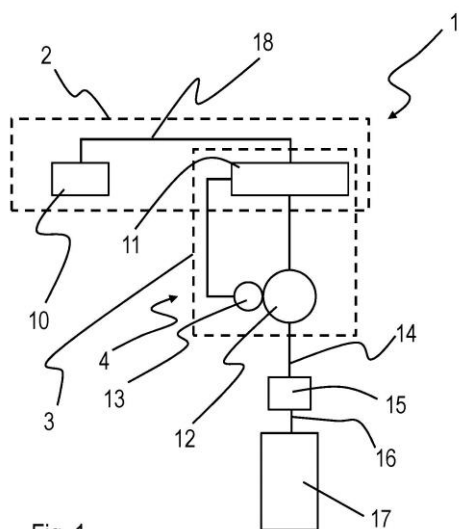
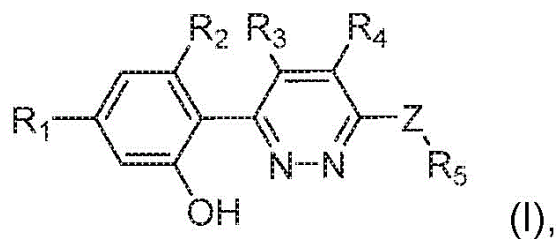


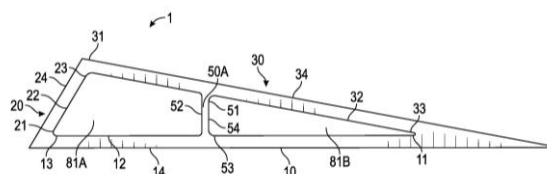
Fig. 1



21: 2021/07585. 22: 2021/10/08. 43: 2024/11/06
51: B60J; B60P; B62D
71: DEFLECT LLC

72: MAYNES, Spencer, Wheatley, KENNEDY, Wayne, HANSEN, Ren, GOLSCH, Kevin, Anthony
33: US 31: 62/845/271 32: 2019-05-08
33: US 31: 16/721,009 32: 2019-12-19
54: DEFLECTOR FOR VEHICLE

00: -
A deflector for use with railcars and containers. The deflector may be used to retrofit railcars and other container to reduce aerodynamic drag. The deflector may be collapsible for use with stacked containers.



21: 2021/07444. 22: 2021/10/04. 43: 2024/11/06
51: A61K; C07D; A61P
71: NOVARTIS AG

72: VON MATT, Anette, VANGREVELINGHE, Eric, STIEFL, Nikolaus Johannes, FARADY, Christopher, GOMMERMANN, Nina, JANSER, Philipp, MACKAY, Angela, MATTES, Henri, VELCICKY, Juraj, SMITH, Nichola, FOOKS SOLOVAY, Catherine
33: US 31: 62/849,245 32: 2019-05-17

54: NLRP3 INFLAMMASOME INHIBITORS

00: -
The present invention relates to novel pyridazin-3-yl phenol compounds of Formula (I): (I), wherein R1, R2, R3, R4, R5 and Z are defined herein, which inhibit NOD-like receptor protein 3 (NLRP3) inflammasome activity. The invention further relates to the processes for their preparation, pharmaceutical compositions and medicaments containing them, and their use in the treatment of diseases and disorders mediated by NLRP3.

21: 2021/07808. 22: 2021/10/14. 43: 2024/11/07
51: C07K; C12N
71: REGENERON PHARMACEUTICALS, INC.

72: XUE, Wei, CHEN, John, SCOTT, Carolyn, LONEY, Theodore, GOLDEN, Nathaniel
33: US 31: 62/837,263 32: 2019-04-23
54: CELL CULTURE MEDIUM FOR EUKARYOTIC CELLS

00: -
Cell culture media are provided herein as are methods of using the media for cell culture and protein production from cells.

21: 2021/07897. 22: 2021/10/18. 43: 2024/11/08
51: B01D
71: AMARU HEGALLU ENERGY AHE (PTY) LTD

72: SEAFIELD, KEENAN LERONE
33: ZA 31: 2020104745 32: 2020-08-17
54: A WASTE MANAGEMENT SYSTEM

00: -
The present invention relates to a waste management system suitable for managing and

coordinating waste management services between waste generators, waste collectors and waste managers. The waste management system comprises a user device associated with a waste generator, which allows the waste generator to enter waste-related information. a user device associated with a waste generator, which allows the waste generator to enter waste-related information. The system includes a processing terminal that is connected to the user device via a communications network, which receives the waste-related information of the waste generators. The processing terminal is configured to identify the waste collector within a predetermined radius of the waste generator and transmit to it via the communication network, the waste-related information of the waste generator. The system is characterised in that the waste-related information of the waste generator includes the date, time, and location for collecting and disposing of the waste.

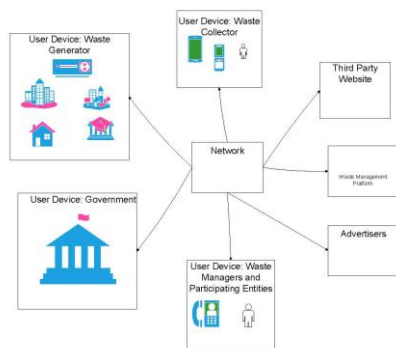
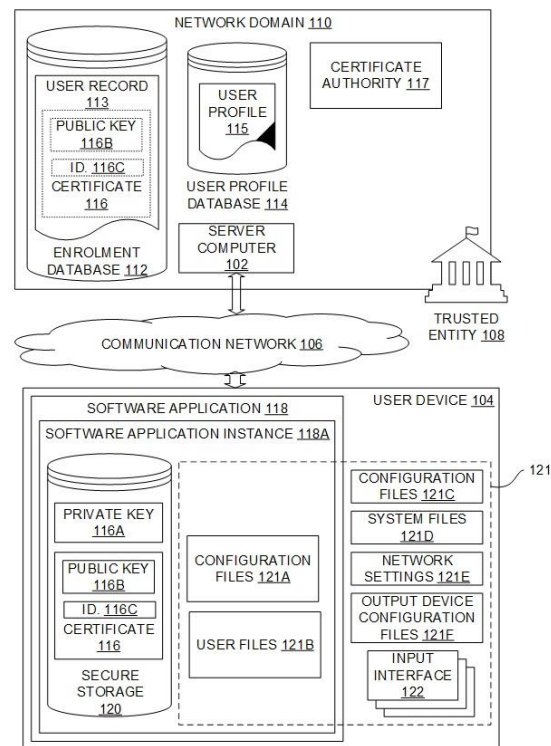


FIGURE 1: A NETWORK DIAGRAM ACCORDING TO THE INVENTION

of a set of data elements using a cryptographic key securely stored for exclusive use by the software application and transmitting the signed or encrypted data elements to the server computer. The method includes transmitting, to the server computer, a payload including contextual data which includes behavioural data collected via one or more contextual data sources. The signed data elements represent a possession factor and the payload including contextual data represents an inference factor for validation and multi-factor authentication by the server computer.



21: 2021/08138. 22: 2021/10/22. 43: 2024/10/25

51: H04L; H04W

71: ENTERSEKT INTERNATIONAL LIMITED

72: OOSTHUIZEN, Gerhard Gysbert, NOLTE, Dewald de Ridder

33: ZA 31: 2020/06631 32: 2020-10-26

54: MULTI-FACTOR AUTHENTICATION

00: -

Systems and methods for multi-factor authentication are provided. The multi-factor authentication is based on validation of an inference factor and a possession factor obtained in a “frictionless” or almost frictionless manner. A method conducted at a software application executing on a user device associated with a user and connected to a server computer, includes: obtaining signing or encryption

21: 2021/08139. 22: 2021/10/22. 43: 2024/09/18

51: H04M; G06F

71: SAMSUNG ELECTRONICS CO., LTD.

72: KANG, JAEHO, LEE, MINSUNG, HWANG, SEUNGHYUN, YOO, CHUNGKEUN, KIM, JUNGJIN, KIM, JONGYOON

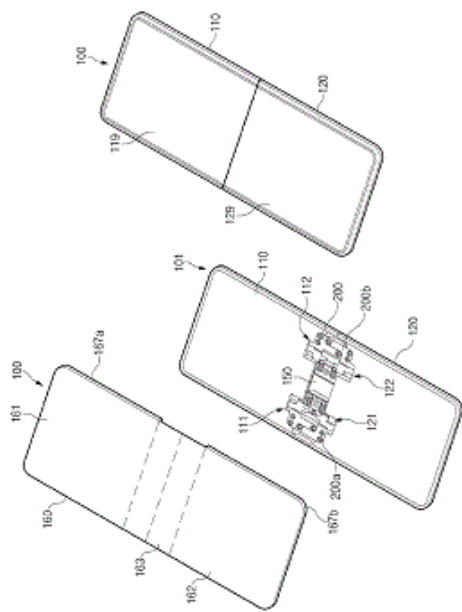
33: KR 31: 10-2019-0050282 32: 2019-04-30

54: HINGE STRUCTURE AND ELECTRONIC DEVICE INCLUDING THE SAME

00: -

A hinge structure includes a first rotary bracket that rotates about a first virtual axis and a second rotary bracket that rotates about a second virtual axis. The hinge structure also includes a fixed bracket that includes the first rotary bracket and the second

rotary bracket fixed thereto. The hinge further structure includes a first rotary member, a second rotary member, a first arm and a second arm. Additionally, the hinge structure includes a cam part that includes bumpy structures. A first elastic body is mounted on the first rotary member and supports at least one side of the cam part and second elastic body is mounted on the second rotary member and supports at least an opposite side of the cam part. The hinge structure also includes a support bracket that supports the first elastic body and the second elastic body.



21: 2021/09043. 22: 2021/11/15. 43: 2024/09/10
 51: H01H
 71: Eaton Intelligent Power Limited
 72: KNOL, Bert, HEILERSIG, Dinant, BANKAR, Akshay, GEUSENDAM, Paul
 33: GB 31: 2018258.0 32: 2020-11-20
54: CHANGEOVER SWITCH
 00: -
 The invention relates to a changeover switch for medium voltage switchgear, which changeover switch comprises:- a first terminal body- a second terminal body- two elongate pole bodies arranged parallel to each other and rotatable arranged with first ends on opposite sides of, and in direct contact with the first terminal body around a rotation axis, wherein the two elongate pole bodies are rotatable between an open position and a closed position, wherein the second ends of the two elongate pole bodies are positioned in direct contact

with opposite sides of the second terminal body; and- spring means arranged between the two elongate pole bodies to urge the pole bodies towards each other.

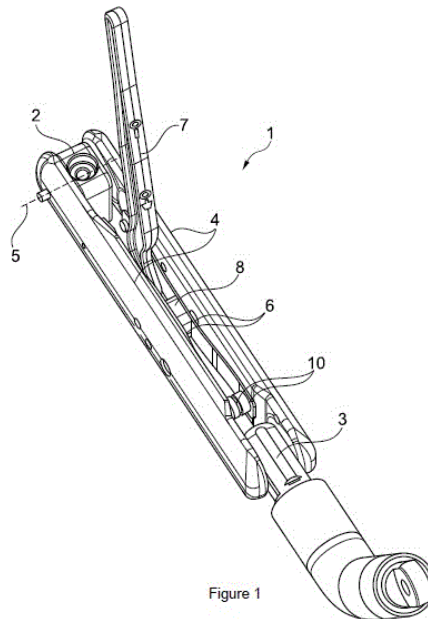


Figure 1

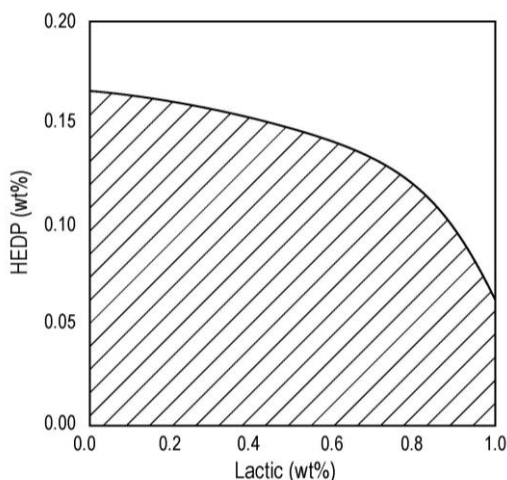
21: 2022/01789. 22: 2022/02/10. 43: 2024/09/16
 51: A61K; A61P
 71: DSM IP Assets B.V.
 72: KARPUKHIN, Denis, MA, Zhenbo, SALMON, Conroy Clive
 33: EP(NL) 31: 19193616.0 32: 2019-08-26
54: SOLID ORAL DOSAGE FORM COMPRISING NAPROXEN AND VITAMIN B6
 00: -

The present invention relates to a solid oral dosage form comprising naproxen and vitamin B6. Preferably, it is a solid oral dosage form for use in the treatment of pain such as low back pain. It is a fixed-dose combination (FDC) which increases patient compliance. The method of preparing such solid oral dosage form comprises the extragranular addition of vitamin B6 to an intragranular composition, wherein said intragranular composition comprises naproxen or a pharmaceutically acceptable salt thereof and at least one binder.

21: 2022/02621. 22: 2022/03/03. 43: 2024/09/13
 51: C11D
 71: Colgate-Palmolive Company
 72: INTRIAGO, Ana, PEREZ CASTILLO, Gabriela, SANCHEZ, Andrea, MALDONADO, Raul Arellano

54: FABRIC CARE COMPOSITIONS HAVING IMPROVED MICROBIOLOGICAL ROBUSTNESS AND METHODS FOR THE SAME

00: -
A fabric care composition, methods for preparing the fabric care composition, and methods for increasing microbiological robustness of the fabric care composition are disclosed. The fabric care composition may include a preservative system, a cationic softener, a cationic polymer, and an organosilicone. The method for preparing the fabric care composition may include contacting the preservative system, the cationic softener, the cationic polymer, and the organosilicone with one another.



21: 2022/02809. 22: 2022/03/08. 43: 2024/09/13

51: F02B

71: Astron Aerospace LLC

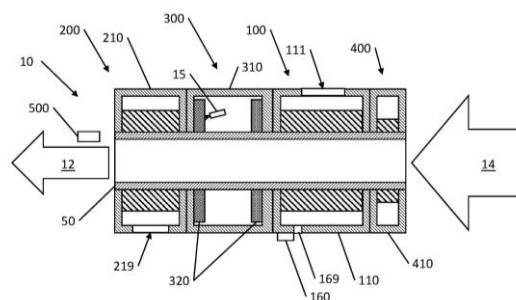
72: RILEY, Matthew

33: US 31: 62/884,771 32: 2019-08-09

54: ROTARY ENGINE, PARTS THEREOF, AND METHODS

00: -
A rotary engine, parts thereof, and methods associated therewith is provided. The engine is modular and adjustable to accommodate a variety of requirements and preferences. The system includes a combustion assembly having a housing and a power rotor positioned therein. The power rotor rotates in a first direction from the beginning of each combustion process through the end of each exhaust process. The system also includes a compression assembly linked to the combustion

assembly such that the compression rotor rotates in the first direction from the beginning of each intake process through the end of each compression process. A tank assembly in fluid communication with the compression assembly and the combustion assembly provides stability to the system while eliminating or otherwise reducing transitional losses.



21: 2022/03786. 22: 2022/04/01. 43: 2024/09/18

51: C07D

71: NELSON MANDELA UNIVERSITY

72: WATTS, PAUL, MANGWIRO, RUVIMBO

33: GB 31: 1914685.1 32: 2019-10-10

54: A CONTINUOUS FLOW SYNTHESIS METHOD FOR THE MANUFACTURE OF ISONIAZID

00: -
A multistep continuous flow synthesis method for the manufacture of isonicotinyl-hydrazide (Isoniazid) comprising reacting 4-cyano pyridine with NaOH at a specified molar ratio and temperature range to produce the intermediate isonicotinamide, which intermediate is reacted with hydrazine hydrate, without isolation thereof, at a specified molar ratio and temperature range to produce isonicotinyl-hydrazide (Isoniazid) in a yield greater than about 90%.

21: 2022/03981. 22: 2022/04/07. 43: 2024/09/18

51: A61K; A61P

71: OPHIREX, INC.

72: LEWIN, Matthew R., CARTER, Rebecca

33: US 31: 62/915,209 32: 2019-10-15

33: US 31: 62/990,020 32: 2020-03-16

33: US 31: 63/017,966 32: 2020-04-30

54: EARLY MANAGEMENT AND PREVENTION OF SEPSIS AND SEPSIS-LIKE SYNDROMES

00: -
The present invention relates to compositions and methods of treating sepsis, acute inflammatory syndromes such as systemic inflammatory response

syndrome (SIRS), anthrax and severe acute respiratory syndrome coronavirus (SARS and SARS-CoV2), neo-natal acute respiratory distress syndrome (neo-natal ARDS) by PLA2 and/or metalloprotease inhibitors, in particular, in combination with antibiotics. In embodiments, the PLA2 inhibitor is varespladib, methyl varespladib, AZD2716- R,S and LY433771, the metalloprotease inhibitor is Prinomastat, Batimastat, marimastat or vorinostat.

TABLE 1

Parameter	Score per field		
	0	1	2
Neutrophils in the alveolar space	None	1-5	>5
Neutrophils in the interstitial space	None	1-5	>5
Proteinaceous debris filling the airspaces	None	1	>1
Alveolar septal thickening	<2x	2x-4x	>4x

21: 2022/04162. 22: 2022/04/12. 43: 2024/09/12
 51: A61K; A61L
 71: AJ SCIENCES (YIXING) CO., LTD
 72: SONG, Yuntao, LI, Hui, ZHOU, Haiping, LIAO, Chuan
 33: US 31: 62/908,435 32: 2019-09-30
54: PROTEIN-MACROMOLECULE CONJUGATES AND METHODS OF USE THEREOF

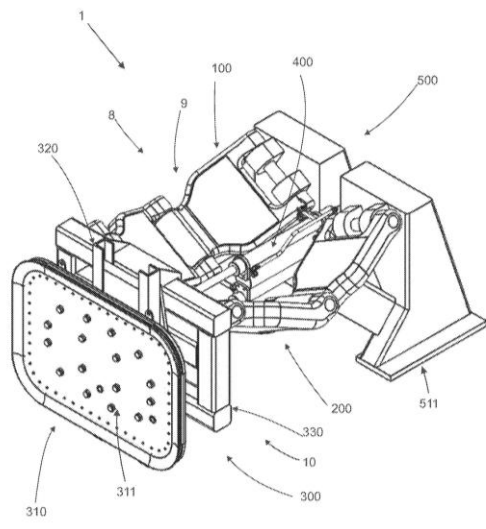
00: -
 The present disclosure provides protein-macromolecule conjugates, releasable linkers, and macromolecules, as defined herein. The disclosed conjugates provide unique properties that are based at least upon the properties of linker and number of linker-Macromolecule moieties. Also provided herein are a method of synthesis and use of conjugates in treating diseases and disorders.

```

1 ATGCCAGCTTCCCTCTACCAAGAAACTCACTGCAACTGGACACCTGCTCTGGAT
1 M P T S S S T K R T Q L Q L E H L L L L D
61 CTSCAANTGATCTGAAAGGCATTAACTACAGAGACCGAAACTGACCCGATCTGTG
21 L Q M I L N G I N B Y K N F K L T R M L
121 ACCTGCAAACTTATATCCGAAAGAAAGTACCGAAGTAAAGACCTGGAACTGGAA
41 T F R F Y M P K R R A T E L E K E L Q C L E
181 GAGGAGCTGAAACCGCTGGAGAGGTTCTGACCTGGCTCAGAGCAAGAACTTTCATCTG
61 E S L K E F L E E V L R L A Q S K N F H L
241 CCTCCAGCTGACCTGATTTCCCAACATCAACCTTATCTGTGAACTGAAAGTASGGAA
81 R F R D L I S H I E V I V L E L R G S E
301 ACCACTTTCATGTGGAGTACCTGACGAAACCGCTACCATGTTGATTTCTGAACCGC
101 T T F M C E Y A D E T A T I V E F L R R
361 TGGATCACCTTCTCTCAGTCCATTATCTACTCTGACCTAA (S8Q ID NO: 2)
121 W I T F S Q S I I S T L T * (S8Q ID NO: 3)
SEQ ID NO:1
PTSSSTKKT QLQLEHLLLD LQMLNGINN YKNPKLTRML TFKFYMPKKA
TELKHLQCLE EELKPLEEVL NLAQSKNFHL RPRDLISIN VIVLELKGE
TFMCEYADE TATIVEFLNR WITFSQSIIS TLT
    
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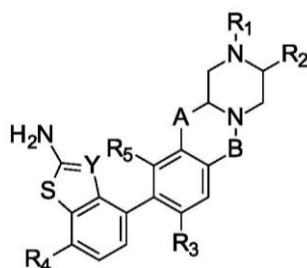
21: 2022/04895. 22: 2022/05/04. 43: 2024/09/17
 51: B63B; B63C; E02B; E02C

71: IPALCO BV
 72: BROWNE, Patrick, WORLEY, Peter, TOPLISS, Stephen
 33: AU 31: 2019904497 32: 2019-11-28
54: MOORING ROBOT
 00: -
 A mechanism suitable to moor and/or connect, engage, fender, or couple a vessel to a terminal such a dock, wharf, pier, pontoon, floating structure, off-shore structure, or another vessel. Typically, mechanism is used in a mooring robot or fender and will comprises a base, the mechanism dependent from the base and supporting an element remote the base. The element may be configured as a fender element or attachment element. The extension mechanism forms part of sarrus mechanism formed of the base, extension mechanism, and attachment element. The sarrus mechanism allows the attachment element to extend linearly transversely from the base in the sway direction. The use of a sarrus mechanism allows for a compact footprint design, that is also very stable in the surge and heave directions.



21: 2022/05218. 22: 2022/05/11. 43: 2024/09/11
 51: A61K; A61P; C07D
 71: Eli Lilly and Company
 72: BOULET, Serge Louis, FORTNER, Kevin Charles, GUO, Deqi, HYMAN, David Michael, PENG, Sheng-Bin, SI, Chong
 33: US 31: 62/946,586 32: 2019-12-11
54: KRAS G12C INHIBITORS
 00: -

The present invention provides compounds of the formula: where R₁, R₂, R₃, R₄, R₅, A, B, and Y are as described herein, pharmaceutically acceptable salts thereof, and methods of using these compounds and salts for treating patients for cancer.



21: 2022/05486. 22: 2022/05/18. 43: 2024/09/18
51: C07D A01N
71: KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, FARMHANNONG CO., LTD.

72: KO, Young, Kwan, KIM, Eun, Ae, LEE, Ill, Young, LIM, Hee, Nam, CHOI, Jung, Sub, SUH, Jee, Hee, KIM, Nack Jeong, KOO, Dong, Wan, KIM, Hyun, Jin, YON, Gyu, Hwan, KIM, Jae, Deok, OH, Seungae, LEE, So-Young, PARK, Chan, Yong, HWANG, Yun, Kyoung, AHN, Byung, Hoon, KIM, Ah, Reum, HAN, Hye, Ji, PARK, Sungjun, CHOI, Junhyuk, LIM, Jisoo, HONG, Mi, Sook

33: KR 31: 10-2019-0130935 32: 2019-10-21

54: NICOTINAMIDE COMPOUND AND HERBICIDAL COMPOSITION COMPRISING COMPOUND

00: -

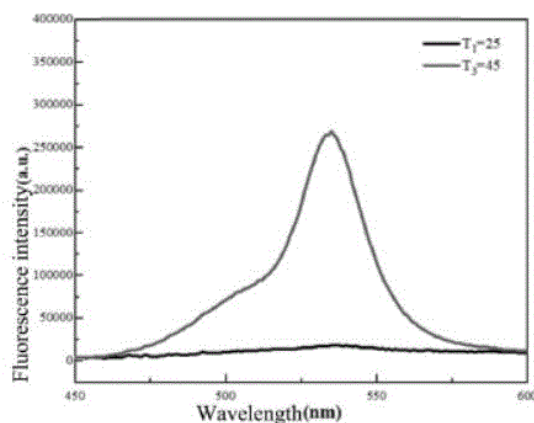
The present invention relates to a novel nicotinamide compound, a method for preparing same, and a herbicide including the compound. The compound of the present invention has high safety for wheat or corn and excellent herbicidal activity against flower-family weeds, sedge-family weeds, or broadleaf weeds, and thus is useful as a herbicide for post-emergence or pre-emergence treatment of weeds.

21: 2022/05493. 22: 2022/05/18. 43: 2024/08/28
51: C08L
71: Wuyi University
72: YI, Ningbo, PENG, Meiting, WU, Yingzhu, YOU, Longbin, WU, Jiayi, WEN, Nanhua, LIU, Kangle
33: CN 31: 202111191645.4 32: 2021-10-13
54: FLUORESCENT MATERIAL, AND PREPARATION METHOD THEREOF AND USE THEREOF

00: -

Disclosed in the present invention are a fluorescent material, and a preparation method therefor and the

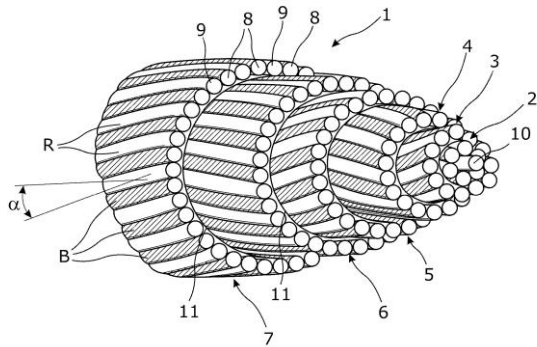
use thereof. The fluorescent material comprises the following components: a modifier, perovskite, polyethylene oxide and a solvent, wherein the modifier comprises at least one of methyl ammonium bromide, cesium bromide and formamide bromide; and the molar ratio of the modifier to the perovskite is 0.75-0.85:1. A fluorescent thin film prepared from the fluorescent material of the present invention has uniform film quality, good brightness and fluorescence reversibility, and a significant anti-counterfeiting effect.



21: 2022/05586. 22: 2022/05/20. 43: 2024/10/29
51: H01B; H02J
71: ENERTECHNOS LIMITED
72: SALEHI-MOGHADAM, Mansour, O'BRIEN, Gareth, QUENNELL, Dominic, HAJILOO, Ashkan
33: GB 31: 1916715.4 32: 2019-11-15
54: CAPACITIVE POWER TRANSMISSION CABLE

00: -

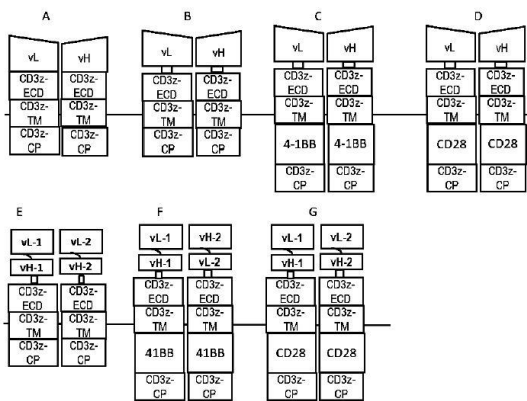
A capacitive power transmission cable, comprising: • at least two sets of conductive strands, the sets of strands being insulated from each other and in capacitive relationship, the one with the other; wherein: • the conductive strands are laid at least substantially in a multiples of six layer structure, with substantially equal numbers of strands of both sets • each layer has strands of one set alternating with strands of the other set and • the strands of the respective sets have different contrasting colour.



21: 2022/05644. 22: 2022/05/23. 43: 2024/10/14
 51: A61K; C07K; C12N
 71: UNIVERSITY OF SOUTHERN CALIFORNIA
 72: CHAUDHARY, Preet, M.
 33: US 31: 62/679,741 32: 2018-06-01

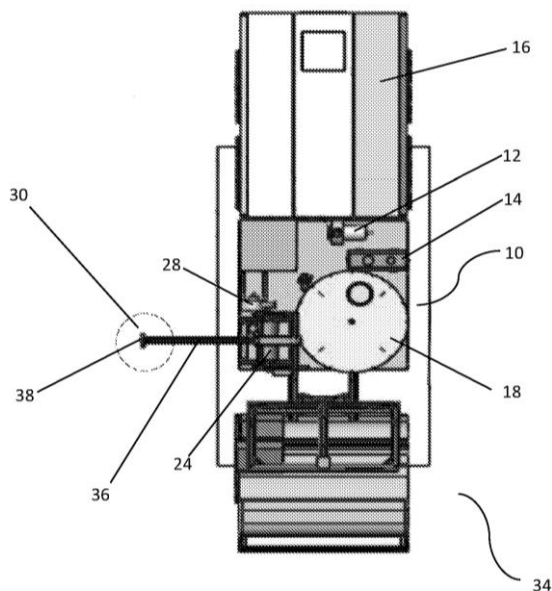
54: DIVERSE ANTIGEN BINDING DOMAINS, NOVEL PLATFORMS AND OTHER ENHANCEMENTS FOR CELLULAR THERAPY
 00: -

The disclosure provides diverse antigen binding domains and platforms for construction of conventional and next generation chimeric antigen receptors for adoptive cellular therapies for cancer, infection, allergic, degenerative and immune disorders. Also provided are approaches for activation and expansion of immune T cells for adoptive cellular therapies for cancer, infection, allergic, degenerative and immune disorders.



21: 2022/05788. 22: 2022/05/25. 43: 2024/09/12
 51: F42D E21B E21D
 71: PWS - STEMSAFE JV PTY LTD
 72: BAKER, Edward, WHEELER, Andrew, BROWNE, Damien, PARK, Allen
 33: AU 31: 2019904155 32: 2019-11-04
54: GEL STEMMING DELIVERY SYSTEM

00: -
 A delivery system for mixing and dispensing a gel stemming material into a blast hole is disclosed. The system includes a dual-pump assembly in fluid communication with respective sources of a first gel precursor fluid and a second gel precursor fluid; a pair of hoses associated with a means to vary an effective length of said hoses; a dosing head having a first inlet and a second inlet, said inlets arranged in respective fluid communication via said hoses with the dual pump assembly to receive the first and second gel precursor fluids, the dosing head being configured to receive and mix the first and second gel precursor fluids to produce the gel stemming material and to dispense the gel stemming material via an outlet. In use, the effective length of the hoses may be varied to position the dosing head and dispense the gel stemming material in the blast hole.

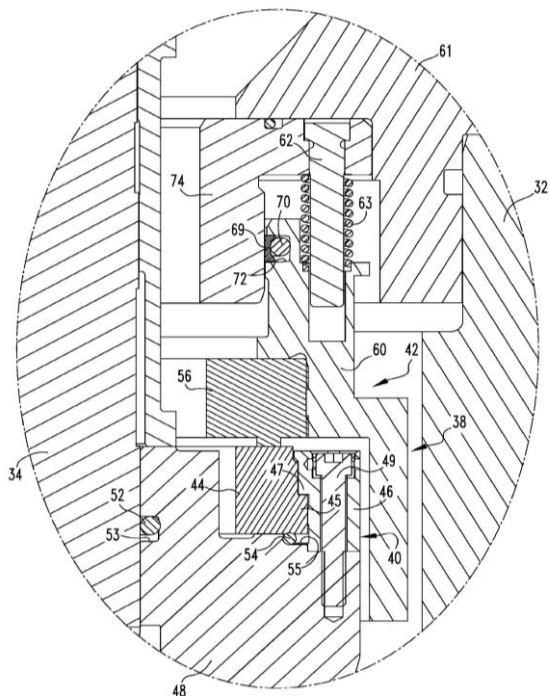


21: 2022/05866. 22: 2022/05/26. 43: 2024/09/13
 51: F04D; F16J
 71: Westinghouse Electric Company LLC
 72: MILAN, Arnaud, LAPRESTI, Michael A., HOWARD, Bruce A., BRUNER, Brandon H., MARCHELLETTA, Randall J.
 33: US 31: 16/697,351 32: 2019-11-27

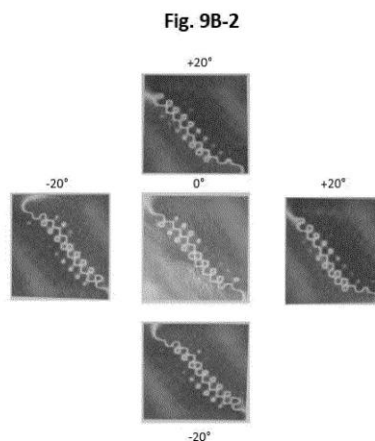
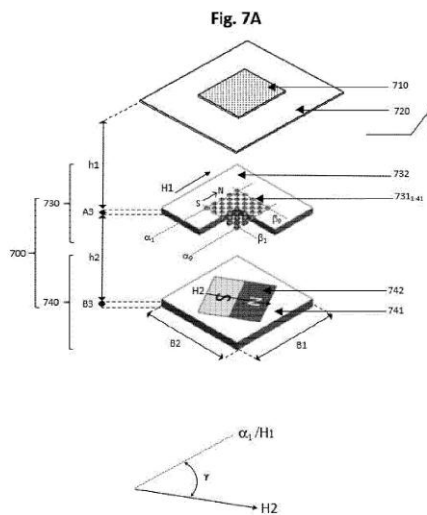
54: CONTACTING SEAL ARRANGEMENT FOR LOW AND HIGH PRESSURE APPLICATIONS
 00: -

A runner assembly for mounting to, and rotating with, a pump shaft of a pump includes a support member to be fixed to the pump shaft; a seal face

ring positioned on, and mounted to the support member by a support shroud coupled to the support member; and an outer O-ring positioned in an upward and radially outward facing notch defined in a top portion of the support member. The outer O-ring forms a static sealed joint between the top of the support member and the bottom of the seal face ring.



counterfeit means on security documents or security articles or for decorative purposes.



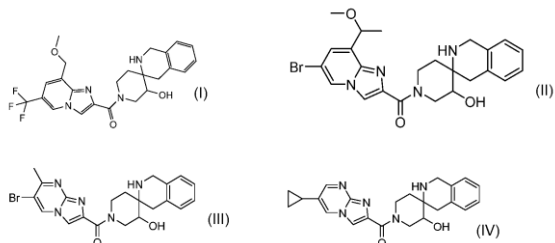
21: 2022/05925. 22: 2022/05/27. 43: 2024/09/10
 51: B05D; B42D; G09F
 71: SICPA HOLDING SA
 72: LOGINOV, Evgeny, SCHMID, Mathieu, DESPLAND, Claude-Alain
 33: EP(CH) 31: 19205715.6 32: 2019-10-28
54: MAGNETIC ASSEMBLIES AND PROCESSES FOR PRODUCING OPTICAL EFFECT LAYERS COMPRISING ORIENTED NON-SPHERICAL MAGNETIC OR MAGNETIZABLE PIGMENT PARTICLES

00: -
 The present invention relates to the field of magnetic assemblies and processes for producing optical effect layers (OELs) comprising magnetically oriented non-spherical magnetic or magnetizable pigment particles on a substrate. In particular, the present invention relates to magnetic assemblies processes for producing said OELs as anti-

21: 2022/05949. 22: 2022/05/27. 43: 2024/10/24
 51: A61K; C07D
 71: MERCK SHARP & DOHME LLC
 72: MACHACEK, Michelle, ALTMAN, Michael D., KAWAMURA, Shuhei, SLOMAN, David L., WITTER, David J., GIBEAU, Craig R.
 33: US 31: 62/949,247 32: 2019-12-17
 33: US 31: 62/949,245 32: 2019-12-17
 33: US 31: 63/025,608 32: 2020-05-15
54: PRMT5 INHIBITORS

00: -
 The present invention provides a compound selected from: and the pharmaceutically acceptable salts, esters, and prodrugs thereof, which are PRMT5 inhibitors. Also provided are methods of making compounds disclosed herein, pharmaceutical compositions comprising

compounds disclosed herein, and methods of using these compounds to treat cancer, sickle cell, and hereditary persistence of foetal hemoglobin (HPFH) mutations.



21: 2022/06071. 22: 2022/05/31. 43: 2024/10/24
51: A61K; C07D

71: MERCK SHARP & DOHME LLC

72: MACHACEK, Michelle, ALTMAN, Michael D., HUANG, Chunhui, REUTERSHAN, Michael H., SLOMAN, David L., WITTER, David J., GIBEAU, Craig R.

33: US 31: 62/949,248 32: 2019-12-17

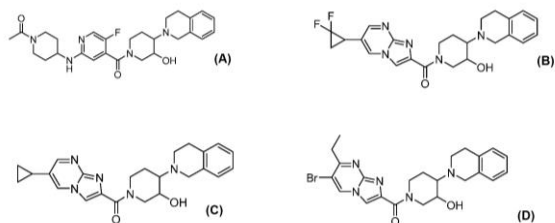
33: US 31: 62/949,242 32: 2019-12-17

33: US 31: 63/025,629 32: 2020-05-15

54: PRMT5 INHIBITORS

00: -

The present invention provides a compound selected from: compounds A, B, C, D and the pharmaceutically acceptable salts, esters, and prodrugs thereof, which are PRMT5 inhibitors. Also provided are methods of making compounds disclosed herein, pharmaceutical compositions comprising compounds disclosed herein, and methods of using these compounds to treat cancer, sickle cell, and hereditary persistence of foetal hemoglobin (HPFH) mutations.



21: 2022/06531. 22: 2022/06/13. 43: 2024/09/13
51: C21D; C22C

71: NIPPON STEEL CORPORATION

72: NONAKA, Toshiki, YONEBAYASHI, Toru

54: STEEL SHEET FOR CAN AND MANUFACTURING METHOD THEREOF

00: -

Provided is a steel sheet for a can, the steel sheet containing, in terms of mass%, 0.010-0.050% of C, 0.020% or less of Si, 0.10-0.60% of Mn, 0.020% or less of P, 0.020% or less of S, 0.050% or less of Al, 0.0100% or less of N, 0-0.03% of Nb, 0-0.03% of Ti and 0-0.0020% of B, with the remainder comprising Fe and impurities. The steel sheet for a can is characterized in that: if a denotes the number of carbides having circle-equivalent diameters 2-5 μm and b denotes the number of carbides having circle-equivalent diameters of not less than 0.1 μm and less than 2 μm , the value of a/b falls within the range in formula (1); the limiting deformability is 1.6 or more; and the sheet thickness is 0.10-0.30 mm.
Formula (1): $a/b < 0.12$

21: 2022/07332. 22: 2022/07/01. 43: 2024/09/18
51: C12P; C12M

71: LANZATECH, INC.

72: GILLESPIE, RALPH, KOCAL, MICHELLE, ALLEN, WYATT ERIC, ROSIN, RICHARD R, TRAN, DONOVAN

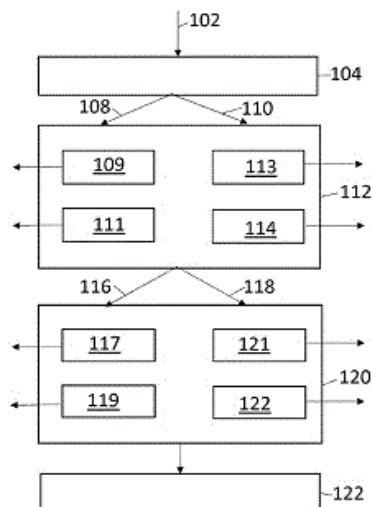
33: US 31: 62/988,176 32: 2020-03-11

33: US 31: 17/183,204 32: 2021-02-23

54: PROCESS FOR PURIFICATION OF PRODUCTS

00: -

The disclosure is directed to an apparatus and method for recovering ethanol from a fermentation broth. The fermentation broth comprises microbial biomass, ethanol, methanol, ethyl acetate, at least one thiol, and at least one compound having 3 or more carbon atoms. The method comprises separating at least microbial biomass from the fermentation broth to generate a process stream; removing, in any order, from the process stream: ethyl acetate by reacting ethyl acetate with a base compound followed by distillation; at least one thiol by adsorption or reaction to disulfide; methanol by distillation; compounds having 3 or more carbon atoms by distillation; and recovering ethanol by distillation; wherein the distillations may be conducted in a single column or two or more columns.



21: 2022/07389. 22: 2022/07/04. 43: 2024/09/18
51: A61M

71: AVAXZIPEN LIMITED

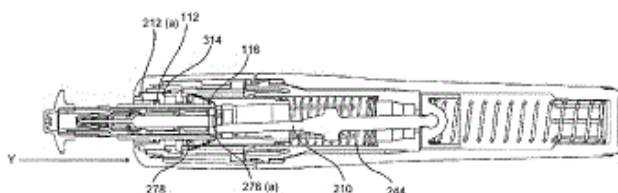
72: RYAN, OWEN, LAUNOIS, PASCAL, GRANT, DAVID

33: GB 31: 1918706.1 32: 2019-12-18

54: IMPROVEMENTS IN NEEDLE-FREE DELIVERY

00: -

The invention concerns improvements in needle-free devices for delivery of therapeutic and/or prophylactic agents, such as solid dose drugs, including vaccines. The needle-free device disclosed herein comprises novel structural arrangements and modes of actuation and operation, resulting in enhanced functionality and benefits to the user and/or patient.



21: 2022/07667. 22: 2022/07/11. 43: 2024/09/18
51: A61P; C07D; A61K

71: F. HOFFMANN-LA ROCHE AG

72: GIBBONS, PAUL, LAI, KWONG WAH, NILEWSKI, CHRISTIAN, PASTOR, RICHARD M, STABEN, STEVEN THOMAS, STIVALA, CRAIG, ZHU, BING-YAN, CHEN, HUIFEN

33: US 31: 62/964,421 32: 2020-01-22

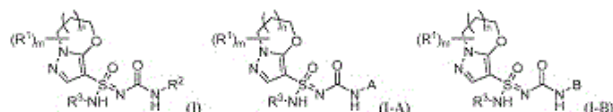
33: CN 31: PCT/CN2020/129225 32: 2020-11-17

33: CN 31: PCT/CN2020/116643 32: 2020-09-22

54: SULFONIMIDAMIDE COMPOUNDS AS NLRP3 MODULATORS

00: -

Described herein are compounds of Formula (I), Formula (I-A), and Formula (I-B), solvates thereof, tautomers thereof, and pharmaceutically acceptable salts of the foregoing, further described herein are methods of inhibiting NLRP3 using said compounds, and methods of and compositions useful in treating NLRP3-dependent disorders.



21: 2022/07674. 22: 2022/07/11. 43: 2024/09/13
51: G06F; G10H

71: Smule, Inc.

72: SMITH, Jeffrey Christopher, COOK, Perry Raymond, STEINWEDEL, David Adam, CHAN, Ka Yee

33: US 31: 16/509,688 32: 2019-07-12

54: TEMPLATE-BASED EXCERPTING AND RENDERING OF MULTIMEDIA PERFORMANCES

00: -

Disclosed herein are computer-implemented method, system, and computer-readable storage-medium embodiments for implementing template-based excerpting and rendering of multimedia performances technologies. An embodiment includes at least one computer processor configured to retrieve a first content instance and corresponding first metadata. The first content instance may include a first plurality of structural elements, with at least one structural element corresponding to at least part of the first metadata. An embodiment may further include selecting a first template comprising a first set of parameters. A parameter of the first set of parameters may be applicable to the at least one structural element. Applicable parameter(s) of the first template may be actively associated with the at least part of the first metadata corresponding to the at least one structural element. The first content instance may be transformed by a rendering engine running on the at least one computer processor.

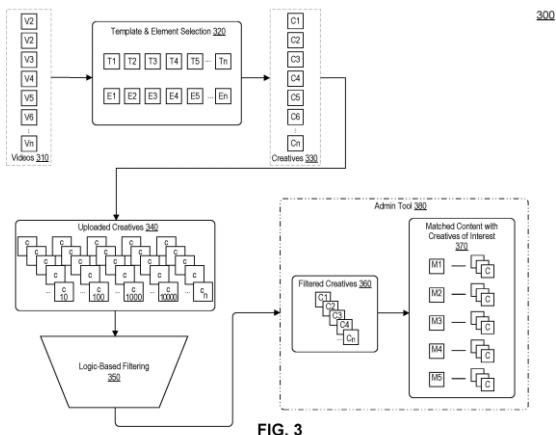


FIG. 3

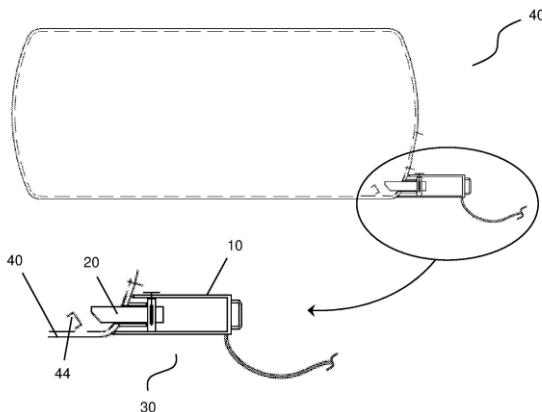
21: 2022/07717. 22: 2022/07/12. 43: 2024/09/18
 51: A61K; A61P
 71: CHIESI FARMACEUTICI S.P.A.
 72: ZAMBELLI, ENRICO
 33: EP 31: 20153973.1 32: 2020-01-28
 33: EP 31: 20214091.9 32: 2020-12-15
54: PRESSURISED METERED DOSE INHALERS COMPRISING A BUFFERED PHARMACEUTICAL FORMULATION
 00: -

The present invention generally relates to an aerosol formulation comprising formoterol and beclomethasone dipropionate, said formulation being contained in a coated can, particularly useful for the use in a pressurised metered dose inhaler for the treatment of respiratory diseases.

21: 2022/07920. 22: 2022/07/15. 43: 2024/09/13
 51: B08B; B67D
 71: Mega-Inliner International Group B.V.
 72: VAN LAARHOVEN, Sidonius Joseph Victor Marie, BRUIL, Robin William Anton, VAN BARSCHOT, Barry Fransiscus Wilhelmus, VAN BARSCHOT, Wilhelmus Theodorus Maria
 33: NL 31: 2024686 32: 2020-01-16
54: METHOD AND APPARATUS FOR REALIZING AN ASEPTIC CONNECTION BETWEEN A VALVE UNIT AND A TANK CONTAINER
 00: -

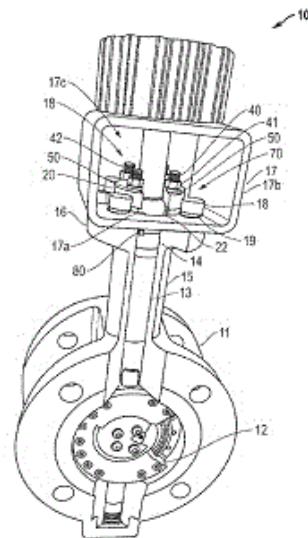
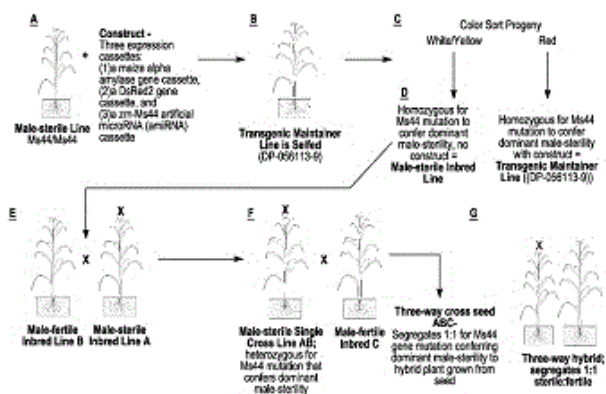
The invention relates to a method for realizing an aseptic connection between a valve unit and a tank container comprising an inliner, wherein a disinfection unit comprising the valve unit is positioned around the spout of the tank container. The valve unit is then disinfected by exposing it to a disinfection fluid and/or to electromagnetic radiation while the valve of the valve unit is in an open

position. After having closed the valve, an end portion of the valve unit is pressed against a closure element that blocks the spout of the inliner, to thereby effect that the inner environment of the inliner and the interior of the valve unit are in fluid communication. The disinfection unit is then removed and the valve unit is fastened to the tank container to ensure an aseptic connection between the valve unit and the tank container.



21: 2022/08034. 22: 2022/07/19. 43: 2024/09/18
 51: A01H; C12Q
 71: PIONEER HI-BRED INTERNATIONAL, INC.
 72: CHRISTENSEN, HEATHER MARIE, COLLINSON, SARAH, FOX, TIM, HAUG COLLET, KRISTIN, TRIMNELL, MARY
 33: US 31: 62/966,055 32: 2020-01-27
 33: US 31: 63/011,615 32: 2020-04-17
54: MAIZE EVENT DP-056113-9 AND METHODS OF USE THEREOF
 00: -

The compositions and methods disclosed relate to DNA compositions, plant cells, seeds, plant parts that relate to maize maintainer plants. Also provided are assays for detecting the presence of the maize DP-056113-9 event based on the DNA sequence of the recombinant DNA construct inserted into the maize genome and the DNA sequences flanking the insertion site. Kits and conditions useful in conducting the assays are provided.



21: 2022/08104. 22: 2022/07/20. 43: 2024/09/18

51: F16K; F16J

71: BRAY INTERNATIONAL, INC.

72: KITCHENS, MICHAEL, SCHMIDT, JIM, DHRUVA, BRINDESH, DALENBERG, JASON

33: US 31: 62/956,774 32: 2020-01-03

54: VALVE WITH LOAD CELL

00: -

The embodiments disclosed herein relate to an apparatus for monitoring a valve (10) having: a body (11) of the valve containing a control element (12); a neck (15) extending from the body of the valve and connected to a mounting support (17), wherein the neck partially houses a valve stem (13) connected to the control element and further wherein the valve stem extends through the mounting support; a gland ring (22) mounted around the valve stem, wherein the gland ring is partially within the mounting support; a gland retainer (20) mounted above the gland ring within the mounting support; one or more fasteners (18) connecting the gland retainer to the body of the valve; and one or more load cells (50) mounted around the fasteners and located above the gland retainer, wherein each load cell is configured to sense a clamping force between a top surface and a bottom surface of the load cell.

21: 2022/08111. 22: 2022/07/20. 43: 2024/09/18

51: A61K; A61M

71: CHIESI FARMACEUTICI S.P.A.

72: ZAMBELLI, ENRICO

33: EP 31: 20158552.8 32: 2020-02-20

33: EP 31: 20214098.4 32: 2020-12-15

54: PRESSURISED METERED DOSE INHALERS COMPRISING A BUFFERED PHARMACEUTICAL FORMULATION

00: -

The present invention generally relates to an aerosol formulation comprising formoterol, beclomethasone dipropionate and glycopyrronium bromide, said formulation being contained in a coated can, particularly useful for the use in a pressurised metered dose inhaler for the treatment of respiratory diseases.

21: 2022/08159. 22: 2022/07/21. 43: 2024/09/18

51: A61K; C07K

71: CYTOMX THERAPEUTICS, INC.

72: MOORE, STEPHEN JAMES, NGUYEN, MARGARET THY LUU, HOSTETTER, DANIEL R, VASILJEVA, OLGA

33: US 31: 61/971,009 32: 2014-03-27

33: US 31: 61/934,619 32: 2014-01-31

54: MATRIPTASE AND U-PLASMINOGEN ACTIVATOR SUBSTRATES AND OTHER CLEAVABLE MOIETIES AND METHODS OF USE THEREOF

00: -

The invention relates generally to polypeptides that include a cleavable moiety that is a substrate for at least one protease selected from matriptase and u-

plasminogen activator (uPA), to activatable antibodies and other larger molecules that include the cleavable moiety that is a substrate for at least one protease selected from matriptase and u-plasminogen activator, and to methods of making and using these polypeptides that include a cleavable moiety that is a substrate for at least one protease selected from matriptase and u-plasminogen activator in a variety of therapeutic, diagnostic and prophylactic indications.

FIGURE 4A

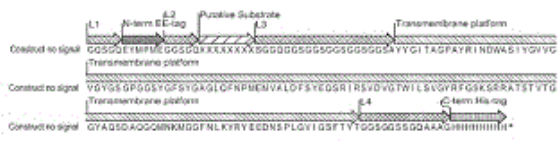
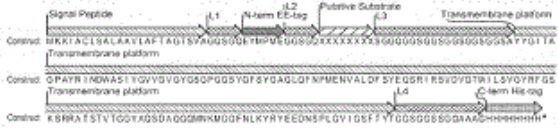


FIGURE 4B



substrate for at least one SP protease in a variety of therapeutic, diagnostic and prophylactic indications.

FIGURE 1A

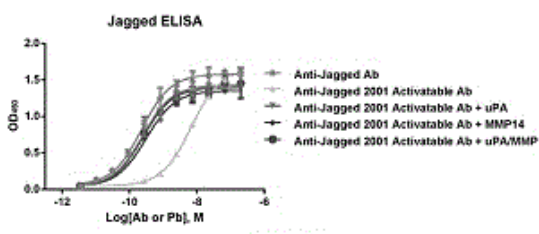
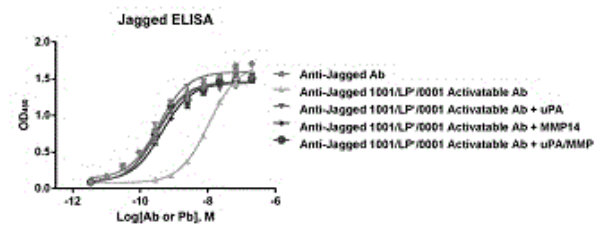


FIGURE 1B



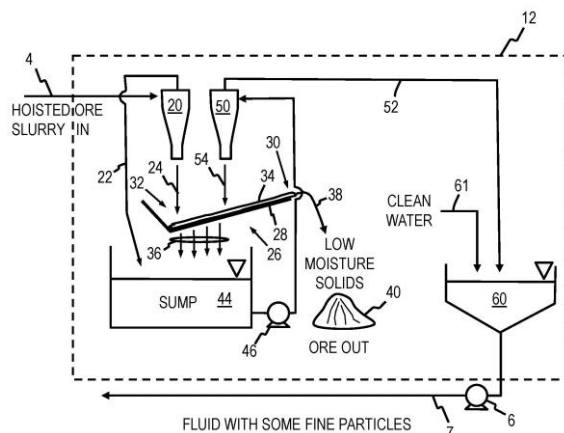
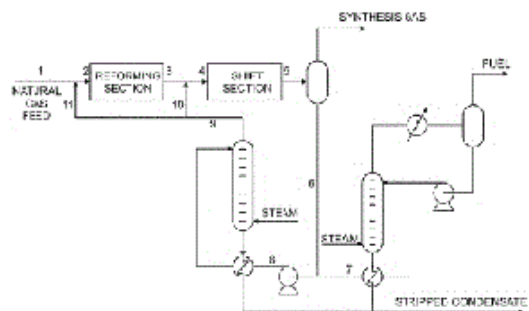
21: 2022/08160. 22: 2022/07/21. 43: 2024/09/18
 51: A61K; C07K
 71: CYTOMX THERAPEUTICS, INC.
 72: MOORE, STEPHEN JAMES, NGUYEN, MARGARET THY LUU, HOSTETTER, DANIEL R, VASILJEVA, OLGA, SAGERT, JASON GARY, TERRETT, JONATHAN ALEXANDER, WEST, JAMES WILLIAM
 33: US 31: 62/105,490 32: 2015-01-20
 33: US 31: 62/258,015 32: 2015-11-20
 33: US 31: 62/278,713 32: 2016-01-14

54: MATRIX METALLOPROTEASE-CLEAVABLE AND SERINE PROTEASE CLEAVABLE SUBSTRATES AND METHODS OF USE THEREOF

00: -
 The invention relates generally to polypeptides that include at least a first cleavable moiety (CM1) that is a substrate for at least one matrix metalloprotease (MMP) and at least a second cleavable moiety (CM2) that is a substrate for at least one serine protease (SP), to activatable antibodies and other larger molecules that include these polypeptides that include at least a CM1 that is a substrate for at least one MMP protease and at least a CM2 that is a substrate for at least one SP protease, and to methods of making and using these polypeptides that include at least a CM1 that is a substrate for at least one MMP protease and at least a CM2 that is a

21: 2022/08171. 22: 2022/07/21. 43: 2024/09/18
 51: C01B; B01D
 71: TOPSOE A/S
 72: DAHL, PER JUUL
 33: DK 31: PA 2020 00270 32: 2020-03-03
54: PROCESS FOR THE PRODUCTION OF SYNTHESIS GAS
 00: -

A process for producing synthesis gas, the process comprising the steps of a) reforming a hydrocarbon feed in a reforming section thereby obtaining a synthesis gas comprising CH₄, CO, CO₂, H₂ and H₂O and impurities comprising ammonia; b) shifting the synthesis gas in a shift section comprising one or more shift steps in series to a shifted synthesis gas; c) separating from the shifted synthesis gas a process condensate originating from cooling and optionally washing of the shifted synthesis gas; d) passing a part of the process condensate to a condensate steam stripper, wherein dissolved shift byproducts comprising ammonia, methanol and amines formed during shifting the synthesis gas are stripped out of the process condensate using steam resulting in a stripper steam stream, e) adding the stripper steam stream from the process condensate steam stripper to the hydrocarbon feed and/or to the synthesis gas downstream the reforming section, upstream the last shift step, wherein the remaining part of the process condensate is purged.



21: 2022/08291. 22: 2022/07/25. 43: 2024/10/28
 51: B03B; B04C; B07B; C02F; E21B
 71: Weir Minerals Netherlands B.V.
 72: VAN RIJSWICK, Rudolfus, KRUYSWIJK, Jacob
 33: GB 31: 2001698.6 32: 2020-02-07

54: DEWATERING SYSTEM

00: -

A dewatering system (12) for dewatering a slurry discharged from a riser (4) in a hydraulic ore hoisting system (10) to provide a driving fluid for use in said hydraulic ore hoisting system is described. The dewatering system comprises a primary cyclone (20) and a dewatering screen (26) for receiving a primary cyclone underflow stream (24) and having at least one upwardly sloping vibrating screen deck to create a lateral flow (38) from the underflow stream over the raised end of the deck and a vertical flow (36) from the underflow stream through the screen deck. The dewatering system also comprises a secondary cyclone (50) for receiving a combination of the primary cyclone overflow and the dewatering screen underflow to concentrate the remaining fine particles into a secondary cyclone underflow stream (54) to be recirculated to the vibrating screen deck of the dewatering screen, and a secondary cyclone overflow stream (52) suitable for use as a driving fluid.

21: 2022/08343. 22: 2022/07/26. 43: 2024/09/18
 51: A61K

71: XELLIA PHARMACEUTICALS APS

72: FUMIC, BARBARA

33: US 31: 62/982,945 32: 2020-02-28

54: DAPTOMYCIN FORMULATION

00: -

The present disclosure relates to a solid formulation of daptomycin comprising at least one branched aliphatic amino acid. Solid daptomycin formulation of the present disclosure shows improved reconstituted time. The disclosure further relates to a method of preparation of the solid daptomycin formulation according to this disclosure.

21: 2022/08402. 22: 2022/07/27. 43: 2024/09/18
 51: B01J; B01D

71: DOW GLOBAL TECHNOLOGIES LLC

72: KUMBHALKAR, MRUNMAYI, CHEN, WU, MURDOCH, BRIAN, SHI, HAIFENG, ZHAO, LIN

33: US 31: 62/968,224 32: 2020-01-31

54: CATALYST SEPARATION PROCESS

00: -

A process for separating a catalyst component from a catalyst-containing slurry by centrifugation including separating the catalyst component from the mother liquor of the catalyst-containing slurry using a stacked disc centrifuge equipped with an auto-discharging functionality. The solids discharge from the stacked disc centrifuge is enhanced by adding a washing solution to the bowl and the solids discharge chute of the stacked disc centrifuge.

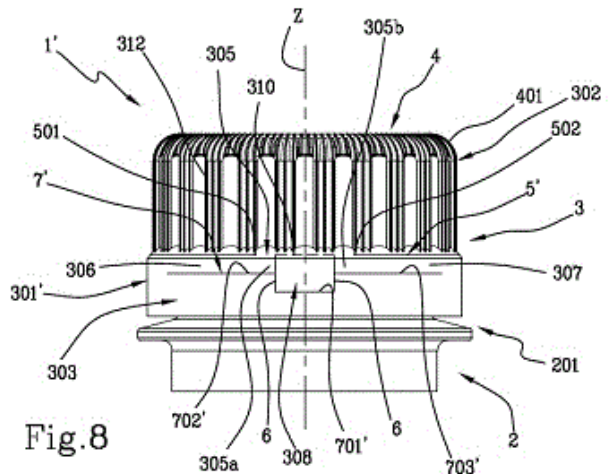
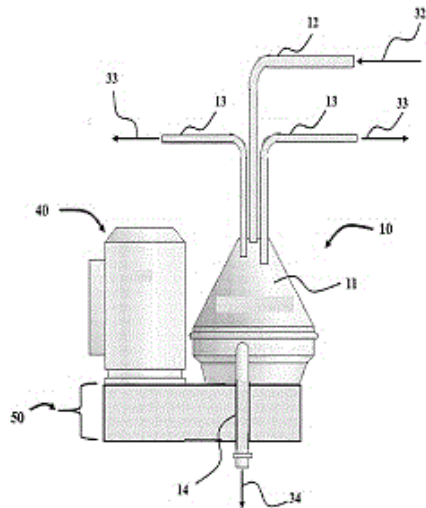


Fig.8

21: 2022/08456. 22: 2022/07/28. 43: 2024/09/18
 51: B65D
 71: SACMI COOPERATIVA MECCANICI IMOLA SOCIETÀ COOPERATIVA
 72: BASSI, VITTORIO, FALZONI, ALESSANDRO
 33: IT 31: 102020000006496 32: 2020-03-27
54: COMBINATION OF A CAP FOR A CONTAINER AND A NECK OF THE CONTAINER
 00: -

A combination of a closing cap (1') for and a neck (201) of a container (2), the cap comprising lateral and transversal walls (3,4), a (circumferentially interrupted) separation line (5') of the lateral wall defining a retaining ring (301'), configured to remain anchored to the neck and a closing element (302) to open or close the container. The retaining ring comprises a retaining portion (303), configured to engage internally with a locking ring (202) projecting from an outer surface of the neck. The retaining ring comprises a joining portion (305), first and second connecting bands (306,307), and a tab (308). The connecting bands are made by an incision line (7') which comprises first and second lateral stretches (702',703') which keep the retaining ring and closing element connected when same is open, while the tab can rest on the neck beyond an upper end (202c) of the locking ring.

21: 2022/09575. 22: 2022/08/26. 43: 2024/09/16
 51: A01G; A01N; A01P; C05F
 71: Ac-Planta Inc.

72: KIM, Jongmyong
 33: JP 31: 2020-034089 32: 2020-02-28
54: HEAT TOLERANCE OR DRYING TOLERANCE IMPROVING AGENT, SALT TOLERANCE IMPROVING AGENT, ACTIVITY IMPROVING AGENT FOR PLANT

00: -
 The present invention pertains to a plant heat resistance or drought resistance improving agent, salt tolerance improving agent, and activity improving agent containing: an acetic acid or a salt thereof, or a solvate of one of these; and a malic acid or a salt thereof, or a solvate of one of these.

21: 2022/09690. 22: 2022/08/30. 43: 2024/09/13
 51: B05B
 71: Spraying Systems Co.

72: CROSBY, David, WINTER, Timothy
 33: US 31: 62/976,892 32: 2020-02-14
54: THREE WAY VALVE CONTROLLED SPRAYING SYSTEM

00: -
 A liquid spraying system having a liquid spray section and a controller for controlling liquid to the spray section. The controller includes a valve operable between multiple positions for controlling the supply of liquid to the spray section and enabling the flow of liquid from the spray section to a flow back line only after the liquid supply to the spray section has been terminated.

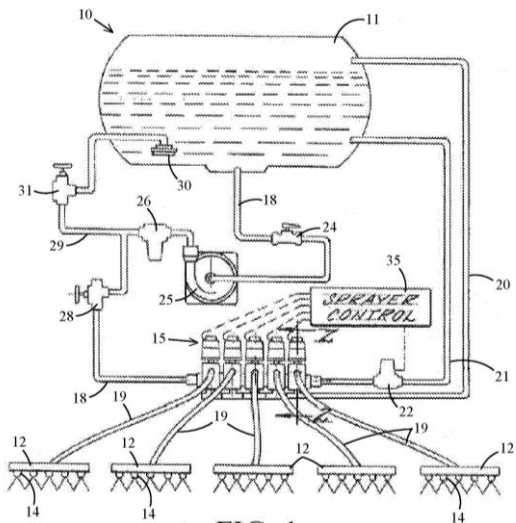


FIG. 1

21: 2022/09731. 22: 2022/08/31. 43: 2024/09/09
 51: H04W
 71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

72: LONG, Hongxia
 33: CN 31: PCT/CN2020/074635 32: 2020-02-10
54: METHODS AND APPARATUSES FOR SMS DELIVERY

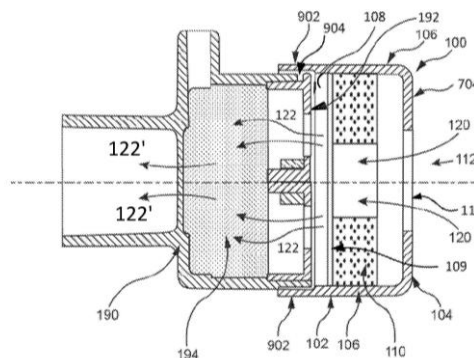
00: -
 Methods and apparatuses for short message service (SMS) delivery are disclosed. According to an embodiment, a unified data management (UDM) entity maintains a short message service (SMS) waiting context for a terminal device. The SMS waiting context is information related to a re-attempt of a mobile terminating (MT) SMS delivery from at least one SMS service center (SMS-SC) to the terminal device due to a failure of the MT SMS delivery.

21: 2022/09783. 22: 2022/09/01. 43: 2024/09/16
 51: A61M
 71: Fogless International AB
 72: EKEBERG, Daniel, BLOMQUIST, Inge
 33: SE 31: 2050231-6 32: 2020-03-02

54: A HOOD FOR HUMIDIFYING AIR ENTERING INTO A TRACHEOSTOMY VALVE

00: -
 The disclosure relates to a hood (100) for humidifying air entering into a tracheostomy valve (190) comprising: a container (102) having a front wall (104) and a rear wall (108), the rear wall (108) being configured to face an inlet (192) of the

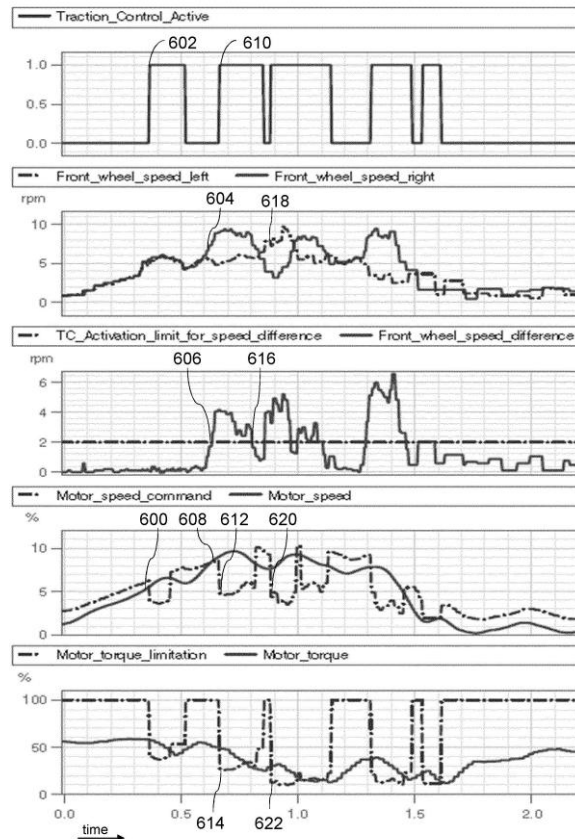
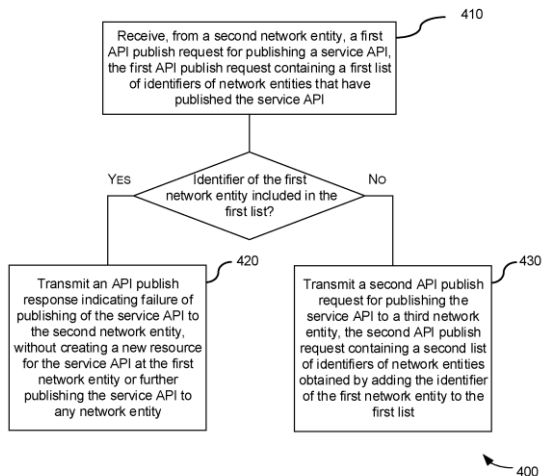
tracheostomy valve (190); the container (102) comprising a material (110) enclosed by the front wall (104) and the rear wall (108); and a channel (112), extending through the front wall (104), extending past the material (110) and extending through the rear wall (108), allowing exterior air (120) to flow through the container (102) to the tracheostomy valve (190) during inhalation.



21: 2022/09969. 22: 2022/09/07. 43: 2024/09/12
 51: H04L G06F
 71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

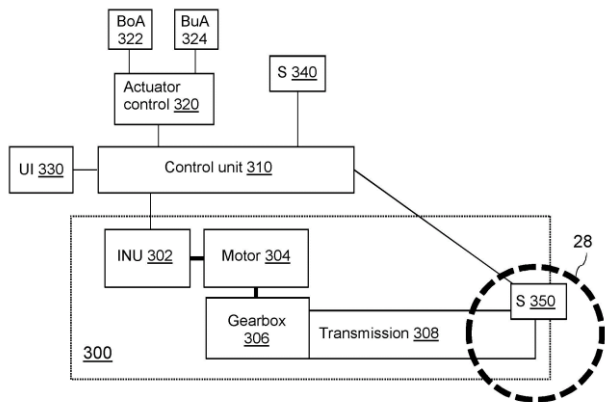
72: XU, Wenliang
 33: CN 31: PCT/CN2020/075379 32: 2020-02-14
54: METHOD AND NETWORK ENTITY FOR SERVICE API PUBLISHING

00: -
 The present disclosure provides a method (400) in a first network entity for service Application Programming Interface, API, publishing. The method (400) includes: receiving (410), from a second network entity, an API publish request for publishing a service API, the API publish request containing a list of identifiers of network entities that have published the service API; and transmitting (420), when an identifier of the first network entity is included in the list, an API publish response indicating failure of publishing of the service API to the second network entity, without creating a new resource for the service API at the first network entity or further publishing the service API to any network entity.



21: 2022/10694. 22: 2022/09/27. 43: 2024/09/13
 51: E02F; E21C; G05B
 71: Sandvik Mining and Construction Oy
 72: VERHO, Samuli, VATANEN, Harri
 33: EP(FI) 31: 20173126.2 32: 2020-05-06
54: TRACTION CONTROL DURING LOADING OPERATIONS OF A MINING MACHINE
 00: -
 According to an example aspect of the present invention, there is provided a method, comprising: detecting (200) a work machine (10) comprising an electric drive line (300), a boom (14), and a bucket (16) connected to the boom to enter a bucket loading mode, and initiating (210) a bucket loading specific traction control procedure in response to detecting the work machine to enter the bucket loading mode. The procedure comprises detecting (230) a wheel slip condition during the bucket loading mode on the basis of drive line information and at least one slip condition threshold value p re-configured for the bucket loading mode, and defining (240) a bucket loading specific traction control parameter set in response to the detected slip condition.

21: 2022/10696. 22: 2022/09/27. 43: 2024/09/13
 51: E02F; E21C; G05B
 71: Sandvik Mining and Construction Oy
 72: VERHO, Samuli, VATANEN, Harri
 33: EP(FI) 31: 20173119.7 32: 2020-05-06
54: AUTONOMOUS LOADING OPERATIONS OF A MINING MACHINE
 00: -
 According to an example aspect of the present invention, there is provided a method, comprising: receiving, during a first action of an automatic adaptive loading procedure by a work machine (10) equipped with a boom (14) and a bucket (16) connected to the boom, drive line information of at least one drive line component of the work machine (10), defining a set of control parameters on the basis of the received drive line information, and controlling position of the boom, position of the bucket, and speed of the work machine on the basis of the defined set of control parameters during a second action of the automatic adaptive loading procedure.



21: 2022/11168. 22: 2022/10/12. 43: 2024/09/13

51: C11D

71: Givaudan SA

72: PICCI, Sebastien, BLONDEAU, Philippe, MOUTTE, Maxence, ROPARTZ-LEBEL, Celine

33: GB 31: 2006600.7 32: 2020-05-05

54: FRAGRANCE COMPOSITION

00: -

The present invention relates to a fragrance composition, to a method for obtaining a fragrance composition, to a fragrance composition obtainable by such a method and to a use of such a fragrance composition.

21: 2022/11738. 22: 2022/10/27. 43: 2024/09/16

51: G01N

71: Purdue Research Foundation

72: COOKS, Robert Graham, MORATO, Nicolas M., HOLDEN, Dylan T.

33: US 31: 63/022,715 32: 2020-05-11

54: HIGH-THROUGHPUT LABEL-FREE ENZYMATIC BIOASSAYS USING AUTOMATED DESI-MS

00: -

The invention generally relates to high-throughput label-free enzymatic bioassays using desorption electrospray ionization - mass spectrometry (DESI-MS).

21: 2022/11792. 22: 2022/10/28. 43: 2024/09/16

51: B21D; F28D

71: Westinghouse Electric Company LLC

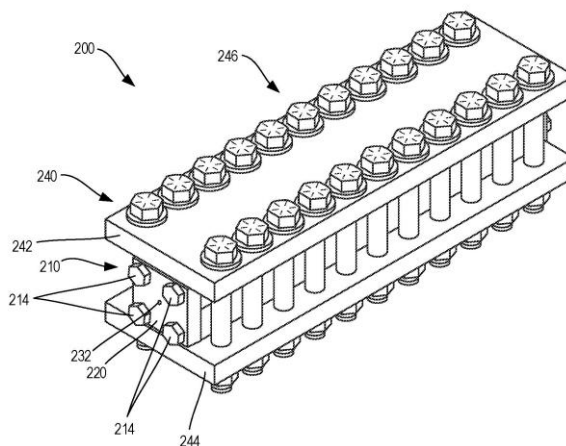
72: LOJEK III, John, SWARTZ, Matthew M., BYERS, William A.

33: US 31: 16/853,270 32: 2020-04-20

54: INTERNAL HYDROFORMING METHOD FOR MANUFACTURING HEAT PIPE WICKS

00: -

A forming assembly configured to form a wick is disclosed. The forming assembly includes an expandable tube and a forming shell assembly. The expandable tube is hydraulically expandable to an expanded configuration. A wick mesh is configured to be wrapped about the expandable tube. The forming shell assembly includes a first forming shell comprising a first recess defined therein and a second forming shell comprising a second recess defined therein. The first recess and the second recess cooperate to define an outer diameter of the wick. The expandable tube and the wick mesh are positionable between the first recess and the second recess, the expandable tube and the forming shell assembly are configured to deform the wick mesh and form the wick based on the expandable tube hydraulically expanding towards the expanded configuration.



21: 2022/11853. 22: 2022/10/31. 43: 2024/09/16

51: B21D; F28D

71: Westinghouse Electric Company LLC

72: LOJEK, John, SWARTZ, Matthew M., BYERS, William A., KUSTRA, Gregory A., GROSS, David M.

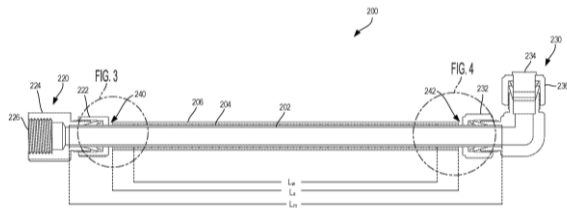
33: US 31: 63/012,725 32: 2020-04-20

54: INTERNAL HYDROFORMING METHOD FOR MANUFACTURING HEAT PIPE WICKS UTILIZING A HOLLOW MANDREL AND SHEATH

00: -

A forming assembly for forming a wick is disclosed. The forming assembly includes a tube inflatable to an inflated configuration. A wick mesh is configured to be wrapped about the tube. The forming assembly further includes a sheath positionable about the tube and the wick mesh. The tube and the sheath are configured to compress the wick mesh and form the

wick based on the tube inflating towards the inflated configuration.



21: 2022/11888. 22: 2022/11/01. 43: 2024/09/12

51: H04W

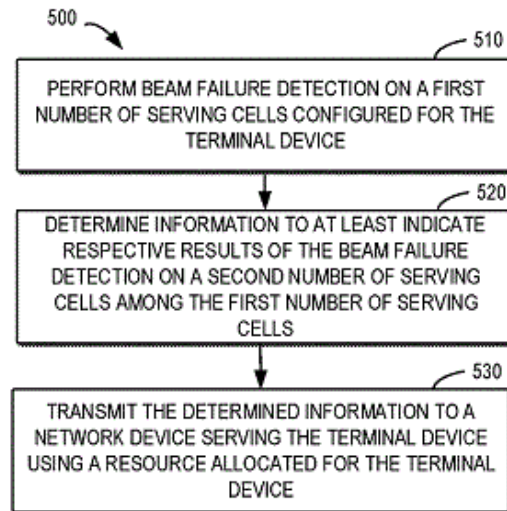
71: NOKIA TECHNOLOGIES OY

72: TURPINEN, Samuli, KOSKELA, Timo, WU, Chunli

54: REPORTING BEAM FAILURE

00: -

Example embodiments of the present disclosure relate to reporting beam failure. A terminal device performs beam failure detection on a first number of serving cells configured for the terminal device. The terminal device determines information to at least indicate respective results of the beam failure detection on a second number of serving cells among the first number of serving cells, where the second number is smaller than the first number. The determined information is transmitted by the terminal device to a network device serving the terminal device using a resource allocated for the terminal device. Based on the information, the network device determines an overall result of the beam failure detection performed on the first number of serving cells.



21: 2022/12244. 22: 2022/11/09. 43: 2024/09/16

51: B67D; C12C; C12G

71: Heineken Supply Chain B.V.

72: BROUWER, Eric Richard, BEKKERS, Augustinus Cornelius Aldegonde Petrus Albert

33: EP(NL) 31: 20175082.5 32: 2020-05-15

54: SINGLE-SERVE CAPSULE FOR PREPARING ALCOHOLIC BEER

00: -

The invention relates to a single-serve capsule comprising at least two compartments, including a first compartment and a second compartment; wherein the first compartment comprises a liquid concentrate of an alcohol-free beer, said liquid beer concentrate having an ethanol content of 0-1 % ABV, wherein the second compartment comprises an alcoholic liquid containing 12-100 wt.% ethanol and 0-88 wt.% water, and wherein ethanol and water together constitute 80-100 wt.% of the alcoholic liquid. The capsule of the present invention can suitably be used to prepare a good quality alcoholic beer by mixing the contents of the capsule with carbonated water. The liquid beer concentrate in the first compartment can suitably be produced by reducing the water content of alcohol-free beer by means of membrane separation and/or by means of freeze concentration. The physicochemical stability of the liquid beer concentrate so obtained is very high due to the very low (or zero) ethanol content.

21: 2022/12247. 22: 2022/11/09. 43: 2024/08/16

51: C25C

71: ELYSIS LIMITED PARTNERSHIP

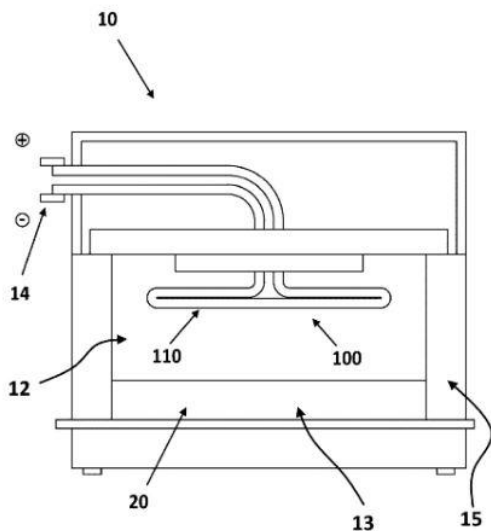
72: BARDET, Benoit, BECASSE, Sebastien, D'ASTOLFO, Leroy, FORS, John, NOIZET, Alain, PETITJEAN, Bruno

33: US 31: 63/018,680 32: 2020-05-01

54: SYSTEM AND PROCESS FOR STARTING UP AN ELECTROLYTIC CELL

00: -

It is disclosed a system and process for starting up an electrolytic cell. The system and process are particularly adapted for preheating an electrolytic cell or pot having cathodes before installing preheated anodes in the cell, for the production of a metal (e.g. aluminum). The system comprises one or more electrical heaters installed in the cell in place of the anode assemblies and can be used with a dry bath or a liquid melted bath (e.g. cryolite). The cell is preferably preheated by as many cell preheaters as there are anode assemblies. The cell preheater is preferably powered by current available in the pot's busbar. The invention is environmentally friendly as being preferably adapted for preheating a cell working with inert or oxygen-evolving anodes. Furthermore, the starting up process allows optimizing / reducing the time necessary for starting up the electrolytic cell, while securing the materials located inside the cell.



21: 2022/12406. 22: 2022/11/14. 43: 2024/09/16

51: B67D; C12C; C12G; C12H

71: Heineken Supply Chain B.V.

72: TESSIOT, Sabine Charlette Jacqueline, BROUWER, Eric Richard, BEKKERS, Augustinus Cornelius Aldegonde Petrus Albert

33: EP(NL) 31: 20175079.1 32: 2020-05-15

33: EP(NL) 31: 20175081.7 32: 2020-05-15

33: EP(NL) 31: 20175077.5 32: 2020-05-15

33: EP(NL) 31: 20175078.3 32: 2020-05-15

33: EP(NL) 31: 20175082.5 32: 2020-05-15

54: SINGLE-SERVE CAPSULE FOR PREPARING A BEER-LIKE BEVERAGE

00: -

The present invention relates to a capsule comprising at least two compartments, including a first compartment and a second compartment; wherein the first compartment comprises 5-30 mL of an aqueous liquid having an ethanol content of 0-10% ABV and comprising 0.1-25wt.% of protein; and wherein the second compartment comprises 5-50 mL of an alcoholic liquid containing 20-99.9 wt.% ethanol, 0-60 wt.% water, and 50-2,000 mg/kg of hop acids acids selected from iso-alpha acids, hydrogenated iso-alpha acids, hulupones and combinations thereof, and wherein ethanol and water together constitute at least 80 wt.% of the alcoholic liquid. The capsule can suitably be used to prepare a hopped alcoholic beverage with a foam head, similar to ordinary beer. To prepare such a beverage, the contents of the capsule are combined with carbonated water and dispensed into a e.g. a drinking glass.

21: 2022/12624. 22: 2021/05/21. 43: 2024/09/09

51: H04N

71: GE VIDEO COMPRESSION, LLC

72: SÁNCHEZ DE LA FUENTE, Yago, SÜHRING, Karsten, HELLGE, Cornelius, SCHIERL, Thomas, SKUPIN, Robert, WIEGAND, Thomas

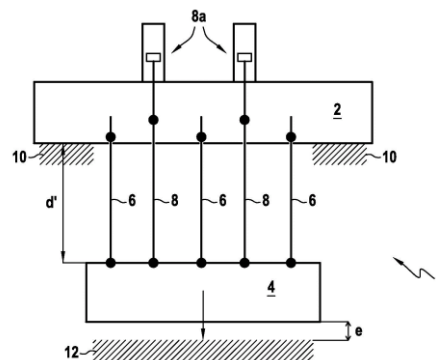
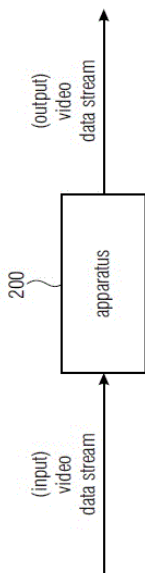
33: EP 31: 20176178.0 32: 2020-05-22

33: EP 31: 20176206.9 32: 2020-05-22

54: VIDEO ENCODER, VIDEO DECODER, METHODS FOR ENCODING AND DECODING AND VIDEO DATA STREAM FOR REALIZING ADVANCED VIDEO CODING CONCEPTS

00: -

An apparatus (200) for receiving an input video data stream according to an embodiment is provided. The input video data stream has a video encoded thereinto. The apparatus (200) is configured to generate an output video data stream from the input video data stream.



21: 2022/12716. 22: 2022/11/22. 43: 2024/09/16
 51: B63B; F03D
 71: Saipem S.A.
 72: AUPERIN, Mathieu
 33: FR 31: 2005466 32: 2020-05-25
54: METHOD AND SYSTEM FOR TENSIONING A HYPERSTATIC SYSTEM

00: -
 The invention relates to a method and system for tensioning a hyperstatic system (1) comprising two structures connected to each other, the method comprising: a step a) consisting of connecting, by means of at least one non-adjustable tendon (6) and at least one adjustable tendon (8) which is formed by a tendon coupled to a cylinder (8a) in an initially retracted position, an upper structure (2) to a lower structure (4) which is positioned below the upper structure while maintaining zero tension in the tendons; a step b) consisting of applying a force to the upper structure and/or the lower structure in order to tension each adjustable tendon and to deploy the respective cylinder thereof, the tension of each non-adjustable tendon remaining at zero; and a step c) consisting of progressively increasing the force until the tension of each non-adjustable tendon reaches a threshold value which brings about a load transfer from the lower structure to the upper structure so as to allow the lower structure to be supported by the upper structure.

21: 2022/13100. 22: 2022/12/02. 43: 2024/09/16
 51: A01N

71: Valent BioSciences LLC
 72: SURPIN, Marci Ann, FRITTS Jr., Robert, WOOLARD, Derek, SILVERMAN, Franklin Paul
 33: US 31: 63/044,566 32: 2020-06-26

54: 1-AMINO-1-CYCLOPROPANECARBOXYLIC ACID MIXTURES AND USES THEREOF

00: -
 The present invention relates to 1-amino-1-cyclopropanecarboxylic acid (ACC) mixtures. The present invention further relates to methods of promoting or synchronizing bud break in woody perennial plants by applying ACC mixtures of the present invention. The present invention further relates to methods of promoting plant growth in woody perennial plants by applying ACC mixtures of the present invention.

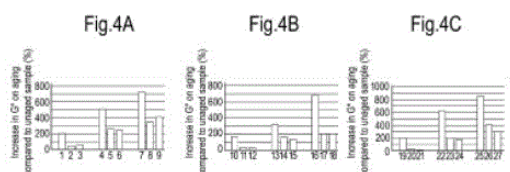
21: 2023/00364. 22: 2023/01/09. 43: 2024/10/25
 51: C08K

71: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
 72: D'MELO, Dawid John, TAYLOR, Richard Ernest, TUGAL, Bulent
 33: IN 31: 202041032871 32: 2020-07-31

54: ANTI-AGEING ADDITIVES FOR BITUMEN

00: -
 The invention relates to an additive composition comprising primary anti-oxidants and a secondary anti-oxidant, wherein the primary anti-oxidants are a phenyl phosphite and 3,3'-thiodipropionic acid dioctadecylester, and wherein the secondary anti-oxidant is epoxidized soybean oil. The invention additionally relates a bituminous composition comprising primary anti-oxidants and a secondary anti-oxidant, wherein the primary anti-oxidants are a phenyl phosphite and 3,3'-thiodipropionic acid

dioctadecylester; and wherein the secondary anti-oxidant is epoxidized soybean oil. The invention also relates to an asphalt composition comprising the bituminous composition with resistance to short-term and long-term chemical ageing. The invention further relates to the use of an additive composition to reduce short-term and long-term chemical ageing of a bituminous composition.



21: 2023/00443. 22: 2023/01/10. 43: 2024/10/25
51: H04B

71: ZTE CORPORATION

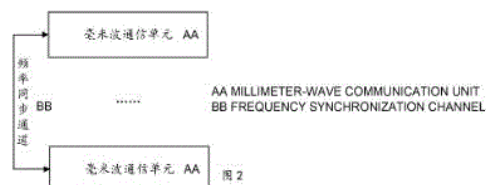
72: FAN, Peng

33: CN 31: 202010536981.7 32: 2020-06-12

54: COMMUNICATION SYSTEM, COMMUNICATION METHOD, AND COMPUTER STORAGE MEDIUM

00: -

A communication system, a communication method, and a computer storage medium. The communication system comprises at least two millimeter-wave communication units; one of the millimeter-wave communication units is a reference millimeter-wave communication unit; a frequency synchronization channel is established between the reference millimeter-wave communication unit and other millimeter-wave communication units, and the reference millimeter-wave communication unit transmits the reference frequency to other millimeter-wave communication units by means of the frequency synchronization channel; the millimeter-wave communication units demodulate received millimeter-wave signals on the basis of the reference frequency by means of corresponding radio frequency modules.



21: 2023/00764. 22: 2023/01/17. 43: 2024/09/20
51: C10L

71: CHEVRON ORONITE COMPANY LLC, CHEVRON U.S.A. INC.

72: KUO, CHUNG-HAO, RUHE JR., WILLIAM RAYMOND, NG, MAN KIT, FUENTES-AFFLICK, PETER A, ICKES, ANDREW M, CHAN, CARRIE Y, GUNAWAN, THERESA L

33: US 31: 63/048,922 32: 2020-07-07

54: FUEL ADDITIVES FOR MITIGATING INJECTOR NOZZLE FOULING AND REDUCING PARTICULATE EMISSIONS

00: -

The present disclosure provides a fuel composition that includes hydrocarbon-based fuel boiling in the gasoline or diesel range; an amine-based detergent given by formula $R_1-O-(CH_2)_m-NHR_2$, wherein the additive is present in about 10 ppm to about 750 ppm by weight based on total weight of the fuel composition; wherein R_1 is a hydrocarbonyl group having 8 to 20 carbons, R_2 is hydrogen or $(CH_2)_nNH_2$ moiety, and wherein m, n are independently integers having a value of 3 or greater; and one or more nitrogen-containing detergent.

21: 2023/00928. 22: 2023/01/20. 43: 2024/09/10
51: H01L

71: Safran Electronics & Defense, Centre National De La Recherche Scientifique - CNRS, Université de Rennes

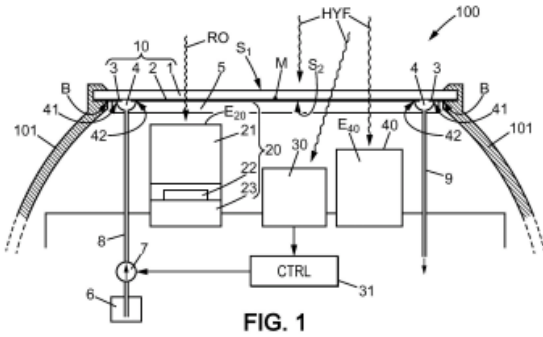
72: TRICAS, Quentin, FOUTREL, Patrice, BESNIER, Philippe, CASTEL, Xavier, LE PAVEN, Claire

33: FR 31: 20 07712 32: 2020-07-22

54: OPTICALLY TRANSPARENT ELECTROMAGNETIC SHIELDING ASSEMBLY

00: -

This optically transparent electromagnetic shielding assembly (10) has a shielding effectiveness that is increased when a conductive or polarisable fluid establishes a low electrical-impedance value between a periphery and a central region of a window. Such a shielding assembly is useful in detecting systems (100) that are exposed to varying intensities of microwave radiation (HYF).



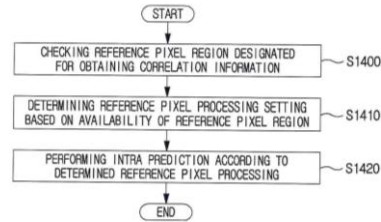
54: IMAGE ENCODING/DECODING METHOD AND DEVICE

00: -
 An intra prediction method according to the present invention may comprise: identifying a reference pixel region designated for obtaining correlation information; determining a reference pixel processing configuration on the basis of determination of the availability of the reference pixel region; and performing intra prediction according to the determined reference pixel processing. As described above, performing intra prediction on the basis of the availability of a reference pixel according to the present invention can improve encoding performance.

21: 2023/01069. 22: 2023/01/25. 43: 2024/09/19
 51: G01S; G05D; G08G
 71: HEXAGON GEOSYSTEMS SERVICES AG
 72: RU, XIAO, SPRING, PETER, ARNÓ, LINUS, HUBER, JOHANNES, KRITTER, FABIEN
 33: US 31: 17/669,246 32: 2022-02-10

54: METHOD AND SYSTEM FOR ON-SITE TESTING OF AN OFF-ROAD VEHICLE INTERVENTION SYSTEM

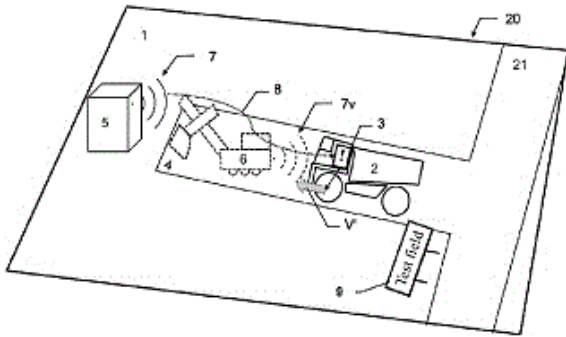
00: -
 On-site test facility and method for validation of an off-road vehicle intervention system onboard a utility vehicle, for example at a mine, using a testing area in the field with a test lane and a computer unit configured to emulate a virtual test object by generating and transmitting an RF-signal corresponding to RF-signal of a real object being in risk of collision with the oversized vehicle when a driver is driving the utility vehicle on the test lane.



21: 2023/02485. 22: 2023/02/24. 43: 2024/10/10
 51: B01L; C12Q; G01N; H01L; C40B
 71: ILLUMINA, INC.
 72: DEHLINGER, Dietrich, AGAH, Ali, FUNG, Tracy Helen, KOSTEM, Emrah
 33: US 31: 62/614,934 32: 2018-01-08
 33: US 31: 62/614,930 32: 2018-01-08
 33: NL 31: 2020758 32: 2018-04-12

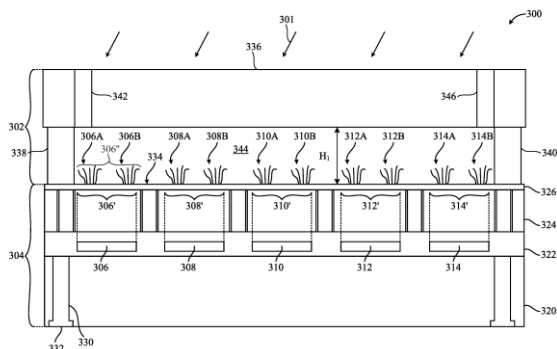
54: HIGH THROUGHPUT SEQUENCING WITH SEMICONDUCTOR-BASED DETECTION

00: -
 A biosensor (300) for base calling is provided. The biosensor (300) comprises a sampling device, which includes a sample surface (334) that has an array of pixel areas (306', 308', 310', 312', 314') and a solid-state imager (322) that has an array of sensors (306, 308, 310, 312, 314). Each sensor (306, 308, 310, 312, 314) generates pixel signals in each base calling cycle. Each pixel signal represents light gathered in one base calling cycle from one or more clusters (306A, 306B; 308A, 308B; 310A, 310B; 312A, 312B; 314A, 314B) in a corresponding pixel area (306', 308', 310', 312', 314') of the sample surface (334). The biosensor (300) further comprises a signal processor configured for connection to the sampling device. The signal processor receives and processes the pixel signals from the sensors (306,



21: 2023/01490. 22: 2023/02/06. 43: 2024/10/25
 51: H04N
 71: B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
 72: KIM, Ki Baek
 33: KR 31: 10-2018-0034174 32: 2018-03-25
 33: KR 31: 10-2018-0034882 32: 2018-03-27
 33: KR 31: 10-2018-0085679 32: 2018-07-24

308, 310, 312, 314) for base calling in a base calling cycle, and uses the pixel signals from fewer sensors (306, 308, 310, 312, 314) than a number of clusters (306A, 306B; 308A, 308B; 310A, 310B; 312A, 312B; 314A, 314B) base called in the base calling cycle. Pixel signals from the fewer sensors (306, 308, 310, 312, 314) include at least one pixel signal representing light gathered from at least two clusters (306A, 306B; 308A, 308B; 310A, 310B; 312A, 312B; 314A, 314B) in the corresponding pixel area (306', 308', 310', 312', 314').



21: 2023/03510. 22: 2023/03/13. 43: 2024/10/18
 51: G06F; G06Q
 71: BECKETT, Matthews Stuart
 72: BECKETT, Matthews Stuart
54: SYSTEM AND METHOD FOR MANAGING OWNERSHIP AND DELIVERY OF ITEMS

00: -
 This invention relates to a system and method for managing ownership and delivery of an item, such as baggage of a traveller. A mobile device is configured to scan a barcode provided on a tag secured to or integrated with the item/baggage and sends a receipt request to a server. A processor, associated with the server and a database hosted on the server receives and operatively assigns the receipt request to one of a plurality of identifier codes stored on the database. After validating the request and identifier codes, the processor issues an electronic receipt in accordance with the identifier code and sends the electronic receipt to the mobile device, whilst also storing the receipt on the database.

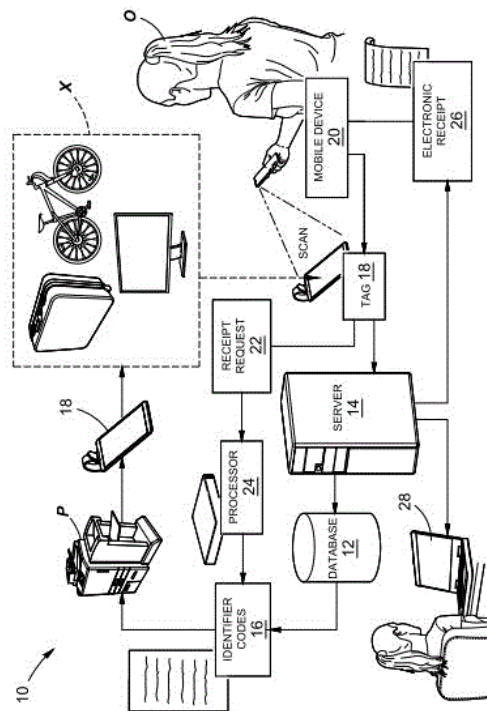
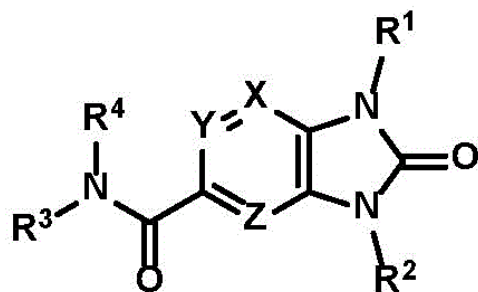


FIGURE 1

21: 2023/04148. 22: 2023/04/04. 43: 2024/08/29
 51: A61K; A61P; C07D
 71: Merck Sharp & Dohme LLC
 72: LIM, Yeon-Hee, ASHLEY, Eric R., BAO, Jianming, CHENG, Chen, ROANE, James P., SOUTHGATE, Emma Helen
 33: US 31: 63/089,068 32: 2020-10-08
54: PREPARATION OF BENZIMIDAZOLONE DERIVATIVES AS NOVEL DIACYLGLYCERIDE O-ACYLTRANSFERASE 2 INHIBITORS

00: -
 Invented are compounds of Formula I and the pharmaceutically acceptable salts, esters, and prodrugs thereof, which are DGAT2 inhibitors. Also provided are methods of making compounds of Formula I, pharmaceutical compositions comprising compounds of Formula I, and methods of using these compounds to treat hepatic steatosis, nonalcoholic steatohepatitis (NASH), fibrosis, type-2 diabetes mellitus, obesity, hyperlipidemia, hypercholesterolemia, atherosclerosis, cognitive decline, dementia, cardiorenal diseases such as chronic kidney diseases and heart failure and related diseases and conditions, comprising administering a compound of Formula I to a patient in need thereof.



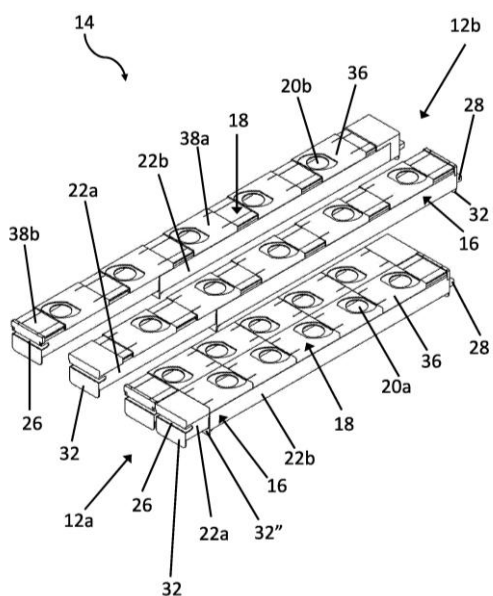
(I)

21: 2023/04337. 22: 2023/04/12. 43: 2024/09/25
 51: A01G
 71: GAIA PROJECT AUSTRALIA PTY LTD
 72: HENNAYAKA, Nadun
 33: AU 31: 2020903306 32: 2020-09-16

54: HORTICULTURAL MODULE, ASSOCIATED GULLY ASSEMBLY, AND MOVING GULLY SYSTEM FORMED THEREFROM

00: -

A gully assembly configured for use with like gully assemblies to form part of a horticultural moving gully system, the assembly comprising: (a) an elongate crop holder having spaced apart openings for receiving respective crops to be grown and harvested; and (b) a channel in which water can flow over roots of the spaced apart crops; wherein the assembly is configured to enable adjustment of a distance between the spaced apart openings such that crop density can be varied during a crop growing process.



21: 2023/04719. 22: 2023/04/24. 43: 2024/09/03
 51: A61F
 71: Ophtec B.V.

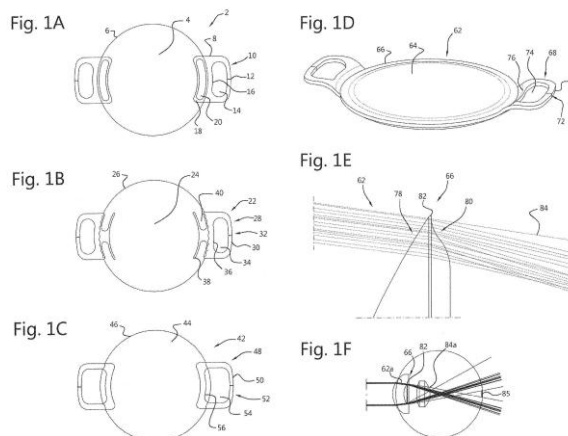
72: BIEMOLD, Peter, SIMON, Harry Franciscus, ZIJLSTRA, Tjalke Jaddai, DUSSELJEE, Jan Hendrik, SPEELMAN, Roelof

33: NL 31: 2026797 32: 2020-10-30

54: INTRAOCULAR LENS, INSERTION INSTRUMENT THEREFOR, ASSEMBLY PROVIDED THEREWITH, AND METHOD FOR MANUFACTURE

00: -

The invention relates to an intraocular lens, instrument for insertion thereof, assembly of lens and instrument, and method for manufacture of such a lens. The lens according to the invention comprises: - an optical element of a flexible optical material and provided with a substantially circular periphery; - at least one haptic element provided with a haptic form-locking element; and wherein the optical element and the at least one haptic element with the haptic form-locking element are mutually connected by connection of the haptic element to the optical material.



21: 2023/04909. 22: 2023/05/02. 43: 2024/09/23
 51: C07D; A61K

71: NIHON MEDI-PHYSICS CO., LTD.
 72: TAKEMORI, HIDEAKI, ICHIKAWA, HIROAKI, KAWATANI, MINORU, IZAWA, AKIHIRO, IMAI, TOMOYUKI

33: JP 31: 2020-177566 32: 2020-10-22

54: METHOD FOR PRODUCING RADIOACTIVE ZIRCONIUM COMPLEX

00: -

The present invention pertains to a method that is for producing a radioactive zirconium labelled complex and that can achieve a high labelling rate in a

reaction between a ligand compound and radioactive zirconium ions. The production method according to the present invention comprises a step for causing a reaction between a ligand compound and radioactive zirconium ions in a reaction solution containing water to cause coordination of the radioactive zirconium ions. Said step is performed in a state where the pH of the reaction solution is in an acidic range. The reaction solution does not contain an organic solvent but contains, apart from the ligand compound, a water-soluble organic compound that has, in the structure, one or two sulfo groups or carboxy groups.

21: 2023/05051. 22: 2023/05/08. 43: 2024/11/01
51: F16D

71: SIEMAG TECBERG GmbH

72: Sergei STÄRKLOW, Sergej AUGUST

33: LU 31: LU102951 32: 2022-05-10

54: BRAKE SYSTEM FOR USE IN SHAFT AND INCLINED CONVEYOR SYSTEMS

00: -

A brake system for use in shaft and inclined conveyor systems in mining, with several brake channels (10.1, 10.2, 10.3, 10.n) for releasing or applying brake force generators (4.1, 4.2, 4.3, 4.n) to provided braking surfaces (2), wherein a first main pressure control path (12.1, 12.2, 12.3, 12.n) and a second secondary pressure control path (14.1, 14.2, 14.3, 14.n), which is activated in the event of a fault in the main pressure control path (12.1, 12.2, 12.3, 12.n), are provided for each brake channel (10.1, 10.2, 10.3, 10.n) and wherein a plurality of, preferably safe, central processing units (CPUs) (16.1, 16.2, 16.3, 16.n) with associated signal and voltage supply are provided for redundant control of the main (12.1, 12.2, 12.3, 12.n) and secondary pressure control paths (14.1, 14.2, 14.3, 14.n) of the several brake channels (10.1, 10.2, 10.3, 10.n), wherein each, preferably safe, CPU (16.1, 16.2, 16.3, 16.n) is provided for controlling the main pressure control path (12.1, 12.2, 12.3, 12.n) of at least one brake channel (10.1, 10.2, 10.3, 10.n) associated therewith, as well as a secondary pressure control path (14.1, 14.2, 14.3, 14.n) of at least one other of the plurality of brake channels (10.1, 10.2, 10.3, 10.n).

21: 2023/05335. 22: 2023/05/16. 43: 2024/09/26
51: G01N

71: HEBEI AILV BIOENGINEERING CO., LTD.,
BEIJING AILV BIOSCIENTECH CO., LTD.

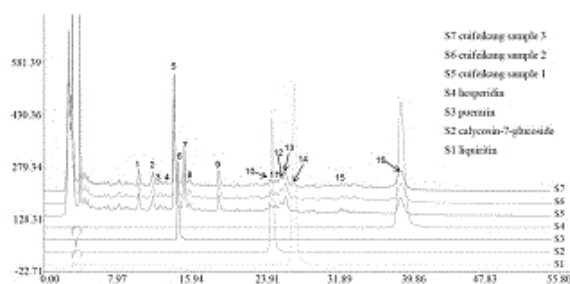
72: YAO, LANGQUN, DONG, SUJUN, WANG, WEI,
LIU, LILI

33: CN 31: 202211680032.1 32: 2022-12-27

54: FINGERPRINT OF COMPOUND FEED ADDITIVE AND CONSTRUCTION METHOD THEREOF

00: -

The present application relates to a field of detecting animal feed, specifically, discloses a fingerprint of a compound feed additive and a construction method thereof. The construction method includes: (1) preparing a reference substance solution; (2) preparing a test substance solution; (3) performing high performance liquid chromatography analysis, the chromatographic column is Agilent SB-C18, a flow rate is 0.8-1.0 ml·min⁻¹, a temperature is 28-32 °C, a sample volume is 8-10 µl, a mobile phase A is acetonitrile, a mobile phase B is a phosphoric acid solution with a volume percentage concentration of 0.2%, and a gradient elution is used; taking the reference substance solution and the test substance solution respectively, and performing chromatographic detection according to the high performance liquid chromatography conditions. The information content of the obtained fingerprint is large. By the presence or absence of the common characteristic peaks, the quality of the additive can be effectively monitored, and the stability, homogeneity and controllability of the additive can be ensured.



21: 2023/05345. 22: 2023/05/16. 43: 2024/09/12
51: A01N; B01J

71: Syngenta Crop Protection AG

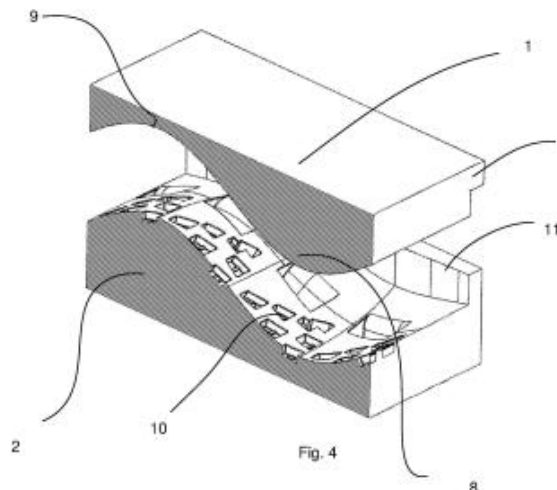
72: CHRISTIE, Annette, LINDSAY, Christopher Ian,
GELLATLY, Scott

33: EP(CH) 31: 20213913.5 32: 2020-12-14

54: PROCESS FOR PREPARING MICROCAPSULES

00: -

A process for the preparation of microcapsules comprising the steps of - preparing an oil-phase comprising a multifunctional ethylenically unsaturated monomer or oligomer wherein the water solubility of the multifunctional ethylenically unsaturated monomer or oligomer at 20°C in deionised water is less than 2 gram/litre, - forming an oil-in-water emulsion with the oil phase, - subjecting the oil-in-water emulsion to conditions suitable to initiate interfacial polymerization at the oil-water interface using a radical initiator with a water solubility at 20°C in deionised water which is at least 1 gram/litre.



21: 2023/05437. 22: 2023/05/18. 43: 2024/09/10
51: B29D

71: Retyre AS

72: AMUNDSEN, Paul Magne, HOFSET, Tarjei, MARVIK, Olaf Brage

33: NO 31: 20201223 32: 2020-11-12

54: MOULD AND METHOD FOR MOULDING DOUBLE CURVED ELEMENTS OF ELASTOMERIC MATERIAL

00: -

Mould for a longitudinal element of elastomeric material. The mould comprises a housing including at least one longitudinal inner cavity extending between at least two opposing main walls and two opposing edge walls, wherein the main walls of the cavity have elevations extending and sloping both laterally and longitudinally of the cavity, and depressions extending and sloping both laterally and longitudinally of the cavity. Further, an elevation of one wall is opposite to a depression of the other wall.

21: 2023/05477. 22: 2023/05/19. 43: 2024/09/13
51: B31F; D21J

71: PulPac AB

72: LJUNGBERG, Martin, BERGFJORD, Mathias

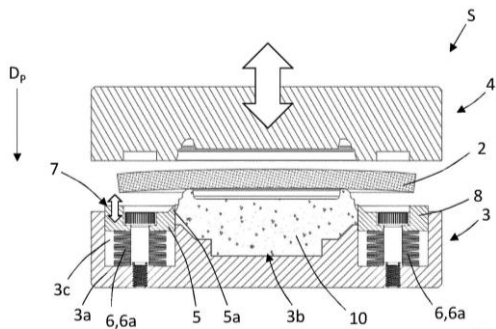
33: EP(SE) 31: 20205198.3 32: 2020-11-02

54: A METHOD FOR EDGE-FORMING CELLULOSE PRODUCTS IN A FORMING MOULD SYSTEM, AND A FORMING MOULD SYSTEM FOR FORMING EDGES OF CELLULOSE PRODUCTS

00: -

A method for edge-forming cellulose products in a forming mould system, and a forming mould system (S), where the forming mould system is adapted for forming the cellulose products from an air-formed cellulose blank structure (2). The forming mould system comprises a first mould part (3) and a second mould part (4) arranged for cooperating with each other. The first mould part comprises an edge-forming device (5) with a protruding element (5a) configured for compacting and separating fibres of the cellulose blank structure. The edge-forming device is movably arranged in relation to a base structure (3a) of the first mould part, and the edge-forming device is adapted for interacting with a pressure member (6) arranged in the base structure. The method comprises the steps: providing the air-formed cellulose blank structure, and arranging the cellulose blank structure between the first mould part and the second mould part; forming a compacted edge structure of the cellulose products by separating fibres of the cellulose blank structure with the protruding element, applying an edge-forming temperature onto the cellulose blank structure, and compacting the cellulose blank structure by applying

an edge-forming pressure by means of the pressure member onto the cellulose blank structure between the protruding element and the second mould part.



21: 2023/05516. 22: 2023/05/22. 43: 2024/08/28
51: E02F; E21B; E21D

71: Sandvik Mining and Construction G.m.b.H.
72: OFFENBACHER, Michael, POGATSCHNIGG, Reinhold, GIMPEL, Martin

33: EP(AT) 31: 21154175.0 32: 2021-01-29

54: MINING MACHINE AND METHOD FOR CONTROLLING MOVEMENT OF A MOVABLE ELEMENT OF A MINING MACHINE

00: -

A method (1000) for controlling movement of a movable element of a mining machine is provided. The method comprises providing (1010) a relation between control values for a hydraulic valve arranged to affect a movement of the movable element and a parameter representative of the (resulting) movement of the movable element. The method further comprises receiving (1020) an input representative of a desired movement of the movable element. The method further comprises obtaining (1030) a control value for the hydraulic valve based on the relation and using a parameter value corresponding to the desired movement and operating (1040) the hydraulic valve with a control signal using the obtained control value. The method further comprises obtaining (1050), from a feedback mechanism, a feedback relative to the movement of the movable element resulting from operating the hydraulic valve with the control signal, determining (1060) a correction value based on said desired movement and the feedback, and updating (1090) at least a part of the relation based on the correction value.

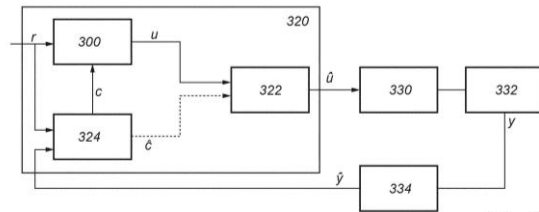


Fig. 4

21: 2023/05577. 22: 2023/05/23. 43: 2024/08/12

51: B22F; F02K; G06F; B33Y

71: AGNIKUL COSMOS PRIVATE LIMITED

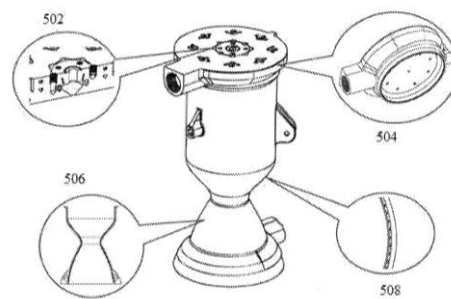
72: SHAH KHADRI, Syed Peer Mohamed, RAVICHANDRAN, Srinath

33: IN 31: 202041046382 32: 2020-10-23

54: DESIGN AND MANUFACTURING OF A SINGLE PIECE ROCKET ENGINE

00: -

Disclosed herein is a single piece, integrated, light weighted, cost-effective 3D printed engine for space vehicles. FIG. 5 illustrates an integrated engine that comprises a combustion chamber to burn the fuel, an injector plate (504) to inject the fuel to the combustion chamber, an igniter (502) to ignite the fuel mixture, a nozzle (506) to pass hot gas to produce thrust and cooling channels (508) for regenerative cooling, where all these components are fused to form a single piece integrated engine. The engine of the present invention eliminates the need of assembling the individual components. Further, the engine is additively manufactured with high grade aerospace materials.



21: 2023/05602. 22: 2023/05/24. 43: 2024/08/30

51: A01H; C12N

71: Enza Zaden Beheer B.V.

72: TER RIET, Bas, PEL, Mathieu André, ZEILMAKER, Tieme, NADAL BIGAS, Judit

33: PCT/EP(NL) 31: 2020/087264 32: 2020-12-18

54: LETTUCE PLANT RESISTANT TO DOWNY MILDEW AND RESISTANCE GENE

00: -

The present invention relates to a lettuce plant that is resistant to downy mildew, more specifically to a lettuce plant that comprises a mutated gene that confers broad spectrum resistance to oomycetes in lettuce, more specifically *B. lactucaea*. Furthermore, the present invention relates to a resistance gene and a method for obtaining a lettuce plant that is resistant to downy mildew, wherein the method comprises the step of mutating a gene.

21: 2023/05662. 22: 2023/05/25. 43: 2024/09/10
 51: H04B; H04Q
 71: Huawei Technologies Co., Ltd.
 72: JIANG, Hengyun, JIN, Chao, WU, Bo, DENG, Ning
 33: CN 31: 202011358792.1 32: 2020-11-27
54: OPTICAL DISTRIBUTION NETWORK, OPTICAL NETWORK SYSTEM, SPLITTER, AND METHOD FOR IDENTIFYING PORT OF SPLITTER

00: -

An optical distribution network, an optical network system, an optical splitter, and a port identification method for an optical splitter, for use in solving the problem in the prior art that existing optical network terminals cannot be compatible when ports of an optical splitter are identified. The optical distribution network comprises an optical splitter, first optical filters, and first power change assemblies; the optical splitter comprises at least two output ports, each output port corresponding to at least one of the first optical filters, and different output ports corresponding to different first optical filters; central wavelengths of detection light allowed or prohibited to pass through different first optical filters are different; and each output port of each optical splitter of an Nth-stage optical splitter corresponds to one first power change assembly, the first power change assembly being used for changing the power of first service light according to the received first detection light. Thus, the port of the optical splitter to which the optical network terminal is connected can be determined according to first power of the first service light, second power of the first service light of which the power is changed, and the central wavelength of the corresponding detection light.

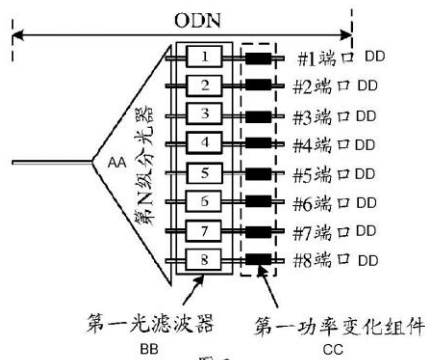


图 3

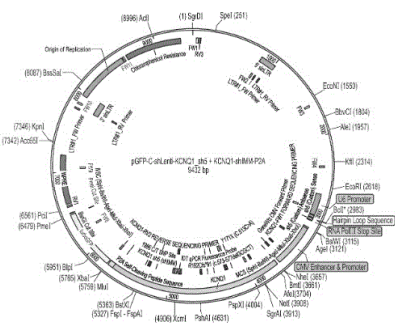
AA Nth-stage optical splitter
 BB First optical filter
 CC First power change assembly
 DD Port

21: 2023/05690. 22: 2023/05/26. 43: 2024/08/30
 51: A61K; C07H; A61P
 71: MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH
 72: ACKERMAN, Michael J, DOTZLER, Steven M, GENDRON, William, BAINS, Sahej, KIM, Chang Sung, TESTER, David J
 33: US 31: 63/132,316 32: 2020-12-30
 33: US 31: 63/179,083 32: 2021-04-23
 33: US 31: 63/208,556 32: 2021-06-09
 33: US 31: 63/270,388 32: 2021-10-21

54: SUPPRESSION-REPLACEMENT GENE THERAPY

00: -

Methods and materials for treating a mammal having a congenital disease (e.g., a congenital heart disease such as congenital long QT syndrome) are provided herein. For example, this document provides methods and materials for generating and using nucleic acids to treat a mammal having a congenital disease, where the nucleic acids can suppress expression of mutant disease-related alleles in the mammal while providing a replacement cDNA that does not contain the disease-related mutation(s).



21: 2023/05701. 22: 2023/05/26. 43: 2024/08/28
 51: G01N

71: FOSS Analytical A/S

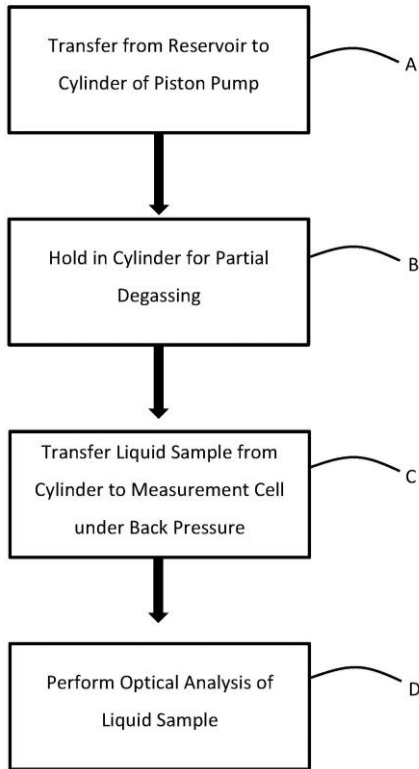
72: ANDERSEN, Hans Villemoes, JUHL, Henrik Vilstrup

33: DK 31: PA202001232 32: 2020-11-02

54: METHOD OF AND ANALYSER FOR THE OPTICAL ANALYSIS OF A LIQUID CONTAINING A DISSOLVED GAS

00: -

A method of performing an optical analysis of a liquid containing dissolved gas comprising the steps of A: transferring an amount of the liquid from a reservoir into a piston pump; B: holding the transferred amount at or close to ambient to permit partial degassing; C: transferring a liquid sample from the pump and into a measurement cell under a pressure greater than ambient; and D: performing an optical analysis of the pressurised, partially degassed liquid sample.



21: 2023/05704. 22: 2023/05/26. 43: 2024/08/28
 51: A61K; A61P

71: Intervet International B.V.

72: KOIJMAN, Sietske, SEGERS, Ruud Philip Antoon Maria, WITVLIET, Maarten Hendrik

33: EP(NL) 31: 20216323.4 32: 2020-12-22

54: CONJUGATED FUMONISIN TO PROTECT AGAINST MYCOTOXICOSIS

00: -

The present invention pertains to the use of conjugated fumonisin (FUM) in a method to protect an animal against FUM induced mycotoxicosis, in particular to protect against a decrease in average daily weight gain, intestinal damage, liver damage and kidney damage as a result of the ingestion of FUM.

21: 2023/05759. 22: 2023/05/29. 43: 2024/08/30
 51: A61K; A61P

71: Intervet International B.V.

72: WITVLIET, Maarten Hendrik, SEGERS, Ruud Philip Antoon Maria, WALCZAK, Mateusz

33: EP(NL) 31: 20216357.2 32: 2020-12-22

54: CONJUGATED AFLATOXIN B TO PROTECT AGAINST MYCOTOXICOSIS

00: -

The present invention pertains to the use of conjugated aflatoxin (AFB) in a method to protect an animal against AFB induced mycotoxicosis, in particular to protect against a decrease in average daily weight gain, immune suppression, icterus, hemorrhagic enteritis as a result of the ingestion of AFB.

21: 2023/06002. 22: 2023/06/06. 43: 2024/08/29

51: B01J; F16L; H05B

71: LINDE GMBH, BASF SE

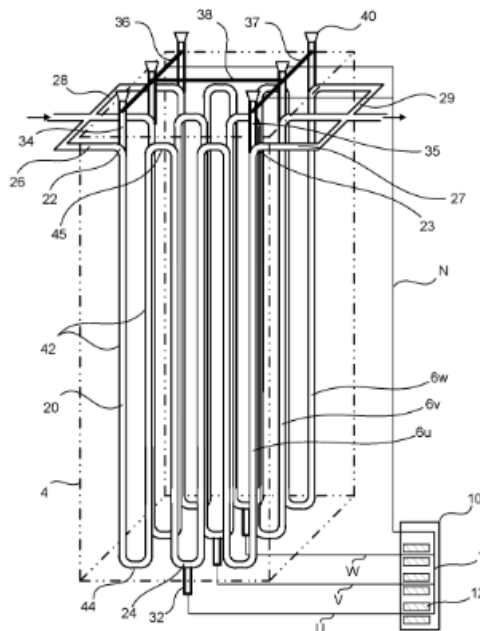
72: HOFSTÄTTER, Martin, DELHOMME-NEUDECKER, Clara, POSSELT, Heinz, ZELLHUBER, Mathieu

33: EP 31: 20206147.9 32: 2020-11-06

54: REACTOR FOR CARRYING OUT A CHEMICAL REACTION

00: -

The invention relates to a reactor comprising a reactor wall; at least one group of M reaction tubes, each of which has an electrically heatable heating section that extends between a first and a second removal region for a respective heating length, each heating section having a respective feed region in a region which extends over 20% to 80% of the heating length of heating section; electrically conductive feed elements, wherein each group M is paired with the feed elements connected to the feed regions of the group, and different phases of the alternating current can be fed to different feed elements paired with a group; electrically conductive first and second removal elements, each group being paired with M first and M second removal elements connected to the first or second removal regions of the group; and at least one first and at least one second star bridge.



21: 2023/06004. 22: 2023/06/06. 43: 2024/08/28

51: A01N; A01P

71: PARIJAT INDUSTRIES (INDIA) PRIVATE LIMITED

72: ANAND, Shivraj, ANAND, Uday, DHIMAN, Sarvind

33: IN 31: 202111006475 32: 2021-02-16

54: SYNERGISTIC HERBICIDAL COMPOSITIONS OF METAMIFOP

00: -

The present invention provides a synergistic herbicidal composition for controlling undesired vegetation including broad leaf weeds and grasses comprising metamifop, imazethapyr and/or imazamox salts and/or combination thereof.

21: 2023/06118. 22: 2023/06/09. 43: 2024/08/27

51: E03B; G01F

71: VAN SCHALKWYK, Johannes Cornelius

72: VAN SCHALKWYK, Johannes Cornelius, VAN SCHALKWYK, Dirk Frederik

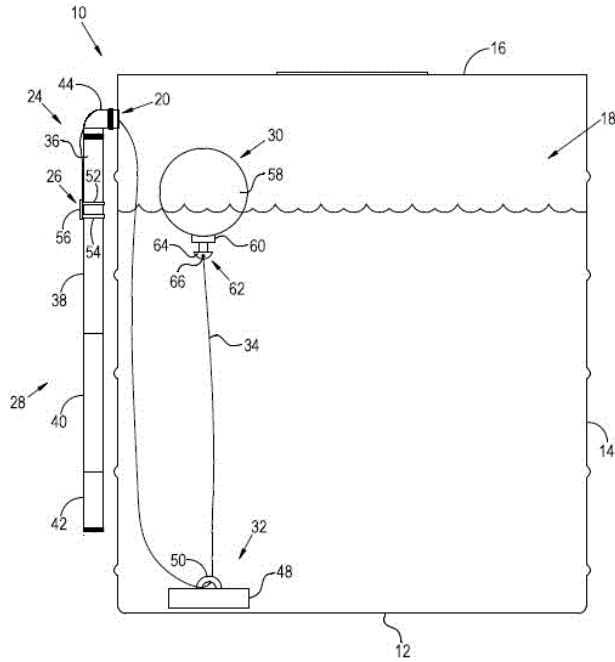
33: ZA 31: 2022/07178 32: 2022-06-29

54: TANK LEVEL INDICATOR

00: -

The invention provides a level indicator for indicating the level of liquid in a tank. The level indicator includes a vertically displaceable indicator which is positioned outside the tank, a float which is positioned inside the tank, and an elongate flexible element whereby the indicator and the float are

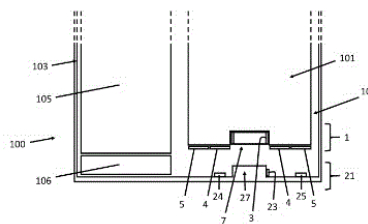
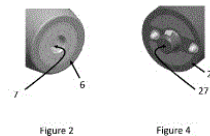
connected together such that changes in the vertical position of the indicator correspond to changes in the vertical position of the float. The invention further extends to a method of indicating the level of liquid in a tank and to a level indicator kit.



21: 2023/06127. 22: 2023/06/09. 43: 2024/11/13
 51: A24F; H01R; H02J
 71: PHILIP MORRIS PRODUCTS S.A.
 72: AW, Sze Chiek, CHAN, Teck Yan, EOW, Yeong Taur, RUSCIO, Dani
 33: EP 31: 20207598.2 32: 2020-11-13
54: AEROSOL-GENERATING SYSTEM WITH IMPROVED ELECTRICAL CONNECTOR
 00: -

An electrically operated aerosol-generating system (100), an electrically operated aerosol-generating device (101), a charging unit (103) for an electrically operated aerosol-generating system (100), and an electrical connector for an aerosol-generating system (100). The electrically operated aerosol-generating system (100) comprises an aerosol-generating device (101), a charging unit (103) configured to receive the aerosol-generating device (101) and a first connector part (1) and a second connector part (21). The aerosol-generating device (101) has one of the first connector part (1) and the second connector part (21), and the charging unit (103) has the other one of the first connector part (1) and the second connector part (21). The first

connector part (1) comprises: a first electrical contact (3); a second electrical contact (4) substantially circumscribing the first electrical contact (3); and a third electrical contact (5) substantially circumscribing the second electrical contact (4). The second connector part (21) comprises: a face (26) and a projection (27) arranged substantially centrally in the face (6); a first electrical contact (23) arranged on the projection (27); a second electrical contact (24) arranged at the face (26), spaced radially outwardly from the first electrical contact (23); and a third electrical contact (25) arranged at the face (26), spaced radially outwardly from the second electrical contact (23). The first and second connector parts (1, 21) are arranged such that when the aerosol-generating device (101) is received by the charging unit (103) the first and second connector parts (1, 21) electrically engage. The electrical contacts of the first and second connector parts (1, 21) are arranged such that when the first and second connector parts electrically engage: the first electrical contact (3) of the first connector part (1) electrically engages the first electrical contact (23) of the second connector part (21); the second electrical contact (4) of the first connector part (1) electrically engages one of the second electrical contact (24) and the third electrical contact (25) of the second connector part (21); and the third electrical contact (5) of the first connector part (1) electrically engages the other one of the second electrical contact (24) and the third electrical contact (25) of the second connector part (21), regardless of the angular position of the second connector part (21) relative to the first connector part (1).



21: 2023/06144. 22: 2023/06/09. 43: 2024/08/27
 51: A61K

71: Zambon S.p.A.

72: ZANELLOTTI, Laura, MAGGI, Loretta, FAIELLA, Gianluigi, MAGI, Nadia, NICOSIA, Valentina, CASTEGINI, Franco, CAPONETTI, Giovanni

33: IT 31: 102020000030443 32: 2020-12-10

54: INHALABLE POWDER COMPRISING VORICONAZOLE IN CRYSTALLINE FORM

00: -

The present invention relates to a dry powder composition for inhalation use obtained by spray drying, comprising voriconazole, or a pharmaceutically active salt thereof, in substantially crystalline form, in an amount greater than 50% by weight with respect to the total amount of the powder. Said powder has a respirable fraction (FPF) greater than 50%, an X90 lower than 6 µm and an MMAD lower than 5 µm.

21: 2023/06153. 22: 2023/06/09. 43: 2024/08/27

51: A61K

71: Zambon S.p.A.

72: ZANELLOTTI, Laura, MAGGI, Loretta, FAIELLA, Gianluigi, MAGI, Nadia, NICOSIA, Valentina, CASTEGINI, Franco, CAPONETTI, Giovanni

33: IT 31: 102020000030437 32: 2020-12-10

54: METHOD FOR MANUFACTURING AN INHALABLE POWDER COMPRISING VORICONAZOLE

00: -

The present invention relates to a method for manufacturing an inhalable powder comprising leucine and voriconazole or a pharmaceutically active salt thereof, in substantially crystalline form, in an amount greater than 50% by weight with respect to the total weight of the powder. The method comprises a first step consisting of providing a solution of voriconazole or pharmaceutically active salt thereof and leucine in a suitable vehicle, a second step consisting in drying said powder using the spray drying technique at an outlet temperature from 40 and 75°C and at a feed rate greater than 10 g/minute and finally collecting the powder obtained.

21: 2023/06172. 22: 2023/06/12. 43: 2024/08/28

51: A61K; A61P; C07D

71: Biogen MA Inc.

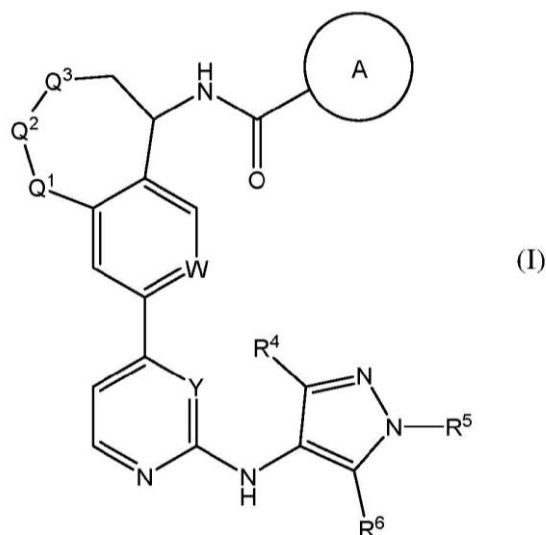
72: HOPKINS, Brian T., MA, Bin, PRINCE, Robin, MARX, Isaac, LYSSIKATOS, Joseph P., ZHENG, Fengmei, PETERSON, Matthew, PATIENCE, Daniel B.

33: US 31: 62/485,745 32: 2017-04-14

54: BENZOAZEPINE ANALOGS AS INHIBITING AGENTS FOR BRUTON'S TYROSINE KINASE

00: -

Provided are compounds of Formula (I), or pharmaceutically acceptable salts thereof, and methods for their production and compounds of formula (I) for use in treating a disease responsive to the inhibition of Bruton's tyrosine.



21: 2023/06237. 22: 2023/06/14. 43: 2024/08/29

51: A61K

71: Krystal Biotech, Inc.

72: KRISHNAN, Suma, PARRY, Trevor, AGARWAL, Pooja

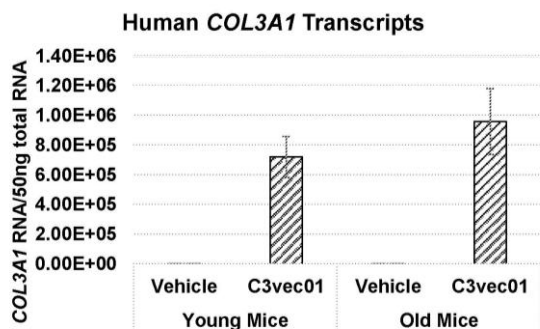
33: US 31: 62/663,476 32: 2018-04-27

54: RECOMBINANT NUCLEIC ACIDS ENCODING COSMETIC PROTEIN(S) FOR AESTHETIC APPLICATIONS

00: -

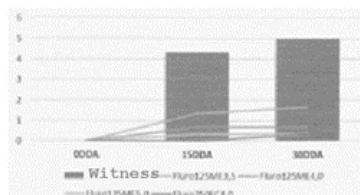
The present disclosure provides recombinant nucleic acids comprising one or more polynucleotides encoding one or more cosmetic proteins (e.g., one or more human collagen proteins); viruses comprising the recombinant nucleic acids; compositions (e.g., cosmetic formulations) comprising the recombinant nucleic acids and/or viruses; methods of their use; and articles of manufacture or kits thereof.

FIG. 23B



Var 5. Results for emergencies of *Gomphrena pulchella*, number of seedlings/m² post-treatment (absolute average values of three repetitions, 15 DAA and 30 DAA)

Gomphrena pulchella
Control evolution according to treatments
(seedlings/m²)



21: 2023/06243. 22: 2023/06/14. 43: 2024/10/24

51: A01N; A01P

71: SURCOS IMPACT

72: GALÁN ROMANO, Félix Silvestre

33: AR 31: P20200103543 32: 2020-12-18

54: COMPOSITION OF FLUROCLORIDONE IN MICROEMULSION FORM

00: -

The invention relates to a flurochloridone composition in the form of a microemulsion comprising from 5 to 20% weight by volume (w/v) of flurochloridone, a solvent or a mixture of polar or non-polar, soluble or insoluble solvents in water, comprising from 35 to 45% w/v, a polar cosolvent or mixture of polar cosolvents comprising from 8 to 13% w/v, a mixture of non-ionic surfactants comprising from 6% to 12% w/v, an anionic surfactant comprising from 9.5% to 10% w/v, a co-adjuvant comprising from 2% to 15.0% w/v, water from 2.0% to 28.0% w/v and a defoamer comprising from 0.05% w/v to 0.5% w/v.

21: 2023/06249. 22: 2023/06/14. 43: 2024/08/29

51: A61K

71: INSTITUTO FINLAY DE VACUNAS, CENTRO DE INMUNOLOGÍA MOLECULAR

72: VEREZ BENCOMO, Vicente Guillermo, VALDÉS BALBÍN, Yury, GARCÍA RIVERA, Dagmar, OCHOA AZZE, Rolando, CLIMENT RUIZ, Yanet, GONZÁLEZ RODRÍGUEZ, Humberto, OROSA VAZQUEZ, Ivette, DÍAZ HERNÁNDEZ, Mariannis, SÁNCHEZ RAMÍREZ, Belinda, OJITO MAGAZ, Eduardo, LEÓN MONZÓN, Kalet, MACIAS ABRAHAM, Consuelo, Milagro, CHANG MONTEAGUDO, Arturo, PORTO GONZÁLEZ, Delia, Esther, DUBED ECHEVERRÍA, Marta, RODRÍGUEZ ACOSTA, Mireida

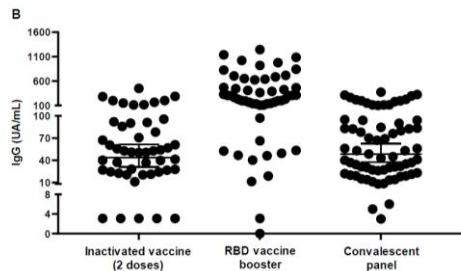
33: CU 31: 2020-0101 32: 2020-12-16

54: USE OF VACCINE COMPOSITIONS BASED ON SARS-COV-2 RECEPTOR BINDING DOMAIN IN DELIVERING PROTECTIVE IMMUNITY

00: -

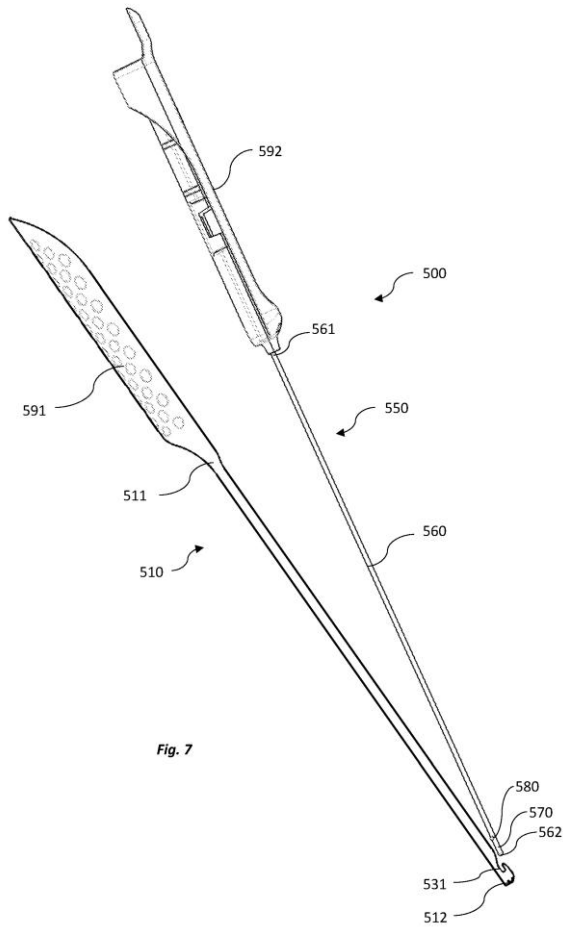
The invention relates to the field of biotechnology and medicine. It describes the use of vaccine compositions based on the receptor binding domain of SARS-CoV-2 virus in the treatment of patients recovered from COVID-19 and in subjects vaccinated with vaccine platforms other than subunit vaccines, who fail to develop effective protective immunity or where immunity has decreased over time and a booster with the same vaccine used in primary vaccination is not recommended. Particularly, this use is described for vaccine compositions comprising a covalent conjugate of the receptor binding domain (RBD) and a carrier protein such as tetanus toxoid, diphtheria toxoid and

diphtheria toxoid mutant CRM197, and vaccine compositions having the RBD as antigen, with or without the immunopotentiator outer membrane vesicles of serogroup B Neisseria meningitidis.



21: 2023/06370. 22: 2023/06/19. 43: 2024/10/07
 51: A61B; A61M; A61N
 71: NEW MEDTEK DEVICES PTY LTD
 72: LUBOWSKI, David Zachary, VAN DER PLAS, Joseph Ignatius Maria
 33: AU 31: 2020904358 32: 2020-11-25
54: RECTAL ANAESTHESIA DELIVERY DEVICE AND METHOD
 00: -

A nerve stimulating trocar assembly (500) for insertion into tissue of a patient is disclosed, the nerve stimulating trocar assembly including an elongate trocar body (510) and a nerve stimulator (550). The trocar body (510) extends from a proximal end (511) to a distal end (512) and has an elongate open channel (520), which extends along a length of the trocar body (510). The nerve stimulator (550) has a shaft (560) extending from a proximal end (561) to a distal end (562), and at least one electrode (570) at or adjacent to the distal end (562) of the shaft (560). The open channel (520) of the trocar body (510) is configured to receive both a catheter tube and the shaft (560) of the nerve stimulator (550) such that the catheter is releasably secured between the trocar body (510) and the nerve stimulator (550) in an assembled configuration. Also disclosed are trocar assemblies and a method for positioning a catheter in a target tissue site.



21: 2023/06381. 22: 2023/06/20. 43: 2024/08/29
 51: C07D
 71: Acerta Pharma B.V.
 72: BETHEL, Paul Allen, CHAN, Lai Chun, COOPER, Katie Grace, COX, Robert John, GOLDEN, Michael David, HUGHES, Shaun Alan, JACKSON, Lucinda Victoria, MILLARD, Kirsty Jane, PHILLIPS, Andrew John, TELFORD, Alexander James, EVARTS, Jerry, LAWLER, Michael Joseph, LITJENS, Remy E. J. N., VAN EIJK, Peter Johannes Servaas Savio, VERSTAPPEN, Mathilda Maria Henrica, VOS, Frank L. M., ZIJP, Eric Jurriën, JUNYING, Qiu, WANG, Angang, GARREY, Rustam Ferdinand, SHORT, David Allen
 33: US 31: 62/724,228 32: 2018-08-29
54: PROCESSES FOR THE PREPARATION OF 4-{8-AMINO-3-[(2S)-1-(BUT-2-YNOYL)-PYRROLIDIN-2-YL]IMIDAZO[1,5-A]PYRAZIN-1-YL}N-(PYRIDIN-2-YL)-BENZAMIDE
 00: -

The present disclosure relates, in general, to improved processes for the preparation of 4-{8-amino-3-[(2S)-1-(but-2-ynoyl)pyrrolidin-2-

yl]imidazo[1,5-a]pyrazin-1-yl)-N-(pyridin-2-yl)-benzamide, particularly large-scale processes for manufacturing 4-{8-amino-3-[(2S)-1-(but-2-ynoyl)pyrrolidin-2-yl]imidazo[1,5-a]pyrazin-1-yl)-N-(pyridin-2-yl)benzamide and intermediates used in such processes.

21: 2023/06467. 22: 2023/06/22. 43: 2024/08/29
51: E02F

71: ESCO Group LLC

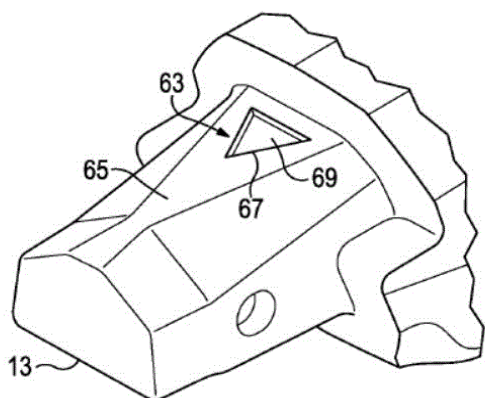
72: BEWLEY, Eric L., COWGILL, Noah, BLOMBERG, Joseph E.

33: US 31: 61/908,458 32: 2013-11-25

54: WEAR PART MONITORING

00: -

A process and tool for monitoring the status, health, and performance of wear parts used on earth working equipment. The process and tool allow the operator to optimize the performance of the earth working equipment. The tool has a clear line of site to the wear parts during use and may be integrated with a bucket or blade on the earth working equipment.



21: 2023/06485. 22: 2023/06/22. 43: 2024/08/27
51: A61K; A61P; C07K

71: Centro de Ingeniería Genética y Biotecnología
72: FERNÁNDEZ ORTEGA, Celia Berta, RAMÍREZ SUÁREZ, Anna Caridys, CASILLAS CASANOVA, Dionne, DUARTE CANO, Carlos Antonio, UBIETA GÓMEZ, Raimundo, GUILLEN NIETO, Gerardo Enrique, CABRALES RICO, Ania, ÁLVAREZ PÉREZ, Karen, PERERA GONZÁLEZ, Carmen Laura, FALCON CAMA, Viviana, PEREA RODRÍGUEZ, Silvio Ernesto, RODRIGUEZ MOLTO, María Pilar, GARAY PÉREZ, Hilda Elisa
33: CU 31: 2020-0110 32: 2020-12-23

54: PEPTIDES FOR THE TREATMENT OF RESPIRATORY INFECTIONS OF VIRAL ORIGIN

00: -

Peptides that have an amino acid sequence selected from the group consisting of SEQ ID NO: 2 to SEQ ID NO: 20, as well as pharmaceutical compositions comprising said peptides. Pharmaceutical composition for the treatment or prevention of infections caused by viruses that infect epithelial cells of the mammalian respiratory system, comprising a peptide that has an amino acid sequence identified as SEQ ID NO: 1. The invention includes the use of peptides that have an amino acid sequence identified as SEQ ID NO: 1 to SEQ ID NO: 20 for the manufacture of a medicament for the treatment or prevention of infections caused by viruses that infect epithelial cells of the mammalian respiratory system. Also disclosed is a combination of at least one peptide of amino acid sequence identified as SEQ ID NO: 1 to SEQ ID NO: 20 with an antiviral medication.

21: 2023/06503. 22: 2023/06/23. 43: 2024/08/29
51: A61K; A61P; C12N

71: Memorial Sloan-Kettering Cancer Center

72: FEDOROV, Victor D., SADELAIN, Michel

33: US 31: 61/802,118 32: 2013-03-15

54: COMPOSITIONS AND METHODS FOR IMMUNOTHERAPY

00: -

The present invention provides immunoresponsive cells, including T cells, cytotoxic T cells, regulatory T cells, and Natural Killer (NK) cells, expressing an antigen recognizing receptor and an inhibitory chimeric antigen receptor (iCAR). Methods of using the immunoresponsive cell include those for the treatment of neoplasia and other pathologies where an increase in an antigen-specific immune response is desired.

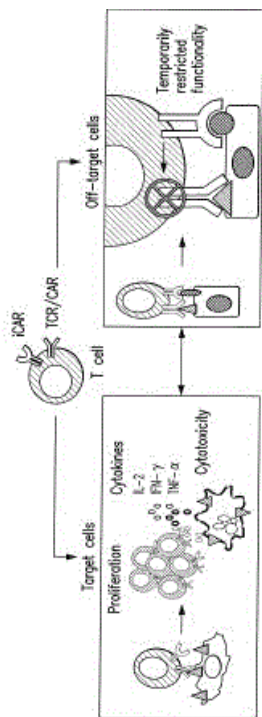
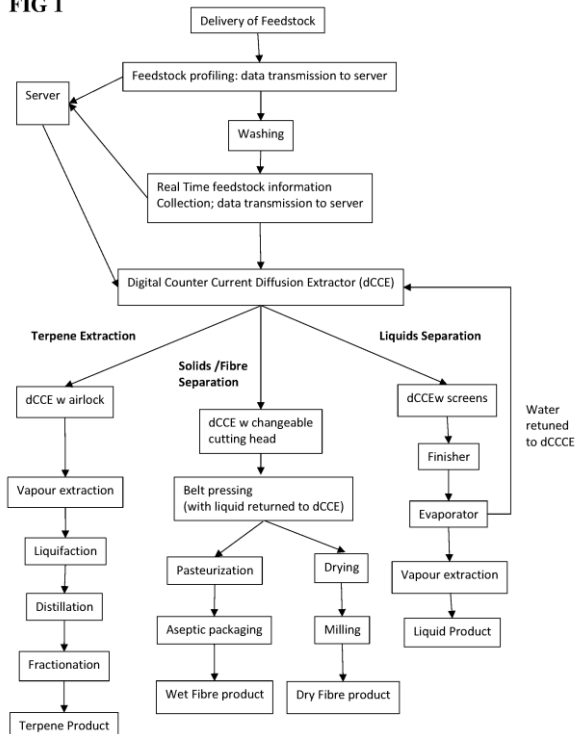


FIG. 1A

FIG 1



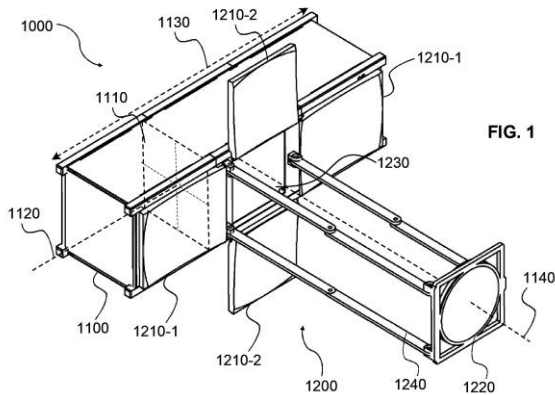
21: 2023/06512. 22: 2023/06/23. 43: 2024/11/11
 51: A23L; A23N; B01D; B02B; G05B
 71: DEFUGO TECHNOLOGIES PTE LTD
 72: COLEMAN, David
 33: AU 31: 2020904315 32: 2020-11-23
 33: AU 31: 2020904477 32: 2020-12-03
 33: AU 31: 2021221469 32: 2021-08-24
54: FEEDSTOCK PROCESSING METHOD AND SYSTEM

00: -
 The invention relates to a process, method and devices for recovery of products from a feedstock such as an organic, non-organic or biodynamic feedstock. The products include consumables such as high nutrition foods, nutraceuticals and bioactive compounds and/or non-consumables such as energy and synfuels. The invention typically includes real-time process optimisation. The devices include a counter current diffusion extractor and a decorticator for deriving useful products from a feedstock, optionally for consumption in further processing.

21: 2023/06513. 22: 2023/06/23. 43: 2024/09/19
 51: B64G; G02B
 71: WYNVERN INCORPORATED
 72: BRODA, Kurtis, COTE, Kristen, SAUER, Vincent, LISSINNA, Callie, ROBSON, Christopher
 33: US 31: 63/118,696 32: 2020-11-26
54: SATELLITE WITH DEPLOYABLE OPTICAL ASSEMBLY

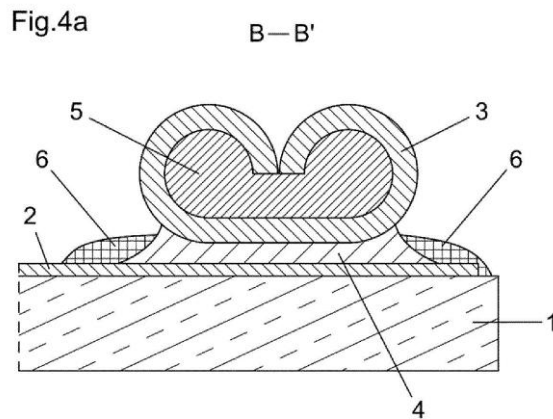
00: -
 A satellite with deployable optics is provided. The satellite has a frame, an optical axis, and a deployable optical system. The optical system has a mechanical aperture perpendicular to the optical axis, where light collected travels substantially parallel to the optical axis. The optical system has a stored configuration in which it remains within the frame and a deployed configuration in which it extends outside the frame. In some configurations, the light-collecting area of the deployed configuration is larger than the possible light-collecting area of the stored configuration. In a partially deployed configuration, all of the primary mirror segments remain substantially within the frame, and the light-collecting area is smaller than that in the deployed configuration. A method of using the satellite includes setting the satellite to the deployed

configuration, detecting whether there is a deployment malfunction, and, if so, setting the satellite to a partially deployed configuration.



21: 2023/06522. 22: 2023/06/23. 43: 2024/08/27
 51: H01R; H05B
 71: Saint-Gobain Glass France
 72: HELWER, Katja, REUL, Bernhard, RATEICZAK, Mitja
 33: EP(FR) 31: 21150437.8 32: 2021-01-06
54: PANE WITH ELECTRIC CONNECTION ELEMENT

00: -
 The invention relates to a pane with at least one electric connection element (3), comprising: a flat substrate (1); an electrically conductive coating (2) on the flat substrate (1); an electric connection element (3) on the electrically conductive coating (2), said connection element having a region which is crimped about a connection cable, wherein the crimped region is connected to the electrically conductive coating (2) in an electrically conductive manner via a soldering material (4); and a corrosion-reducing coating (6) which is applied adjacently to the soldering material (4), onto the electrically conductive coating (2), and at least partly onto the soldering material (4), wherein the corrosion-reducing coating (6) consists of an electrically insulating material which protects against moisture, and the corrosion-reducing coating (6) (i) only partly covers the soldering material (4) and does not cover the crimped region of the connection element (3) or (ii) completely covers the soldering material (4) and only partly covers the crimped region of the connection element (3).



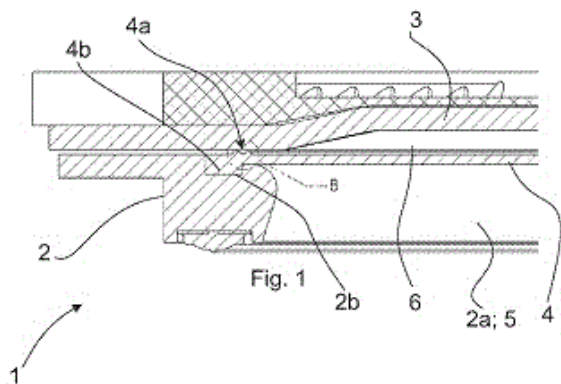
21: 2023/06555. 22: 2023/06/26. 43: 2024/08/29
 51: A01C; A01G; A01H
 71: Valent BioSciences LLC
 72: REDDY, Srirama Krishna, FALCO, Kimberly Ann, SILVERMAN, Franklin Paul, SURPIN, Marci Ann, WILSON, Dale O., WOOLARD, Derek D.
 33: US 31: 62/561,292 32: 2017-09-21

54: METHODS OF IMPROVING STRESS TOLERANCE, GROWTH AND YIELD IN PLANTS
 00: -
 The present invention is directed to methods of improving drought stress tolerance in plants by applying an effective amount of a mixture of abscisic acid and malic acid to the plant. The present invention is further directed to methods of growth in plants by applying an effective amount of a mixture of abscisic acid and malic acid to the plant.

21: 2023/06563. 22: 2023/06/26. 43: 2024/09/10
 51: B01D
 71: METSO FINLAND OY
 72: MUSTAKANGAS, MIRVA, KAIPAINEN, JANNE, JUVONEN, ISMO, ELORANTA, TEEMU
 33: EP 31: 21154955.5 32: 2021-02-03
54: A FILTER PLATE ASSEMBLY FOR A FILTER PRESS, AND SUCH A FILTER PRESS

00: -
 A filter plate assembly (1) for a filter press, comprising a filter frame (2) and a filter plate (3) supported on the filter frame. A diaphragm (4) is provided between the filter frame (2) and the filter plate (3), the diaphragm further comprising, on a side facing the filter frame, a seal bead (4a) for sealing the diaphragm (4) against the filter plate (3). The seal bead (4a) comprises a first seal lip (7) and a second seal lip (8), the former being elevated from

the later. The filter frame has a limited vertical travel with respect to the filter plate (3), such that, in a lowermost position, only the first seal lip (7) is in contact with the filter plate (3), and in an uppermost position, both the first seal lip (7) and the second seal lip (8) are in contact with the filter plate (3).



21: 2023/06571. 22: 2023/06/26. 43: 2024/08/27
51: A61K; C07K

71: Cullinan Amber Corp.

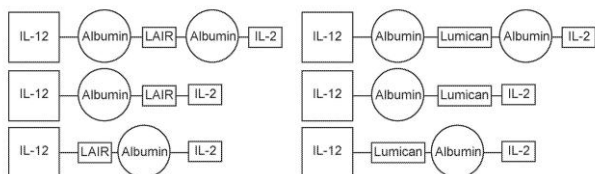
72: MEHTA, Naveen, MICHAELSON, Jennifer, BAEUERLE, Patrick, LI, Bochong, WITTRUP, K. Dane

33: US 31: 63/127,995 32: 2020-12-18

54: BI-FUNCTIONAL LINEAR FUSION COLLAGEN-LOCALIZED IMMUNOMODULATORY MOLECULES AND METHODS THEREOF

00: -

Disclosed herein are immunomodulatory fusion proteins comprising an IL-2; an IL-12, a collagen-binding domain, and a linear polypeptide spacer, methods of making and using the same. The immunomodulatory fusion proteins disclosed herein are useful for the treatment of cancer.



21: 2023/06641. 22: 2023/06/28. 43: 2024/08/29
51: A61K; C07K

71: Five Prime Therapeutics, Inc., Bristol-Myers Squibb Company

72: SCHEBYE, Xiao Min, CHEN, Diana Yuhui, RANKIN, Andrew, DENG, Xiaodi, TOTH, Joseph, LIANG, Linda, HAN, Michelle Minhua, BEE,

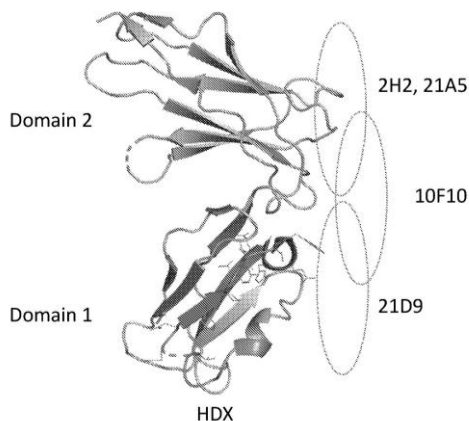
Christine, TRUONG, Hong-An, SELBY, Mark J., KORMAN, Alan J., LONBERG, Nils, CHEN, Guodong, HUANG, Richard Y., DEYANOVA, Ekaterina G.

33: US 31: 62/695,600 32: 2018-07-09

54: ANTIBODIES BINDING TO ILT4

00: -

The present application relates to antibodies specifically binding to immunoglobulin-like transcript 4 (ILT4), which is also known as LILRB2, LIR2, MIR10, and CD85d, and corresponding nucleic acids, host cells, compositions, and uses. In some embodiments, the antibodies bind specifically to human ILT4, but do not significantly bind to ILT2, ILT3, or ILT5, or to other members of the LILRA or LILRB families.



21: 2023/06762. 22: 2023/06/30. 43: 2024/08/27
51: C09J

71: Beijing University of Chemical Technology

72: YANG, Wantai, CHEN, Chuxuan, ZHAO, Changwen, XU, Can, CHEN, Dong, MA, Yuhong

33: CN 31: 202011390257.4 32: 2020-12-02

54: ADHESIVE COMPRISING COPOLYMER HAVING REPEATING UNIT OF AMIDE GROUP AND CARBOXYL GROUP AND/OR AMMONIUM SALT THEREOF, AND WOOD-BASED PANEL USING SAME

00: -

The present disclosure relates to an adhesive. The adhesive contains at least one copolymer A, and the copolymer A has at least one repeating unit having an amide group and a carboxyl group and/or ammonium salt thereof and at least one repeating unit different from the repeating unit having the amide group and the carboxyl group and/or ammonium salt thereof. The present disclosure further relates to a wood-based panel formed by a

lignocellulosic material and the adhesive, and a method for manufacturing the wood-based panel.

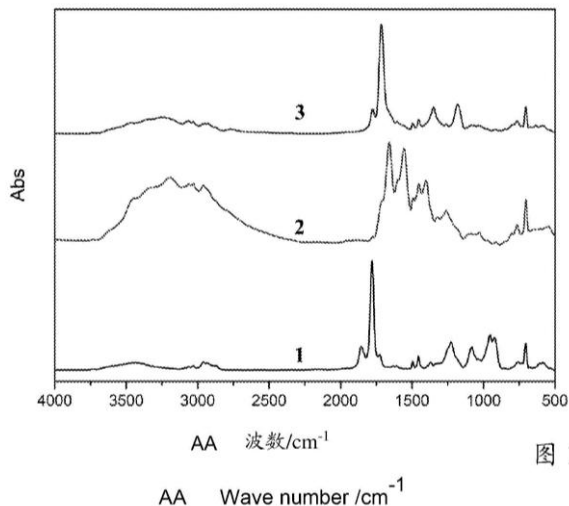
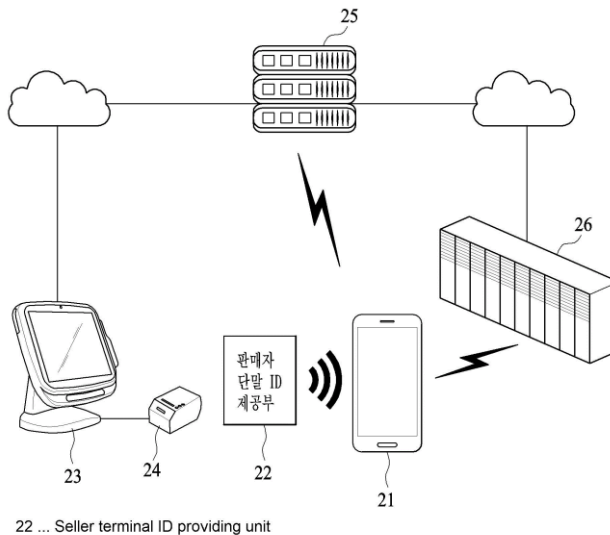


图 1

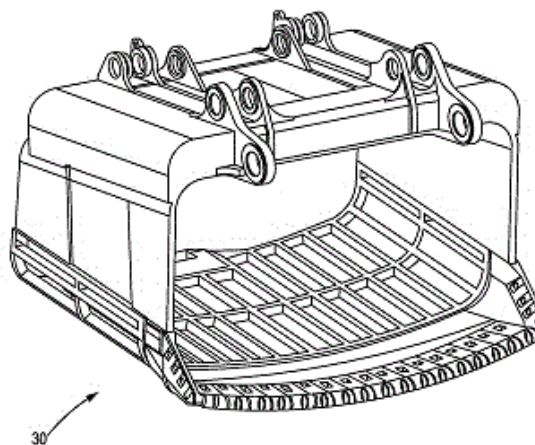
21: 2023/06763. 22: 2023/06/30. 43: 2024/08/27
 51: G06Q
 71: Allink Co., Ltd.
 72: KIM, Kyung Dong
 33: KR 31: 10-2021-0000566 32: 2021-01-04
54: RECEIPT INFORMATION TRANSMISSION SYSTEM AND METHOD USING MOBILE TERMINAL

00: -
 The present invention provides a receipt information transmission system and method. The receipt information transmission system has: a seller terminal ID providing unit storing a seller terminal ID; a user mobile terminal obtaining the seller terminal ID from the seller terminal ID providing unit and generating a first message which comprises the obtained seller terminal ID and requests receipt information; a receipt information transmission server receiving the first message from the mobile terminal and generating a second message for requesting the receipt information on the basis of the first message; and a seller terminal receiving the second message from the receipt information transmission server and transmitting the receipt information to the receipt information transmission server in response to the second message, wherein the receipt information transmission server transmits the receipt information received from the seller terminal to the mobile terminal.



21: 2023/06786. 22: 2023/07/03. 43: 2024/09/20
 51: E02F
 71: CATERPILLAR GLOBAL MINING LLC
 72: JAMILOSA, JAMES G
 33: US 31: 17/139,505 32: 2020-12-31
54: DIPPER LATTICE FRAME AND WEARABLE STRUCTURAL LINER

00: -
 A dipper (30) of a work machine (10) includes a body (32) having a plurality of walls (34, 36), a rear door (40), a bowl (38) and a liner (60). The bowl (38) may have a lattice framework (66). The liner (60) may be formed from a plurality of plates (68), with each plate having a top surface (78) that contacts material present in the dipper (30), and a bottom surface (80) opposite the top surface (78). Each plate (68) may be welded to the lattice framework (66) from the bottom surface (80) of the plate (68).

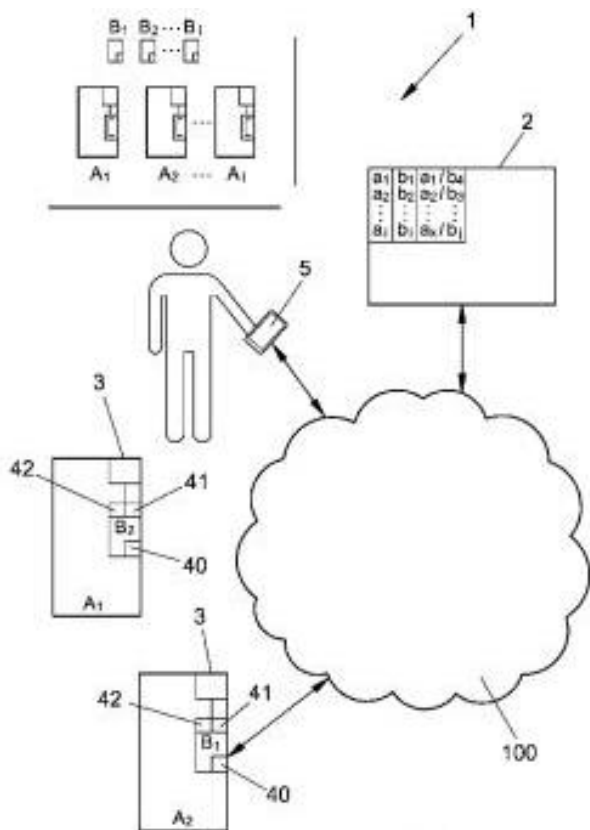


21: 2023/06813. 22: 2023/07/04. 43: 2024/08/30

51: F25C; F25D
 71: SCOTSMAN ICE S.R.L.
 72: VANIA, Tommaso
 33: IT 31: 102021000000962 32: 2021-01-20

54: SYSTEM FOR CONTROLLING AND MONITORING ICE MAKING MACHINES

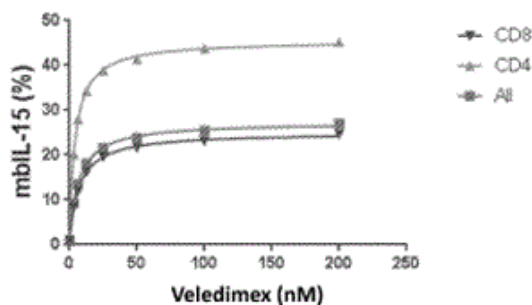
00: -
 A system controls and monitors ice making machines through a computer network and a controller connected to it. Various types of ice making machines with unique identification codes, physical programming interfaces, and probes for measuring operating parameters are included. Programmable electronic boards manage these machines, each with its unique code, memory, time counter, and connection modules for remote operations and Bluetooth. The controller stores machine and board codes and operating parameter values in a database. When a board is installed on a machine, it associates their codes, recognizes machine features, and reports to the controller via the network. The controller validates the combination and programs the board's memory with operating parameter values through the network if the combination is valid.



21: 2023/06868. 22: 2023/07/06. 43: 2024/09/19
 51: C12N; G01N
 71: PRECIGEN, INC.

54: MODULATING EXPRESSION OF POLYPEPTIDES VIA NEW GENE SWITCH EXPRESSION SYSTEMS

00: -
 Disclosed herein are polynucleotides encoding ligand-inducible gene switch polypeptides, and systems comprising gene switch polypeptides for modulating the expression of a heterologous gene and an interleukin in a host cell. The compositions, methods and systems described herein facilitate ligand dependent expression of polypeptides including but not limited to cytokines and antigen binding polypeptides.

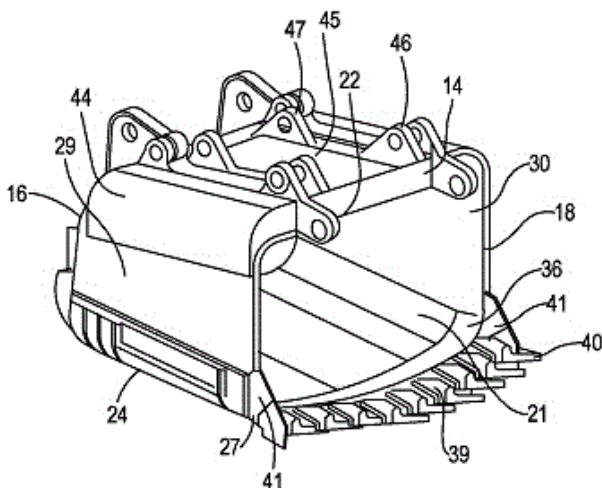


21: 2023/06902. 22: 2023/07/07. 43: 2024/11/05
 51: C01B
 71: OCP SA
 72: LABIAD, Rabie, SAMRANE, Kamal
 33: FR 31: 2012986 32: 2020-12-10

54: INTEGRATED METHOD FOR THE DECADMIATION OF PHOSPHORIC ACID

00: -
 The present invention relates to an integrated method for the decadmiation of phosphoric acid, which comprises: etching (1) phosphate (Ph) with sulphuric acid (SA) in a reactor so as to prepare a phosphoric acid solution containing cadmium and calcium sulphate dihydrate or hemihydrate; concentrating (2) said phosphoric acid solution, so as to form a concentrated phosphoric acid (PA) having a mass content between 42% and 61% of P₂O₅; adding (3) sulphuric acid (SA) in order to adjust the free sulphate content, anhydrite being

formed by recrystallisation of the calcium sulphate dihydrate and hemihydrate, the cadmium co-crystallising with said anhydrite, so as to obtain decadmiated phosphoric acid and cadmium-rich anhydrite sludge; - desulphating (4) the decadmiated phosphoric acid; desaturating (5) and clarifying (6) by decanting the mixture of decadmiated phosphoric acid and sludge; conditioning (7) said sludges (P_{S1}) with a phosphoric acid solution (AP_d) having a titre by mass of less than or equal to 61% of P_2O_5 ; recycling the conditioned sludge (P_{S2}) in the phosphate etching step (1).



21: 2023/06905. 22: 2023/07/07. 43: 2024/09/20
51: E02F

71: CATERPILLAR GLOBAL MINING LLC
72: JAMILOSA, JAMES G, YUN, ANDREW S,
PARK, JAE B, ALSALEH, MUSTAFA I, LOSSMANN,
MATTHEW J

33: US 31: 17/140,834 32: 2021-01-04

**54: WORK MACHINE DIPPER WITH IMPROVED
DIG AND PAYLOAD PERFORMANCE**

00: -

A dipper (1) for a work machine (2) is disclosed. The dipper (1) may have a front cavity wall (14) forming an inlet (18) which defines a vertical inlet plane (26), a rear cavity wall (16) opposite the front cavity wall (14) forming an outlet (20) which defines an outlet plane (28), a top cavity wall (22) extending between front and rear cavity walls (14, 16) defining a horizontal top plane (23), a bottom cavity wall (24) opposite the top cavity wall (22) defining a bottom plane (25), and two side cavity walls (29, 30). The two side cavity walls (29, 30) may further extend between the front and rear cavity wall (14, 16). The outlet plane (28) may be angled relative to the inlet plane (26), the bottom plane (25) may be angled relative to the top plane (23), and the outlet plane (28) is perpendicular to the bottom plane (25).

21: 2023/06907. 22: 2023/07/07. 43: 2024/09/25
51: C22B

71: NIHON MEDI-PHYSICS CO., LTD., NATIONAL
INSTITUTES FOR QUANTUM SCIENCE AND
TECHNOLOGY

72: HONDA, YOSHIO, ITO, TAKU, ICHINOSE, JUN,
NAGATSU, KOTARO, SUZUKI, HISASHI

33: JP 31: 2021-002432 32: 2021-01-08

**54: RECOVERY METHOD OF RA-226,
PRODUCTION METHOD OF RA-226 SOLUTION,
AND PRODUCTION METHOD OF AC-225
SOLUTION**

00: -

One aspect of the present invention relates to a recovery method of ^{226}Ra , and the recovery method of ^{226}Ra includes a step (A1) of immersing a solid-state ^{226}Ra -containing substance and a carrier having a function of adsorbing ^{226}Ra ions in a processing solution, and then irradiating the processing solution with ultrasonic waves.

21: 2023/06949. 22: 2023/07/07. 43: 2024/09/20
51: C07C

71: DOW TECHNOLOGY INVESTMENTS LLC
72: BRAMMER, MICHAEL A, GILES, JASON F,
MILLER, GLENN A

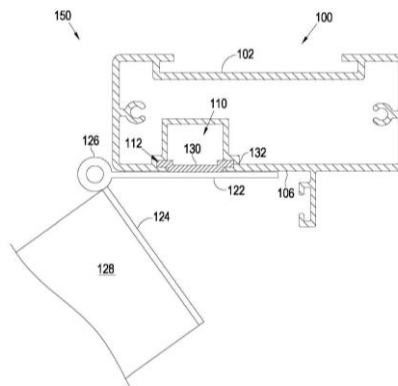
33: US 31: 63/124,922 32: 2020-12-14

**54: PROCESSES TO IMPROVE CATALYTIC
METAL ACCOUNTABILITY IN
HYDROFORMYLATION PROCESSES**

00: -

Embodiments of the present invention are directed to processes to improve rhodium accountability in continuous liquid recycle hydroformylation processes. In some embodiments, a process comprises contacting in a reaction zone reactants

comprising C7-C20 olefins, hydrogen, and carbon monoxide in the presence of a catalyst comprising rhodium and an organomonophosphite ligand to form a reaction fluid, wherein the feed rate of olefins to the reaction zone is greater than 100 kilograms/hour; providing the reaction fluid to a strip gas vaporizer to produce a product stream and a vaporizer tails stream; measuring the C7-C20 olefin content in the vaporizer tails stream; and adding a C7-C20 olefins stream comprising at least 50 weight percent C7-C20 olefins to the vaporizer tails stream to maintain the C7-C20 content in vaporizer tails stream above 2 percent by weight.



21: 2023/06980. 22: 2023/07/11. 43: 2024/08/27
51: E06B

71: Intermech (Pty) Limited
72: GERMISHUIZEN, Jacques

54: A Door Frame Assembly and Associated Method

00: -

A door frame assembly includes an extruded aluminium section forming a hinge upright of the door frame assembly, the section defining a longitudinally extending open channel in an operatively inwardly directed side of the section. The channel has a pair of opposed grooves on either side. A hinge assembly comprises a hinge having a door leaf and a frame leaf and a slider strip attached to the frame leaf of the hinge, the slider strip having opposite lugs or wings on either side. The slider strip is matched to the channel, such that the slider strip can be accommodated slidably in the channel and the lugs can be accommodated slidably in the respective grooves, the lugs being configured to be held captive in the grooves such that slidable or linear displacement along the longitudinal axis is permitted but transverse displacement is inhibited.

21: 2023/07020. 22: 2023/07/12. 43: 2024/09/19
51: C07D; A61K; A61P

71: LUNELLA BIOTECH, INC.

72: LISANTI, MICHAEL P, SOTGIA, FEDERICA,
KANGASMETSA, JUSSI, MAGALHÃES, LUMA G

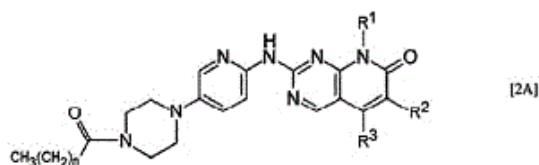
33: US 31: 62/966,834 32: 2020-01-28

33: US 31: 62/948,498 32: 2019-12-16

54: SELECTIVE CDK4/6 INHIBITOR CANCER THERAPEUTICS

00: -

The disclosure describes selective and potent CDK 4/6 inhibitors that show advantageous inhibition of cancer growth, even at low concentrations. A class of the CDK 4/6 inhibitors relates to substituted pyridopyrimidines compounds having a fatty acid moiety, and are namely derivatives of Palbociclib of general formula [2A], wherein R¹ is hydrogen, aryl, alkyl, alkoxy, cycloalkyl, or heterocyclyl; R² is hydrogen, halogen, alkyl, acyl, cycloalkyl, alkoxy, alkoxy alkyl, haloalkyl, hydroxy alkyl, alkenyl, alkynyl, nitrile, or nitro; R³ is hydrogen, halogen, alkyl, haloalkyl, hydroxy alkyl, or cycloalkyl; and n is an integer from 9 to 20. These compounds may be used as pharmaceutical compounds for anti-cancer therapies, and are useful for the treatment, prevention and/or amelioration of cancer.



21: 2023/07021. 22: 2023/07/12. 43: 2024/09/19
51: C07D; A61K; A61P

71: LUNELLA BIOTECH, INC.

72: LISANTI, MICHAEL P, SOTGIA, FEDERICA,
KANGASMETSA, JUSSI, MAGALHÃES, LUMA G

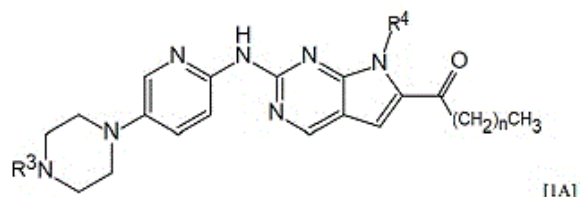
33: US 31: 62/948,498 32: 2019-12-16

33: US 31: 62/966,834 32: 2020-01-28

54: SELECTIVE CDK4/6 INHIBITOR CANCER THERAPEUTICS

00: -

This disclosure describes selective and potent CDK 4/6 inhibitors that show advantageous inhibition of cancer growth, even at low concentrations. This class of anti-cancer CDK 4/6 inhibitors are substituted pyrrolopyrimidine compounds of formula 1A, having a fatty acid moiety. These compounds may be used as pharmaceutical compounds for anti-cancer therapies, and are useful for the treatment, prevention and/or amelioration of cancer.



21: 2023/07055. 22: 2023/07/13. 43: 2024/09/19

51: G06F; H02H; G08B

71: SAMSUNG ELECTRONICS CO., LTD.

72: KIM, HEETAЕ, KWON, SOONGYU, KIM, MINSU, RYU, SANGHYUN

33: KR 31: 10-2021-0054543 32: 2021-04-27

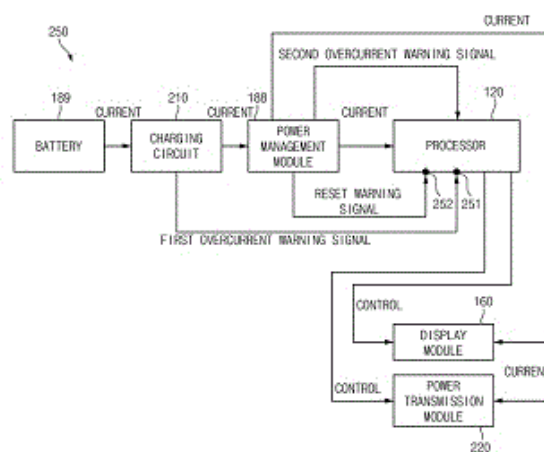
33: KR 31: 10-2021-0003479 32: 2021-01-11

54: ELECTRONIC DEVICE AND METHOD FOR CONTROLLING ELECTRONIC DEVICE

00: -

An electronic device is disclosed comprising a battery, a power management module, a charging circuit, and a processor operatively connected to the battery, power management module and charging circuit and comprising a central processing unit (CPU) and a plurality of intellectual property (IP) blocks. The charging circuit comprises a first pin connected to the processor and outputting a first overcurrent warning signal if the value of a current flowing through the entire electronic device is a first threshold current or higher. The power management module comprises a second pin connected to the processor and outputting a reset warning signal on the basis of the voltage value of the power management module. The processor comprises a first general-purpose input/output (GPIO) pin receiving the first overcurrent warning signal output from the first pin, and is configured to reduce the central processing unit, at least one operating clock frequency from among a plurality of operating clock

frequencies respectively configured in the plurality of blocks, or at least one operating clock frequency from among the constituent elements inside the electronic device, if the first overcurrent warning signal is received via the first general-purpose input/output pin. Various other embodiments understood through the specification are also possible.



21: 2023/07058. 22: 2023/07/13. 43: 2024/09/19

51: H04M; F16C; G09F; G06F

71: SAMSUNG ELECTRONICS CO., LTD.

72: HAN, YONGHWA

33: KR 31: 10-2021-0013653 32: 2021-01-29

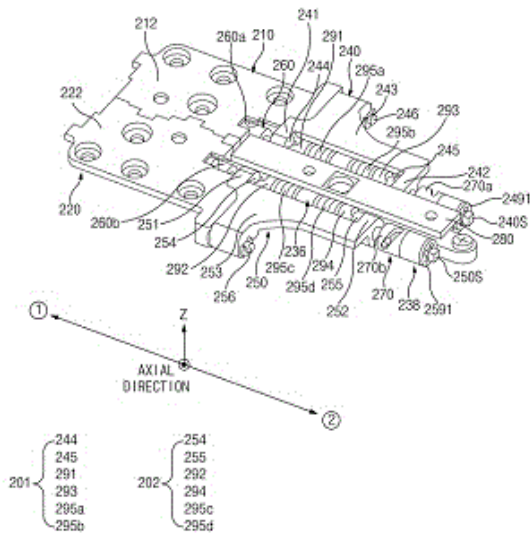
33: KR 31: 10-2021-0034842 32: 2021-03-17

54: HINGE STRUCTURE AND ELECTRONIC DEVICE COMPRISING SAME

00: -

An electronic device is disclosed. The electronic device comprises: a first housing and a second housing; a hinge structure connected to the first housing and the second housing such that the first housing rotates about a first rotational axis parallel to the axial direction, and the second housing rotates about a second rotational axis parallel to the axial direction; and a display disposed to cover the first housing, the second housing, and the hinge structure, wherein the hinge structure may comprise: a first arm shaft that extends in a direction parallel to the axial direction and rotates according to the rotation of a first rotating structure; a second arm shaft that extends in a direction parallel to the axial direction and rotates according to the rotation of a second rotating structure; and a link structure configured to linearly move in the axial direction

according to the rotation of the first arm shaft and the second arm shaft.



21: 2023/07103. 22: 2023/07/14. 43: 2024/09/20
 51: C11D; E03D
 71: UNILEVER GLOBAL IP LIMITED
 72: ACHARYA, KUSHIK, LONTOUO TAKEMLON, OLIVIER, STEFANONI, MICHELE, VALCARENGHI, IVAN

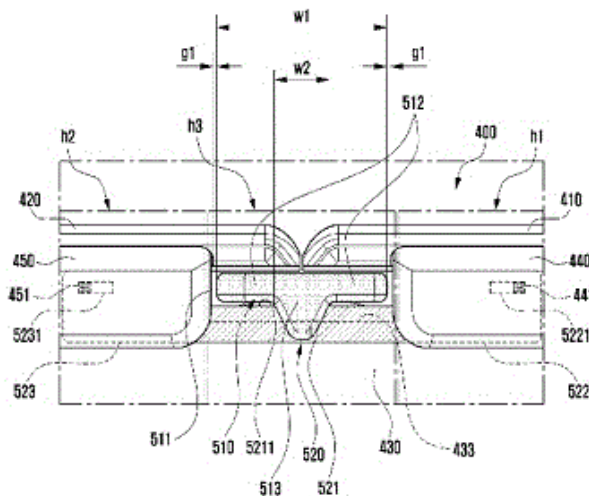
33: EP 31: 21161308.8 32: 2021-03-08
54: SHAPED TOILET CLEANER BLOCK
 00: -

The present invention relates to a shaped toilet cleaner block comprising a surfactant mix, wherein the surfactant mix comprises i. 10 to 30 wt% alkyl benzene sulphonate; ii. 1 to 25 wt% primary alcohol sulphate; and iii. 1 to 15 wt% alkyl poly glycoside. The invention further relates to a toilet cleaning system comprising at least one toilet cleaner block according to the present invention as well as a method of making the toilet cleaner block of the present invention.

21: 2023/07130. 22: 2023/07/17. 43: 2024/09/20
 51: G09F; F16C; G06F; H04M
 71: SAMSUNG ELECTRONICS CO., LTD.
 72: PARK, JUNGWON, KANG, JONGMIN, KIM, DAEYOUNG, KIM, SUNGHUN, KIM, CHIJOON, AN, HYOSANG, LEE, SEUNGJUN, LEE, HYUNGGEUN, CHOI, SEUNGWHEE, CHOI, JUNYOUNG, KIM, DOORYONG, JANG, YONGHEE
 33: KR 31: 10-2019-0087535 32: 2019-07-19
 33: KR 31: 10-2019-0064849 32: 2019-05-31

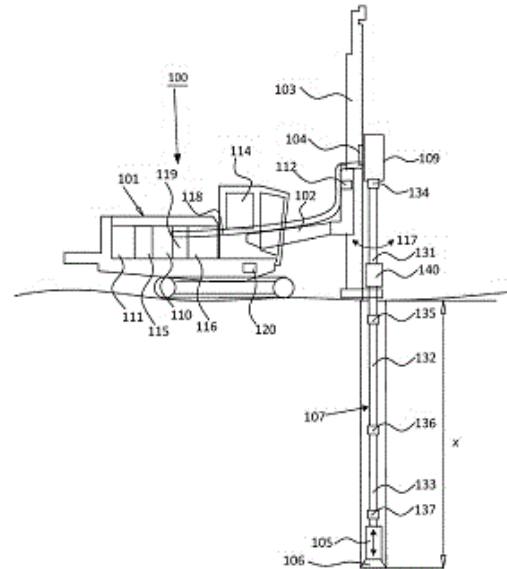
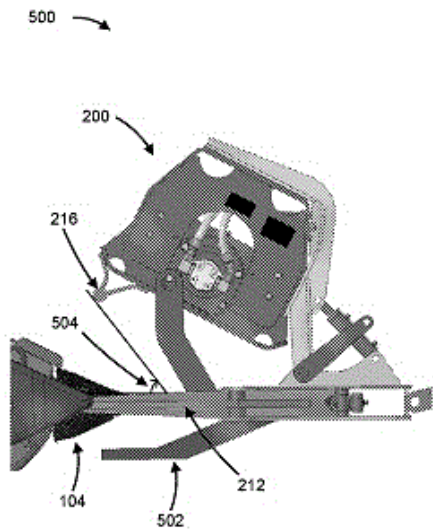
54: FOLDABLE ELECTRONIC DEVICE INCLUDING DISPLAY PROTECTION STRUCTURE
 00: -

An electronic device is provided, which includes a hinge structure, a first housing structure, a second housing structure, wherein the first housing structure and the second housing structure fold and unfold about the hinge structure, a display, a first protection cover disposed in the first housing structure on at least some of a periphery of the display, a second protection cover disposed in the second housing structure on at least some of the periphery of the display, and a protection structure that protects the periphery of the display in a folding region.



21: 2023/07144. 22: 2023/07/17. 43: 2024/09/20
 51: E02F
 71: CATERPILLAR INC.
 72: KUNZ, PHILLIP J
 33: US 31: 17/152,502 32: 2021-01-19
54: WEAR PART REMOVAL SYSTEM
 00: -

A wear part removal system (200) includes a handle (204), a positioning system (218) configured to control an approach angle (402, 406) of the wear part removal system (200) to a wear part (104), a clamping system (210) that includes a plurality of clamps (212) and that is configured to clamp the wear part (104), a contact component (216) configured to contact a portion of the wear part (104), and a vibrator device (214) configured to generate a vibratory force that is to be transmitted to the wear part (104).



21: 2023/07156. 22: 2023/07/17. 43: 2024/09/20
 51: E21B
 71: EPIROC ROCK DRILLS AKTIEBOLAG
 72: MÖRTZELL, GUSTAV, ADOLFFSSON, THOMAS
 33: SE 31: 2150366-9 32: 2021-03-26

54: METHOD AND SYSTEM FOR DETECTING A LOOSENED JOINT OF A DRILL STRING

00: -
 The invention relates to a method for determining the state of a joint (134, 135, 136, 137) joining a first and a second drill string component (105, 106, 131, 132, 133). A drill rig (100) comprises a rotation unit (109) for rotating the drill string (107) and means for determining a representation of a torque applied by the rotation unit. A joint loosening mechanism (140, 300) distinct from the rotation unit (109) apply a joint loosening torque acting on the drill string (107) when loosening a joint (134, 135, 136, 137). The method comprises applying a torque in a joint loosening direction by means of the rotation unit (109), and applying a joint loosening torque acting on the drill string by means of the joint loosening mechanism (140, 300). The torque applied by the rotation unit is monitored during the applying of the joint loosening torque and it is determined whether the joint (134, 135, 136, 137) is loosened based on the monitored representation of the torque applied by the rotation unit (109).

21: 2023/07174. 22: 2023/07/18. 43: 2024/09/19
 51: A61K
 71: AEOVIAN PHARMACEUTICALS, INC.
 72: TZANNIS, STELIOS T, MASSEY, IAN J, FROIDBISE, ALEXANDRE, EPPE, GUILLAUME
 33: US 31: 62/795,482 32: 2019-01-22

54: MTORC MODULATORS AND USES THEREOF

00: -
 Novel rapamycin analogs and uses thereof are disclosed herein. The rapamycin analogs of the present disclosure show increased mTORC1 specificity and lowered mTORC2 specificity relative to rapamycin.

21: 2023/07180. 22: 2023/07/18. 43: 2024/09/19
 51: B62D
 71: CATERPILLAR INC.
 72: JONES, BENJAMIN I, KIESEL, MARK J, LOEFFLER, BRIAN K
 33: US 31: 17/153,039 32: 2021-01-20

54: DEBRIS PATH FOR MINING TRACK UTILIZING A SEALED JOINT

00: -
 A track chain assembly (126) includes a first track pad (200, 200a) including a first pair of lugs (232, 234) defining a gap (236) therebetween, and a second track pad (200, 200a) including an intermediate lug (230) disposed in the gap (236). The first pair of lugs (232, 234) and the intermediate lug (230) each define a concentric bore (206, 206a), defining an axis of rotation (132) for a pinned joint (138) of the track chain assembly (126), and the concentric bore (206, 206a) of one of the first pair of

lugs (232, 234) is in communication with the gap (236) with a first blend (238) disposed axially between the gap (236) and the concentric bore.

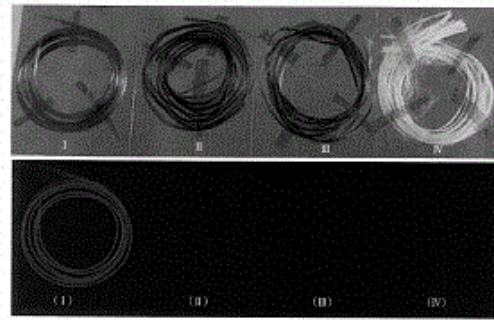
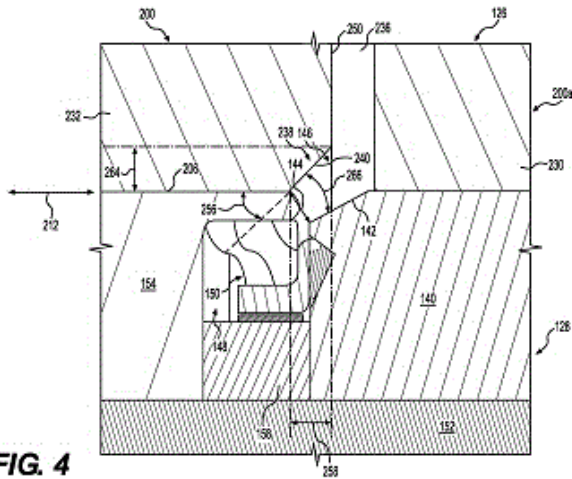


FIG. 4

21: 2023/07221. 22: 2023/07/19. 43: 2024/09/19
 51: G06Q
 71: KATSURA COMPANY, LTD.
 72: KANEDA, KENJI, NAKAMURA, KAZUYUKI
54: DELIVERY MANAGEMENT SYSTEM AND DELIVERY MANAGEMENT METHOD
 00: -

21: 2023/07220. 22: 2023/07/19. 43: 2024/09/19
 51: C03C; D06M; G21F; D01F
 71: NIPPON FIBER CORPORATION
 72: FUKAZAWA, HIROSHI
 33: JP 31: 2020-219360 32: 2020-12-28
 33: JP 31: 2021-156925 32: 2021-09-27
54: INORGANIC COMPOSITION AND FIBERS AND FLAKES THEREOF
 00: -

[Problem] To provide inorganic fibers or inorganic flakes having excellent neutron shielding properties.
 [Solution] Highly amorphous inorganic fibers and inorganic flakes that are obtained by mixing a base component, said base component containing SiO₂ and Al₂O₃ as principal elements (provided that the ratio by mass of the sum of SiO₂ and Al₂O₃ to the base component is 0.60 or more), with a neutron shielding component comprising at least one of gadolinium, gadolinium oxide, samarium, samarium oxide, cadmium and cadmium oxide at a ratio of 50-90 parts by mass of the base component and 10-50 parts by mass of the neutron shielding component, and then melting the resultant mixture.

The present invention addresses the problem of providing new technology for enabling control of delivery areas and delivery quantities to provide an environment in which users do not run out of gas, and improving security and identifying gas providers' gas usage to efficiently deliver gas fuel. Provided is a delivery management system for managing the delivery of gas containers for users who use portable gas fuel contained in gas containers. This delivery management system: stores, in a database, the initial amount in a gas container delivered to a user's facility, in association with the user and the delivery completion date; acquires the amount used or the remaining amount in the gas container used in the user's facility; and calculates the amount to be returned to the user, on the basis of the initial amount and the amount used or the remaining amount.

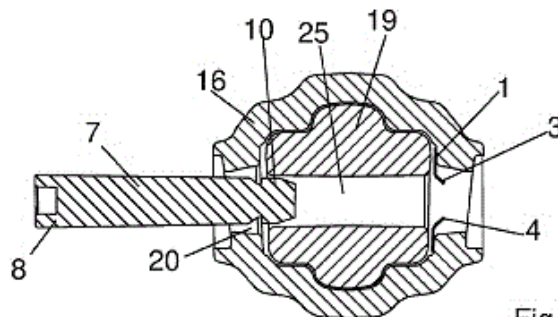
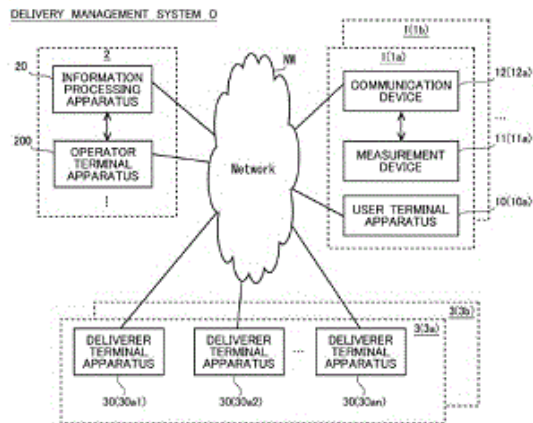


Fig 15

21: 2023/07222. 22: 2023/07/19. 43: 2024/09/19
51: E02F; F16B

71: METALOGENIA RESEARCH & TECHNOLOGIES S.L.

72: ROL CORREDOR, JAVIER, PICON MANJÓN, FRANCESC, MARTINEZ MAÑÉ, ANGEL, MARQUEZ LLINAS, JORDI, PÉREZ SORIA, FRANCISCO

33: EP 31: 21382226.5 32: 2021-03-22

54: FIXING SYSTEM OF A WEAR ELEMENT IN A SUPPORT ELEMENT OF AN EARTH MOVING MACHINE THROUGH A PIN, AND A RETAINER

00: -

The invention relates to a fixing system for fixing a wear element (16) in the nose (19) of a support element of an earth moving machine by means of a pin (7) which is housed in an opening of the wear element and in an opening (25) in the nose, coaxial with the opening of the wear element. The system comprises a retainer (1), which is a sheet material with a flexible flange (3) extending towards the path of the pin when it is introduced in the openings, interrupting said path. The retainer is fixed to the wear element or to the nose. The flange is bent towards the direction of the pin when it is introduced in the openings. The pin has a blocking segment (13) with a step the riser (15) of which is oriented such that the flange abuts against the riser when attempting to remove the pin. For its removal, the pin must be rotated about its axis until the flange comes out of the step and is arranged in a segment in which the side surface of the pin extends continuously until the final end (10) thereof.

21: 2023/07223. 22: 2023/07/19. 43: 2024/09/19
51: A23K; A23L; A61K

71: AGRO INNOVATION INTERNATIONAL

72: LAZA KNOERR, ANCA L, POINT, SANDRA, DE TONNAC, AURIANE, DUMARGUE, PHILIPPE

33: FR 31: FR2101179 32: 2021-02-08

54: COMPOSITION FOR THE NUTRITION OR DRINK OF A NON-HUMAN ANIMAL

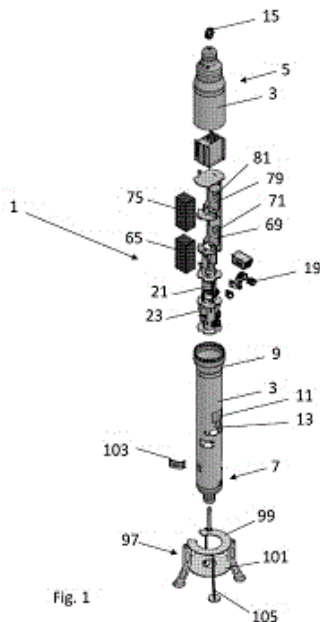
00: -

Present invention relates to a composition for the nutrition or drink of a non-human animal comprising the combination of spirulina and *Ascophyllum nodosum*. It further relates to the use of this composition for improving the veterinary performance of non-human animals, in order to reduce the emission of greenhouse gases, in particular methane, in a non-human mammal, in order to increase the digestibility of the dry matter and fibres, in particular forage and concentrates, and/or to improve the consumption index and/or the dietary efficiency and/or to promote weight gain and/or to increase the intensity of fermentation and of microbial metabolism and/or to inhibit flora protozoa and/or to reduce the degradation of proteins and/or to orient the fermentation towards the production of volatile fatty acids in a non-human mammal, in order to improve the quality of the meat and/or the growth performance and/or the well-being of a non-human animal. It also relates to the composition according to the invention, for its use for improving the intestinal health and/or the intestinal well-being and/or the immune system and/or the bone mineralisation and/or the quality of the bone structure and/or as an antibacterial in non-human animals and/or to increase the intestinal villi of monogastric non-human animals and/or to modulate the inflammatory response and/or to avoid damage

associated with post-weaning nutritional stress in monogastric mammals.

21: 2023/07268. 22: 2023/07/20. 43: 2024/09/19
 51: G03B; E21B; E21F
 71: ANGLO AMERICAN STEELMAKING COAL (PTY) LTD
 72: BAILEY, IAN
 33: AU 31: 2020904826 32: 2020-12-23
54: IMAGE CAPTURING ASSEMBLY
 00: -

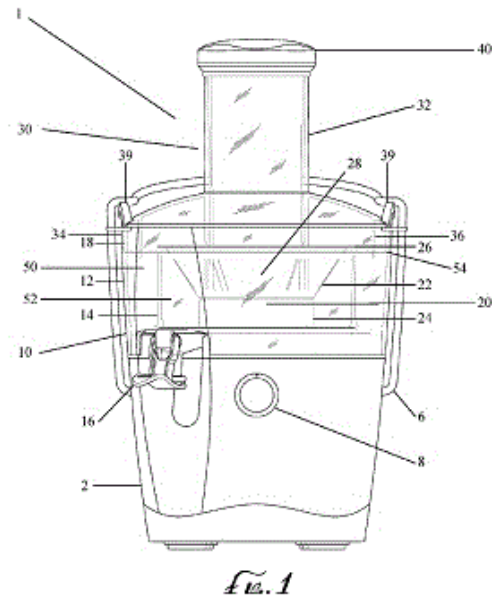
Disclosed herein is an image capturing assembly for an underground environment. The assembly may comprise an elongate body configured to be placed within a borehole. The body may comprise an outer wall that defines an internal chamber therein, a first camera aperture, and a first light aperture disposed in the outer wall of the body. The assembly may also comprise a first camera mounted within the chamber and a first light mounted within the chamber to illuminate the underground environment.



21: 2023/07271. 22: 2023/07/20. 43: 2024/09/19
 51: A47J; B30B; A23N
 71: CAPBRAN HOLDINGS, LLC
 72: FINNANCE, ROBERT
 33: US 31: 17/190,858 32: 2021-03-03
54: IMPROVED JUICER
 00: -

This application is for an improved juicer that can process a foodstuff to produce a juice and a pulp. The improved juicer can prevent the produced pulp

from interfering with the functionality of the improved juicer by preventing the pulp from impacting critical areas within the improved juicer. The improved juicer can block the pulp from impacting and disrupting airtight seals that otherwise would allow air to escape and juice to escape during processing. A method of manufacturing the improved juicer is also described.



21: 2023/07272. 22: 2023/07/20. 43: 2024/09/19
 51: C22B; B01D; B03B
 71: ECO METALS RECOVERY (HOLDING) LIMITED
 72: ACKERMAN, DEAN JOHN, GOODWIN, SEAN
 33: US 31: 63/128,569 32: 2020-12-21
54: DETECTION AND RECOVERY OF METALS FROM ORE
 00: -

Method and apparatus are provided to select target metal particles from aggregate ore. A feed stream of aggregate is directed along a path and a higher density portion is segregated therefrom. Detectors are arranged in-line and along the flow of the higher density portion. High resolution detection of a target particles within the feed stream triggers ejection of a select portion of the feed stream and target particle as a concentrate and the balance continues to a further phase of detection/ejection. The concentrate is processed in further stages or collected as product. Multiple parallel detector/ejectors across the path can isolate target particles and minimize the

ejected gangu portion associated therewith. Dry or hydrodynamic transport of the feed stream is available determined by aggregate characteristics. A compact footprint of the apparatus is achieved with arcuate paths and multi-level conveyance whilst low energy requirements enables use in artisan installations.

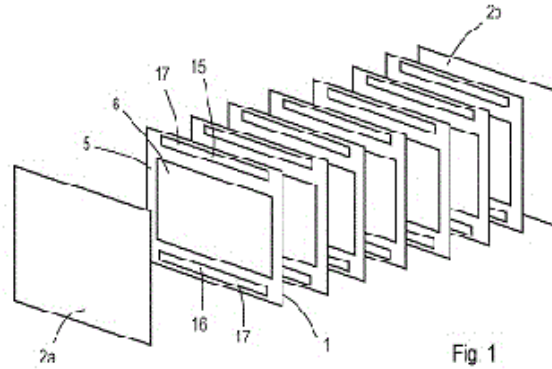
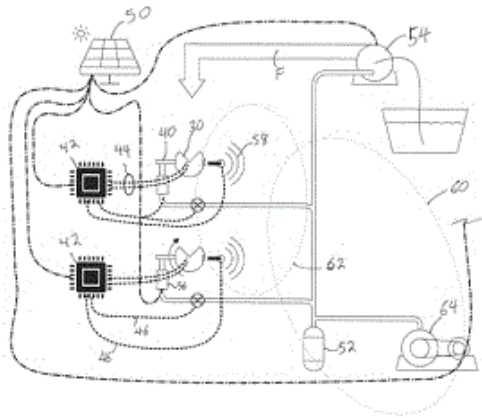


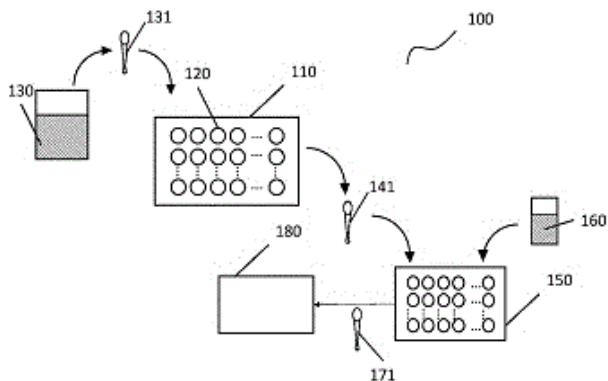
Fig 1

21: 2023/07309. 22: 2023/07/21. 43: 2024/09/19
 51: F28D; F24F
 71: DUTCH INNOVATION IN AIR TREATMENT B.V.
 72: TRIP, VINCENT, VAN DER LEE, ARTHUR
 33: NL 31: 2027648 32: 2021-02-25
54: AN EVAPORATOR PLATE HEAT EXCHANGER

00: -
 The invention is directed to an evaporator plate heat exchanger comprising a water supply (1) and a water discharge (2) and a stack (4) of injected moulded frames (5) and heat exchange sheets (6), wherein the stack has two ends (7, 8) and at least four sides (9, 10, 11, 12). The stack (4) has alternating first (13) and second (14) spaces between the heat exchange sheets (6). The stack (4) comprises a first enclosed space (15) at one side of the stack (4) which is fluidly connected to the first spaces (13) and not fluidly connected to the second spaces (14). The first enclosed space (15) is fluidly connected to the water supply (1).

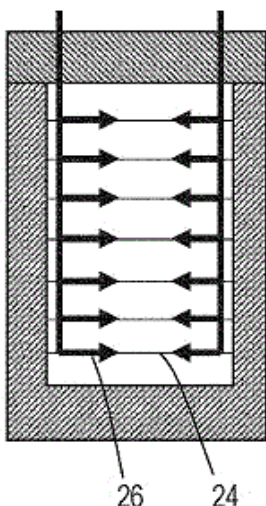
21: 2023/07310. 22: 2023/07/21. 43: 2024/09/19
 51: C12Q
 71: INTELIPHAGE SRL
 72: LIENART VAN LIDTH DE JEUDE, JEHAN, QUINTENS, JOHAN, BLASDEL, BOB
 33: BE 31: BE2021/5084 32: 2021-02-04
54: AUTOMATIC PHAGOGRAM

00: -
 A system for measuring the sensitivity of a bacterium to a plurality of phages, the system comprising: a microwell plate comprising a plurality of wells, each of said plurality of wells being configured to contain one of a plurality of phages, wherein said microwell plate is configured to have a sample comprising said bacterium dispensed into said plurality of wells; at least one reagent and/or additive, configured to be added to mixtures of said sample comprising said bacterium with a phage of said plurality of phages; and a control unit configured to interpret and present the results of measurements in the form of a phagogram, said measurements being provided by at least one analytical device, said at least one analytical device being configured to measure the interaction of each of said plurality of phages with said bacterium. The invention also relates to a corresponding method for use in same.



21: 2023/07312. 22: 2023/07/21. 43: 2024/09/19
 51: B29C; F28D; F28F; B29L
 71: DUTCH INNOVATION IN AIR TREATMENT B.V.
 72: TRIP, VINCENT, VAN DER LEE, ARTHUR
 33: NL 31: 2027649 32: 2021-02-25
54: PROCESS TO MANUFACTURE AN INTERCONNECTED STACK OF THERMOPLASTIC FRAMES

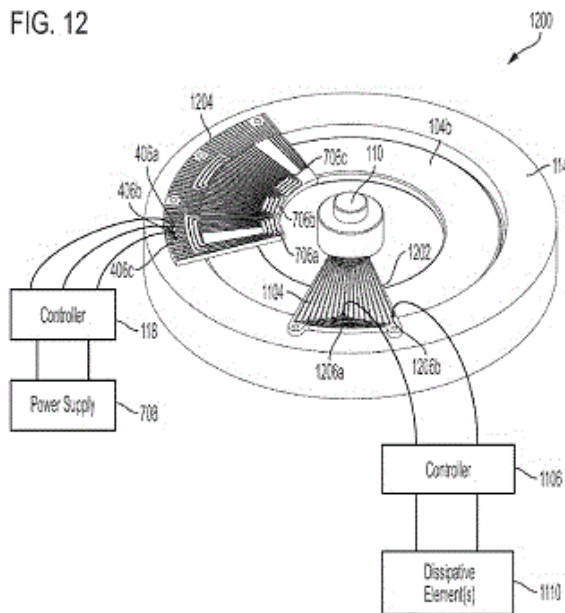
00: -
 The invention is directed to a process to manufacture an interconnected stack of thermoplastic frames having two sides by stacking the thermoplastic frames to obtain a stack of frames such that the facing sides of two neighbouring frames are in contact with each other at a contact area. When stacking a longitudinal conduit is formed which runs along the length of the stack and a branched conduit is formed at the contact area. The interconnected stack of thermoplastic frames are obtained by supplying a pressurised melt of a plastic material to the elongated conduit and branched conduits.



21: 2023/07340. 22: 2023/07/24. 43: 2024/09/19
 51: H02K; H02P; A63B
 71: E-CIRCUIT MOTORS, INC.
 72: SHAW, STEVEN ROBERT, MILHEIM, GEORGE HARDER
 33: US 31: 63/150,129 32: 2021-02-17
54: PLANAR STATOR CONFIGURATIONS FOR AXIAL FLUX MACHINES

00: -
 In some embodiments, two or more different types of stator structures may be disposed within a gap of an axial flux machine. Such arrangements may be advantageous, for example, for producing a machine optimized for multiple modes of operation, such as mechanical torque generation, conversion of mechanical torque to electrical power, and/or dissipation of mechanical power. Further, in some embodiments, an axial flux machine may include a planar stator having a winding arranged to be positioned within the machine's active region, and may further include at least one switch configured to be selectively closed to establish an electrical connection between respective ends of the winding at a time that the winding is not coupled to an external power source.

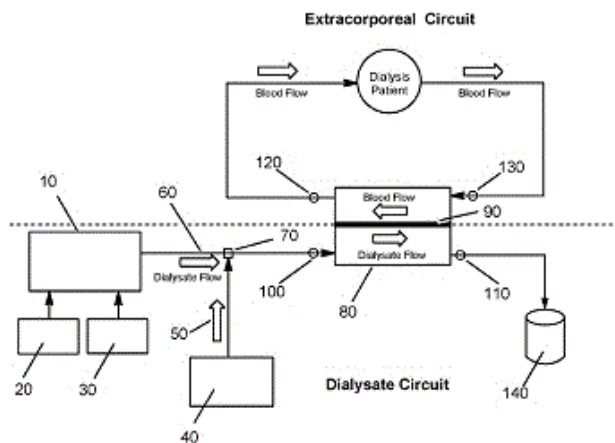
FIG. 12



21: 2023/07367. 22: 2023/07/25. 43: 2024/09/18
 51: A61K; A61P
 71: HOPE MEDICAL ENTERPRISES, INC. DBA HOPE PHARMACEUTICALS
 72: SHERMAN, CRAIG

33: US 31: 62/468,857 32: 2017-03-08
54: INTRADIALYTIC USE OF SODIUM NITRITE

00: -
 Provided herein are methods for maintaining physiological levels of nitrite in a subject undergoing hemodialysis. Also provided herein are methods of administering pharmaceutically acceptable sodium nitrite to a subject undergoing hemodialysis.

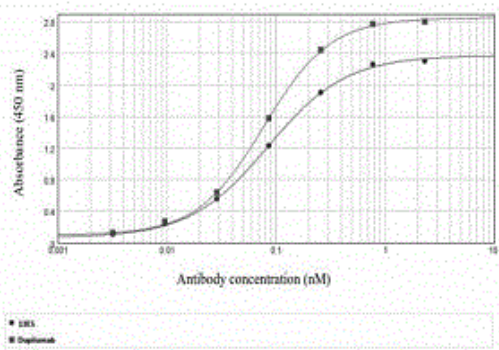


21: 2023/07368. 22: 2023/07/25. 43: 2024/09/18
 51: C07K; C12N; A61K; A61P
 71: AKESO BIOPHARMA, INC.

72: LI, BAIYONG, XIA, YU, WANG, ZHONGMIN, ZHANG, PENG

33: CN 31: 201811618948.8 32: 2018-12-27
54: ANTIBODY AGAINST HUMAN IL-4RA AND USE THEREOF

00: -
 Provided is an antibody against human interleukin 4-receptor A, a pharmaceutical composition or a kit comprising thereof, and a use thereof.

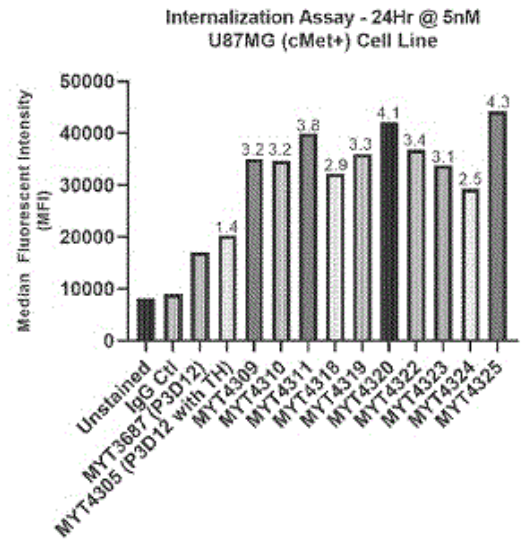


21: 2023/07404. 22: 2023/07/25. 43: 2024/09/19
 51: C07K; A61K
 71: MYTHIC THERAPEUTICS, INC.

72: FISKE, BRIAN P, GERA, NIMISH, NICHOLS, ALEXANDER J

33: US 31: 63/145,348 32: 2021-02-03
54: ANTI-MET ANTIBODIES AND USES THEREOF

00: -
 Provided herein are antibodies and uses of the same.



21: 2023/07450. 22: 2023/07/26. 43: 2024/09/19
 51: B62D

71: CATERPILLAR INC.
 72: BALDWIN, ALEX D, DUMITRU, MIRCEA

33: US 31: 17/248,587 32: 2021-01-29
54: SLIDER FOR SUPPORTING A TRACK

00: -
 A slider includes a first segment and a second segment. The first segment includes a first upper surface, a first lower surface, and a first interior surface that connects the first upper surface to the first lower surface. The first upper surface is configured to support a track. The first interior surface includes a first component of an attachment mechanism. The second segment includes a second upper surface, a second lower surface, and a second interior surface that connects the second upper surface to the second lower surface. The second upper surface is configured to support the track. The second interior surface includes a second component of the attachment mechanism that is configured to be removably attached to the first component.

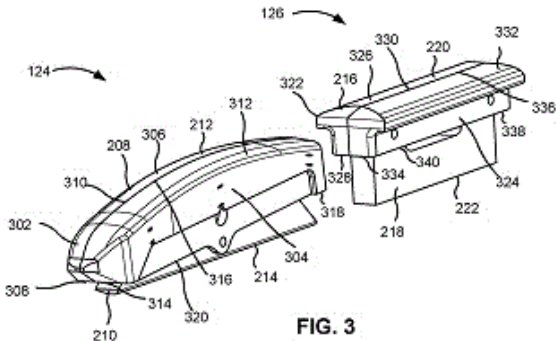
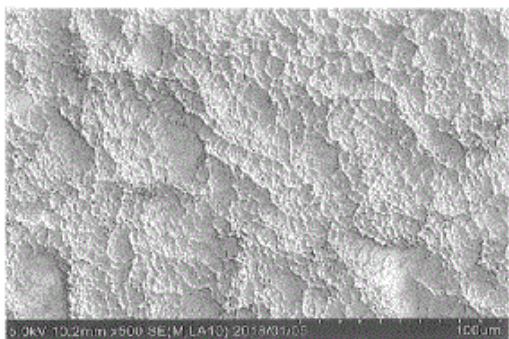


FIG. 3

21: 2023/07462. 22: 2023/07/26. 43: 2024/09/19
 51: C25B
 71: DE NORA PERMELEC LTD
 72: AWALUDIN, ZAENAL, NISHIKI, YOSHINORI
 33: JP 31: 2021-006362 32: 2021-01-19

54: ELECTRODE MANUFACTURING METHOD AND MANUFACTURING DEVICE, AND ELECTRODE OBTAINED THEREWITH

00: -
 [Problem] To provide a high-productivity electrode manufacturing method and electrode manufacturing device, as well as an electrode obtained therewith.
 [Solution] Provided is an electrode manufacturing method in which pyrolysis is performed while simultaneously directly spraying a coating solution onto a heated base material, and a catalytic layer or intermediate layer is formed on the base material.



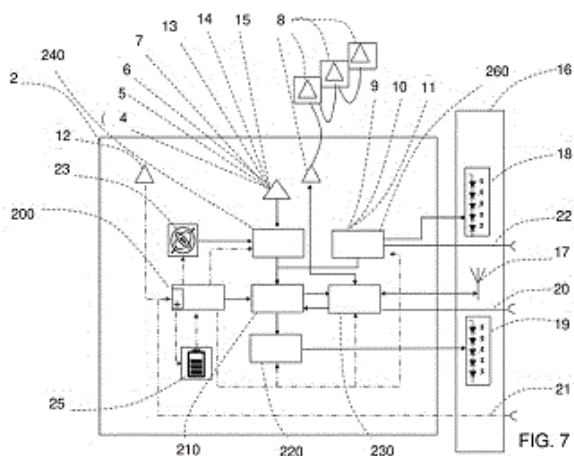
21: 2023/07466. 22: 2023/07/26. 43: 2024/09/19
 51: B32B; B65D
 71: UNILEVER GLOBAL IP LIMITED
 72: DAS, SANDIP, DE-LEON, DANIELLA WICHUDA DARIO, FRANKLIN, JAMES JOHN, GHATGE, MANOJ SATISH, WILLIAMS, ELIZABETH JANE, TRUNG, VO-KIEN
 33: IN 31: 202121006887 32: 2021-02-18
 33: EP 31: 21175068.2 32: 2021-05-20
54: CONSUMER PRODUCT

00: -
 The present invention relates to a consumer product comprising a laminate packaging comprising an outer oriented multilayer film comprising a polyolefin-based polymer; an inner multilayer film comprising a polyolefin-based polymer; and a composition comprising 0.2% to 1.2% by weight of a perfume; wherein the outer and the inner layers are made of the same polyolefin-based polymer, which is ethylene based polymer or propylene based polymer; and wherein the composition is packaged inside the laminate packaging.

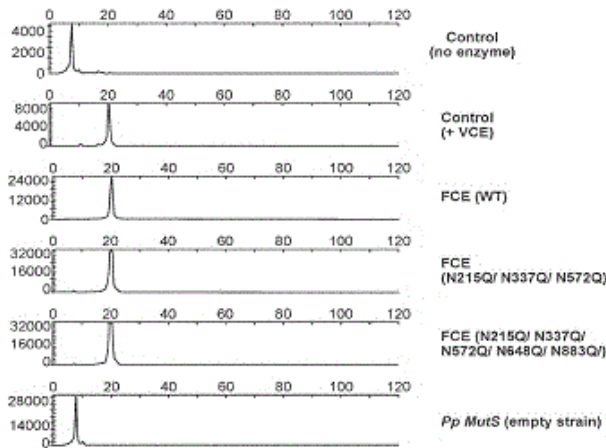
21: 2023/07542. 22: 2023/07/28. 43: 2024/09/20
 51: G01R; H02J; H01F
 71: SEPÚLVEDA LEÓN, GAGARIN ANÍBAL
 72: SEPÚLVEDA LEÓN, GAGARIN ANÍBAL
 33: US 31: 63/132,041 32: 2020-12-30
54: SYSTEM FOR MONITORING FAULTS IN A MEDIUM- AND/OR HIGH-VOLTAGE POWER LINE

00: -
 Provided is a system for monitoring faults in a medium- and/or high-voltage power line, which comprises: at least one sensor of a parameter that correlates with the fault, operatively connected to the medium- and/or high-voltage power line or to a medium- and/or high-voltage plug; an analogue-to-digital conversion module, configured to receive a reading from the at least one sensor and deliver a digital representation of the reading to a memory processing and management module that is configured to determine the existence of a fault from the digital representation and, in response to the determination of the existence of the fault, generate representative data of the fault, which are delivered to a communication module configured to encode the representative data and transmit the encoded representative data to a communication interface that is configured to receive the encoded data and transmit them to a remote terminal; a battery; one or more energy harvester coils operatively connected to the medium- and/or high-voltage cable; and a power module connected to the one or more energy harvester coils and to the battery and which is designed to control the battery charge using the energy harvested by the one or more energy harvester coils and to power the remaining components of the system. According to the invention, the system components are arranged

inside a casing of the medium- and/or high-voltage plug, and the communication interface is wired and is designed to transmit the encoded data by means of a pilot cable of the powerline, said transmission being carried out by superposing a signal corresponding to the encoded data on a voltage signal of the pilot cable.

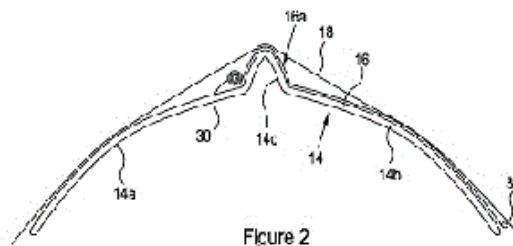


21: 2023/07543. 22: 2023/07/28. 43: 2024/09/20
 51: C12N
 71: NEW ENGLAND BIOLABS, INC
 72: GANATRA, MEHUL, CHAN, SIU-HONG, TARON, CHRISPHER H, ROBB, G. BRETT
54: FAUSTOVIRUS CAPPING ENZYME, MRNA CAPPING ENZYME COMPOSITIONS, METHODS AND KITS
 00: -
 The present disclosure relates to compositions, kits, and methods of making RNA vaccines having an appropriate cap structure. Systems, apparatus, compositions, and/or methods may include and/or use, in some embodiments, non-naturally occurring single-chain RNA capping enzymes. In some embodiments, an RNA capping enzyme may include an FCE variant having (a) an amino acid sequence at least 90% identical to positions 1 to 878 of SEQ ID NO: 1, and/or (b) one or more substitutions relative to SEQ ID NO: 1 at a position selected from positions corresponding to positions 215, 337, 572, 648, and 833 (e.g., a position selected from positions corresponding to position 215, 337, and 572) of SEQ ID NO: 1.



21: 2023/07545. 22: 2023/07/28. 43: 2024/09/20
 51: A01G
 71: HAYGROVE LIMITED
 72: CHAVEZ, OSCAR
 33: GB 31: 2101076.4 32: 2021-01-27
54: TUNNEL STRUCTURE
 00: -

A tunnel structure (10) is described comprising a plurality of cover support members (14) and a cover material (16) supported by and extending over the cover support members (14), the cover support members (14) being of generally arcuate profile and including an upwardly projecting hump (14c), the humps (14c) of the cover support members (14) being aligned with one another such that the cover material (16) defines a ridge (16a) having sides that are more steeply sloped, in use, than the parts of the cover material (16) adjacent the ridge (16a).

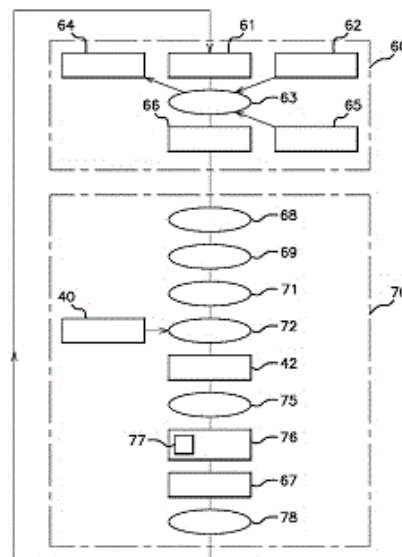


21: 2023/07546. 22: 2023/07/28. 43: 2024/09/20
 51: C02F; B65G
 71: MAF AGROBOTIC
 72: BLANC, PHILIPPE
 33: FR 31: FR2100889 32: 2021-01-29
54: METHOD FOR CLEANING A COMPOSITION FOR CONVEYING FLOATING OBJECTS OF A HYDRAULIC CONVEYOR OF SUCH OBJECTS,

HYDRAULIC CONVEYOR AND FACILITY EQUIPPED WITH SUCH A CONVEYOR

00: -

The invention relates to a method (70) for cleaning an aqueous composition, referred to as the conveying composition (61), for conveying floating objects belonging to the group of fruits and vegetables, in a hydraulic conveyor of such floating objects, the hydraulic conveyor being of a type; - with the recirculation of the conveying composition (61), and; - with treatment of the conveying composition (61) by addition of chlorine dioxide (65) kept in the conveying composition (61) during the conveying of such floating objects for the purposes of controlling the microbiological flora growing in the conveying composition (61), whereby a conveying composition, referred to as a chlorate-rich composition (66), comprising the chlorate anion of general formula ($\text{C}\ell\text{O}_3^-$) in a hydrated form in the chlorate-rich composition (66), is formed due to this treatment; method in which, the hydraulic conveyor being devoid of floating objects and the addition of chlorine dioxide (65) in the chlorate-rich composition (66) being suspended; a flow rate of a composition, referred to as the composition (42) to be cleaned, formed by mixing a flow of the chlorite-rich composition (66) and at least one flow of a composition, referred to as the photoreactive composition (40), comprising at least one photo-sensitive compound chosen from the group formed of sulfite anion salts, bisulfite anion salts, disulfate anion salts and salts of a hydrosulfite anion is irradiated (75) by an electromagnetic radiation comprising at least one electromagnetic wave in the UV-C range, so as to form, in this composition (42) to be cleaned, at least one compound, referred to as the active compound (77), capable of reacting chemically with chlorate anion F and forming a conveying composition, referred to as the cleaned composition (67), with a concentration of chlorate anion less than the concentration of chlorate anion in the chlorate-rich composition (66). The invention also relates to a hydraulic conveyor equipped with a cleaning device for implementing such a method.



21: 2023/07547. 22: 2023/07/28. 43: 2024/09/20

51: H04M; G06F; H05K

71: SAMSUNG ELECTRONICS CO., LTD.

72: HAN, JUHEE, AN, JUNGCHUL, PARK, SUNMIN

33: KR 31: 10-2021-0013871 32: 2021-02-01

54: ELECTRONIC DEVICE

00: -

An electronic device is disclosed. An electronic device may include: a display including a first area and a second area; a first housing forming a first space positioned on the rear surface of the first area; a second housing forming a second space positioned on the rear surface of the second area; a hinge assembly which allows the first area and the second area to be in a first state in which the first area and the second area form a substantially identical plane or a second state in which the first area and the second area face each other; and multiple front heat dissipation members for forming a heat conduction path between the hinge assembly and the display. In addition, various embodiments may be possible.

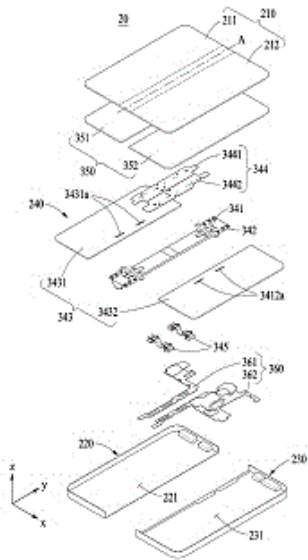
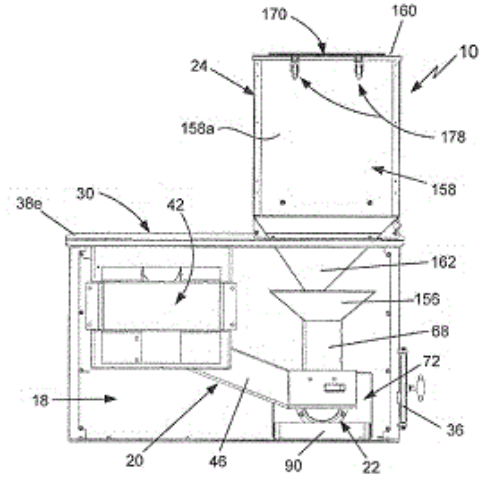


FIG. 3A



21: 2023/07548. 22: 2023/07/28. 43: 2024/09/20
51: F24B

71: INDEPENDENCE STOVE COMPANY LLC

72: WISENER, GARY L, BRADLEY, GENE R

33: US 31: 17/160,360 32: 2021-01-27

33: US 31: 63/132,483 32: 2020-12-31

54: NON-ELECTRIC GRAVITY FEED PELLET STOVE

00: -

A pellet stove (10) to heat the interior (206) of a structure (200) and provide a heating surface (30) for cooking. The pellet stove (10) has a hopper (154) storing pellet fuel (12), a core assembly (20) inside a stove enclosure (16), a primary burn chamber assembly (22) for burning pellet fuel (12) and an air venting system (26). The hopper (154) gravity feeds pellet fuel (12) to the primary burn chamber assembly (22). The core assembly (20) has a burn chamber housing (44) connected to a flame chamber (42) by a burn channel (46). The primary burn chamber assembly (22) has a burn basket (74) and a fuel control mechanism (76) to control the amount of pellet fuel (12) burned in the burn basket (74). The venting system (26) draws inlet air (128) into and discharges exhaust air (130) out of the pellet stove (12), which is sealed to prevent drawing inlet air (128) from or discharging exhaust air (130) to the structure interior (206). Fire (14) in the flame chamber (42) can be seen through an exterior glass panel (37).

21: 2023/07574. 22: 2023/07/31. 43: 2024/09/20

51: F15B; B60P; E02F

71: CATERPILLAR INC.

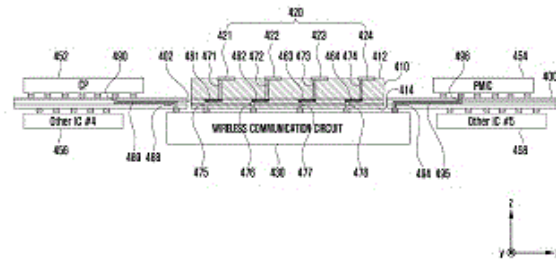
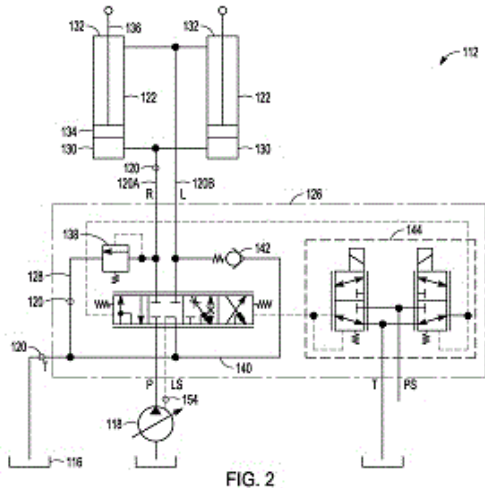
72: MATE, EDWARD W, O'NEILL, WILLIAM N, DICKER, DENNIS W

33: US 31: 17/164,512 32: 2021-02-01

54: CLOSED CENTER HOIST VALVE WITH SNUBBING

00: -

A valve for controlling a hydraulic cylinder on a work machine may include a raising position configured for placing a pump in fluid communication with a cap end of the hydraulic cylinder. The valve may also include closed center position configured for closing off fluid communication to the cap end line and the rod end line. The valve may also include a lowering position configured for placing the pump in fluid communication with the rod end of the hydraulic cylinder. The valve may also include a snubbing position configured for placing the cap end in restricted flow fluid communication with the tank and for placing the rod end in restricted flow fluid communication with the tank.



21: 2023/07577. 22: 2023/07/31. 43: 2024/09/20
 51: H01Q
 71: SAMSUNG ELECTRONICS CO., LTD.
 72: CHO, NAMJUN, SON, JUNGHWAN, NA, HYOSEOK, KIM, YOUNGJU
 33: KR 31: 10-2021-0079616 32: 2021-06-18
 33: KR 31: 10-2021-0022188 32: 2021-02-18
54: ANTENNA AND ELECTRONIC APPARATUS COMPRISING SAME
 00: -

Various embodiments of the present invention pertain to an electronic apparatus comprising an antenna. The electronic apparatus may comprise: a housing; a main substrate which is arranged in the inner space of the housing and comprises a first surface facing in a first direction, a second surface facing in a direction opposite to the first surface, and a through hole; and an antenna module arranged on the main substrate, wherein the antenna module comprises a wireless communication circuit which is at least partially arranged on the through hole, and is set to transmit and/or receive a wireless signal in a designated frequency band through a plurality of antenna elements, at a substrate comprising the plurality of antenna elements and the second surface of the main substrate. Other embodiments can also be possible.

21: 2023/07579. 22: 2023/07/31. 43: 2024/09/20
 51: G21C
 71: NAAREA
 72: ALEXANDRE, JEAN-LUC
 33: FR 31: FR2101490 32: 2021-02-16
54: MOLTEN SALT FISSION REACTOR WITH INTEGRATED PRIMARY EXCHANGER AND ELECTROGENERATOR COMPRISING SUCH A REACTOR
 00: -

Molten salt nuclear fission reactor comprising a core through which a fuel salt flows, means (30, 31) for circulating the fuel salt, a primary heat exchanger through which a heat-transfer salt flows, a primary enclosure which is impermeable to liquid salts and contains the reactor core, and a shelter. The reactor comprises a parallelepiped matrix (10) comprising alternating layers (11) of fuel salt channels, and layers (12) of heat-transfer salt channels. The matrix forms both the reactor core, in which the fission occurs, and the primary heat exchanger of the reactor. The means for circulating the fuel salt are entirely located within the primary enclosure and are configured to extract the fuel salt from one portion of the fuel salt channels on one side of the matrix and to propel the fuel salt into the other portion of the channels on the same side of the matrix.

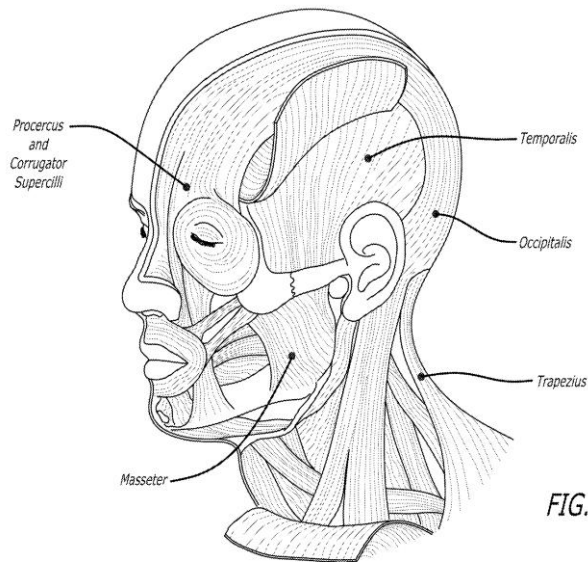
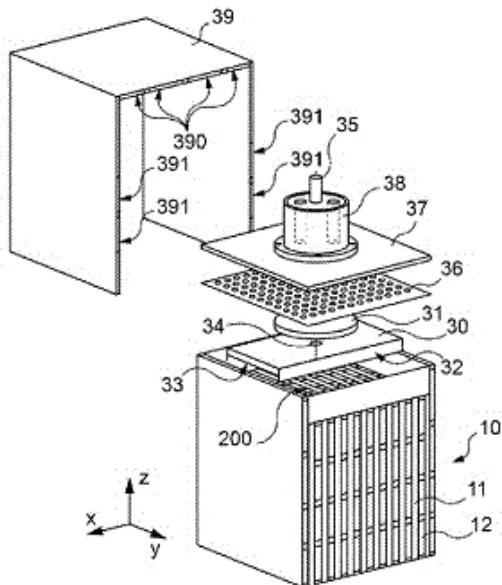


FIG. 1

21: 2023/07853. 22: 2023/08/11. 43: 2024/09/10
 51: C12N C12P
 71: CJ CHEILJEDANG CORPORATION
 72: CHANG, Jin Sook, CHO, Seung Hyun, KIM,
 Seo-Yun, LEE, Jaemin, BAEK, Min Ji, LEE, Imsang
 33: KR 31: 10-2021-0031643 32: 2021-03-10

54: NOVEL CITRATE SYNTHASE VARIANT AND METHOD FOR PRODUCING O-ACETYL-L-HOMOSERINE OR L-METHIONINE USING SAME

00: -
 The present application relates to: a novel citrate synthase variant; a microorganism comprising the variant; and a method for producing O-acetyl-L-homoserine and L-methionine using the microorganism.

21: 2023/08144. 22: 2023/08/23. 43: 2024/08/29
 51: A61P C07K
 71: AEON BIOPHARMA, INC.
 72: STAGG, Adelbert, L., BROOKS, Gregory, F.,
 BLUMENFELD, Andrew, M.
 33: US 31: 63/154,572 32: 2021-02-26

54: NEUROTOXIN COMPOSITIONS FOR USE IN TREATING HEADACHE

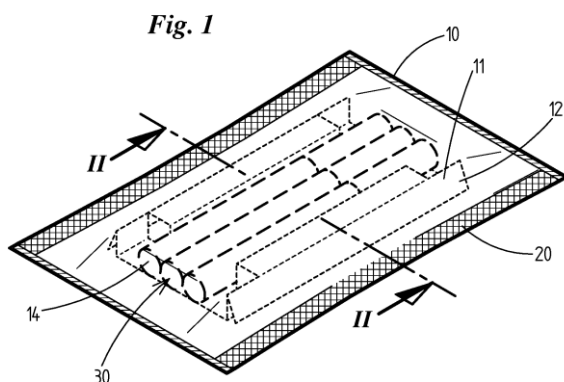
00: -
 Disclosed herein are compositions and methods for use in treating Migraine, for example Episodic or Chronic Migraine, including methods with reduced side effects and comparable or improved efficacy as compared to methods known in the art.

21: 2023/08196. 22: 2023/08/24. 43: 2024/10/24
 51: B65D
 71: FOCKE & CO. (GMBH & CO. KG)
 72: FÖRSTMANN, Dirk
 33: DE 31: 10 2021 104 858.3 32: 2021-03-01

54: PACKAGING FOR ROD-SHAPED PRODUCTS

00: -
 The invention relates to a folding blank for a tray (11) for receiving one or more rod-shaped products (14) of the tobacco industry, in particular cigarettes, wherein the tray (11) is provided for being arranged in a packaging made of film, in particular in a pouch, preferably having at least three sealed seams, and wherein the folding blank (12) has outer lateral tabs, in particular for stabilizing the tray (11) in the packaging, as well as two mutually spaced first supporting walls (16) which are interconnected by a bottom wall (15) and are each intended for laterally supporting one or more rod-shaped products (14) located therebetween in a folded state of the folding blank. The invention is characterised in that each first supporting wall (16) is part of a supporting joint (21a, 21b) which is hinged to one of the lateral tabs, wherein the two supporting joints (21a, 21b) are each pivotable, by means of folding, from a first position in which the first supporting wall (16) of each supporting joint (21a, 21b) extends in the plane of the bottom wall (15), thus forming a retaining seat for one or more rod-shaped products (14), which retaining seat comprises the bottom wall (15) and the two first supporting walls (16), into a second

position in which each first supporting wall (16) extends at an angle, in particular perpendicularly, to the bottom wall (15), and wherein each supporting joint (21a, 21b), in the second position, covers or blocks a space between the lateral tab to which it is hinged and the supporting wall of the supporting joint, so that this space cannot be occupied by one or more rod-shaped products (14).



21: 2023/08771. 22: 2023/09/14. 43: 2024/09/25
51: C07D
71: CHEVRON PHILLIPS CHEMICAL COMPANY LP

72: LASSEN, KENNETH M

33: US 31: 17/202,481 32: 2021-03-16

54: TWO-STEP SYNTHESIS OF PYRROLE COMPOUNDS FROM FURAN COMPOUNDS

00: -

Pyrrrole compounds are produced by contacting a furan compound, a solid acid catalyst, and water to form a reaction mixture containing a γ -dicarbonyl compound, and then contacting the γ -dicarbonyl compound with ammonia or an ammonium salt to form a reaction product mixture containing the pyrrole compound. A representative pyrrole compound that can be synthesized using these processes is 2,5-dimethylpyrrole.

21: 2023/09145. 22: 2023/09/28. 43: 2024/11/13
51: H01M
71: XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD.

72: HUO, Qiqi

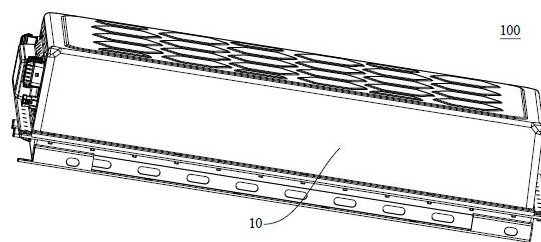
33: CN 31: 202211438939.7 32: 2022-11-17

54: ENERGY STORAGE DEVICE

00: -

An energy storage device is provided in the disclosure. The energy storage device includes a

case, multiple battery modules, at least one cooling assembly, and at least one heat insulation support. The multiple battery modules are accommodated in the case. The at least one cooling assembly is arranged between the multiple battery modules. The at least one heat insulation support is fixedly connected to the case. The at least one heat insulation support each defines a fixing groove configured to fix one of the at least one cooling assembly. According to the energy storage device in embodiments of the disclosure, by arranging the heat insulation support, heat exchange between the cooling assembly and the case may be reduced while the cooling assembly is fixed.



21: 2023/09246. 22: 2023/10/03. 43: 2024/11/01
51: G06T

71: ANDRITZ AG

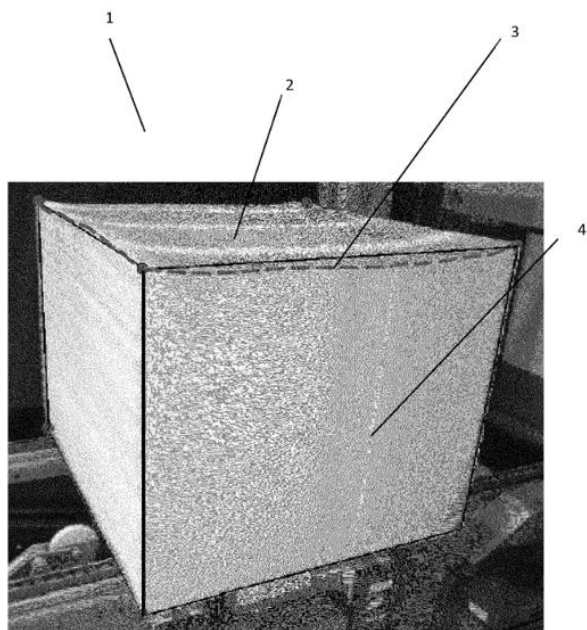
72: Armin KONJEVOD, DI FH, Ing. Gernot GRATZER, Dr. Michael BERGMANN

33: AT 31: A50347/2021 32: 2021-05-06

54: METHOD FOR MONITORING THE QUALITY CHARACTERISTICS OF A PULP BALE IN A BALING LINE

00: -

The invention relates to a method for monitoring the quality characteristics of a pulp bale in a baling line of a pulp machine, wherein cut pulp sheets are stacked to form a pulp bale. It is characterised by taking pictures of the pulp bale with a camera system and evaluating them with a computer-implemented computational model for image analysis. Improved availability of the bale line is achieved.



21: 2023/09346. 22: 2023/10/06. 43: 2024/11/01
 51: B22F; C21B; C21C; C22C; B33Y
 71: ARCELORMITTAL
 72: Enrique HERRAIZ LALANA, Mathieu COUVRAT,
 Pallava KAUSHIK, Alejandro CARO GUTIERREZ
54: GAS ATOMIZATION OF MOLTEN STEEL
 00: -

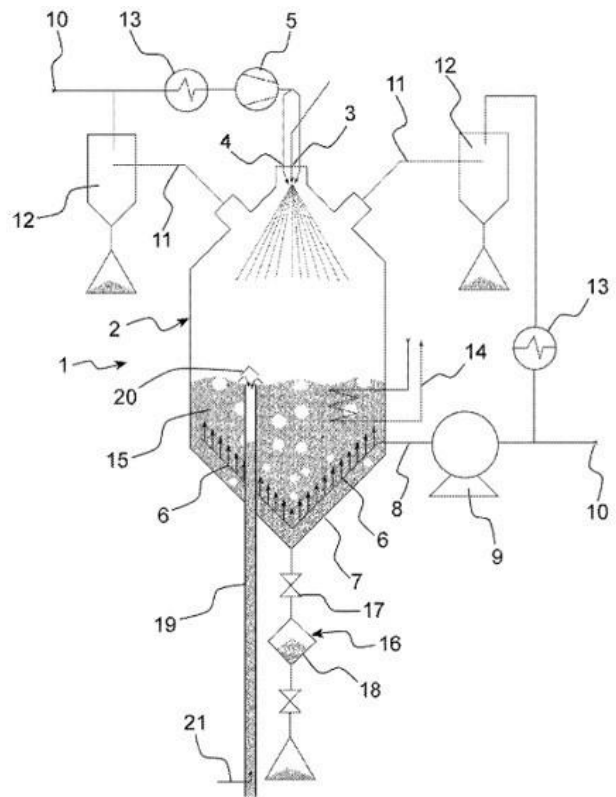
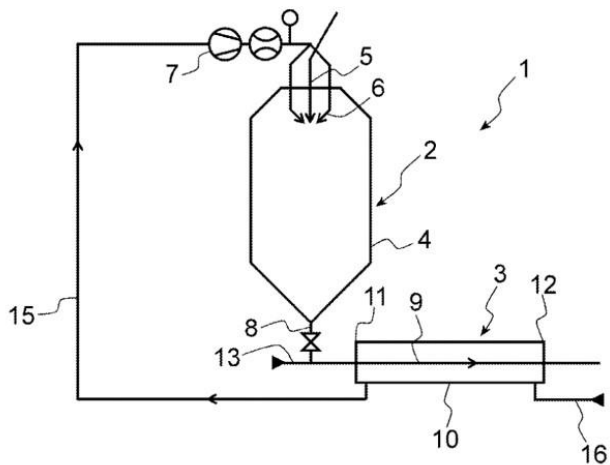
The invention relates to a process for the production of steel powders comprising the steps of: providing molten iron from a blast furnace, refining the molten iron in a converter to form molten steel comprising up to 600 ppm C, up to 120 ppm S, up to 125 ppm P, up to 50 ppm N and up to 1200 ppm O, pouring the molten steel in a plurality of induction furnaces, adding, in each of the plurality of induction furnaces, at least one ferroalloy to adjust the steel composition, pouring the molten steel at the desired composition of each induction furnace in a dedicated reservoir connected to at least one gas atomizer, feeding the at least one gas atomizer of each reservoir in molten steel from each reservoir under pressure and gas atomizing said molten steel to form the steel powder at the desired composition.

21: 2023/09348. 22: 2023/10/06. 43: 2024/11/01
 51: B22F; C21B; C21C; C22C
 71: ARCELORMITTAL
 72: Pallava KAUSHIK, Alejandro CARO
 GUTIERREZ, Mathieu COUVRAT
54: GAS ATOMIZATION OF MOLTEN STEEL

00: -
 The invention relates to a process for the production of steel powders comprising the steps of: providing molten iron from a blast furnace, refining the molten iron in a converter to form molten steel, refining the molten steel in a vacuum arc degasser to obtain a refined molten steel comprising from 20 to less than 600 ppm C, from 15 to less than 120 ppm S, up to 125 ppm P, up to 80 ppm N and up to 30 ppm O, pouring in a plurality of induction furnaces, adding at least one ferroalloy, pouring the molten steel of each induction furnace in a dedicated reservoir connected to at least one gas atomizer, feeding the at least one gas atomizer of each reservoir in molten steel from each reservoir under pressure and gas atomizing said molten steel to form the steel powder at the desired composition.

21: 2023/09349. 22: 2023/10/06. 43: 2024/11/01
 51: B22F; B33Y
 71: ARCELORMITTAL
 72: Enrique HERRAIZ LALANA, Udaya Bhaskar
 KODUKULA
 33: IB 31: PCT/IB2021/053456 32: 2021-04-27
**54: INSTALLATION FOR THE PRODUCTION OF
 METAL POWDERS**

00: -
 The invention relates to an installation for the production of metal powders comprising: - a gas atomizer comprising an atomization chamber having a top and a bottom, an atomization nozzle, positioned at the top of the chamber, through which liquid metal can flow, a gas sprayer, adjacent to the nozzle, through which gas can be jetted on the liquid metal and an opening at the bottom of the atomization chamber for discharging the metal powder, - a double pipe heat exchanger comprising an inner pipe and an outer pipe, the two pipes being concentric, the inner pipe being connected to the opening at the bottom of the atomization chamber and the outer pipe being connected to the gas sprayer of the atomizer. The invention also relates to the corresponding process.



21: 2023/09350. 22: 2023/10/06. 43: 2024/11/01
 51: B22F
 71: ARCELORMITTAL
 72: Benjamin BOISSIERE
 33: IB 31: PCT/IB2021/053518 32: 2021-04-28
54: GAS ATOMIZER

00: -
 The invention relates to a process for manufacturing metal powders, comprising (i) feeding a chamber of a gas atomizer with molten metal, (ii) atomizing the molten metal by injection of gas so as to form metal particles, (iii) cooling the metal particles in the lower section of the chamber by injecting gas from the bottom of the chamber so as to form a bubbling fluidized bed of metal particles. The invention also relates to the gas atomizer thereof.

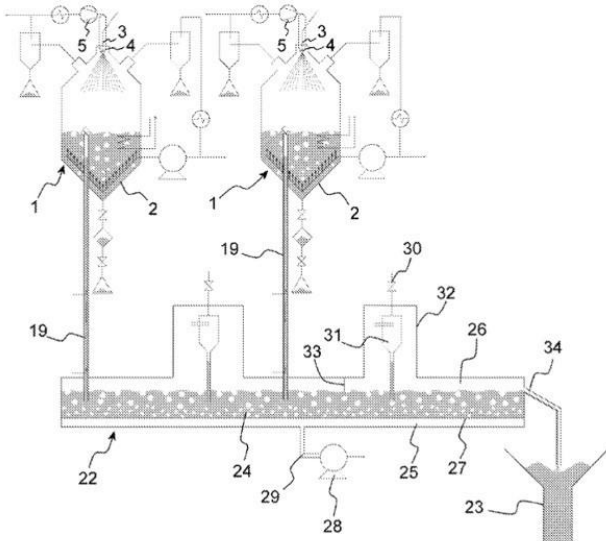
21: 2023/09352. 22: 2023/10/06. 43: 2024/11/01
 51: C21D; C22C
 71: ARCELORMITTAL
 72: Pierrick FORT, Aude NADLER, Kangying ZHU, Astrid PERLADE, Michel SOLER, Frédéric KEGEL
54: METHOD OF MANUFACTURING OF A STEEL PART

00: -
 The invention deals with a process for manufacturing a steel part, comprising the following successive steps: providing a steel sheet having a composition comprising by weight percent: C: 0.05 – 0.25 %, Mn: 3.5 – 8 %, Si 0.1 - 2%, Al: 0.01 - 3%, S ≤ 0.010 %, P ≤ 0.020 %, N ≤ 0.008 %, and comprising optionally one or more of the following elements, in weight percentage: Cr: 0 – 0.5%, Mo : 0 – 0.25%, the remainder of the composition being iron and unavoidable impurities resulting from the smelting, and having a microstructure comprising, in surface fraction, between 10% and 50% of retained austenite, 50% or more of the sum of ferrite, bainite and tempered martensite, less than 5% of fresh martensite, less than 2% of carbides and a carbon [C]A content in austenite, strictly more than 0.4% and strictly less than 0.7%, cutting said steel sheet to a predetermined shape, so as to obtain a steel blank, heating the steel blank to a temperature T_{warm} comprised from (M_d30-150°C) to (M_d30-50°C), punching or shearing and forming the heat-

treated steel blank at the said T_{warm} temperature to obtain a steel part.

21: 2023/09410. 22: 2023/10/09. 43: 2024/11/04
 51: B22F
 71: ARCELORMITTAL
 72: Benjamin BOISSIERE
 33: IB 31: PCT/IB2021/053521 32: 2021-04-28
54: PROCESS FOR COOLING AND TRANSPORTING METAL POWDER
 00: -

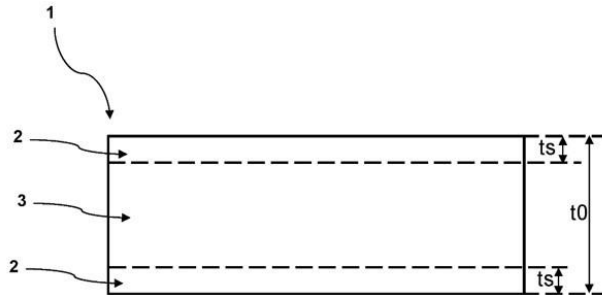
The invention relates to a process for manufacturing metal powders comprising (i) discharging metal particles from a chamber of a gas atomizer in a conveyor, (ii) simultaneously cooling and transporting the metal particles in the form of a fluidized bed formed in the conveyor. The invention also relates to the installation thereof.



21: 2023/09451. 22: 2023/10/10. 43: 2024/11/01
 51: C21D
 71: ARCELORMITTAL
 72: Sebastian COBO, François STOUVENOT, Emmanuel LUCAS
 33: IB 31: PCT/IB2021/053731 32: 2021-05-04
54: STEEL SHEET AND HIGH STRENGTH PRESS HARDENED STEEL PART AND METHOD OF MANUFACTURING THE SAME
 00: -

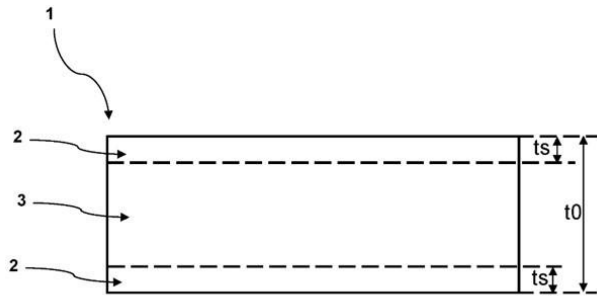
A steel sheet made of a steel having a composition comprising, C : 0.3 - 0.4 %, Mn : 0.5 - 1.0 %, Si : 0.4 - 0.8 %, Cr : 0.1 - 1.0 %, Mo : 0.1 - 0.5 %, Nb : 0.01 - 0.1 %, Al : 0.01 - 0.1 %, Ti : 0.008 - 0.03 %, B : 0.0005 - 0.003 %, $P \leq 0.020$ %, $Ca \leq 0.001$ %, $S \leq 0.004$ %, $N \leq 0.005$ % and comprising optionally Ni < 0.5%, having a microstructure comprising, in surface

fraction, from 60% to 95% of ferrite, the rest being martensite-austenite islands, pearlite or bainite, and comprising a bulk and a skin layer occupying the outermost 10% of the thickness on either sides of the bulk, said skin layer having a skin layer inclusion population wherein the surface fraction of oxides is equal to or below $60 \cdot 10^{-6}$.



21: 2023/09452. 22: 2023/10/10. 43: 2024/11/01
 51: C21D; C22C
 71: ARCELORMITTAL
 72: Sebastian COBO, François STOUVENOT, Emmanuel LUCAS
 33: IB 31: PCT/IB2021/053725 32: 2021-05-04
54: STEEL SHEET AND HIGH STRENGTH PRESS HARDENED STEEL PART AND METHOD OF MANUFACTURING THE SAME
 00: -

A steel sheet made of a steel having a composition comprising, C : 0.3 - 0.4 %, Mn : 0.5 - 1.0 %, Si : 0.4 - 0.8 %, Cr : 0.1 - 1.0 %, Mo : 0.1 - 0.5 %, Nb : 0.01 - 0.1 %, Al : 0.01 - 0.1 %, Ti : 0.008 - 0.03 %, B : 0.0005 - 0.003 %, $P \leq 0.020$ %, $Ca \leq 0.001$ %, $S \leq 0.004$ %, $N \leq 0.005$ % and comprising optionally Ni < 0.5%, having a microstructure comprising, in surface fraction, from 60% to 95% of ferrite, the rest being martensite-austenite islands, pearlite or bainite, and comprising a bulk and a skin layer occupying the outermost 10% of the thickness on either sides of the bulk, said skin layer having a skin layer inclusion population wherein the cumulated surface fraction of oxides, MnS and TiNbCN is equal to or below $75 \cdot 10^{-6}$.



21: 2023/09498. 22: 2023/10/11. 43: 2024/11/01
51: E21D

71: OFFICINE MACCAFERRI ITALIA S.R.L.

72: Cristiano BONOMI, Franco TAMBURINI

33: IT 31: 102021000014225 32: 2021-05-31

33: IT 31: 102021000028355 32: 2021-11-02

33: IT 31: 102022000001559 32: 2022-01-31

33: IT 31: 102022000009266 32: 2022-05-05

54: CENTRING FOR SUPPORTING AND CONSOLIDATING AN EXCAVATION, AND METHOD FOR INSTALLING SUCH A CENTRING INSIDE AN EXCAVATION

00: -

A centring for supporting and consolidating an excavation comprises a plurality of movable structural elements (11, 12, 13, 14) which are connected to each other in such a manner that the centring can move from a preassembled configuration, at least partially folded before the installation, to a definitive installation configuration, in which the structural elements are locked with respect to each other in a mutual position which generally defines a centring which is at least formed in an arched manner. The structural elements can be locked with structural continuity with respect to each other in a mutual position which generally defines a centring with the closed-geometry profile which comprises the centring which is formed with a closed arch at the bottom by a structural element which acts as a strut or inverted arch.

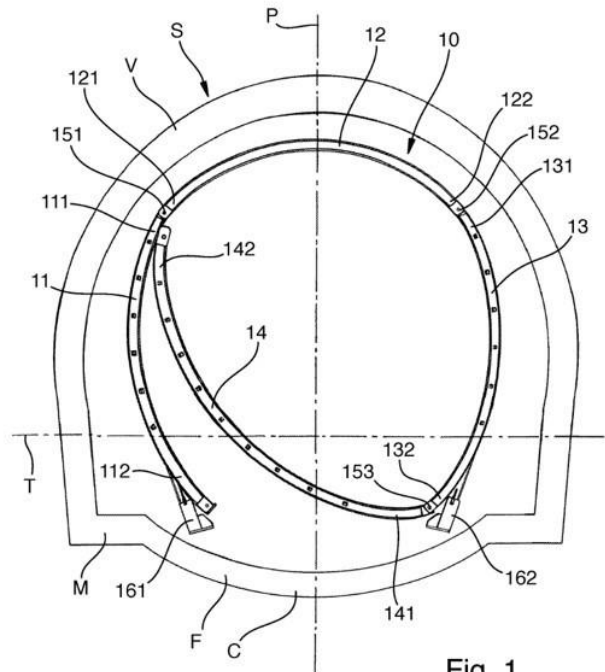


Fig. 1

21: 2023/09916. 22: 2023/10/24. 43: 2024/11/01
51: A61K; C08J; C08L; A61P

71: PURENUM GMBH

72: Ingo GRUNWALD, Sebastian STÖSSLEIN

33: DE 31: 20 2021 103 106.9 32: 2021-06-09

54: STERILIZED MULTI-COMPONENT COMPOSITION FOR REMOVAL OF PARTICLES

00: -

The present invention relates to a sterilized, gel-forming, multi-component composition comprising a component containing at least one crosslinkable polymer and a component containing at least one crosslinking agent. Further, the present invention relates to such a composition or gel for use in a method of removing undesirable particles from a patient, as well as to a method of making such a composition and a composition producible or produced by such a method.

21: 2023/10156. 22: 2023/10/31. 43: 2024/11/01
51: A61M

71: DRÄGERWERK AG & CO. KGAA

72: Andreas BRANDT, Peter BACH, Dennis STURM

33: DE 31: 10 2021 122 598.1 32: 2021-09-01

54: PNEUMATIC SYSTEM FOR AN ANAESTHESIA SYSTEM

00: -

A description is given of a pneumatic system (55) for an anaesthesia system with an inner circulating

system (34) and an outer circulating system (54). The inner circulating system (34) has a purging-valve arrangement (49). The purging-valve arrangement (49) can be brought into an open state by a control unit (200) on the basis of a current tidal volume.

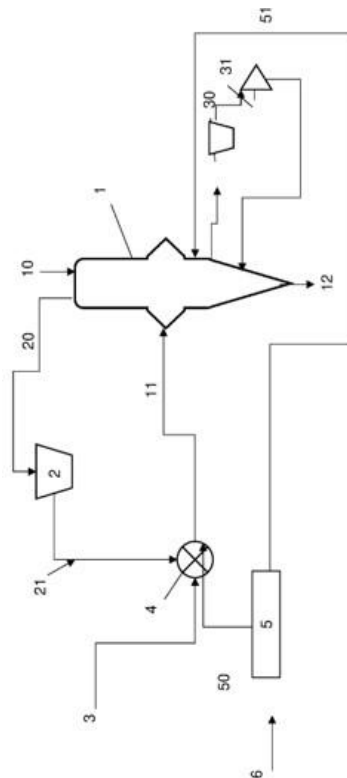
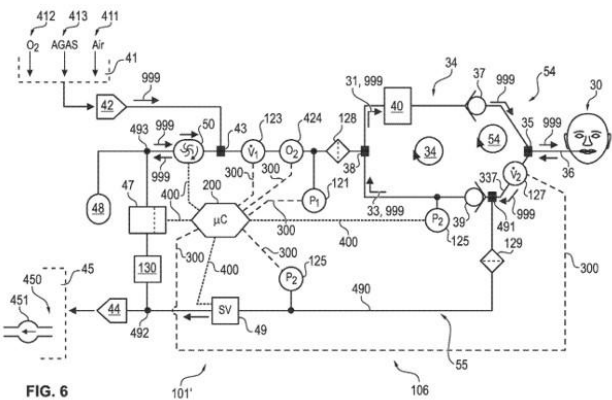


Figure 1

21: 2023/10332. 22: 2023/11/06. 43: 2024/11/14
 51: C21B
 71: ARCELORMITTAL
 72: George TSVIK, Dmitri BOULANOV, Jon REYES RODRIGUEZ, Odile CARRIER, Sarah SALAME, José BARROS LORENZO, Marcelo ANDRADE, Dennis LU

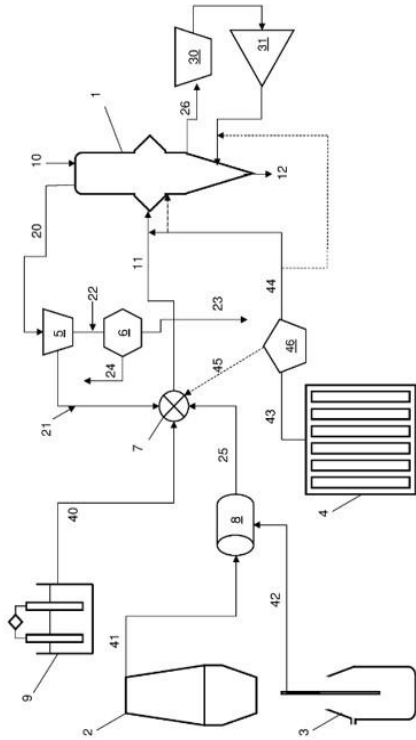
54: METHOD FOR MANUFACTURING DIRECT REDUCED IRON AND DRI MANUFACTURING EQUIPMENT

00: -
 A method for manufacturing Direct Reduced Iron wherein iron ore is reduced in a DRI shaft by a reducing gas comprising hydrogen obtained by extraction from coke oven gas through a hydrogen separation unit, the remaining part of such coke oven gas being at least partly injected in the transition section of said DRI shaft to set the carbon amount of said Direct Reduced Iron from 0.5 to 3 wt.% and a DRI manufacturing equipment including a DRI shaft (1) and a hydrogen separation unit (5), wherein said hydrogen separation unit (5) inlet is connected to a coke oven gas supply (6) and includes a first outlet connected to the DRI shaft to inject hydrogen separated from said coke oven gas and a second outlet connected to the transition section of said DRI shaft (1) to inject at least part of the remaining part of such coke oven gas.

21: 2023/10333. 22: 2023/11/06. 43: 2024/11/14
 51: C21B; C21C
 71: ARCELORMITTAL
 72: George TSVIK, Dmitri BOULANOV, Jon REYES RODRIGUEZ, Odile CARRIER, Sarah SALAME, José BARROS LORENZO, Marcelo ANDRADE, Dennis LU

54: OPERATING METHOD OF A NETWORK OF PLANTS

00: -
 The invention is related to a method for operating a network of plants comprising a blast furnace, a steelmaking furnace producing steel and a steelmaking gas, a direct reduction furnace wherein oxidized iron is charged to be reduced by a reducing gas to produce direct reduced iron and a top reduction gas and at least one burner able to provide heat to the reducing gas before its injection into the direct reduction furnace.



21: 2023/10355. 22: 2023/11/07. 43: 2024/11/14
 51: C21B
 71: ARCELORMITTAL
 72: George TSVIK, Dmitri BOULANOV, Jon REYES RODRIGUEZ, Odile CARRIER, Sarah SALAME, José BARROS LORENZO, Marcelo ANDRADE, Dennis LU

54: METHOD FOR MANUFACTURING DIRECT REDUCED IRON AND DRI MANUFACTURING EQUIPMENT

00: -
 A method for manufacturing Direct Reduced Iron wherein iron ore is reduced in a DRI shaft by a reducing gas comprising hydrogen obtained by thermal cracking of methane inside a plasma torch, the reducing gas further comprising top gas coming from the DRI shaft and a DRI manufacturing equipment including a DRI shaft (1) and a plasma torch (40), wherein the plasma torch is connected on one side to a methane supply (41) and, on the other side, to the DRI shaft (1), the DRI shaft being provided with a recycling loop allowing to inject its top gas back in the DRI shaft.

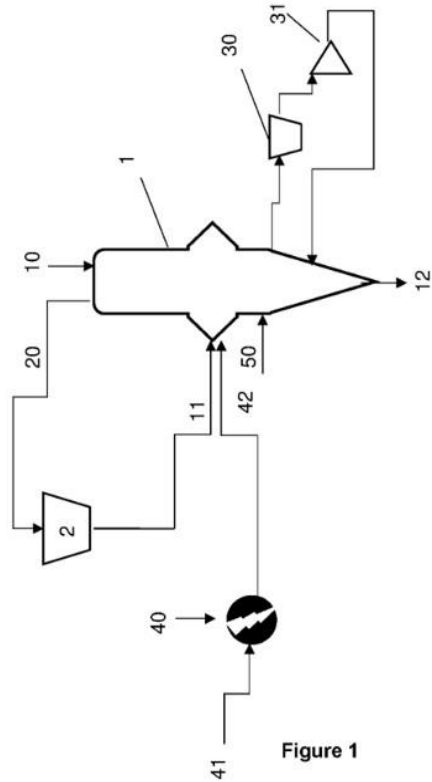


Figure 1

21: 2023/10357. 22: 2023/11/07. 43: 2024/11/14
 51: C07C; C21B; C25B
 71: ARCELORMITTAL
 72: George TSVIK, Dmitri BOULANOV, Jon REYES RODRIGUEZ, Odile CARRIER, Sarah SALAME, José BARROS LORENZO, Marcelo ANDRADE, Dennis LU

54: A METHOD FOR MANUFACTURING DIRECT REDUCED IRON

00: -
 A method for manufacturing direct reduced iron wherein oxidized iron is reduced in a direct reduction furnace by a reducing gas, said oxidized iron being first mixed with biochar to form a solid compound and said solid compound is charged into said direct reduction furnace.

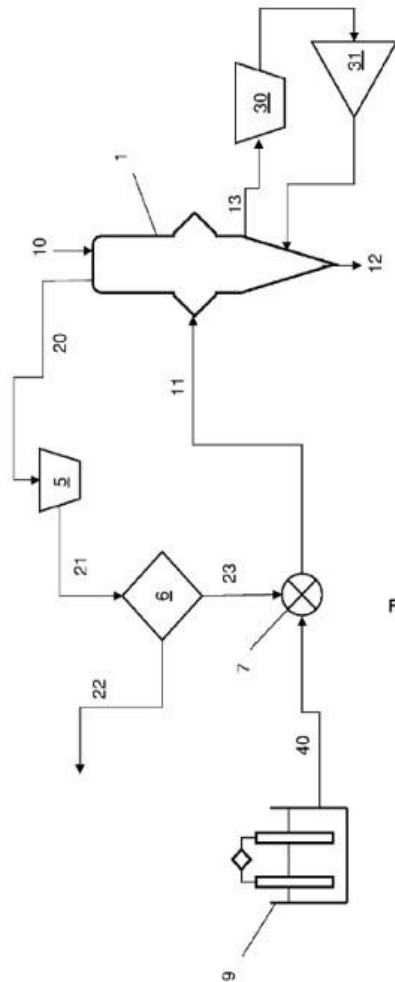


Figure 1

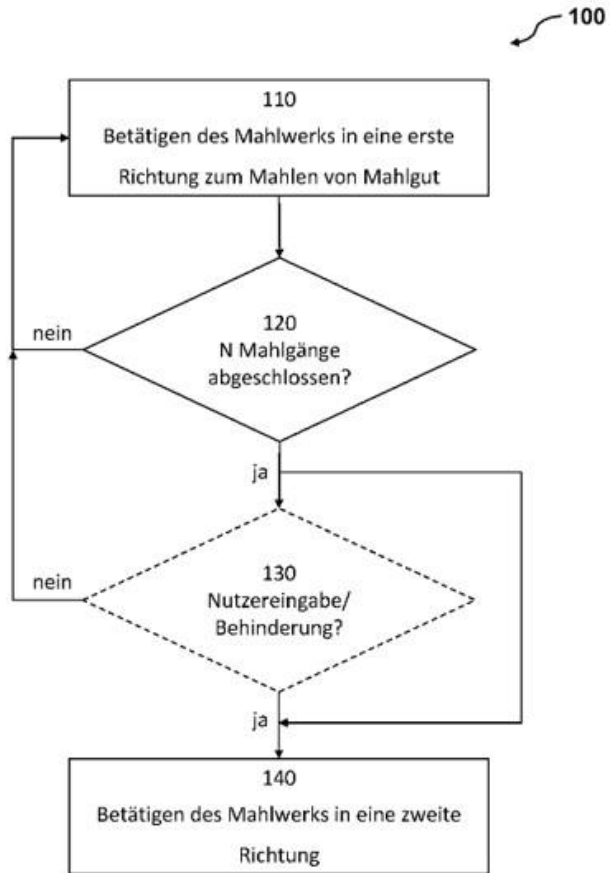


Fig. 1

110 Actuation of the grinding mill in a first direction for grinding the material to be ground
 120 N grinding cycles completed?
 130 Input by the user/constraint
 140 Actuation of the grinding mill in a second direction
 ja = yes
 nein = no

21: 2023/10358. 22: 2023/11/07. 43: 2024/11/14
 51: A47J

71: JURA ELEKTROAPPARATE AG
 72: Philipp BÜTTIKER, Shahryar REYHANLOO
 33: EP 31: 21177220.7 32: 2021-06-01

54: DEVICE AND METHOD FOR GRINDING MATERIAL TO BE GROUND

00: -

The invention relates to a device and a method for grinding material to be ground, the method comprising the steps: actuating the grinding mill in a first direction for grinding the material to be ground, and actuating the grinding mill in a second direction different from the first direction, actuation of the grinding mill in the second direction taking place once the grinding of the material to be ground is completed.

21: 2023/10407. 22: 2023/11/08. 43: 2024/11/14
 51: C07C; C21B

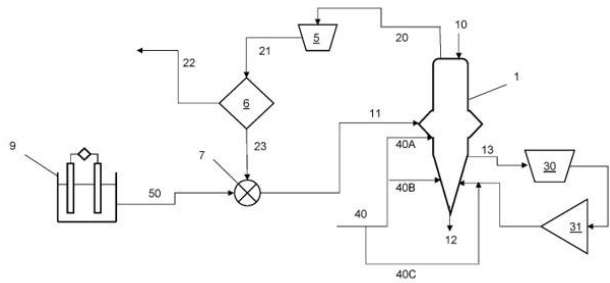
71: ARCELORMITTAL
 72: Sarah SALAME, Odile CARRIER, José BARROS LORENZO, Jon REYES RODRIGUEZ, Marcelo ANDRADE, Dmitri BOULANOV, Dennis LU, George TSVIK

33: IB 31: PCT/IB2021/054583 32: 2021-05-26

54: A METHOD FOR MANUFACTURING DIRECT REDUCED IRON

00: -

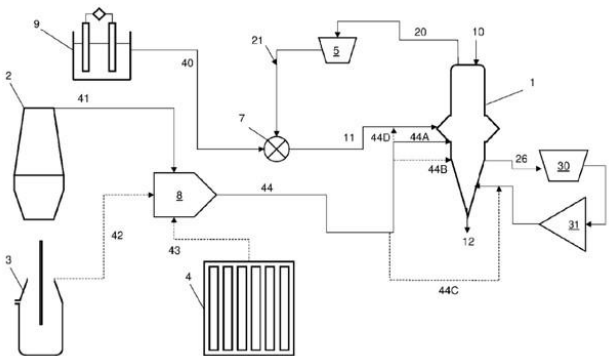
A method for manufacturing direct reduced iron wherein oxidized iron is reduced in a direct reduction furnace by a reducing gas, said direct reduction furnace comprising a reduction zone, a transition zone and a cooling zone, a carbon-bearing liquid being injected below the reduction zone.



21: 2023/10409. 22: 2023/11/08. 43: 2024/11/14
 51: B01D; C21B
 71: ARCELORMITTAL
 72: George TSVIK, Dmitri BOULANOV, Jon REYES RODRIGUEZ, Odile CARRIER, Sarah SALAME, José BARROS LORENZO, Marcelo ANDRADE, Dennis LU

54: OPERATING METHOD OF A NETWORK OF PLANTS

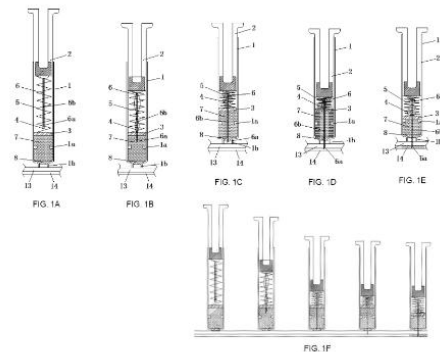
00: -
 A method of operating a network of plants comprising a blast furnace, a direct reduction furnace, a CO2 conversion unit wherein blast furnace top gas is subjected to a CO2 conversion step to produce a liquid carbon product which is injected into the direct reduction furnace.



21: 2023/10412. 22: 2023/11/08. 43: 2024/10/29
 51: A61F
 71: BEIJING SIGHTNOVO MEDICAL TECHNOLOGY CO., LTD
 72: ZHAO, Chan, XIA, Chaoran, LI, Chuan, SUN, Yueguang
 33: CN 31: PCT/CN2021/093650 32: 2021-05-13
54: MEDICAL PENETRATION AND DRAINAGE FOR GLAUCOMA TREATMENT

00: -
 A method and system for treating glaucoma can include positioning an intraocular shunt in eye tissue such that the shunt conducts fluid from the anterior chamber to a target outflow region in the eye, such

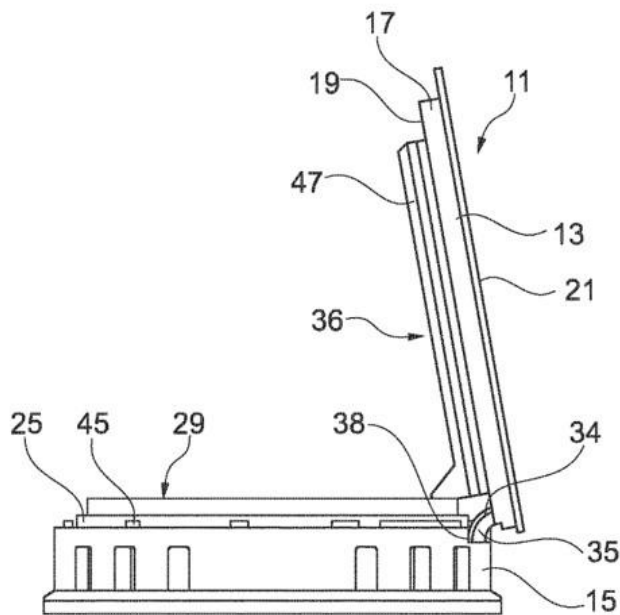
as the suprachoroidal space and/or the subconjunctival space (or outside the conjunctiva).



21: 2023/10442. 22: 2023/11/09. 43: 2024/11/14
 51: B65D
 71: ALPLA WERKE ALWIN LEHNER GMBH & CO. KG
 72: Jürgen BICKEL, Franz-Michael LÄSSER
 33: CH 31: 00592/21 32: 2021-05-26

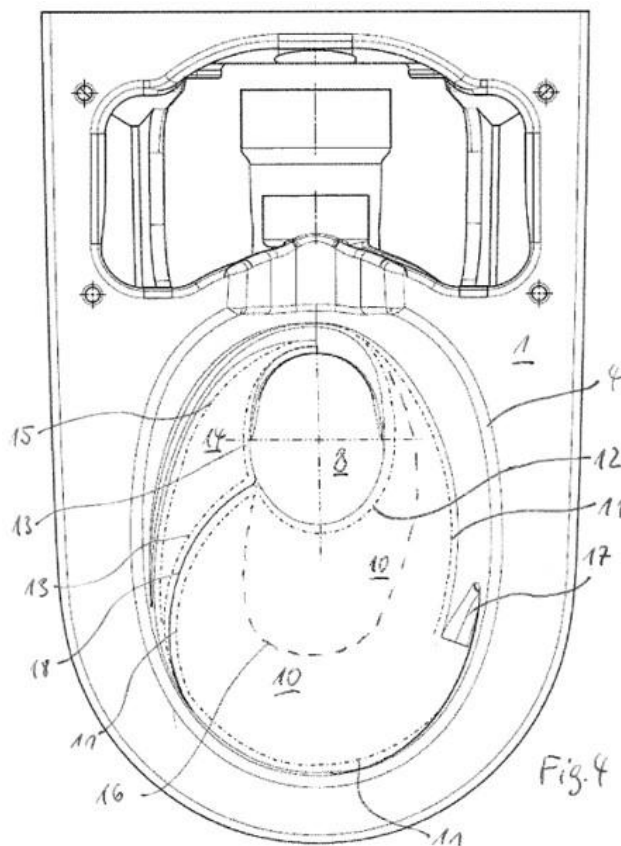
54: CONTAINER CLOSURE

00: -
 The invention relates to a container closure (11) for closing a pouring opening (29) of a container (27) which is filled with a liquid, having a closure cap (13) with a free edge (19), a shell (17) and a top plate (21), a tamper-evident ring (23) which is designed to be retained form-fittingly on a container neck (25) of the container, and a retaining element (31a, 31b, 35) with a first and a second end, wherein the first end is firmly connected to the free edge (25) of the closure cap (15) and the second end is firmly connected to the tamper-evident ring (15). The closure cap (13) is transferable from a closure position, in which it closes the pouring opening (29), into an open position, in which it fully opens up the pouring opening (29), and vice versa. Provided on the inner side, which comes into contact with liquid, of the top plate (21) is an adhesion surface (36) for improving the adhesion of liquid.



51: E03D
 71: GEBERIT INTERNATIONAL AG
 72: Rolf WEISS
 33: EP 31: 21189636.0 32: 2021-08-04
54: TOILET HAVING A SPECIFIC INNER BOWL SHAPE

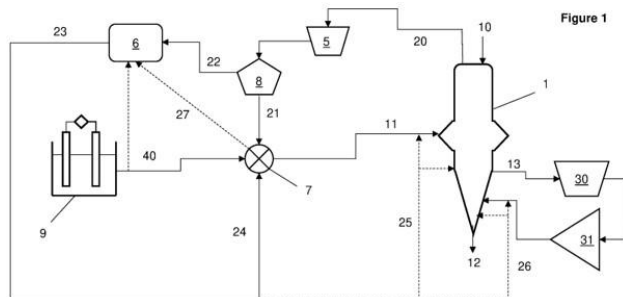
00: -
 The invention relates to a toilet the inner bowl shape of which has a first flow path (10) that moves circularly all around a water level (8) and has a descending course and is terminated by a leading-edge structure (18), the leading-edge structure (18) diverting part of the flush water flow towards inwards to a center region of the water level (8).



21: 2023/10476. 22: 2023/11/10. 43: 2024/11/14
 51: C21B
 71: 24-26, Boulevard d'Avranches
 72: George TSVIK, Dmitri BOULANOV, Jon REYES RODRIGUEZ, Odile CARRIER, Sarah SALAME, José BARROS LORENZO, Marcelo ANDRADE, Dennis LU

54: A METHOD FOR MANUFACTURING DIRECT REDUCED IRON

00: -
 A method for manufacturing direct reduced iron wherein iron ore is reduced in a direct reduction furnace by a reducing gas, the reducing gas exiting the furnace through the top as a top reduction gas. The top reduction gas is captured and at least partly subjected to a CO₂ recovery step during which it is divided into two streams, a CO₂-rich stream and a CO₂-poor stream. The CO₂-rich stream is subjected to an hydrocarbon production step to produce an hydrocarbon product.



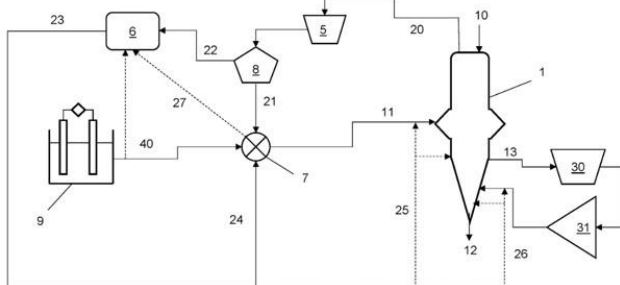
21: 2023/10526. 22: 2023/11/13. 43: 2024/11/14
 51: C21B
 71: ARCELORMITTAL
 72: Sarah SALAME, Odile CARRIER, José BARROS LORENZO, Jon REYES RODRIGUEZ, Marcelo ANDRADE, Dmitri BOULANOV, Dennis LU, George TSVIK

54: A METHOD FOR MANUFACTURING DIRECT REDUCED IRON

00: -

21: 2023/10524. 22: 2023/11/13. 43: 2024/11/14

A method for manufacturing direct reduced iron wherein iron ore is reduced in a direct reduction furnace by a reducing gas, the reducing gas exiting the furnace through the top as a top reduction gas. The top reduction gas is captured and at least partly subjected to a CO₂ recovery step during which it is divided into two streams, a CO₂-rich stream and a CO₂-poor stream. The CO₂-rich stream is subjected to an alkanol production step to produce an alkanol product.



21: 2023/10563. 22: 2023/11/14. 43: 2024/11/14
 51: A47J
 71: JURA ELEKTROAPPARATE AG
 72: Christoph GROB
 33: EP 31: 21177222.3 32: 2021-06-01
54: METHOD FOR GRINDING MATERIAL TO BE GROUND

00: -
 The invention relates to a method for grinding material to be ground, using at least one grinding mill of a coffee machine, the method comprising the steps: determining an actual grind level of the grinding mill; determining a target grind level of the grinding mill; automatically comparing the actual grind level with the target grind level; and automatically outputting information to a user of the grinding mill according to the comparison of the actual grind level with the target grind level.

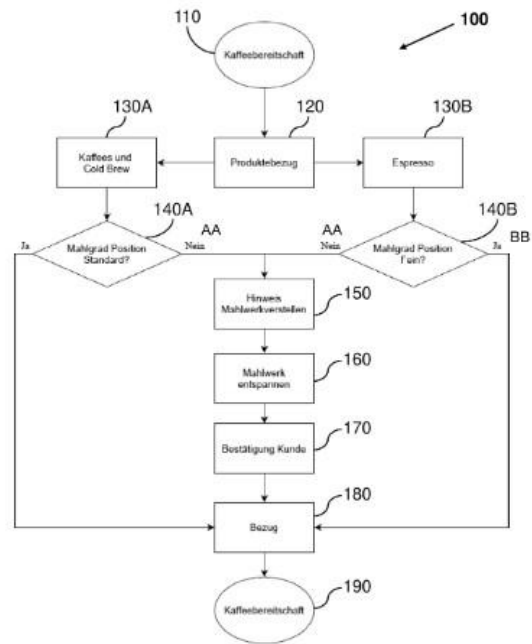


Fig. 1

AA
 BB

21: 2023/10564. 22: 2023/11/14. 43: 2024/11/18
 51: A61K; A61P
 71: LABORATOIRES S.M.B.
 72: Philippe BAUDIER, Thami SEBTI, Romain MERLOS
 33: EP 31: 1181419.9 32: 2021-06-24
54: NEW DRY POWDER COMPOSITION OF TIOTROPIUM FOR INHALATION

00: -
 The present invention relates to a method of treating chronic lung diseases such as chronic obstructive pulmonary disease (COPD) by administering a therapeutically effective amount of inhaled tiotropium bromide in the form of a respirable dry powder composition administrable through a dry powder inhaler. The composition comprises tiotropium within a mixture of a coarse and a fine carrier, wherein the ratio of the components is such that the fine particle dose (FPD) of tiotropium is comprised between 1.7 µg and 3.7 µg for an administered dose of 12 µg or less.

21: 2023/10565. 22: 2023/11/14. 43: 2024/11/18
 51: C21D; C22C
 71: ARCELORMITTAL
 72: Marion FROTEY, Bernard RESIAK

54: METHOD FOR PRODUCING A STEEL PART AND STEEL PART

00: -

Method for producing a steel part comprising by weight: $0.05\% \leq C \leq 0.15\%$, $0.01\% \leq Si \leq 1\%$, $1.2\% \leq Mn \leq 2\%$, $0.1\% \leq Cr \leq 2\%$, $0.001 \leq Al \leq 0.1\%$, $0.003\% \leq N \leq 0.01\%$, $0 \leq S \leq 0.015\%$, $0 \leq P \leq 0.015\%$, $0 \leq Ni \leq 1\%$, $0 \leq B \leq 0.01\%$, $0 \leq Mo \leq 1\%$, $0 \leq Ti \leq 0.04\%$, $0 \leq Nb \leq 0.1\%$, $0 \leq V \leq 0.5\%$ the remainder consisting of iron and unavoidable impurities, annealing this semi-finished product at an annealing temperature strictly lower than the Ac1 temperature of the steel; cooling it down to room temperature; cold forming the semi-finished product into a cold formed product; subjecting the cold formed product to a heat treatment comprising heating the cold formed product to a heat treatment temperature greater than or equal to the full austenitisation temperature Ac3 of the steel; and quenching to room temperature; optionally reheating the product at a holding temperature from 180°C to 400°C for a time from 15 minutes to 2 hours.

21: 2023/10843. 22: 2023/11/24. 43: 2024/08/29

51: A61K; A61P; C07D

71: Artax Biopharma Inc.

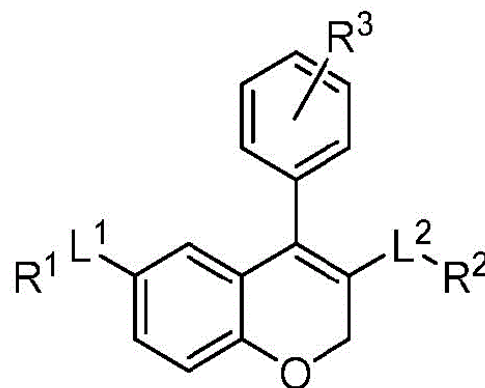
72: CASTRO, Julio, GAGETE MATEOS, Andrés, MACHIN, Peter J., VANDEUSEN, Christopher Loren

33: US 31: 62/635,834 32: 2018-02-27

54: CHROMENE DERIVATIVES AS INHIBITORS OF TCR-NCK INTERACTION

00: -

The present invention provides compounds that modulate the interaction of TCR with Nck, compositions thereof, and methods of treatment using the same.

**I**

21: 2023/11076. 22: 2023/11/30. 43: 2024/11/13

51: H01M

71: XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD.

72: HUANG, Hanchuan

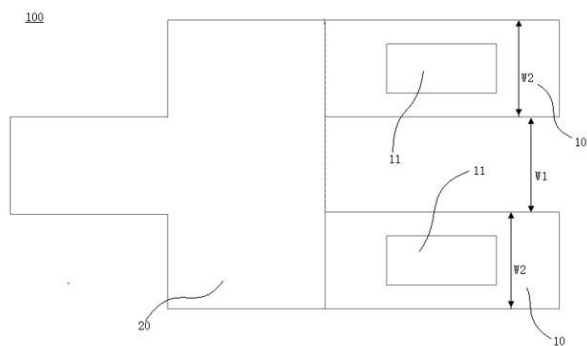
33: CN 31: 202211391375.6 32: 2022-11-08

54: DESIGN METHOD FOR CONNECTION SHEET, CONNECTION SHEET, ENERGY STORAGE DEVICE AND ELECTRIC DEVICE

00: -

The disclosure provides a design method for a connection sheet, a connection sheet, an energy storage device, and an electric device. The design method for the connection sheet includes: an area S of a welding region, connectable to a tab, of the connection sheet is obtained; the connection sheet is divided into a first effective region and a second effective region, where the first effective region is a region, having a regular shape, of the connection sheet, the second effective region is a region, connectable to a terminal post, of the connection sheet, the first effective region (10) is implemented as N first effective regions (10), $N \geq 1$, and multiple first effective regions (10) are connected on the same side of the second effective region (20); a gauge size of the first effective region is determined according to $S = a * S1$, a being in a range of 0.095~0.96, and S1 being an area of the first effective region. Thus, an area of the welding region, connectable to a tab, of the connection sheet satisfies the overcurrent requirement, and gauge size of the first effective region is reasonable, so that design redundancy may be avoided, verification times in a design process is reduced. Moreover, the

gauge size of the connection sheet is reasonable, so that the production cost may be reduced.



21: 2024/00121. 22: 2024/01/02. 43: 2024/08/30
 51: A01N; A61K
 71: AgroSustain SA
 72: DUBEY, Olga, DUBEY, Sylvain, GUIGNARD, Florian, PEDRAZZETI, Matteo
 33: EP(CH) 31: 21183776.0 32: 2021-07-05
54: SYNERGY BETWEEN MIXTURES OF ISOTHIOCYANATES AND COMMERCIAL FUNGICIDES

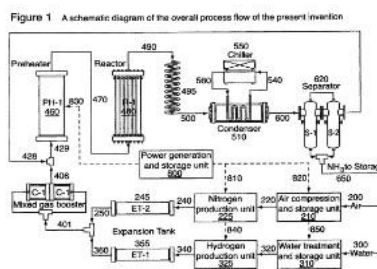
00: -
 The present invention relates to fungicidal mixtures of isothiocyanate derivatives and commercial fungicides, and to compositions comprising such mixtures and methods for using such mixtures as fungicides.

21: 2024/00124. 22: 2024/01/02. 43: 2024/09/30
 51: A61K; C12N
 71: JOINT STOCK COMPANY "BIOCAD"
 72: FEDORENKO, Lina Igorevna, LOMKOVA, Ekaterina, Aleksandrovna, IAKOVLEV, Aleksandr Olegovich, SOZONOVA, Aleksandra Aleksandrovna, DVORIANKINA, Marina Konstantinovna, MOROZOV, Dmitry Valentinovich
 33: RU 31: 2021120143 32: 2021-07-08
54: PHARMACEUTICAL COMPOSITION OF NON-ENVELOPED VIRUS

00: -
 The present invention relates to the field of pharmaceuticals, gene therapy and medicine, specifically to pharmaceutical compositions of a vector based on recombinant non-enveloped virus, in particular the recombinant adeno-associated virus (rAAV), which compositions may be aqueous or lyophilized compositions and may be used for the treatment and prevention of various diseases.

21: 2024/00253. 22: 2024/01/08. 43: 2024/11/11
 51: C01B; C01C; C25B
 71: FUELPOSITIVE CORPORATION
 72: DINCER, Ibrahim, CHEHADE, Ghassan, SIDDIQUI, Osamah, ISHAQ, Haris
 33: US 31: 63/197,884 32: 2021-06-07
 33: US 31: 17/826,641 32: 2022-05-27
54: MODULAR, TRANSPORTABLE CLEAN HYDROGEN-AMMONIA MAKER

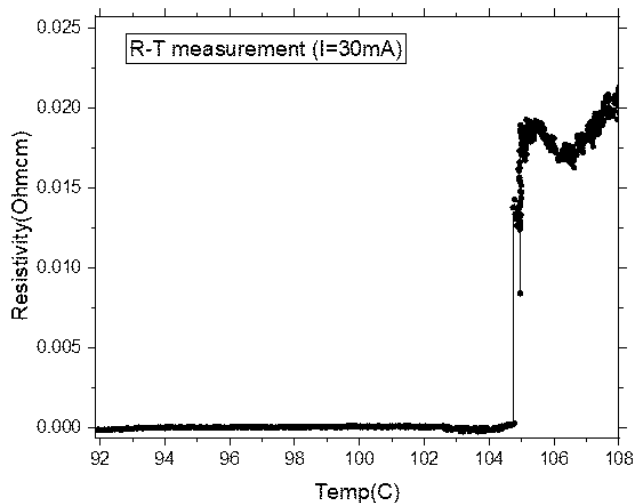
00: -
 A containerized system for producing anhydrous ammonia from air, water and a power source, includes a containerized hydrogen production unit that produces hydrogen gas from a water source by low temperature electrolyser, high temperature electrolyser, battolyser or by other methods; a containerized nitrogen production unit comprising an onboard air compression and storage unit that produces and stores pressurized air, a pressure swing adsorption process or other methods that use regenerative molecule that does not need any maintenance, which intakes compressed air and produces nitrogen gas through a series of adsorption and desorption processes, or other such methods of producing nitrogen from air; a containerized ammonia production unit comprising a gas booster that increases the pressure of a mixture of the hydrogen gas and the nitrogen gas using the pressurized air; a multi-reactor assembly joint in series or in parallel; and a recycle loop that separates the ammonia from unreacted gases.



21: 2024/00529. 22: 2024/01/16. 43: 2024/10/02
 51: C04B; H01L
 71: QUANTUM ENERGY RESEARCH CENTRE (Q-CENTRE)
 72: LEE, Sukbae, KIM, Ji Hoon
 33: KR 31: 10-2021-0112104 32: 2021-08-25
54: ROOM-TEMPERATURE AND AMBIENT-PRESSURE SUPERCONDUCTING CERAMIC AND METHODS FOR PRODUCING THE SAME

00: -

Disclosed are a superconducting ceramic and methods for producing the same. The superconducting ceramic is represented by Formula 1, which is described in the specification. The methods are suitable for producing the superconducting ceramic. The superconducting ceramic exhibits superconductivity at room temperature and ambient pressure.



21: 2024/00654. 22: 2024/01/18. 43: 2024/09/03

51: H01R; H02G; H02S

71: Viridian Solar Limited

72: ELMES, Stuart, TAN, Kok Thong, ADAMS, Thomas

33: GB 31: 2109882.7 32: 2021-07-08

54: FIRE ENCLOSURE

00: -

There is provided an apparatus for an enclosure of a direct current connection of a photovoltaic solar panel, the apparatus comprising: a housing comprising at least two parts that, when joined together, form a chamber for surrounding mating direct current connectors with an air gap, the housing comprising at least one support structure for positioning the direct current connectors in a central part of the chamber.

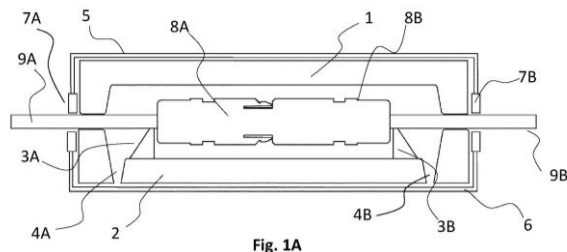


Fig. 1A

21: 2024/00798. 22: 2024/01/23. 43: 2024/08/27

51: A61K; B01J; C11D

71: Givaudan SA

72: CHARBONNIER, Antoine

33: GB 31: 2111712.2 32: 2021-08-16

54: IMPROVEMENTS IN OR RELATING TO ORGANIC COMPOUNDS

00: -

Described is an encapsulated composition comprising at least one core-shell microcapsule. The at least one core-shell microcapsule comprises a core comprising at least one benefit agent and a shell surrounding the core. The shell comprises a hydrated polymer phase and a polymeric stabilizer at an interface between the shell and the core. Disclosed are also a method for preparing such an encapsulated composition and a use of such a composition to enhance the performance of a benefit agent in a consumer product.

21: 2024/01073. 22: 2024/02/01. 43: 2024/08/30

51: C12C; C12H

71: Heineken Supply Chain B.V.

72: BROUWER, Eric Richard, BEKKERS,

Augustinus Cornelius Aldegonde Petrus Albert

33: EP(NL) 31: 21189316.9 32: 2021-08-03

54: PROCESS OF MANUFACTURING A LIQUID BEER CONCENTRATE

00: -

The present invention relates to a process of manufacturing a liquid alcoholic beer concentrate, said process comprising: providing a low alcohol beer having an ethanol content of 0-1 % ABV, a free amino nitrogen content of 8-400 mg/L and containing 0.1-4 g/L maltotriose and 0.5-6 g/L of maltotetraose; removing at least 70 wt.% of the water present in the low alcohol beer by means of membrane separation to produce a low alcohol beer concentrate, wherein the membrane separation is selected from nanofiltration, reverse osmosis and forward osmosis; combining the low alcohol beer concentrate with alcoholic liquid having an ethanol content of at least

30 wt.% to produce a liquid alcoholic beer concentrate having a an ethanol content of 10-60 wt.%. The present process offers the advantage that it is relatively easy to operate, whilst at the same time losses of small organic molecules (e.g. acids) are minimised effectively.

21: 2024/01098. 22: 2024/02/02. 43: 2024/08/30
51: E21B

71: Dv Technology SpA

72: GONZÁLEZ MENDILAHAXOU, José Damián

54: AUTOMATIC SYSTEM AND METHOD FOR EXCHANGING, STORING AND LUBRICATING TRICONE BITS

00: -

The invention relates to an automated system (100) and method for removing and installing drill bits or tricone bits that is safe, with low energy consumption and adaptable to existing drilling systems (1) and break-out wrenches (2), comprising: a base structure (101) that is attached to the drilling system (1); a mobile table (102) that moves on a base structure (101) for replacing tricone bits (103); a handling system (104) located on the base structure (101) for moving the tricone bits (103) from the mobile table (102) to the drilling system (1); where the handling system (104) comprises: a hoisting structure (106) comprising a hoisting claw (105) for lifting the tricone bits (103) or a tricone bit cutter holder (107) or a centring ring (108); means for moving the hoisting claw (105); and lifting means for the hoisting structure (106); the tricone bit cutter holder (107); the break-out wrench (2) is located in the drilling system (1) so as to rotate the drill rods; the centring ring (108) for centring the tricone when rotational force is applied with the break-out wrench (2); means (131) for lubricating the thread of the tricone bits (103); control means (200) that define the movement and synchronise the mobile table (102), the handling system (104) and the break-out wrench (2); and sensors, that supply data to the control means (200) on the location of the mobile table (102), the handling system (104), the hoisting claw (105) and the break-out wrench (2).

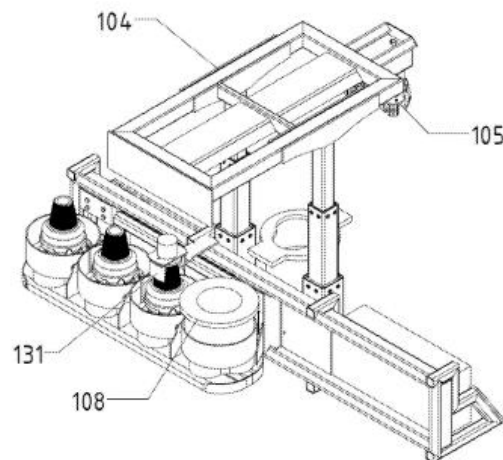


Fig. 2

21: 2024/01143. 22: 2024/02/05. 43: 2024/08/30
51: A41D; A62B; D02G; D03D

71: Southern Mills, Inc.

72: SELF, Robert, PICKERING, Keith Edward

33: US 31: 63/231,528 32: 2021-08-10

54: FLAME RESISTANT FABRICS

00: -

Flame resistant fabrics formed with fiber blends that provide the requisite flame and thermal protection but that have improved durability. This is accomplished with the use of fiber blends that include relatively large percentages of FR nylon fibers in combination with cellulosic and inherently flame resistant fibers.

21: 2024/01218. 22: 2024/02/07. 43: 2024/08/30
51: B01D; C02F

71: Renew Health Limited

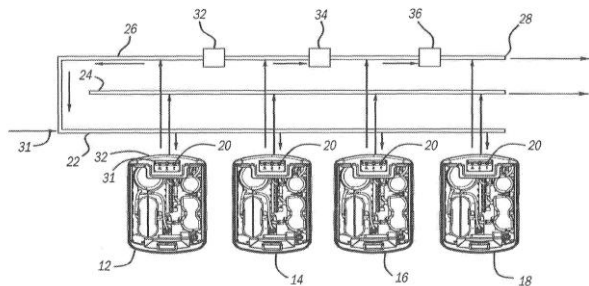
72: TALLY, William, DUPUIS, Jeffrey

33: US 31: 63/219,422 32: 2021-07-08

54: SYSTEMS AND METHODS FOR RECYCLING WATER

00: -

The disclosure relates to systems and methods for recycling water to optimize water treatment. The systems and methods are generally applicable to water treatment where a concentrate fraction is produced, such as water treatment systems that have reverse osmosis components.

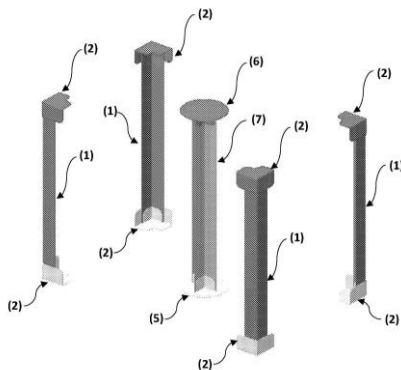


21: 2024/01244. 22: 2024/02/08. 43: 2024/08/30
51: B65D

71: STANLEY CALVO, Roberto Tomás
72: STANLEY CALVO, Roberto Tomás
33: CL 31: 2364-2021 32: 2021-09-09

54: REINFORCEMENT SYSTEM AND METHOD FOR SUPPORTING STACKED BOXES AND CONTAINERS

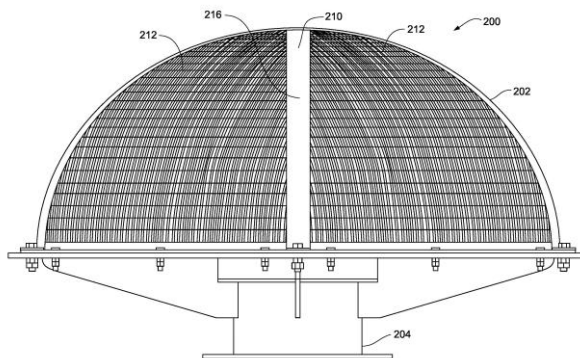
00: -
The present invention relates to a reinforcement system and method for supporting stacked boxes and containers, without damaging the content or the containers. The system comprises at least one post element (1) and at least one end-shoulder element (2), wherein the at least one post element (1) is arranged at at least one corner of a stack formed by the containers, and wherein the at least one end-shoulder element (2) is arranged at the bottom and top ends of each vertical corner of the stack of containers, the dimension of the post element (1) being smaller than the measurement of the sum of the heights of the containers along a vertical corner of the stack of containers between the end-shoulder elements (2), such that the boxes or containers absorb part of the load before the post element (1) makes contact with the top end shoulder.



21: 2024/01304. 22: 2024/02/12. 43: 2024/09/03

51: B01D; E02B
71: Johnson Screens, Inc.
72: BERG, Warren, BERTELSON, Daryn, VISSER, Denys
33: US 31: 63/227,851 32: 2021-07-30
54: SCREEN INTAKE

00: -
An intake screen assembly having a domed or dome-like upper screen structure mounted above a central intake structure. The domed or dome-like upper screen structure is constructed such that an interior portion closely conforms to a key flow velocity isosurface without requiring additional internal flow controls or flow modifying structures to achieve desired flow velocities at any point on a screen surface. The central intake structure can define an upper flange surface to which the domed or dome-like upper screen structure is operably coupled. The domed or dome-like upper screen structure can be mounted to a perimeter of the central intake structure at a point spaced away from an intake opening. The domed or dome-like upper screen structure can include a plurality of arcuate or flat filter screen panels. An air burst system can be attached to the central intake structure to backwash the domed or dome-like upper screen structure.

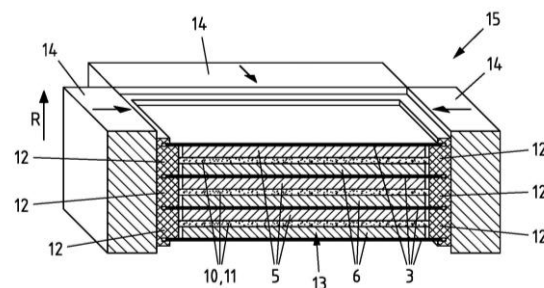
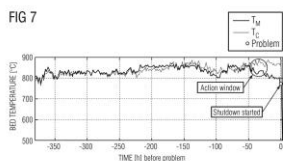
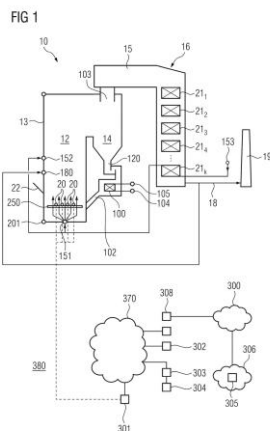


21: 2024/01306. 22: 2024/02/12. 43: 2024/08/30
51: F23C; F23N
71: Sumitomo SHI FW Energia Oy
72: LIUKKONEN, Mika, MIETTINEN, Jouni, KETTUNEN, Ari
33: PCT/EP(FI) 31: 2021/074840 32: 2021-09-09
54: METHOD FOR DETERMINING A LOCAL TEMPERATURE ANOMALY IN A FLUIDIZED BED OF A REACTOR, METHOD FOR CALIBRATING A NUMERICAL MODEL OF A FLUIDIZED BED OF A REACTOR, METHOD FOR ESTIMATING RISK OF FLUIDIZED BED REACTOR BED SINTERING,

METHOD OF CONTROLLING A FLUIDIZED BED REACTOR, AS WELL AS A REACTOR

00: -

To improve the control of a fluidized bed reactor system (10), certain methods related to the condition monitoring of fluidized bed are suggested. In the method of controlling a fluidized bed reactor system (10), for example, local bed temperature anomalies and/or a bed sintering index is/are monitored; upon detecting a local bed temperature anomaly and/or bed sintering index exceeding a predefined criterion, automatically adjusting reactor system (10) operation and/or indicating the operator that a local bed temperature anomaly and/or a bed sintering condition is detected.



21: 2024/01372. 22: 2024/02/14. 43: 2024/08/30

51: C07C; C08G

71: Suzhou Oulit Biopharm Co., Ltd.

72: ZHANG, Jian

33: CN 31: 202110837472.2 32: 2021-07-23

54: SUPRAMOLECULAR AMINO ACID OR SALT THEREOF, AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF

00: -

A preparation method for an N-long-chain acyl amino acid dipeptide, supramolecular amino acid and corresponding salts thereof, capable of controlling the occurrence of structural reconstruction and controlling the content of long-chain fatty acid. Further provided are a supramolecular amino acid and salts thereof, as well as an application in the fields of daily chemicals and the like.

21: 2024/01338. 22: 2024/02/13. 43: 2024/08/30

51: H01M

71: Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

72: WILHELM, Lukas, BURFEIND, Jens, DÖTSCH, Christian

33: DE 31: 10 2021 118 183.6 32: 2021-07-14

54: WELDED ELECTROCHEMICAL REACTOR AND METHOD FOR THE PRODUCTION THEREOF

00: -

An electrochemical reactor (1) is described and shown, in particular a fuel cell, electrolyser, redox-flow battery, accumulator or battery, with a cell stack (Z) comprising a plurality of cells (2) stacked in a stacking direction (R) and separated from one another by means of at least one bipolar plate (3, 4), wherein the cells (2) each have two electrodes (5, 6) and a separator (10), which is arranged between the two electrodes (5, 6) and provides an electrolyte (11), wherein the electrodes (5, 6) and the separator

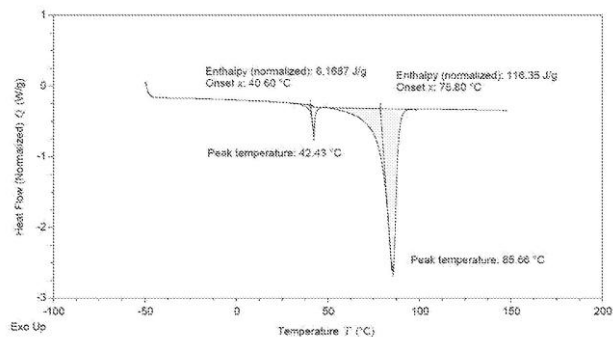


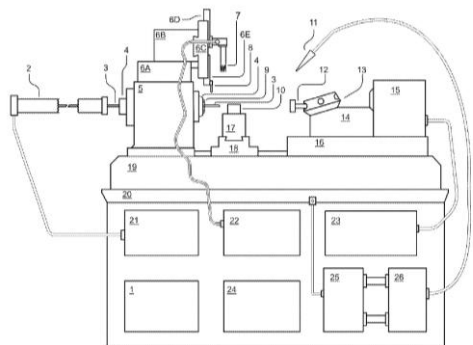
图 10

21: 2024/01422. 22: 2024/02/16. 43: 2024/08/30
 51: B21D; B21J; B23Q; B33Y
 71: Scofast LLC

72: FEIED, Craig F., GREIMES, Christopher G.
 33: US 31: 63/224,773 32: 2021-07-22

54: SYSTEM AND METHOD TO PERFORM DISSIMILAR OPERATIONS IN A SINGLE MACHINE

00: -
 A spatially coherent machine for manufacturing comprises, in one example, a workpiece holder configured to secure a workpiece, a toolholder with at least one axis of motion control configured to perform a subtractive machining operation on the workpiece using a machining tool, a heating element configured to perform a heating operation on the workpiece, and a forming element configured to perform a forming operation in which force is applied to the workpiece in an amount that causes plastic deformation of the workpiece material. The workpiece holder secures the workpiece during the heating, forming, and subtractive operations such that the forming and subtractive operations are performed in a spatially coherent manner.



21: 2024/01425. 22: 2024/02/16. 43: 2024/09/03
 51: B01D; B01J; C01F

71: Rhodia Operations
 72: HERNANDEZ, Julien, YAGLIDERE, Oguzhan, HARLE, Virginie, IFRAH, Simon
 33: EP(FR) 31: 21315134.3 32: 2021-07-30
54: COMPOSITION OF ALUMINIUM OXIDE AND CERIUM OXIDE

00: -
 The invention relates to a composition which is: - a composition C1 which is based on Al and Ce in the form of oxides; or - a composition C2 which is based on Al, Ce and La in the form of oxides, with the following proportions: - the proportion of CeO₂ is between 5.0 wt% and 35.0 wt%; - the proportion of La₂O₃ (for composition C2 only) is between 0.1 wt% and 6.0 wt%; - the remainder being Al₂O₃; and exhibiting a specific porosity profile and exhibiting the following properties: - a mean size of the crystallites after calcination in air at 1100°C for 5 hours (denoted D_{1100°C-5h}) which is lower than 45.0 nm; - a mean size of the crystallites after calcination in air at 900°C for 2 hours (denoted D_{900°C-2h}) which is lower than 25.0 nm; and an increase ΔD of the mean size of the crystallites lower than 30.0 nm, ΔD being calculated with the following formula: ΔD = D_{1100°C-5h} - D_{900°C-2h}; the mean size of the crystallites being obtained by XRD from the diffraction peak [111] of the cubic phase corresponding to cerium oxide, generally present at 2θ between 28.0° and 30.0°.

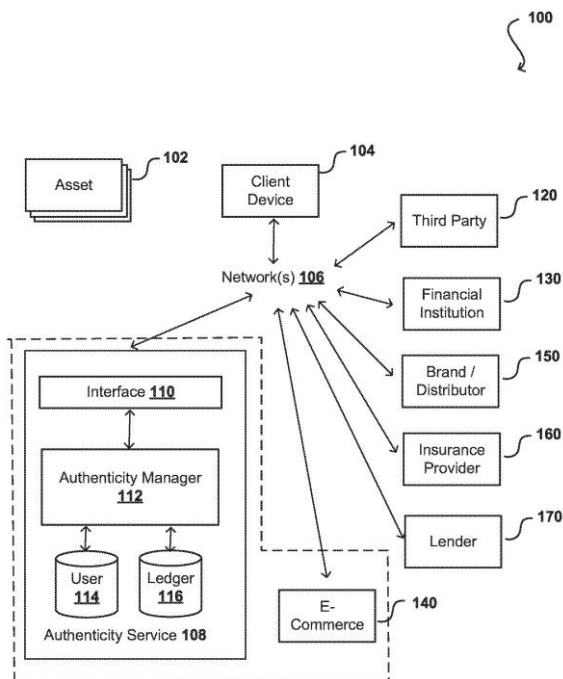
21: 2024/01491. 22: 2024/02/20. 43: 2024/09/17
 51: A61K; A61P
 71: Beiersdorf AG
 72: BLECKMANN, Andreas, SELLCKAU, Sabine, WISCHHÖFER, Svea
 33: DE 31: 102023201528.5 32: 2023-02-21
54: BODY MILK

00: -
 A body milk for improved skin moisture level comprises hyaluronic acid and/or salts thereof, PEG-40 Sorbitan Perisostearate and Polyglyceryl-3 Diisostearate and Tocopherol, and one or more lipids selected from isopropyl palmitate, isododecane, almond oil, the preparation being free of BHT.

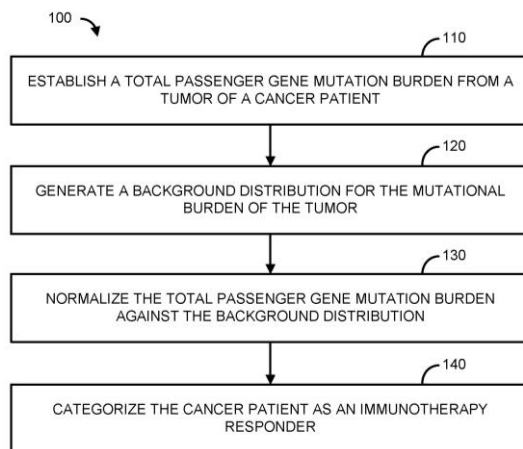
21: 2024/01543. 22: 2024/02/21. 43: 2024/08/27
 51: G06Q
 71: Mars 8 and Co, London, Ltd
 72: PECORARO, Julien Marc
 33: US 31: 63/226,012 32: 2021-07-27
54: SYSTEMS AND METHODS FOR ASSET AUTHENTICATION AND MANAGEMENT

00: -
 Distributed ledgers can be used to store information about assets of value, where that information may

include model, serial number, or other information that can be used to authenticate those assets. The ledger can also include other information, such as ownership, service history, market value, condition, liens, and the like. This information can be used to authenticate an item and verify ownership, which can be important for tasks such as resale, insurance, obtaining credit, or investment.



distribution. When the cancer patient is an immunotherapy responder, the patient may be administered an immunotherapy regimen that comprises activation/inhibition of T cell receptors that promote T cell activation and/or prolong immune cytolytic activities.



21: 2024/01565. 22: 2024/02/22. 43: 2024/10/24
51: C12Q

71: REGENERON PHARMACEUTICALS, INC.
72: LIM, Wei Keat

33: US 31: 62/560,955 32: 2017-09-20

54: IMMUNOTHERAPY METHODS FOR PATIENTS WHOSE TUMORS CARRY A HIGH PASSENGER GENE MUTATION BURDEN

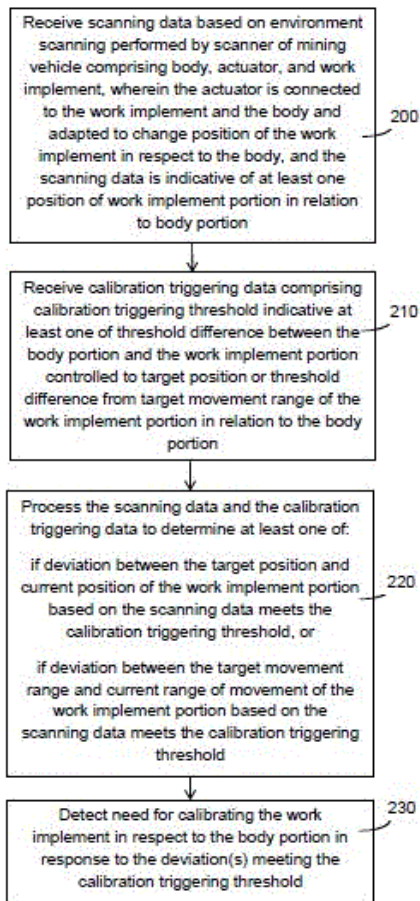
00: -
Methods for selecting a cancer patient for immunotherapy comprise establishing a total passenger gene mutation burden from a tumor of a cancer patient, generating a background distribution for the mutational burden of the tumor, normalizing the total passenger gene mutation burden against the background distribution, and categorizing the cancer patient as an immunotherapy responder when the total passenger gene mutation burden is greater than the mean of the background

21: 2024/01600. 22: 2024/02/23. 43: 2024/08/30
51: E02F; G01S

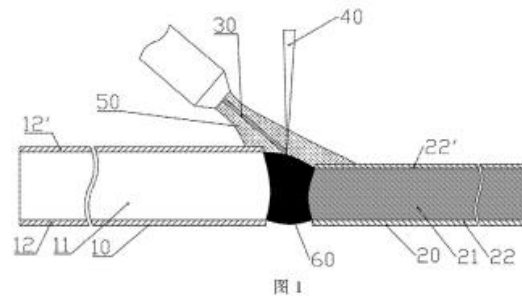
71: Sandvik Mining and Construction Oy
72: SNELLMAN, Olli, SVENSBURG, Ville
33: EP(FI) 31: 23158445.9 32: 2023-02-24

54: MINING VEHICLE CALIBRATION

00: -
According to an example aspect, there is provided a method for a mining vehicle comprising a body, a work implement, and a scanner, comprising: receiving scanning data based on environment scanning, wherein the scanning data is indicative of a position of a work implement portion in relation to a body portion, receiving calibration triggering data comprising a calibration triggering threshold, for detecting a need for calibrating the work implement, processing the scanning data and the calibration triggering data to determine at least one of: - if a deviation between the target position and a current position of the work implement portion based on the scanning data meets the threshold, or - if a deviation between a target movement range and a current range of movement of the work implement portion based on the scanning data meets the threshold.



controlling the content of free aluminum in a weld seam to be 0.1 to 4.0 wt.%, which prevents the production of iron-aluminum intermetallic compounds in the weld seam during a tailor welding process while ensuring that an appropriate amount of ferrite which is distributed in a dispersed manner is produced in the weld seam. The weld seam structure of the obtained tailor-welded part is +1 to 15 vol.% martensite, +0 to 5 vol.% ferrite which is distributed in a dispersed manner, and the remainder is austenite. The weld seam structure of the hot-stamped part obtained via hot stamping is +0.1 to 10 vol.% martensite, and ferrite which is distributed in a dispersed manner.



21: 2024/01620. 22: 2024/02/23. 43: 2024/08/29
 51: B23K
 71: Baoshan Iron & Steel Co., Ltd.
 72: PAN, Hua, LIU, Chengjie, WU, Tianhai, LEI, Ming, SUN, Zhongqu, JIANG, Haomin, WANG, Shuyang, WU, Yue
 33: CN 31: 202110980317.6 32: 2021-08-25
54: FABRICATION METHOD FOR STEEL THIN-WALLED TAILOR-WELDED PART AND HOT-STAMPED PART PREPARED USING TAILORED-WELDED PART

00: -
 A fabrication method for a steel thin-walled tailor-welded part and a hot-stamped part prepared by using the tailored welded part, the method comprising: using steel plates (10, 10, 20) to be welded which have an aluminum or aluminum alloy coating (12, 12', 22, 22') is used; by means of adjusting the composition of a shielding gas (50) and the composition of a welding wire (30) during a welding process, in combination with the control of the welding speed and wire-feeding speed,

21: 2024/01680. 22: 2024/02/27. 43: 2024/08/30
 51: A61P; C07K

71: Scout Bio, Inc.
 72: BUSFIELD, Samantha J., WILSON, Matthew J.
 33: US 31: 63/239,054 32: 2021-08-31
54: ANTIGEN-BINDING MOLECULES AND USES THEREOF

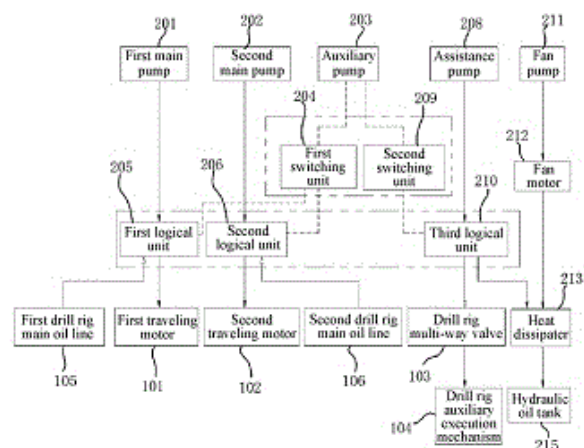
00: -
 The present disclosure relates to an antigen-binding molecule that specifically binds to nerve growth factor (NGF) and uses thereof.

21: 2024/01688. 22: 2024/02/27. 43: 2024/09/03
 51: F15B

71: EPIROC (NANJING) CONSTRUCTION & MINING EQUIPMENT LTD.
 72: ZHAO, JIE, HAN, JIAWEI, YANG, MIN, TAN, GUANGBIN, WANG, SHAOZHONG, ZHU, CHENGYUN, TANG, BUYAN, ZHAO, XIANGWEI, FENG, SHANFEI, CAI, HONGHAO
 33: CN 31: 202110867574.9 32: 2021-07-28
54: POWER SYSTEM AND TRAVELING POWER STATION

00: -
 A power system and a travelling power station, relating to the technical field of engineering

machinery. The power system comprises a first main pump, a second main pump, an auxiliary pump, a first switching unit, a first logic unit, a second logic unit, and a control system; the auxiliary pump is connected to the first switching unit; a first travelling motor is connected to the first logic unit, and a second travelling motor is connected to the second logic unit; the control system is connected to the first switching unit, the first main pump, the second main pump, and the auxiliary pump; and when hydraulic power is provided for a drilling machine, the first main pump is connected to the first logic unit, the second main pump is connected to the second logic unit, the first main pump is used to drive the first travelling motor to operate, and the second main pump is used to drive the second travelling motor to operate. By means of the present invention, hydraulic power can be provided for drilling machine transferring, operation is easy, and danger and costs can be reduced.



21: 2024/01728. 22: 2024/02/28. 43: 2024/09/03

51: A01N; A01P

71: Mendelova univerzita v Brne

72: BYTESNIKOVA, Zuzana, TEKIELSKA, Dorota, PECENKA, Jakub, EICHMEIER, Ales, CECHOVA, Jana, VOJTECH, Adam, RICHTERA, Lukas

33: CZ 31: PV 2021-392 32: 2021-08-24

54: REDUCED GRAPHENE OXIDE DECORATED WITH ZINC AND COPPER OXIDES, METHOD OF PREPARATION THEREOF, AND USE THEREOF

00: -

The present invention relates to a reduced graphene oxide decorated with zinc oxides and copper oxides, containing 20-90 wt.% of zinc and copper as well as to a composition for protecting plants against

Xanthomonas euvesicatoria comprising an aqueous suspension of this reduced graphene oxide decorated with zinc oxide and copper oxides and at least one auxiliary. A method of preparation of the reduced graphene oxide decorated with zinc and copper oxides, and use thereof in agriculture, especially to combat *Xanthomonas euvesicatoria*, are disclosed.

21: 2024/01774. 22: 2024/02/29. 43: 2024/09/03

51: B06B; B07B; F16C

71: FLSmidth A/S

72: GARDINER, Michael, HALANI, Tejas, ALHASSAN, Shanon, SEYMOUR, Clayton, SADLER, Byron, ONG, Gordon

33: DK 31: PA202101001 32: 2021-10-20

54: EXCITER APPARATUS

00: -

An exciter apparatus (10) for a vibrating machine having an exciter body (11) being configured to accommodate a lubricant. The exciter apparatus further has a first bearing comprising an inner bearing portion and an outer bearing portion separated by a number of rollers located in a gap between the inner bearing portion and outer bearing portion. A first shaft (8) is rotatably connected to the exciter body by means of the first bearing. The first shaft has eccentric masses (18a, 18b). The first bearing seat and the outer bearing portion comprising a through hole allowing a fluid to flow through the first bearing seat and the outer bearing portion into the gap. The exciter apparatus further comprising a lubricant provision means configured to provide a lubricant from the lubrication zone to the through hole.

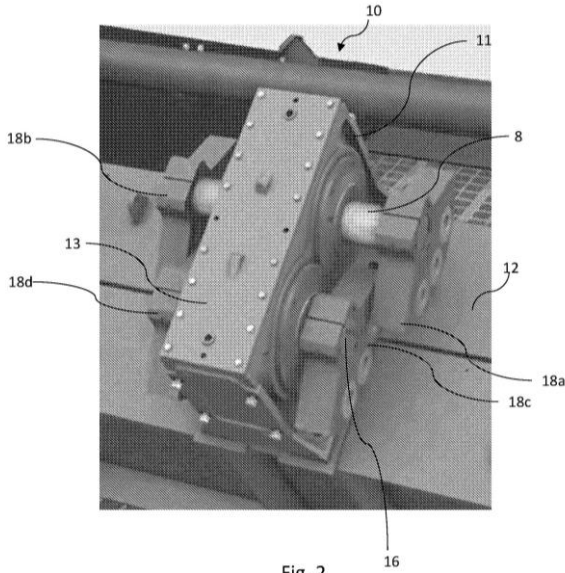


Fig. 2

momentary load, and/or c2ii) automatically reducing the load (Q_h).

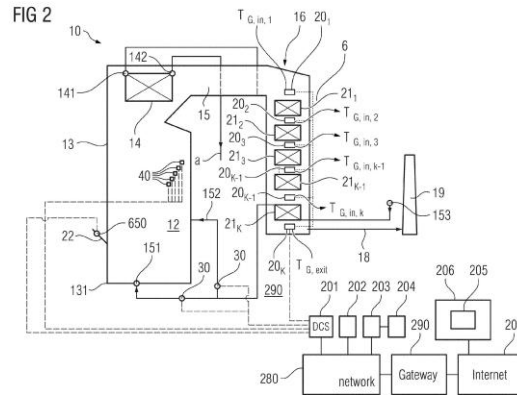
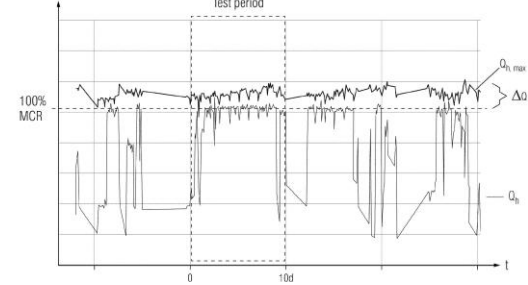


FIG 8



21: 2024/01775. 22: 2024/02/29. 43: 2024/09/03
 51: F22B; F23C; F23N
 71: Sumitomo SHI FW Energia Oy
 72: KETTUNEN, Ari, MIETTINEN, Jouni
 33: PCT/EP(FI) 31: 2021/074838 32: 2021-09-09
54: METHOD OF OPERATING A HEAT RELEASING REACTOR, A HEAT RELEASING REACTOR AND COMPUTATION SYSTEM FOR A HEAT RELEASING REACTOR
 00: -

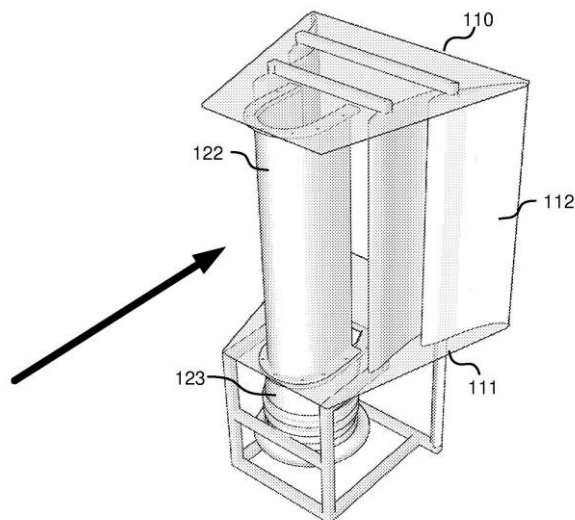
To improve control of a heat releasing reactor, a method is suggested, comprising the steps of: a) monitoring the current load (Q_h) of the heat release reactor; b) finding such a numerical value (Q_h , candidate) for a current computational maximum momentary load (Q_h, \max) for which at least one product gas factor (df_i) computed using currently monitored process data with a numerical model of the reactor fulfills an acceptance condition, and selecting the numerical value (Q_h , candidate) as the current computational maximum momentary load (Q_h, \max); c) indicating the current computational maximum momentary load (Q_h, \max) to the operator and/or, if the current load (Q_h) is c1) smaller than the current computational maximum momentary load (Q_h, \max): c1i) indicating the operator that the load (Q_h) may be increased, and/or c1ii) automatically increasing the load (Q_h), and/or c2) larger than the current computational maximum momentary load (Q_h, \max): c2i) indicating the operator that the load (Q_h) exceeds the current computational maximum

21: 2024/01777. 22: 2024/02/29. 43: 2024/09/03
 51: F03D
 71: Aeromine Technologies, Inc.
 72: WESTERGAARD, Carsten Hein
 33: US 31: 17/458,106 32: 2021-08-26

54: SYSTEMS AND METHODS FOR FLUID FLOW BASED RENEWABLE ENERGY GENERATION

00: -
 A fluid-driven power generation unit, may include two sets of airfoils disposed on opposite sides of the power generation unit with their leading edges facing a windward end of the power generation unit; a body element having a curved front face and a back disposed, wherein at least a portion of the elongate body element is disposed between the first and second set of airfoils; and a power generation unit disposed in alignment with the body element, the power generation unit including at least a housing, and a turbine and an electrical generation unit actuated by the turbine disposed within the housing. As a fluid flows across the airfoils, the lifting force of the airfoils causes a reduced pressure within the

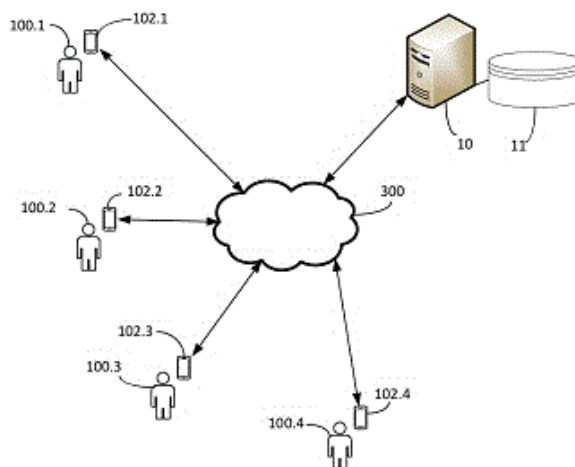
power generation unit, drawing air past the turbine, through the body element and out the back of the body element, thereby extracting power from this secondary fluid flow stream.



21: 2024/01796. 22: 2024/03/01. 43: 2024/09/30
 51: H04H; G06F; G06Q
 71: COMMUNITY PETS (PTY) LTD.
 72: PRETORIUS, JOHANNES WILLEM
54: SYSTEM FOR AND METHOD OF LOCATING LOST PETS/ANIMALS

00: -
 A system for assisting in locating a lost pet/animal or finding the owner/caretaker of a wandering pet/animal which has been found. The system includes a registration module, a lost pet reporting module, a wandering pet reporting module, a broadcasting module and a locating module. The lost pet reporting module receives details of missing pets from registered users. The details include an indication of a geographic location/area where the pet/animal went missing. The wandering pet reporting module receives details of wandering pets/animals which have been seen/found from registered users, wherein the said details include an indication of a geographic location/area where the wandering pet/animal was found. The broadcasting module utilises the details received of missing pets/animals in order to send information thereon to mobile communication devices of users which are located within or near the geographic location/area where the pet/animal went missing. The broadcasting module also utilises the details

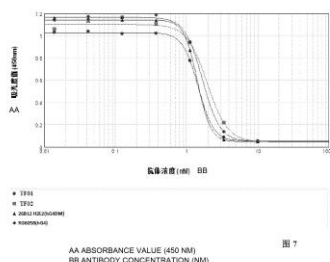
received of wandering pets/animals in order to send information on wandering pets/animals to mobile communication devices of users which are located within or near the geographic location/area where the wandering pets/animals were found. The locating module sends details of a nearby veterinarian clinic(s), animal shelter(s) and/or animal rescue center(s) to a mobile communication device of a registered user, based on a geographic location of the particular user.



21: 2024/01813. 22: 2024/03/01. 43: 2024/09/04
 51: A61K; A61P; C07K
 71: Akeso Biopharma, Inc.
 72: WANG, Zhongmin, ZHANG, Peng, LI, Baiyong, XIA, Yu
 33: CN 31: 202110961038.5 32: 2021-08-20
54: FUSION PROTEIN CONTAINING ANTI-TIGIT ANTIBODY AND TGF-βR, AND PHARMACEUTICAL COMPOSITION AND USE THEREOF

00: -
 A fusion protein containing an anti-TIGIT antibody and TGF-βR, and a pharmaceutical composition and the use thereof. Specifically, disclosed is a fusion protein containing a first protein functional region for targeting TIGIT, and a second protein functional region having a TGF-β binding activity, wherein the first protein functional region is an anti-TIGIT antibody or an antigen-binding fragment thereof; and the heavy chain variable region of the anti-TIGIT antibody contains HCDR1-HCDR3 with amino acid sequences as respectively shown in SEQ ID NOs: 3-5, and the light chain variable region thereof contains LCDR1-LCDR3 with amino acid sequences as respectively shown in SEQ ID NOs: 8-10. The

fusion protein can simultaneously inhibit TIGIT and reduce the TGF- β level, and has good potential for preparing an anti-tumor drug.



21: 2024/01837. 22: 2024/03/04. 43: 2024/09/11

51: F03B

71: DRAGIC, Mile

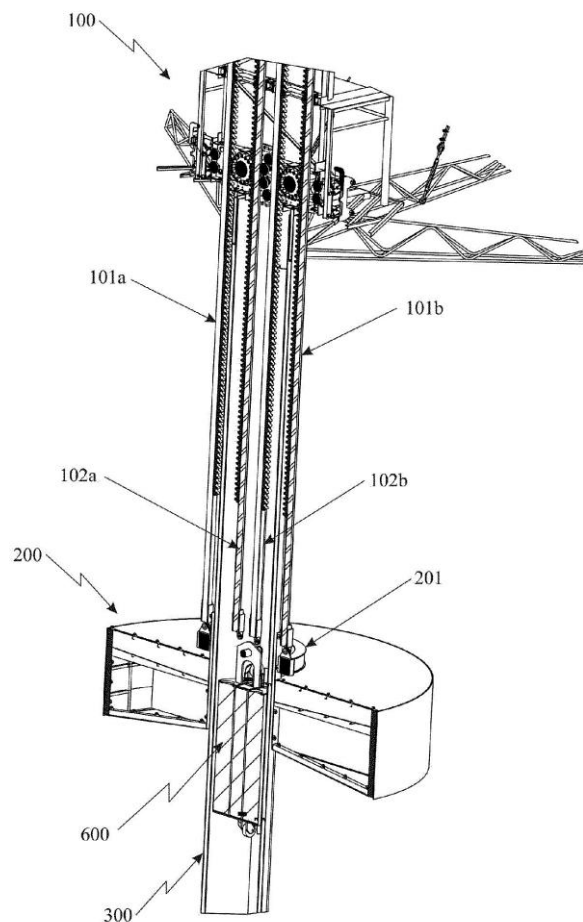
72: DRAGIC, Mile

33: RS 31: P-2021/1153 32: 2021-09-17

54: DEVICE FOR CONVERSION OF WAVE ENERGY INTO ELECTRICAL ENERGY

00: -

The device for conversion of wave energy into electrical energy consists of a supporting structure (300), the first working body (200), an anchor (500) and anchor cables (400). The supporting structure (300) is connected to the anchors (500) by anchor cables (400), while the first working body (200) is slidably connected to the supporting structure (300). The motion transformation system (100) is firmly connected to the supporting structure (300) and comprises rigid gears (101a) and (101b) toothed with gears (103a) and (103b) with rolls on one side while on the other side they are hinged to the first working body (200), on the other side of the gears (103a) and (103b) with the rolls, rigid gears (102a) and (102b) are connected at one end, while their other end is hinged to other working body (600). The gears (103a) and (103b) with rolls are connected by shafts with a multiplier that drives the generator (108) that further produces electricity. The device constructed in this way has the possibility of transport to the place of exploitation, because it floats stably on its own. The anchor system (500) is transported to the place of exploitation using a transport body (700) that also has the ability to float on its own and to submerge.



21: 2024/01841. 22: 2024/03/04. 43: 2024/09/05

51: C07D; A61K; A61P

71: YIYOU BIOTECH (SHANGHAI) CO., LTD.

72: LI, ZHIYU, BIAN, JINLEI, JING, TIAN, XU, PENGFEI, SHEN, PEI, WANG, JUBO, QIU, ZHIXIA, XU, XI

54: PYRIDO RING COMPOUND, PREPARATION METHOD THEREFOR, INTERMEDIATE, COMPOSITION, AND APPLICATION

00: -

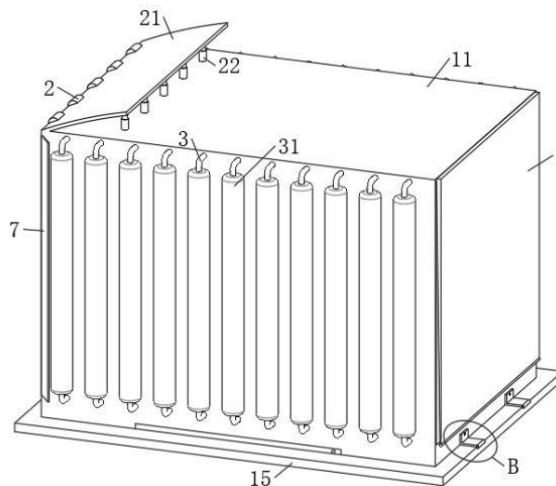
Disclosed are a pyrido ring compound, a preparation method therefor, an intermediate, a composition, and an application. The pyrido ring compound has a structure as shown in formula I, has JAK inhibitory activity, and can be used for treating JAK-related diseases, such as autoimmune diseases or cancers.



21: 2024/01881. 22: 2024/03/05. 43: 2024/10/30
 51: F25D
 71: Suzhou Santuo Cold Chain Technology Co., Ltd
 72: Du; Haibing, Du; Ruiqiu
54: MOVABLE REFRIGERATION HOUSE PROTECTION DEVICE

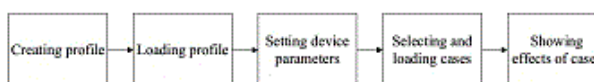
00: -
 The present invention belongs to the technical field of protection, and particularly relates to a movable refrigeration house protection device, comprising a refrigeration house body; and a protective shell is fixedly connected to the middle of the refrigeration house body; and the bottom of the protective shell is provided with a card slot; and a plurality of sets of electric push rods are arranged at the bottom of the protective shell; and an anti-skid pad is fixedly connected to the middle of the electric push rod; and the end of the anti-skid pad is fixedly connected with a transport vehicle plate; and the bottom of the protective shell is arranged on the transport vehicle plate; the protective shell can be fixed to the middle of the transport vehicle plate through the action between the rotating rod and the clamping groove, so that when the refrigeration house body is transported, the situation that the refrigeration house body slides down from the middle of the transport vehicle plate to be damaged can be reduced, meanwhile, the phase change energy storage material on the equipment can be controlled to

adjust the temperature equipment for protection, then the refrigeration house body can be protected, and the situation that the refrigeration house body is damaged in the transportation process is reduced.



21: 2024/01921. 22: 2024/03/07. 43: 2024/09/30
 51: G06F
 71: HENAN ALPHA TECHNOLOGY CO., LTD
 72: DING, MINGMING, LI, PENG PENG
 33: CN 31: 2023102163159 32: 2023-03-08
54: SOFTWARE SYSTEM WITH ADJUSTABLE PARAMETERS

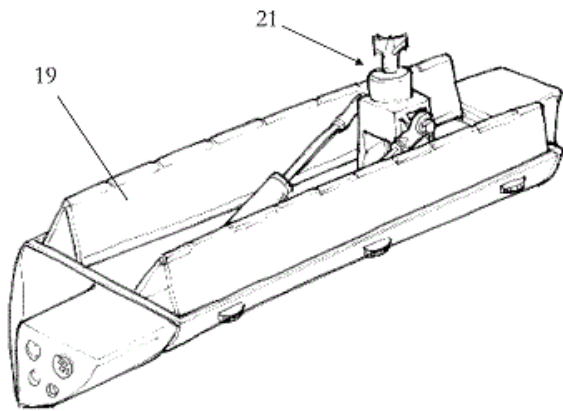
00: -
 Disclosed is a software system with adjustable parameters. The software system includes a profile-creating module, a profile-loading module, a case-selecting module, a historical-case-selecting module. Beneficial effects of the present invention are as follows. The software system may realize definition of device parameters by users, and storage of corresponding device parameter files. The software system analyses user devices to preload the user devices before loading cases, so that the cases may be loaded according to the device parameters by users. The software system can also save a list with historical cases in a background of the software system automatically, so that the historical cases can be loaded rapidly.



21: 2024/01935. 22: 2024/03/07. 43: 2024/09/09

51: F16L
 71: HYPERTUNNEL IP LIMITED
 72: JORDAN, Steve, MEEKS, Alan
 33: GB 31: 2113785.6 32: 2021-09-27
54: A DRONE FOR USE WITHIN A PIPE
 00: -

It is known to deploy robots within pipes in order to carry out investigations for damage, and potentially effect repairs. Such robots may be self-propelled, but in some applications they are controlled via a connected line, conveying electrical or optical signals along a cable, and/or pneumatic or hydraulic pressure via a hose. However, there exist numerous drawbacks with these systems. The present invention provides a drone for use within a pipe (71), the drone comprising: a plurality of wheels (5) configured to enable movement of the drone along a pipe; a payload bay configured to retaining a payload (15) therein; and a wireless communication device configured to enable communication therewith. In this way, the drone may be remotely operated by a user while down a pipe (71), without the need for cumbersome communication cabling.



21: 2024/01936. 22: 2024/03/07. 43: 2024/11/11
 51: G06Q
 71: ZHEJIANG UNIVERSITY OF WATER RESOURCES AND ELECTRIC POWER
 72: QIAN, Jinglin, YAN, Qibin, XUAN, Weidong, QIAN, Yiqing, WU, Yunxin, QIAN, Zhusheng
 33: CN 31: 202310333035.6 32: 2023-03-30
54: FLOOD FORECASTING METHOD BASED ON FLOOD SEASON STAGES
 00: -

Disclosed is a flood forecasting method based on flood season stages. The flood forecasting method based on flood season stages includes: collecting and sorting rainfall data in a research area;

according to daily area rainfall of a basin, obtaining an enveloping curve sequence, and obtaining flood season stages according to an enveloping curve of the daily rainfall; sampling storm flood by stages, selecting an optimization algorithm, and optimizing model parameters by stages to obtain stage parameters; selecting an accuracy evaluation index to evaluate accuracy of a model; according to forecasting operation time, selecting the model parameters of the stage for forecasting; and constructing a staged forecasting model reflecting characteristics of storm flood, and simulating the characteristics of the storm flood more accurately. Further, the stages can be accurately positioned according to current forecasting time in actual forecasting operation, the reasonable flood forecasting model can be selected quickly and accurately.

21: 2024/01984. 22: 2024/03/08. 43: 2024/09/11
 51: G06F; H04L
 71: IDEMIA France
 72: DOS SANTOS, Elder, VUJCIC, Dragan
 33: FR 31: 2109437 32: 2021-09-09
54: IMPROVED EXECUTION OF AN OPERATION IN A SECURE ELEMENT
 00: -

The present invention relates to managing the execution of resource-intensive operations within a secure element. The operation is formed of a plurality of basic operations. In order to prevent the operation from monopolising resources over a long period while high responsiveness of the secure element is being sought, in particular in 5G-related technologies, upon receipt of an APDU command originating from a host device, a timer is triggered in order to determine an actual processing duration of the APDU command. If this duration proves shorter than a predefined duration assigned to the APDU command, one or more of said basic operations can be executed during the remaining time of said assigned duration. When this assigned duration expires, the secure element sends a response to the APDU command. The operation can thus be executed gradually without preventing the secure element from being highly responsive to APDU commands received.

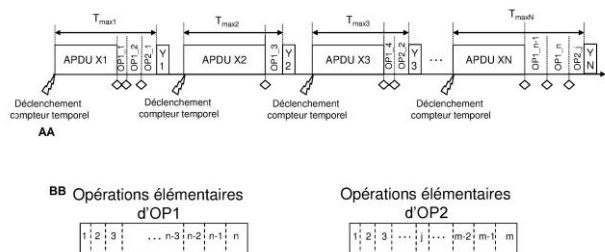


Fig. 5

AA Trigger timer
BB Basic operations of OP

21: 2024/01990. 22: 2024/03/08. 43: 2024/09/11

51: G21F; G21G

71: Vega Americas, Inc.

72: FLOWER, Randall L.

33: US 31: 63/242,287 32: 2021-09-09

54: LINEAR-ROTARY CAPSULE ACTUATOR FOR NUCLEAR SOURCE HOLDER

00: -

A radiation source holder holds a source carrier in a passageway such that a capsule in the source carrier it may be linearly positioned in an ON or OFF position to control emission of gamma radiation from the source holder. Linear and rotary cams having linear and rotary cam surfaces interact with cam guides on the source carrier so that linear movement of the source carrier and capsule between said ON and OFF positions can be effected by rotation of the rotary cam.

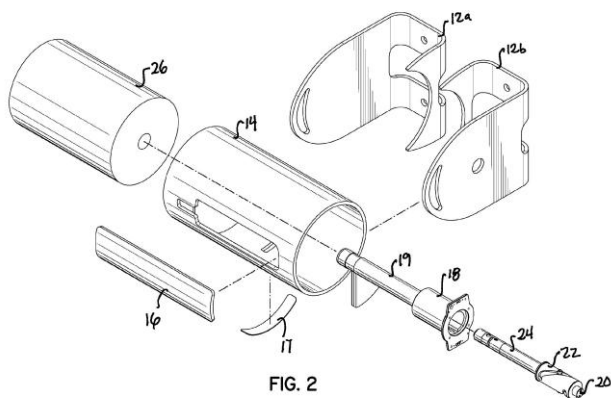


FIG. 2

21: 2024/02037. 22: 2024/03/12. 43: 2024/09/12

51: C01C; C25B

71: Casale SA

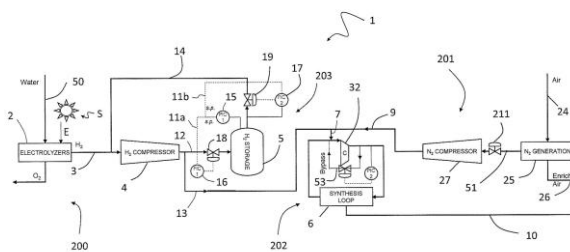
72: CORBETTA, Michele, OSTUNI, Raffaele, BIALKOWSKI, Michal Tadeusz, FILIPPI, Ermanno

33: EP(CH) 31: 21196360.8 32: 2021-09-13

54: METHOD FOR CONTROLLING AN AMMONIA PLANT

00: -

Method for controlling an ammonia plant (1), wherein the ammonia plant (1) comprises an ammonia synthesis section (202) with an ammonia converter and a hydrogen generation section (200) connected to a hydrogen storage tank (5), the method includes controlling the amount of hydrogen (13) stored or delivered to the ammonia synthesis section to maintain target ranges of: the amount of hydrogen contained in the hydrogen tank (5); the flow rate of hydrogen delivered to the ammonia synthesis section; the flow rate of feed gas fed to said ammonia converter.



21: 2024/02043. 22: 2024/03/12. 43: 2024/09/12

51: F01N

71: ECC TEC MSJ Incorporated

72: AKYILDIZ, Saban

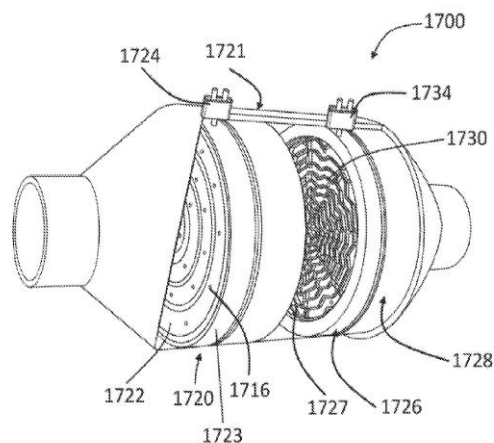
33: US 31: 63/233,019 32: 2021-08-13

54: EXHAUST SYSTEM AND COMPONENTS THEREOF

00: -

A heater for an exhaust system that includes a housing having a connector coupled to the exterior thereof, a first terminal and a second terminal that are each disposed to the interior of the housing and electrically coupled to the connector, a heating element coupled to the first and second terminals, a heating wire coupled to the first and second terminals, and a plurality of heating rods inserted into the heating element to conduct heat from the heating wire throughout the heating element, wherein the connector receives power from an external power supply to supply electrical current to the heating element and the heating wire and wherein at least one of the heating rods supports the heating wire. The combination of elements are configured to heat and disrupt the flow of exhaust

gases and aid in removing and/or reducing toxic gases and pollutants from the exhaust system.



21: 2024/02068. 22: 2024/03/13. 43: 2024/10/24

51: A61K; A61P

71: ZEALAND PHARMA A/S

72: SONNE, Kim, MOURITZEN, Ulrik, GLERUP, Peter, JEPPESEN, Palle Bekker

33: GB 31: 1709643.9 32: 2017-06-16

33: GB 31: 1714203.5 32: 2017-09-05

33: GB 31: 1800873.0 32: 2018-01-19

54: DOSAGE REGIMES FOR THE ADMINISTRATION OF GLUCAGON-LIKE-PEPTIDE-2 (GLP-2) ANALOGUES

00: -

Dosage regimes for the administration of glucagon-like-peptide-2 (GLP-2) analogues and their medical use are disclosed, for example in the treatment and/or prevention of stomach and bowel-related disorders and for ameliorating side effects of chemotherapy and radiation therapy. Dosage regimes for the administration of glucagon-like-peptide-2 (GLP-2) analogues for inducing longitudinal growth of the intestines are described, for example for the treatment of patients with short bowel syndrome (SBS). Medical uses for adjusting the volume of parenteral support (PS) provided to subjects receiving treatment with GLP-2 analogues in response to the treatment and to algorithms for determining PS volume changes are also described.

21: 2024/02086. 22: 2024/03/13. 43: 2024/09/13

51: C07D; A61P; A61K

71: HUA MEDICINE (SHANGHAI) LTD.

72: TANG, FUXING, SHE, JIN, CHEN, LI, LV, GUANGHUA, JIN, XIANGLE

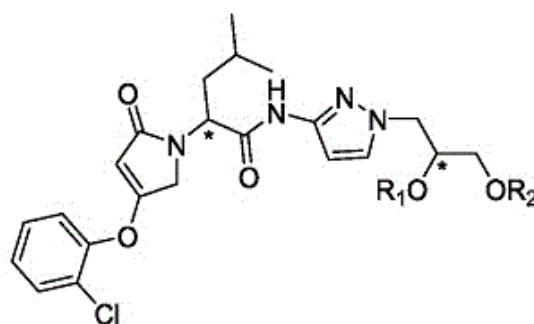
33: CN 31: 202111079620.5 32: 2021-09-15

33: CN 31: 202211093895.9 32: 2022-09-08

54: PRODRUG OF PYRROLIDONE DERIVATIVES AS GLUCOKINASE ACTIVATOR

00: -

The present disclosure provides a compound of formula (I), or an isotopically labeled product, an enantiomer, a diastereomer or a pharmaceutically acceptable salt thereof; a pharmaceutical composition comprising a compound of formula (I); and use of a compound of formula (I) or a pharmaceutical composition thereof in the treatment of diabetes mellitus and related symptoms.



21: 2024/02141. 22: 2024/03/14. 43: 2024/09/18

51: A61J A41D

71: JEFFERSON, Toni

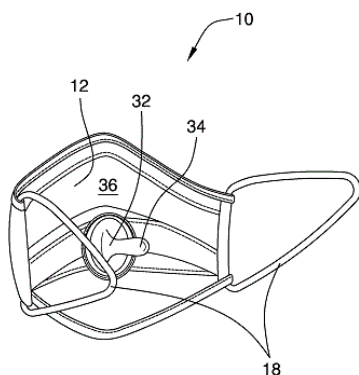
72: JEFFERSON, Toni

33: US 31: 17/488,525 32: 2021-09-29

54: PACIFYING PERSONAL PROTECTIVE DEVICE

00: -

A pacifying personal protective device for a child includes a panel, which is attachable to a head of a child so that the panel is positioned over at least a mouth and a nose of the child. The panel reduces transmission of pathogens between the child and persons proximate to the child. A pacifying element is engaged to the panel and is positioned proximate to the mouth of the child. The pacifying element facilitates pacification of the child, thus increasing a likelihood that the panel will remain in position on the head of the child.



21: 2024/02157. 22: 2024/03/18. 43: 2024/09/18

51: A01N; C01B

71: DOSHI, Hiteshkumar Anilkant, PUTHENVEETIL KUMJUKRISHNA MENON, Ramdas

72: DOSHI, Hiteshkumar Anilkant, PUTHENVEETIL KUMJUKRISHNA MENON, Ramdas

33: IN 31: IN202121029049 32: 2021-06-29

54: A SOLID BIO-PESTICIDAL COMPOSITION COMPRISING OF ELEMENTAL SULPHUR AND AZADIRACHTIN

00: -

The present invention relates to a solid bio-pesticidal composition comprising of elemental Sulphur in the range of 60% w/w to 99%w/w, Azadirachtin in the range of 0.01%w/w to 20%w/w and at least one agrochemically acceptable excipient wherein particles of the composition is in the range of 0.1 micron to 60 microns, wherein the composition is in the form of water dispersible granules, broadcast granules, extruded granules, spheronised granules and powders. The invention relates to a process of preparing and also to a method for treatment of plant, crop, locus or soil against pests or diseases or managing pesticidal resistance or reducing pesticidal residue by application of a solid bio pesticidal composition. The invention also relates to a method for controlling pests and diseases by applying a solid bio pesticidal composition by foliar means at a dosage of 0.5 kg/ha to 30 kg/ha to a plant or a crop or parts thereof or soil.

21: 2024/02161. 22: 2024/03/18. 43: 2024/09/19

51: C07K; C12N; C12P

71: JOINT STOCK COMPANY "BIOCAD"

72: LEGOTSKII, Sergei Aleksandrovich, NAZARENKO, Olga Viktorovna, DANILOV, Maksim Andreevich, BARANOVSKAIA, Marianna Dmitrievna, POLIAKOV, Dmitrii Nikolaevich, VALIAKHMETOVA,

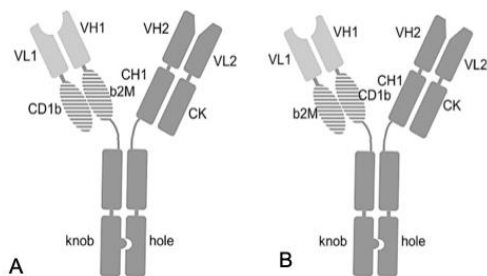
Elvira Raisovna, TOPORKOVA, Kseniia Aleksandrovna, MATIUKHINA, Natalia Mikhailovna, KRAT, Sergei Mikhailovich, GURINA, Natalia Nikolaevna, IAKOVLEV, Pavel Andreevich, MOROZOV, Dmitry Valentinovich

33: RU 31: 2021126369 32: 2021-09-08

54: BISPECIFIC ANTIBODY COMPRISING A HETERODIMER BASED ON MHC PROTEINS

00: -

The present invention relates to the field of biotechnology, specifically to bivalent bispecific chimeric antibodies that include a heterodimer based on the membrane-proximal domains of MHC (major histocompatibility complex) or MHC-like proteins (CD1 (cluster of differentiation 1) or HFE (hemochromatosis protein)), as well as to a technique for producing said bispecific antibodies. The invention further relates to a nucleic acid encoding said bispecific antibody, an expression vector, a host cell for producing said bivalent chimeric bispecific antibody and to a method for producing said cell.



21: 2024/02186. 22: 2024/03/18. 43: 2024/09/19

51: A61J

71: SEVENTH PEOPLE'S HOSPITAL OF SHANGHAI UNIVERSITY OF TCM

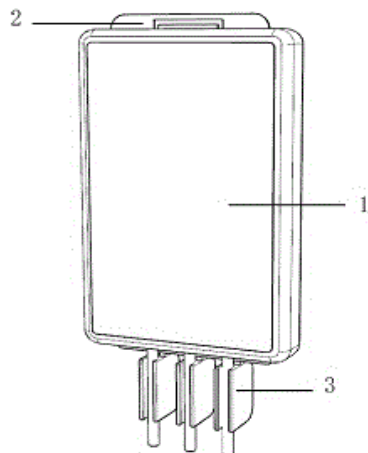
72: JIN, YONGMEI, QIU, LIN

54: A KIND OF LIGHT-BLOCKING THREE-LITER BAG

00: -

The present invention falls within the category of auxiliary medical devices, and it introduces a light-blocking three-liter bag consisting of a light-blocking outer bag, a nutrient solution bag and an infusion pump alarm. The nutrient solution bag is placed in the light-blocking bag; and the lower end of the light-blocking bag is connected to the infusion pump alarm. The resulting invention is simple and effective in shielding the nutrient solution from light, and the alarm is triggered upon the completion of the

infusion process. The overall structure of the device is simple and easy to use for medical personnel.



21: 2024/02197. 22: 2024/03/18. 43: 2024/09/19

51: A61K; A61P

71: PEGBIO CO., LTD.

72: XU, MICHAEL MIN, HOU, YINJU

33: CN 31: 202111126033.7 32: 2021-09-24

54: PHARMACEUTICAL COMPOSITION CONTAINING PEGYLATED EXENATIDE VARIANT AND USE THEREOF

00: -

The present invention relates to the technical field of protein drugs, and in particular to a pharmaceutical composition containing a pegylated exenatide variant and a use thereof. Specifically, the pharmaceutical composition provided in the present invention contains a pegylated exenatide variant and a pH regulator. In the present invention, by screening different components and concentrations, a pharmaceutical composition having excellent stability is developed; the pharmaceutical composition can be used as a drug for preventing and/or treating diabetes, and is suitable for long-term storage.

21: 2024/02214. 22: 2024/03/19. 43: 2024/10/21

51: A61M

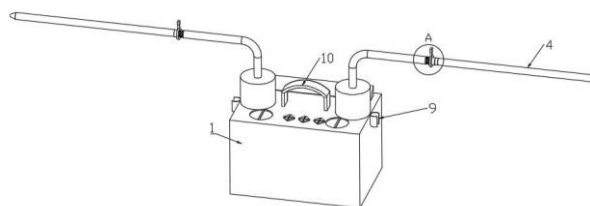
71: Yichang Central People's Hospital (First Clinical Medical College of Three Gorges University, Central People's Hospital Affiliated to Three Gorges University)

72: Lingyun Zhang, Xiaoyi Zhang, Fei Tan, Yan WANG, Lan Zhang

54: SPUTUM SUCTION DEVICE FOR RESPIRATORY MEDICINE DEPARTMENT

00: -

The invention discloses a sputum suction device for respiratory medicine department, comprising two sets of sputum aspirators, each set of sputum aspirators being provided with a connecting pipe, and said sputum aspirators being provided with a plurality of control buttons; said connecting pipe is provided with an adapter, wherein one end of said adapter is threadedly connected to the inner wall of the connecting pipe, the other end thereof is connected to the sputum suction tube, and the middle part of said adapter is provided with a fixing ring; the edge of said fixing ring extends upwardly to form an integrally molded adjustment lever. The invention adds an adapter between the sputum suction tube and the connecting pipe on the sputum aspirator, and the adapter is connected with structures such as fixing ring and adjustment lever; the above structure can realize disassembly of the sputum suction tube by rotating the adjustment lever on the adapter, so as to avoid the problem that the hand is easy to be contaminated with sputum caused by disassembling the sputum suction tube by hand directly. The above can not only facilitate the disassembly of sputum suction tube, but also avoid the problem of hand contamination caused by the removal of sputum suction tube.



21: 2024/02217. 22: 2024/03/19. 43: 2024/10/24

51: C12Q; G16B

71: ILLUMINA, INC.

72: RUEHLE, Michael

33: US 31: 62/852,965 32: 2019-05-24

54: FLEXIBLE SEED EXTENSION FOR HASH TABLE GENOMIC MAPPING

00: -

Methods, systems, and apparatuses, including computer programs for generating and using a hash table configured to improve mapping of reads are disclosed that include obtaining a first seed of K nucleotides from a reference sequence, generating a seed extension tree having a nodes, wherein each node of the nodes corresponds to (i) an extended

seed that is an extension of the first seed and has a nucleotide length of K^* and (ii) one or more locations, in a seed extension table, that include data describing reference sequence locations that match the extended seed, and for each node: storing interval information at a location of the hash table that corresponds to an index key for the extended seed, wherein the interval information references one or more locations in the seed extension table that include reference sequence locations that match the extended seed associated with the node.

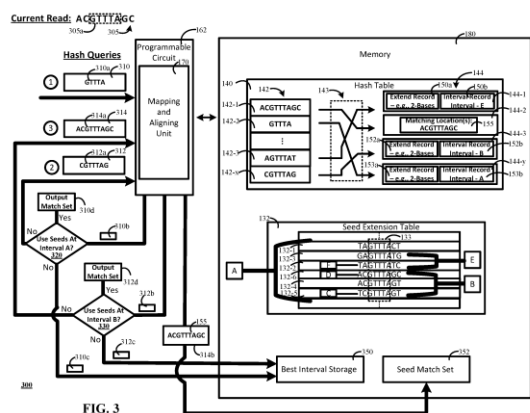


FIG. 3

ethoxylated cocoamine, 5 percent-10 percent of carbon black, and the balance deionized water. In view of the problem that corrosion resistance of the die-cast aluminum alloy cannot be improved well through anodic oxidation treatment, the present invention uses the electrophoretic paint composed of the resin emulsion, the ethoxylated cocoamine, the carbon black and the deionized water, and forms a corrosion-resistant film on a surface of the die-cast aluminum alloy through electrophoretic deposition. According to the present invention, the devices used are simple and easy to operate, and a film layer generated is uniform, such that corrosion of corrosive media can be effectively prevented.

21: 2024/02239. 22: 2024/03/19. 43: 2024/09/26
 51: C07D; A61K; A61P
 71: LEADINGTAC PHARMACEUTICAL (SHAOXING) CO., LTD.
 72: YE, ZHENGQING, FENG, YAN, LI, SHIQIANG
 33: CN 31: 202210989448.5 32: 2022-08-17
 33: CN 31: 202210558158.5 32: 2022-05-19
 33: CN 31: 202110966608.X 32: 2021-08-23
54: IRAK4 DEGRADATION AGENT, AND PREPARATION METHOD THEREFOR AND USE THEREOF

00: -
 An IRAK4 degradation agent as represented by structural formula PTM-L-ULM (I), and a preparation method therefor and the use thereof. The provided compound can effectively inhibit and/or degrade IRAK4 kinase protein in a cell and inhibit an immune cell from producing IL-6.

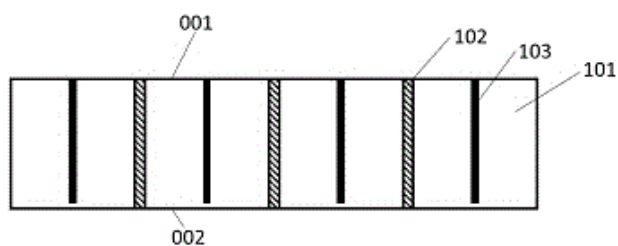
21: 2024/02225. 22: 2024/03/19. 43: 2024/10/02
 51: C22C
 71: An hui Krant Aluminum Products Co., Ltd
 72: XIONG, Maoqing, PAN, Zutang, ZHANG, Xiong, XIANG, Hua, WANG, Xu
 33: CN 31: 2023108253089 32: 2023-07-06
54: DIE-CAST ALUMINUM ALLOY FOR NEW ENERGY VEHICLE AND MANUFACTURING METHOD THEREFOR

00: -
 The present invention discloses a die-cast aluminum alloy for a new energy vehicle and a manufacturing method therefor, and belongs to the technical field of aluminum alloy manufacturing. The manufacturing method includes the following steps: placing a pretreated die-cast aluminum alloy as a cathode in an electrolytic bath filled with electrophoretic paint, where a temperature of a bath solution is 30 degree Celsius, conducting electrolytic deposition at a voltage of 120 V-150 V for 3 min, and then placing the die-cast aluminum alloy in a curing furnace for curing at 180 degree Celsius for 1 h. The electrophoretic paint includes the following components in mass fraction: 15 percent-25 percent of resin emulsion, 0.5 percent-1 percent of

21: 2024/02240. 22: 2024/03/19. 43: 2024/09/26
 51: F03D; F01D; B32B
 71: ENVISION ENERGY CO., LTD
 72: ZHANG, JINGJING, ZHANG, XIANGYANG, MA, HAO, SUI, JIANJUN, XU, GANG, SUN, JIANXU
54: REINFORCED CORE MATERIAL FOR FAN BLADE AND PREPARATION METHOD THEREFOR

00: -
 The present invention provides a reinforced core material for a fan blade, comprising a core material and reinforcements distributed inside the core material. The reinforcements comprise one or more first reinforcements and one or more second reinforcements that are spaced apart from each other and alternately distributed, wherein the first

reinforcement and the second reinforcement extend transversely to the length direction of the reinforced core material, the tensile modulus and tensile strength of the first reinforcement are greater than the tensile modulus and tensile strength of the second reinforcement respectively, the first reinforcement is formed via resin infiltration on one or more fibers of the same or different shapes, and the second reinforcement is a synthetic high polymer.



21: 2024/02256. 22: 2024/03/20. 43: 2024/09/26
51: A61B

71: Nanjing Liuhe District Hospital of Traditional Chinese Medicine

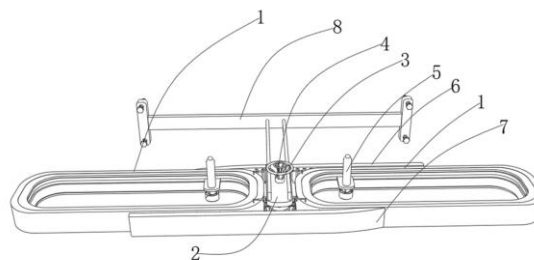
72: Jinwang MA, Ning JIANG, Yuanyuan CAO, Tong ZHOU

54: A CHINESE MEDICINE OPHTHALMOLOGY EXAMINATION DEVICE FOR CONVENIENTLY ADJUSTING THE ANGLE

00: -

The disclosure belongs to the field of medical technology, and discloses a Chinese medicine ophthalmology examination device for conveniently adjusting the angle, including the orbital rack, in which the orbital rack consists of two components, when the doctor of the patient's eye region inspection, the doctor continuously rotates the second rotating shaft, so that the second rotating shaft drives the bottom rotating rod to drive the straight rod member connected to the top rotating rod of the L frame to rotate, and the straight rod member rotating will drive the top half-gear to rotate intermittently, the half-gear rotating intermittently will drive the inner and outer gear pulley intermittent rotation, through the internal and external gear pulley rotation, the inner wall will be driven the torch body fixedly connected with the strip plate to move intermittently to irradiate the patient's eyes around the region to observe, effectively reducing the long time for the doctor holding the torch body to observe the patient's eyes region which causes the doctor's

hand muscle fatigue, and results in that the observation of the patient's eyes time slowly become longer, ultimately leading to a longer queuing time for other patients.



21: 2024/02264. 22: 2024/03/20. 43: 2024/09/26
51: D21C

71: JIANGSU ACADEMY OF AGRICULTURAL SCIENCES

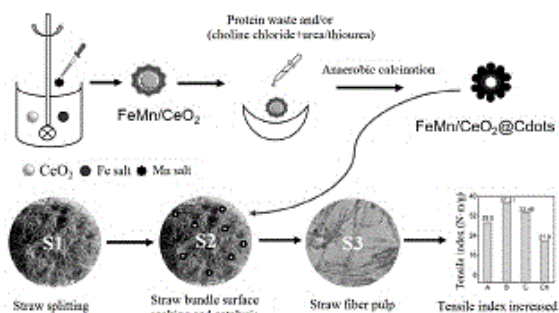
72: SUN, ENHUI, HUANG, HONGYING, QU, PING, YONG, CHENG, CHEN, LING, JIN, HONGMEI, XU, YUEDING, KANA, E. B. GUEGUIM, SANUSI, A. ISAAC

33: CN 31: 2023115077310 32: 2023-11-13

54: METHOD FOR PULPING BY CATALYZING DISSOCIATION OF STRAW FIBERS WITH IRON-MANGANESE-LOADED CERIUM OXIDE/CARBON DOTS, PULP AND APPLICATION THEREOF

00: -

This invention discloses a method for pulping by catalyzing dissociation of straw fibers with iron-manganese-loaded cerium oxide/carbon dots, pulp and application thereof; the pulping method includes; S1: splitting the straw to obtain straw bundles; and S2: dispersing the iron-manganese-loaded cerium oxide/carbon dots in ethanol, adding water, spraying onto the surface of the straw bundles, soaking and catalyzing the reaction for 24-48 h to obtain a dissociated straw product; and adding sodium hydroxide, steaming at 120-160°C for 15-30 min, and carrying out straw homogenization treatment on the steamed material to obtain a fibrillated fiber pulp. The method can effectively weaken the rigid strength of straw fiber polymer, enhance the bond breaking and plasticity of straw fiber polymer chains, reduce the energy consumed for homogenization and dissociation pulping of straw fibers by mechanical disc milling, and have high environmental safety. The obtained pulp can be applied to preparation of straw matrix blocks, straw mulch films, straw seedling raising containers, and straw trays and other straw products.



21: 2024/02279. 22: 2024/03/20. 43: 2024/10/03

51: B23P

71: An hui Krant Aluminum Products Co., Ltd

72: PAN, Zutang, XIONG, Maoqing, SHI, Laisheng, PENG, Zhongyuan, ZHU, Qiancheng

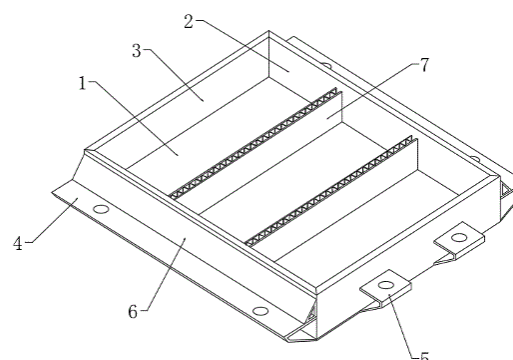
33: CN 31: 2023108119658 32: 2023-07-04

54: FORMING PROCESS OF ALUMINUM ALLOY FRAME FOR NEW ENERGY VEHICLE

00: -

The present invention discloses a forming process of an aluminum alloy frame for a new energy vehicle, and belongs to the technical field of aluminum alloy frames. The forming process includes: conducting extrusion on an aluminum alloy ingot after homogenization, quenching the aluminum alloy ingot when the aluminum alloy ingot is hot, obtaining aluminum alloy profiles having different specifications, and conducting thermal aging treatment, pretreatment and anodic oxidation treatment in sequence; mixing epoxy resin and fluorine-containing modified graphite, then continuing stirring and mixing after addition of a curing agent, and obtaining an epoxy adhesive; impregnating carbon fiber cloths with the epoxy adhesive, then pressing 8-12 carbon fiber cloths together, and obtaining a corrugated carbon fiber plate; forming a corrugated carbon fiber plate by bonding every two connecting plates together with the epoxy adhesive, and obtaining an energy-absorbing partition plate; and welding a first frame plate, a second frame plate, a lower base plate, a first connector, a second connector, a reinforcer and the energy-absorbing partition plate in sequence, and polishing a welding seam, such that the forming process of an aluminum alloy frame for a new energy vehicle is completed. Compared with a hollow aluminum alloy profile, the aluminum alloy frame is larger in heat dissipation area, such that

desirable heat dissipation performance of a lithium battery pack can be ensured advantageously.



21: 2024/02335. 22: 2024/03/22. 43: 2024/09/27

51: B42D

71: PELEMAN INDUSTRIES NV

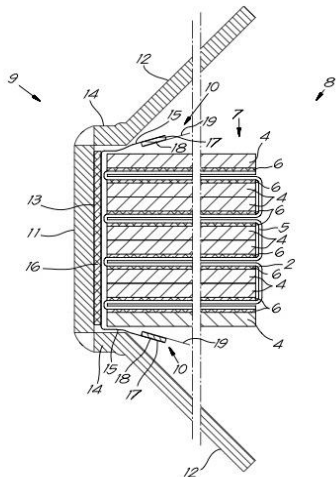
72: PELEMAN, Guido Frans M., MORADIA, Pawan

33: BE 31: 20225367 32: 2022-05-16

54: SEMI-FINISHED PRODUCT FOR PRODUCING A PHOTO BOOK, SET FOR PRODUCING A PHOTO BOOK, PHOTO BOOK AND A METHOD FOR PRODUCING A PHOTO BOOK.

00: -

Semi-finished product for producing a photo book whereby the semi-finished product (1) comprises a film (2) with two sides of which a first side (3) is printable and a number of carriers (4) which are successively applied on a second side (5) of the film (2), whereby the relative distance between the successive carriers (4) when said carriers extend in the same plane is alternately equal to or less than one millimetre or equal to twice the thickness of a carrier (4) or deviates less than one millimetre therefrom.



21: 2024/02337. 22: 2024/03/22. 43: 2024/09/27
51: A61K; A61P

71: SIDORENKO, Sergey Vladimirovich, YUDIN, Sergey Mikhailovich, YAKOVLEV, Sergey Vladimirovich, SIDOROV, Stanislav Mikhailovich, PROKOPENKO, Dmitriy Olegovich

72: SIDORENKO, Sergey Vladimirovich, YUDIN, Sergey Mikhailovich, YAKOVLEV, Sergey Vladimirovich, SIDOROV, Stanislav Mikhailovich, PROKOPENKO, Dmitriy Olegovich

33: RU 31: 2022118203 32: 2022-07-05

54: AGENT FOR TREATING INFECTIONS CAUSED BY MULTIDRUG-RESISTANT BACTERIA

00: -

The invention relates to medicine, and more particularly to antibacterial therapy, and is intended primarily for treating severe and extremely severe hospital-acquired infections caused by multidrug-resistant carbapenemase-producing bacteria.

Proposed is the use of an agent that is a mixture of biapenem and avibactam in a ratio of from 4:1 to 1:2 to treat infectious diseases caused by multidrug-resistant bacteria of the order Enterobacterales, genus Acinetobacter and Pseudomonas, which produce carbapenemase. The invention provides a synergistic effect between biapenem and avibactam toward carbapenemase-producing gram-negative bacteria.

21: 2024/02346. 22: 2024/03/22. 43: 2024/10/03
51: A01C

71: Obschestvo s ogranichennoi otvetstvennostyu "ARTEXIM" (OOO "ARTEXIM")

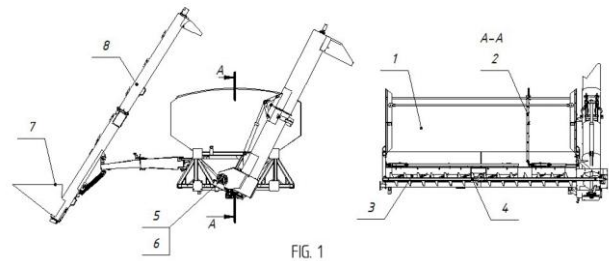
72: NALBANDYAN, Armen Vemirovich

33: RU 31: 2021114617 32: 2021-05-24

54: METHOD AND DEVICE FOR CREATING A POLYSYSTEM FOR MIXING SEEDS AND FERTILIZERS

00: -

The invention relates to the field of preparing for agricultural work, particularly to auxiliary operations preceding sowing or soil fertilization. Method of creating a polysystem for mixing seeds and fertilizers is as follows: initially, seeds of different plant species are placed in a mobile container with at least one partition wall, dividing it into at least two compartments, in such a way that each mentioned compartment contains a one specific type of seeds, either different fertilizers are placed in separate compartments within the aforementioned mobile container, ensuring that each compartment contains a one specific type of fertilizer, either seeds and fertilizers are placed in separate compartments within the mentioned container, ensuring that the seeds and fertilizers are in different compartments. The proposed invention provides is the creating of a polysystem for mixing seeds and/or fertilizers, reducing the time required for preparation for sowing and/or applying fertilizers to the soil, enhancing the functional capabilities during the preparation and implementation of various agricultural operations.



21: 2024/02414. 22: 2024/03/26. 43: 2024/10/02
51: B64C

71: QACHA, Rojane Paul

72: QACHA, Rojane Paul

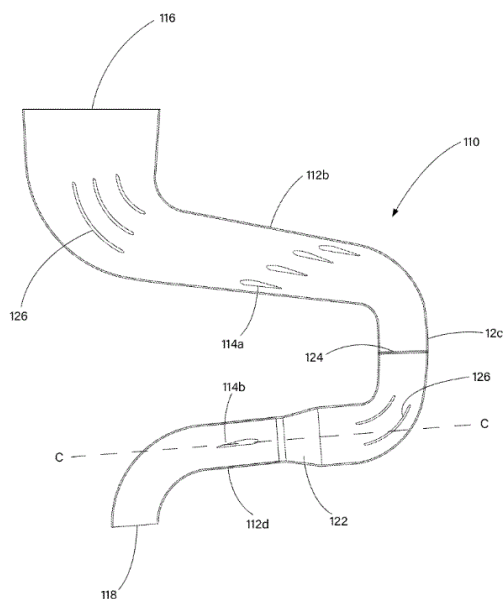
33: ZA 31: 2021/05045 32: 2021-07-19

54: THRUST DEVICE

00: -

A thrust device includes (110): (i) a non-linear elongate conduit (112) that defines: (a) a first axial portion that defines an axial inlet (116); and (b) a second axial portion (112b) that extends from the first axial portion of the conduit, wherein the longitudinal axis of the second axial portion (112b) is

substantially orthogonal to the axis of the conduit axial inlet (116); and (ii) at least one first aerofoil (114a) disposed within the second axial portion (112b) of the conduit, wherein the at least one first aerofoil (114a) is configured or arranged such that an airstream traveling from the conduit axial inlet (116) along the conduit and over the at least one first aerofoil (114a) induces a force substantially parallel to the axis of the conduit axial inlet (116).



21: 2024/02415. 22: 2024/03/26. 43: 2024/10/01
51: A61K

71: Shan Hua

72: Mingjian Hua, Xianfeng Du, Xin Gong, Xiang Gong, Lingyi Kong, Xiang Li, Chenming Hua, Kefu Wang, Yanhong Li, Teng Hua

54: A TINCTURE FOR TREATING BURNS AND SCALDS AND A PREPARATION METHOD THEREOF

00: -

A tincture for treating burns and scalds and a preparation method thereof comprise the following components: Flos Lonicerae Japonicae, Herba Artemisiae Anomalaе, Radix Arnebiae, Rhizoma Coptidis, Radix et Rhizoma Rhei, Cortex Phellodendri Chinensis, Radix Scutellariae, Catechu, Olibanum, myrrha, borneol, 80% ethanol; the invention has the aroma of traditional Chinese herbal alcohol, and selects appropriate pure natural Chinese medicinal materials and their proportions, each component cooperates with each other and acts synergistically, the preparation method strives

to be simple and easy to operate; the invention keeps the medicine fresh to the maximum extent, and is green and environmentally friendly, has a simple preparation method, significant therapeutic effects, convenient medication, few side effects, low cost and is economical.

21: 2024/02480. 22: 2024/03/27. 43: 2024/10/28
51: C02F

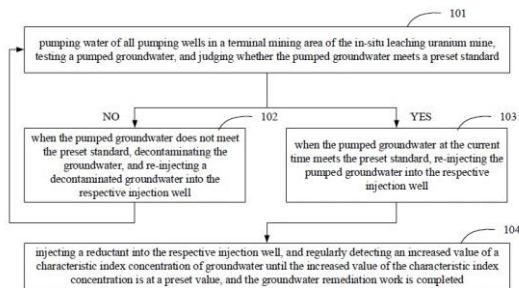
71: THE FOURTH RESEARCH AND DESIGN ENGINEERING CORPORATION OF CNNC
72: YANG Bing, LIAN Guoxi, SU Xuebin, MENG Tong, ZHANG Haoyan, HE Lining

33: CN 31: 202310524371.9 32: 2023-05-11

54: REMEDIATION METHOD OF CONTAMINATED GROUNDWATER FOR IN-SITU LEACHING URANIUM MINES

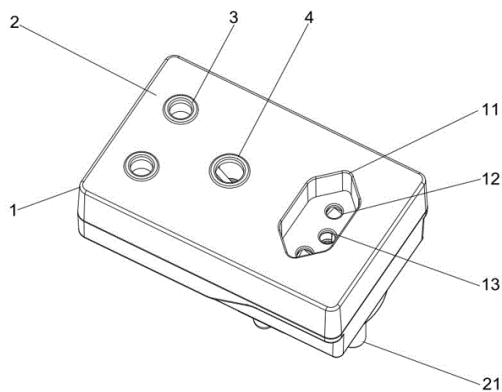
00: -

The present disclosure provides a remediation method of contaminated groundwater for an in-situ leaching uranium mine. The method includes: pumping water of all pumping wells in a terminal mining area of the in-situ leaching uranium mine, testing a pumped groundwater, and judging whether the pumped groundwater meets a preset standard; when the pumped groundwater does not meet the preset standard, decontaminating the groundwater, and re-injecting a decontaminated groundwater into the respective injection well; skipping to execution of "pumping water of all pumping wells in a terminal mining area of the in-situ leaching uranium mine" and continuing to execute the subsequent steps until the pumped groundwater at a current time meets the preset standard, and re-injecting the pumped groundwater into the respective injection well; injecting a reductant into the respective injection well, and regularly detecting an increased value of a characteristic index concentration of groundwater until the increased value of the characteristic index concentration is at a preset value, and the groundwater remediation work is completed. The present disclosure enables rapid and effective remediation of contaminated groundwater in the terminal mining areas of the in-situ leaching uranium mines.



21: 2024/02537. 22: 2024/04/02. 43: 2024/10/03
 51: H01R
 71: Hangzhou XiangHe Electric Appliance Co., Ltd.
 72: ZHENG Ruxiang
 33: CN 31: 2024203186872 32: 2024-02-21
54: SOCKET
 00: -

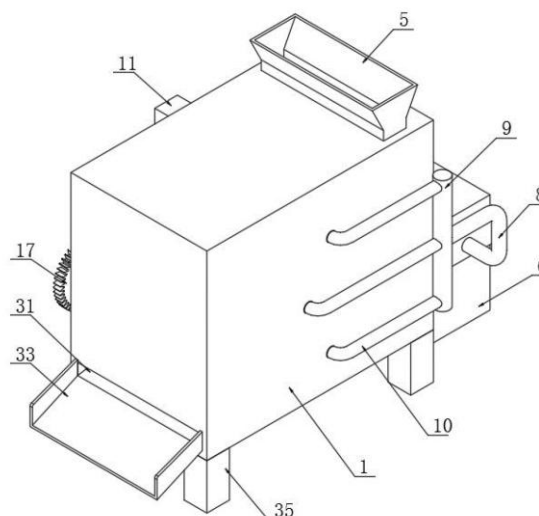
The invention discloses a socket and aims to provide a socket that can improve safety . It includes a socket body, the surface of the socket body is provided with several sockets, a conductive component matching the socket is installed inside the socket body, a stopper component is installed between the conductive component and the socket, the stopper The component is installed inside the socket body and movably connected with it. The invention has the following beneficial effects: improving the safety of the socket; having a simple structure, convenient use and convenient control.



21: 2024/02548. 22: 2024/04/02. 43: 2024/10/14
 51: A23F
 71: Huangshan Xinanyuan Organic Tea Development Co., LTD, Huangshan Xinanyuan Trading Co, LTD
 72: Fang, Guoqiang, Fang, Jianwu, Huang, Yisheng, Fang, Guofan, Wang, Qiangsong, Fang, Suxia, Yang, Jun

33: CN 31: 2023107090243 32: 2023-06-15
54: APPARATUS FOR PROGRESSIVELY DRYING TEA WITH CIRCULATING AIR FROM HEAT PUMP
 00: -

Disclosed in the present invention is a sectional apparatus for drying tea leaves by using heat pump circulating air, which specifically relates to the technical field of tea leaf production. The drying apparatus includes a drying box and a feeding tank arranged at a top of the drying box. Three hollow plates distributed up and down are arranged inside the drying box, a top end and a bottom end of the hollow plate each are provided with a plurality of hot air holes, inner diameters of the hot air holes in the three hollow plates decrease sequentially from top to bottom. In the present invention, sectional hot air drying is performed on the tea leaves by using a heat pump drying mechanism, each drying stage can correspond to the drying degree and the weight of the tea leaves, and bottoms and tops of the tea leaves can be dried simultaneously, such that drying is relatively uniform. The tea leaves are scraped to move by means of the scraping mechanism, and the tea leaves can be turned, such that uniformity and efficiency of drying of the tea leaves are further improved, and the drying effect of the tea leaves is relatively good. Moreover, hot air can take away dust and residues on the tea leaves while hot drying is performed, making the device more practical.



21: 2024/02579. 22: 2024/04/03. 43: 2024/10/04
 51: A61F
 71: Shanxi University of Chinese Medicine

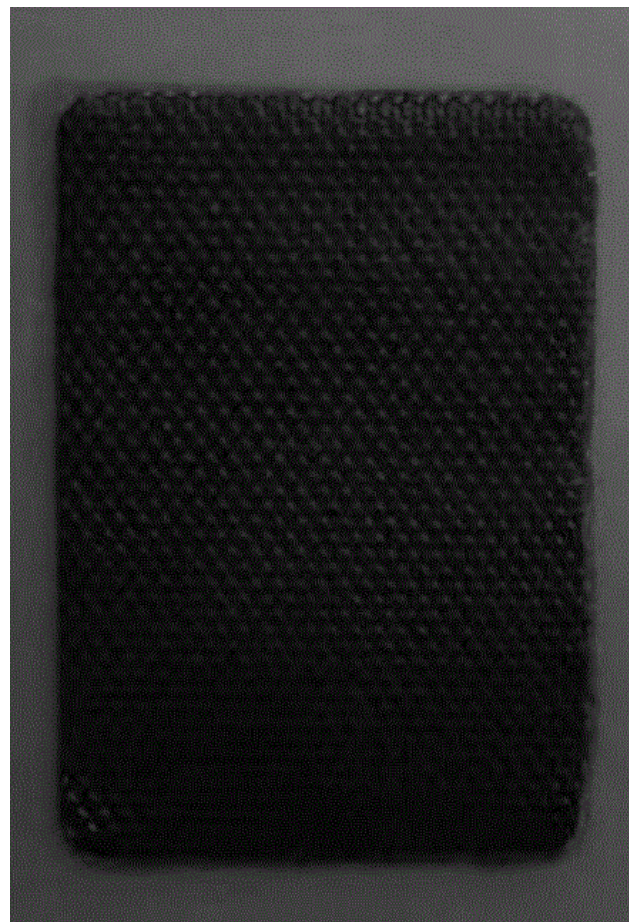
72: Yanmiao Ma, Yingli Wang, yonghui Wang, Tao Peng, Liyan Lu, Xiuhong Wei

33: CN 31: CN202310830367.5 32: 2023-07-06

54: A COMPOUND FENGSHINING GEL PATCH AND ITS PREPARATION METHOD

00: -

The invention belongs to the technical field of traditional Chinese medicine preparations, and specifically relates to a compound Fengshining gel patch and a preparation method thereof. The gel patch of the present invention includes a backing material, a coating, a main drug and a matrix. The main drug is a Chinese medicine water extract, and the matrix is glycerin, sodium polyacrylate NP-700, aluminum glycinate, tartaric acid, CMC-Na, EDTA-2Na. The traditional Chinese medicine water extracts are incised notopterygium rhizome and root, doubleteeth angelicae root, caulis sinomenii, clematis chinensis, wenyujin rhizoma concisum, divaricate saposniovia root, szechwan lovage rhizome, Chinese ephedra herb, cinnamon, sparganium rhizome, dragon's blood powder, rhizoma corydalis vinegar, medicinal cyathula officinalis root, rehmanniae radix praeparata, villous amomum fruit and licorice mixture. The patch of the present invention not only highlights the characteristics of traditional Chinese medicine, but also retains the active ingredients of the original Fengshining oral preparation. It has the advantages of being convenient to use, carry and store, and avoids the hepatic first-pass effect of oral administration and the stimulation of the gastrointestinal tract by the drug. It makes up for the poor taste of the decoction. It is a suitable dosage form for the external treatment of internal diseases. It is safe and convenient, has little irritation, has a large drug load, is breathable and can be removed repeatedly, has accurate dosage, and has good moisturizing properties.



21: 2024/02587. 22: 2024/04/03. 43: 2024/10/04

51: C22C

71: ANHUI UNIVERSITY OF SCIENCE & TECHNOLOGY

72: HAN Lei

54: DIAMOND COMPACT AND PREPARATION METHOD AND APPLICATION THEREOF

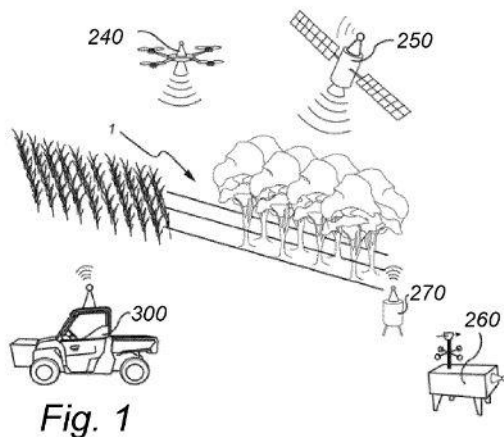
00: -

The invention provides a diamond compact and a preparation method and application thereof, belonging to the technical field of diamond compact. The diamond compact comprises a cemented carbide substrate and a diamond composite layer; wherein, according to the mass percentage, the diamond composite layer comprises: 92.5-92.9 percent of diamond micropowder, 6 percent of cobalt powder, 0.1-0.5 percent of boron nitride graphene and 1 percent of binder. The diamond compact disclosed by the invention has high wear resistance and toughness, thereby expanding the application prospect of the diamond compact as a drill bit.

21: 2024/02616. 22: 2024/04/04. 43: 2024/10/04
 51: A01C; G06N; G06Q
 71: YARA INTERNATIONAL ASA
 72: Stefan REUSCH
 33: EP 31: 21201468.2 32: 2021-10-07

54: METHOD AND SYSTEM FOR PROVIDING A SITE SPECIFIC FERTILIZER RECOMMENDATION

00: -
 System and method for providing a fertilizer recommendation for an agronomic field based on a determination of a crop nutrient status, wherein a baseline value and an in-field variability is determined for the crop nutrient status. The fertilizer recommendation is then adjusted based on said computed baseline and in-field variability of the crop nutrient status.

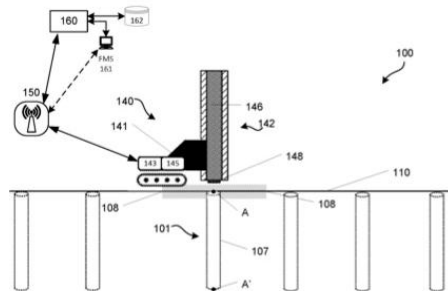


21: 2024/02623. 22: 2024/04/04. 43: 2024/10/08
 51: E21B
 71: REFLEX INSTRUMENTS ASIA PACIFIC PTY LTD, UNIVERSAL FIELD ROBOTS PTY LTD
 72: JACKSON, John, KOPLAN, Christopher Thomas, CASSELL, Timothy Joseph
 33: AU 31: 2021903305 32: 2021-10-14
 33: AU 31: 2022900867 32: 2022-04-04

54: BOREHOLE DEPTH LOGGING

00: -
 A method for logging a borehole, comprising: receiving hole data representing the borehole, wherein the hole data includes at least a collar position indicating a location of the collar of the borehole; determining a measurement reference position indicating a reference location of a measurement device configured to be deployed into the borehole; receiving, from a depth logging device, one or more depth values of the measurement

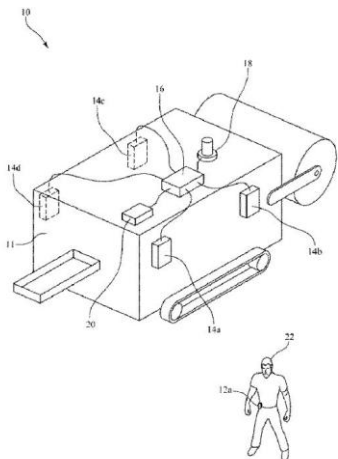
device in response to the deployment, from the reference location, of the measurement device to measure the borehole; and determining one or more corrected depth values based on the one or more depth values, the collar position, and the measurement reference position.



21: 2024/02638. 22: 2024/04/05. 43: 2024/10/08
 51: G05B; G07C
 71: MATRIX DESIGN GROUP, LLC
 72: LEMOND, Ben, PORTER, Robert, POLK, Jeff, WILSON, Kenton

54: VEHICLE TO VEHICLE COLLISION AVOIDANCE SYSTEM AND METHOD

00: -
 A system and method for preventing vehicle collisions is provided. The system includes a transmitter system on the first vehicle, a machine mounted locator on the second vehicle, means for determining coordinates of the machine mounted locator relative to the transmitter system; means for defining a safety zone around the first vehicle; and warning means for generating a signal when the machine mounted locator enters the safety zone surrounding the first vehicle. The method includes the steps of: generating and transmitting an encoded signal around the first vehicle; receiving the encoded signal at a machine mounted locator on the second vehicle; processing the encoded signal; transmitting a locator radio frequency signal from the machine mounted locator in response to the encoded signal; receiving the locator radio frequency signal at the transmitter system; and performing an algorithm to determine coordinates of the machine mounted locator relative to the transmitter system.



21: 2024/02639. 22: 2024/04/05. 43: 2024/10/08
 51: A23K; A61K; C12R
 71: MPT-NNA JOINT VENTURE
 72: MHLANLANYEKOSI, Ndebele Godfrey
 33: ZA 31: 2023/05230 32: 2023-05-12

54: Sustainable Digestive Aid

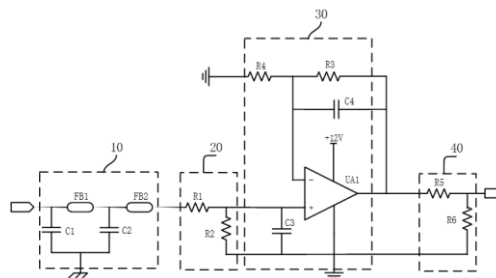
00: -
 This invention relates to a sustainable digestive aid product for animals, including ruminants, comprising digestive enzymes, probiotics and prebiotics such as frass and to a process of sustainably producing the sustainable digestive aid product. The invention further relates to a method of preparing a symbiotic organic protein animal feed with the sustainable digestive aid product, a symbiotic organic protein animal feed comprising the sustainable digestive aid product and to a method of improving digestion in an animal, including a ruminant, comprising the use of the sustainable digestive aid product or the animal feed.

21: 2024/02660. 22: 2024/04/05. 43: 2024/10/08
 51: H02J
 71: CHANGCHUN JETTY AUTOMOTIVE TECHNOLOGY CO., LTD.
 72: WANG, Chao
 33: CN 31: 202111144495.1 32: 2021-09-28

54: CHARGING GUIDANCE SIGNAL ACQUISITION CIRCUIT, NEW ENERGY VEHICLE-MOUNTED CHARGING SOCKET, AND CHARGING PILE

00: -
 The present disclosure relates to the technical field of charging guidance signal acquisition for new energy vehicles, and provides a charging guidance signal acquisition circuit, a new energy vehicle-

mounted charging socket and a charging pile. The charging guidance signal acquisition circuit includes: a signal amplification and filtering circuit configured to receive a charging guidance signal, and amplify and filter the received charging guidance signal; and a voltage divider circuit, an input end of which is connected to an output end of the signal amplification and filtering circuit, and configured to adjust the charging guidance signal processed by the signal amplification and filtering circuit to a target value, which is a voltage that meets electrical requirements of a charging guidance signal input pin of a vehicle-mounted charging controller; the voltage divider circuit includes at least two adjustable resistors connected in series, and resistances values of the adjustable resistors are adjustable according to the electrical requirements of the charging guidance signal input pin. The embodiments of the present disclosure can overcome or alleviate the problem that it is difficult to charge the new energy vehicle normally due to the lack of uniformity charging guidance signal standards.



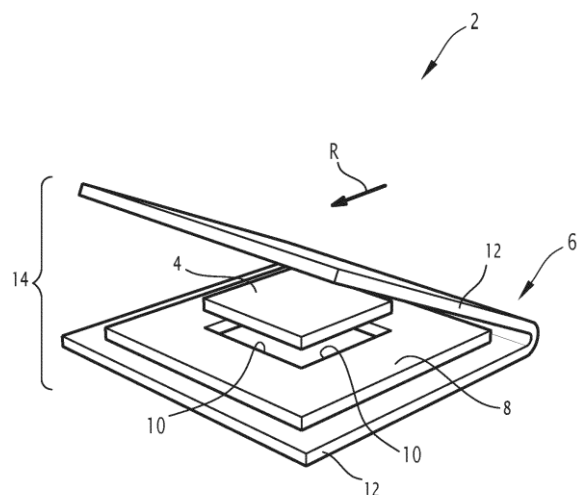
21: 2024/02662. 22: 2024/04/05. 43: 2024/10/08
 51: G21C; G21G
 71: FRAMATOME
 72: STEPNIK, Bertrand, GRASSE, Michel
 33: EP 31: 21306462.9 32: 2021-10-19

54: PLATE-SHAPED NUCLEAR FUEL ELEMENT AND METHOD OF MANUFACTURING THE SAME

00: -

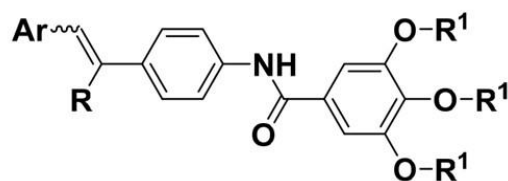
The plate-shaped nuclear fuel element (2) comprises a core (4) made of a fissile material and a cladding (6), the cladding comprising a frame (8) defining a central aperture (10) receiving the core (4) and two cover plates (12) sandwiching the frame (8) and the core (4), wherein the frame (8) is made of a metallic first cladding material and the cover plates (12) are made of a metallic second cladding material, the first

cladding material having a hardness strictly greater than the hardness of the second cladding material.



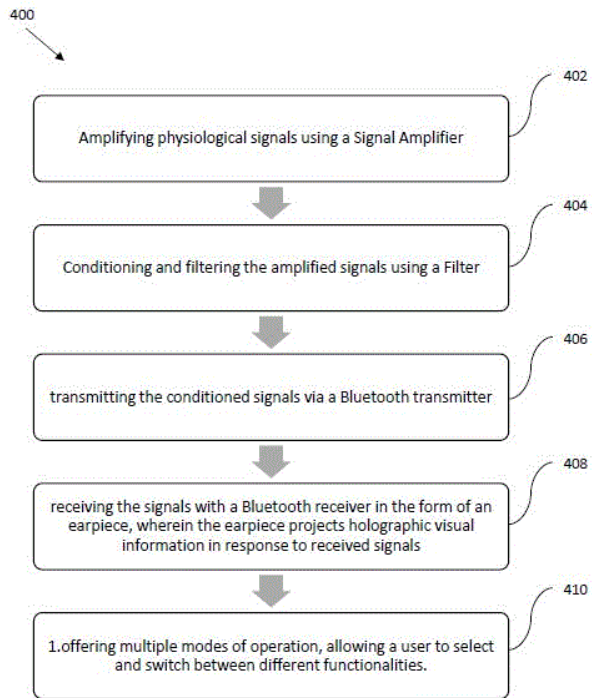
21: 2024/02663. 22: 2024/04/05. 43: 2024/10/08
51: A61K; C03C; C09K
71: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
72: AYYAPPANPILLAI, Ajayaghosh, PATRA, Dipak, POOPANAL, Sreejith Shankar
33: IN 31: 202113045339 32: 2021-10-04
54: TEMPERATURE PROGRAMMABLE SMALL MOLECULES FOR THERMORESPONSIVE SMART WINDOWS AND APPLICATIONS THEREOF

00: -
The present invention relates to design and applications of a class of water-soluble small molecules represented by formula 1. The said molecules, in their dilute aqueous solutions, exhibit lower critical solution temperature (LCST) phase transitions near room temperature, inducing a temperature triggered switching of opacity. Further, the present invention discloses a scalable smart window, akin to a radiative energy management system that can be incorporated into the built environment for imparting energy efficiency. The window fabrication is facile wherein the aqueous solution is sandwiched between two transparent glass panes to enable modulation of light and heat transmission. The dynamic window of present invention represents with multifarious applications in developing scalable, smart energy management systems for indoor building environments is envisioned to be a major contribution towards cost effective smart glass technologies.



21: 2024/02672. 22: 2024/04/08. 43: 2024/10/08
51: A61B; H04W
71: Sudhan S G, Abrina S J, Dr. Zeeshan Ali, K R Sibivardhan, Vijay Pratap Singh, Dr. Jyothsna Volisha Cardoza
72: Sudhan S G, Abrina S J, Dr. Zeeshan Ali, K R Sibivardhan, Vijay Pratap Singh, Dr. Jyothsna Volisha Cardoza
33: IN 31: 202441017393 32: 2024-03-11
54: AN ARTIFICIALLY INTELLIGENT MULTI-MODE DEVICE AND SYSTEM FOR WIRELESS PHYSIOLOGICAL MONITORING INTEGRATED WITH HOLOGRAPHIC FEEDBACK

00: -
The disclosed invention is a novel medical device 100 system designed for wireless physiological signal monitoring. This invention comprises a Signal Amplifier for amplifying physiological signals, a Filter for signal conditioning and noise reduction, a Bluetooth transmitter for wireless communication, and a Bluetooth receiver in the form of an earpiece. Notably, the earpiece is equipped with a holographic projection system, which presents real-time holographic visual information in response to the reception of physiological signals, enhancing the user's experience and understanding of the data. The artificial intelligence algorithms in the device offers multiple modes of operation, including monitoring, diagnostic, personalized health care recommendations, predictive analysis, continuous learning and development, data security & privacy and training modes, making it a versatile tool for healthcare professionals.



21: 2024/02677. 22: 2024/04/08. 43: 2024/10/08
51: B01D

71: SOOCHOW UNIVERSITY

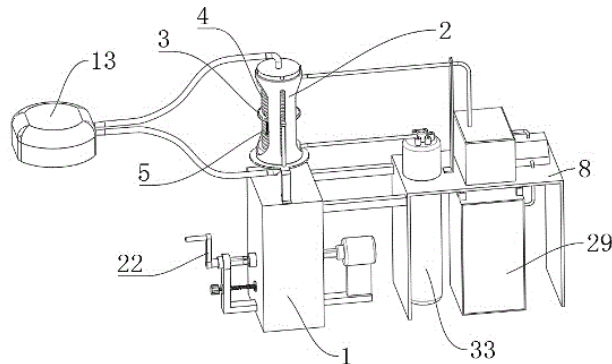
72: YANG, Yufan, WANG, Yu, YE, Jianqin, DING, Jun, XU, Shangxian, MA, Zhengmin, ZHAO, Dan, ZHU, Yajuan, KUAI, Lingyu, JI, Fuhai, PENG, Ke, WANG, Yulan, SHAN, Xisheng, LIU, Huayue, MENG, Xiaowen, XU, Qiya, YANG, Guowang, LEI, Yishan, BI, Guorong, LI, Wenting, ZHANG, Mian, WANG, Yichan, LI, Lin, HUO, Wenwen, LIU, Linlin

54: WASTE ANESTHETIC GAS EXTRACTION DEVICE AND ANESTHETIC APPARATUS

00: -

The invention relates to the technical field of medical devices, and specifically discloses a waste anesthetic gas extraction device and an anesthetic apparatus. The waste anesthetic gas extraction device includes a first support table. A top of the first support table is vertically provided with a cylindrical block, and an inside of the cylindrical block is slidably provided with an intermediate circular plate. Upper and lower sides of the intermediate circular plate are respectively butted with a first airbag and a second airbag, and the first airbag and the second airbag are respectively provided with a first butting box and a second butting box capable of being threadedly connected with the cylindrical block. A bottom of the first support table is provided with a driving mechanism for driving the intermediate

circular plate to move up and down. A side edge of the first support table is provided with a second support table, and a collecting mechanism for collecting waste gases is arranged on the second support table. The invention can ensure waste anesthetic gases to be effectively extracted without leakage, thereby ensuring safety of medical staff. Moreover, the invention can be used in a case of power failure, and has high flexibility in use.



21: 2024/02688. 22: 2024/04/08. 43: 2024/10/14
51: G01N

71: ANHUI UNIVERSITY OF SCIENCE AND TECHNOLOGY

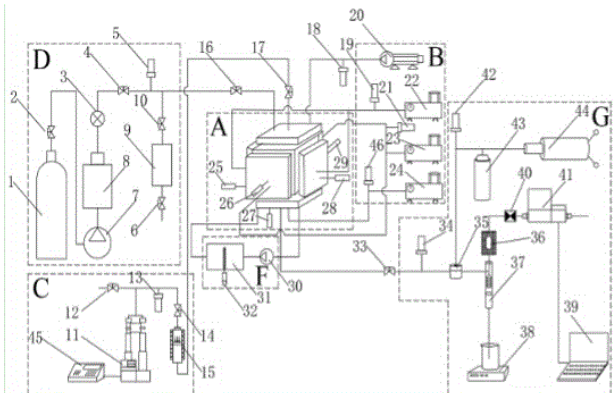
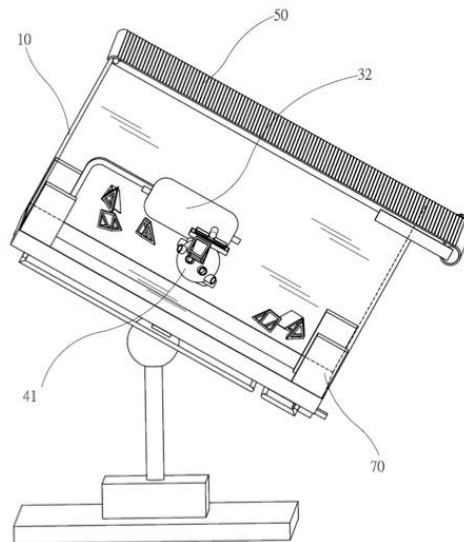
72: ZHENG, Chunshan, HAN, Feilin, XUE, Sheng, JIANG, Bingyou, LI, He, ZHENG, Xiaoliang, LI, Yaobin, REN, Bo, ZHENG, Yuannan, ZHAO, Yang
33: CN 31: 202310758563.6 32: 2023-06-26

54: COAL PERMEATION-WETTING EXPERIMENT SYSTEM BASED ON SOLUTION IN-SITU PRESSURE INJECTION

00: -

The invention discloses a coal permeation-wetting experiment system based on solution in-situ pressure injection, belonging to the field of coalbed methane/coal seam gas extraction. The experiment system is implemented by the following steps: a coal sample is pushed into a high-pressure chamber; a stress loading and control device is used to perform three-dimensional pressurization; a gas injection device is used to perform gas adsorption on the coal sample; a temperature control device is used to heat the coal sample and a gas and control temperatures; an in-situ pressure injection device is used to inject a liquid into the coal sample; an acoustic emission device is used to monitor damage, crack initiation and propagation, and distribution characteristics of coal; and a data acquisition and control device is used to record parameters such as three-

dimensional stress, gas pressures, water injection pressures and temperatures during testing. Test results of the system can provide theoretical and scientific basis for pressure injection of a solution into coal seams to increase permeability and enhance wettability, which improves a coal seam gas extraction rate and a dust control effect and is of great significance for safe and efficient mining of deep coal seams and occupational health.

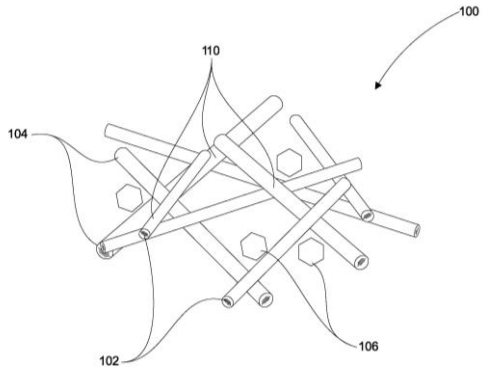


21: 2024/02694. 22: 2024/04/08. 43: 2024/10/10
 51: F24S
 71: WINNER TECHNOLOGY CO., LTD.
 72: LIN, Chih-shen
 33: CN 31: 202111197780.X 32: 2021-10-14
54: SOLAR ENERGY STORAGE AND POWER GENERATION SYSTEM

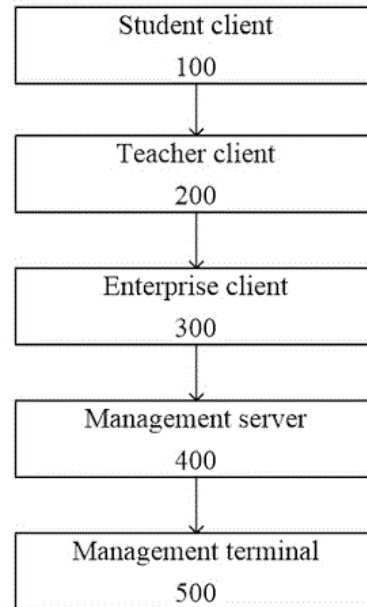
00: -
 A solar energy storage and generation system comprises a housing mounted on a base, a solar collector installed inside the housing, at least one lens installed on the upper surface of the housing, and multiple liquid-level counterbalance devices installed separately at different corner positions inside the housing. The base includes a multi-axis adjustment device positioned corresponding to the center of gravity of the counterweights in the housing. By installing the liquid-level counterbalance devices inside the housing and the multi-axis adjustment device, the upper surface of the housing can be adjusted to face the direction of the sun, thereby achieving a sun-tracking effect.

21: 2024/02707. 22: 2024/04/08. 43: 2024/10/10
 51: B32B; C08K; C08L; H05B; B82Y
 71: FLEXAHOPPER PLASTICS LTD.
 72: SPENCELEY, James W., FAGHIHI, Farhad
54: ELECTROTHERMIC COMPOSITIONS AND RELATED COMPOSITE MATERIALS AND METHODS

00: -
 Compositions and methods are provided relating to electrothermic nanomaterial compositions for heating surfaces. Heating applications includes for rotomolding. The nanomaterial may include silver nanowires, silver nanoflakes, carbon nanotubes, carbon nanofibers, nano-graphite, and carbon black. The electrothermic composition may also include binders and solvents. Treatment of the electrothermic composition with coupling agents, silicone resin intermediates and binder resins are provided. Methods for producing electrical heating panels and heat generating film sheets are provided. Methods for manufacturing panels, film sheets, preparing surfaces with electrothermic compositions using am multi-layer process are also provided.



Management system for post internship of student

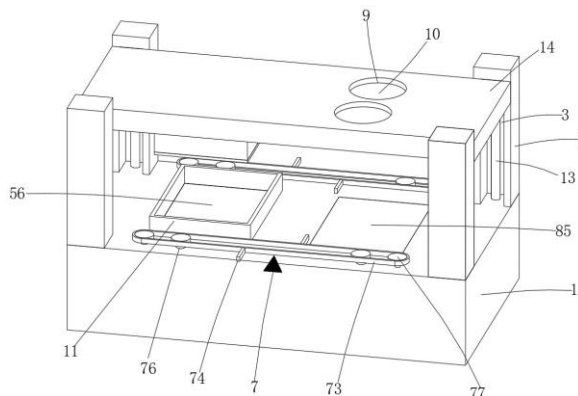
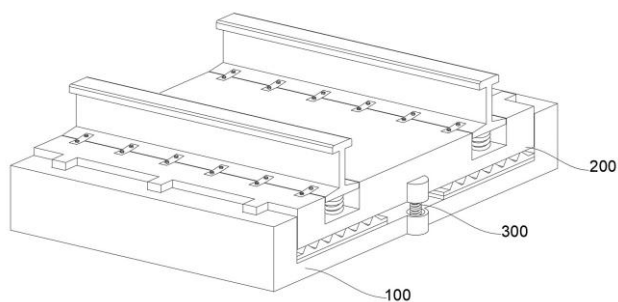


21: 2024/02714. 22: 2024/04/09. 43: 2024/10/10
 51: G06F
 71: Jiaxing Vocational and Technical College
 72: Zhe HE
54: MANAGEMENT SYSTEM FOR REMOTELY SUPERVISING POST INTERNSHIP OF COLLEGE STUDENT
 00: -

Disclosed is a management system for remotely supervising a post internship of a college student. The system includes a student client, a teacher client, an enterprise client, and a management server, where all clients are connected to one another through an Internet; and the student client consists of an application mounted on a mobile phone or a tablet computer of the student. Compared with traditional manual on-site supervision, the management system designed according to the present disclosure remotely supervises an entire internship process of the student, so that a supervision range is greatly expanded, supervision is more standardized, the student and an enterprise are free from regional restrictions, and the supervision is more comprehensive. Detailed data materials, such as text log, an on-site photo, etc. can be collected to avoid occurrence of a false internship phenomenon and ensure internship authenticity.

21: 2024/02715. 22: 2024/04/09. 43: 2024/10/10
 51: H04N
 71: Jiaxing Vocational and Technical College
 72: Zhe HE
54: RAIL VIBRATION AND NOISE REDUCTION DEVICE FOR URBAN RAIL TRANSIT TECHNICAL FIELD

00: -
 Disclosed is a rail vibration and noise reduction device for urban rail transit. The device includes a first connection assembly and a second connection assembly, where the second connection assembly is mounted in a middle of a top of the first connection assembly; several vibration reduction members configured for rail vibration and noise reduction of the urban rail transit are further arranged between the second connection assembly and the first connection assembly; and the second connection assembly includes a supporting base plate, where rail bodies are mounted on two sides of a top of the supporting base plate individually. The present disclosure successfully reduces noise pollution and environmental vibration during the operation of the urban rail transit through multi-aspect and multi-level vibration and noise reduction measures. Moreover, the device is convenient to mount and matches existing rails, and the rail bodies are not required to be modified.



21: 2024/02719. 22: 2024/04/09. 43: 2024/10/10
51: B01D

71: Jiaxing Vocational and Technical College
72: Zhe HE

54: FLEXIBLE GRAPHITE POLAR PLATE PREPARATION DEVICE AND PREPARATION METHOD THEREFOR

00: -
The present invention discloses a flexible graphite polar plate preparation device and a preparation method therefor. The device includes a workbench, where four fixed columns are fixedly connected to a top surface of the workbench, the four fixed columns are close to each other and provided with four sliding grooves, four sliding blocks are slidably connected inside the four sliding grooves, and the four sliding blocks are fixedly connected to a top plate on one side where they are close to each other. A molding assembly is arranged on one side of the workbench and one side of the top plate respectively, two through holes are formed on the other side of the top plate, two fans are fixedly connected inside the two through holes, and the molding assembly includes a pressing block, a pressing plate and a heating chamber I.

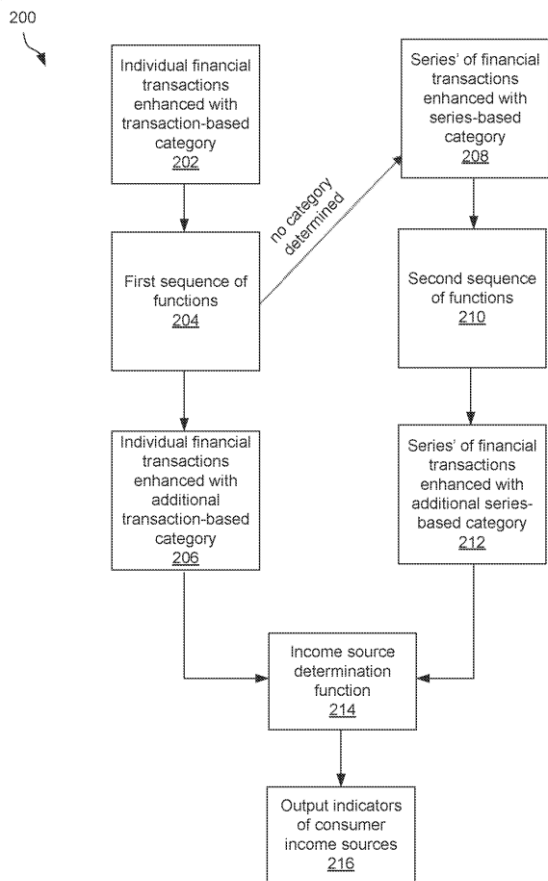
21: 2024/02727. 22: 2024/04/09. 43: 2024/10/14
51: G06Q

71: YODLEE, INC.
72: JAYARAMAN, Vijesh, MJ, Raghavendra Shyam, JANA, Sri Harsha, SURYANARAYANAN, Smitha, SINGH, Pramod

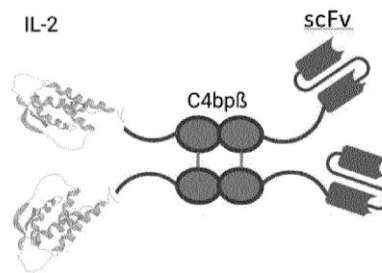
33: US 31: 17/511,426 32: 2021-10-26

54: FINANCIAL INFORMATION ENRICHMENT FOR INTELLIGENT CREDIT DECISION MAKING

00: -
As described herein, a system, method, and computer program are provided for financial information enrichment. Individual financial transactions of consumers are identified, each individual financial transaction enhanced with at least one transaction-based categorization. Series' of the financial transactions are identified, each series' enhanced with at least one series-based categorization. The individual financial transactions are processed utilizing a first sequence of functions to enhance one or more of the individual financial transactions with at least one additional transaction-based categorization. The series' of financial transactions are processed utilizing a second sequence of functions to enhance one or more of the series' of financial transactions with at least one additional series-based categorization. Sources of income are determined for the consumers, using the individual financial transactions enhanced with the additional transaction-based categorizations and the series' of financial transactions enhanced with the additional series-based categorizations.



A.



21: 2024/02734. 22: 2024/04/09. 43: 2024/10/10
51: D04B
71: Yin Hang
72: Yin Hang

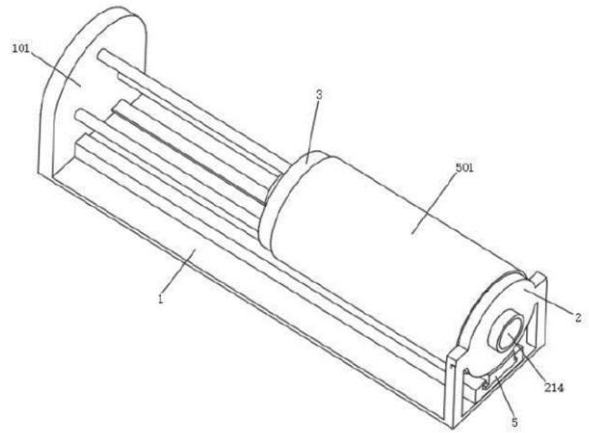
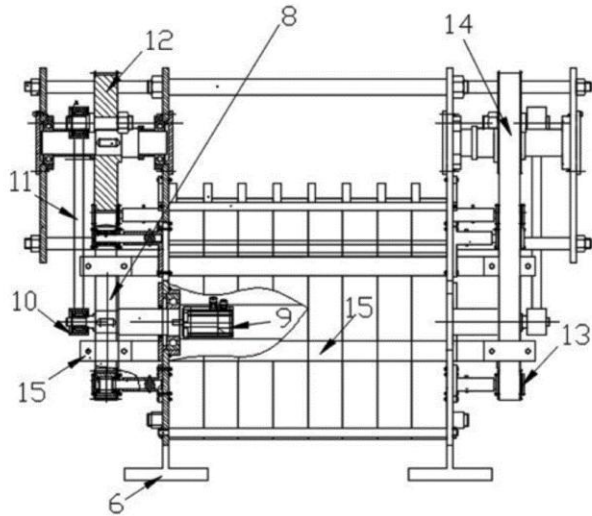
33: CN 31: 202310848418.7 32: 2023-07-12
54: SCUBA KNIT UNDERWEAR FOR CHILDREN AND PREPARATION PROCESS THEREOF

00: -
The invention discloses scuba knit underwear for children, which is made of scuba knit fabric. The scuba knit fabric is a double-sided warp-knitted three-layer structure consisting of an outer fabric layer, an intermediate air layer, and an inner fabric layer. The outer and inner fabric layers are woven with polyester fibers, while the intermediate air layer is woven with cotton fibers. An inner surface of the inner fabric layer is equipped with protrusions or at least one pair of tightening lining strips. For smaller sizes like S, M, and L, an inner layer of the scuba knit underwear for children is provided with protrusions, so as to increase the thickness of the air layer inside the clothing and promote the formation of a stationary air layer, thereby enhancing both the thermal resistance and moisture resistance, and providing thermal comfort. For larger sizes like XL and XXL, the inner layer of the scuba knit underwear for children is provided with a tightening structure to reduce the thickness of the air layer inside the clothing, thus preventing excessive heat loss caused by air convection, which may lead to a small increase in thermal resistance and thus affect thermal comfort.

21: 2024/02730. 22: 2024/04/09. 43: 2024/10/10
51: A61K; C07K; A61P
71: ILTOO PHARMA, SORBONNE UNIVERSITE, ASSISTANCE PUBLIQUE - HÔPITAUX DE PARIS, INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)
72: KLATZMANN, David, TEDGUI, Alain, VAZQUEZ, Thomas, BILLIALD, Nicolas
33: EP 31: 21306399.3 32: 2021-10-06

54: INTERLEUKIN 2 CHIMERIC CONSTRUCTS WITH TARGETING SPECIFICITY TO INFLAMED TISSUES

00: -
The present invention relates to a targeted chimeric construct, comprising i) an interleukin 2 (IL2) moiety and ii) a targeting moiety which binds to an oxidized protein or oxidized lipid. The targeting moiety is preferably an antibody or scFv binding specific oxidized proteins or oxidized lipids and targets the fusion protein to inflammatory tissues. The chimeric construct preferably further comprises a beta chain of the C4b-binding protein (C4BP), which is capable of forming a dimeric protein.



21: 2024/02735. 22: 2024/04/09. 43: 2024/10/10
51: F26B

71: Yin Hang

72: Yin Hang

33: CN 31: 202310971096.5 32: 2023-08-03

54: FABRIC DRYING DEVICE AND PROCESS FOR SMART SCHOOL UNIFORM PRODUCTION

00: -

The invention relates to the technical field of school uniform production, in particular to a fabric drying device and process for smart school uniform production. The fabric drying device for smart school uniform production comprises a fixed base, wherein a first mounting disc is fixedly installed at one end of a top of the fixed base in a supported manner, and a first rotating ring is rotatably installed on one side of the first mounting disc. Two fixing rods are respectively fixed at two ends of the preprocessed fabric, and then the two fixing rods are respectively inserted into fixing slots on two adjusting blocks, allowing the fabric to be wrapped around a first rotating ring and a second rotating ring under the action of the fixing rods. A movable base drives a drying cylinder to move to a designated position, so that the drying cylinder can dry the fabric. A second mounting disc is further provided, and high-temperature air in the drying cylinder can be guided to the inner side of the fabric through an air inlet groove, an air outlet groove and blowing units on the second mounting disc. This, in combination with the drying cylinder, allows for simultaneous drying of both sides of the fabric, thereby reducing energy consumption during the drying process.

21: 2024/02762. 22: 2024/04/10. 43: 2024/10/11
51: B23K

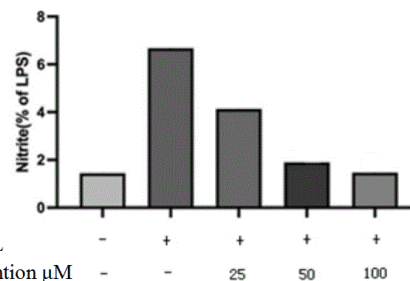
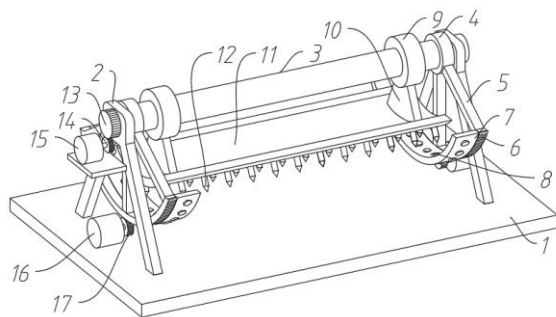
71: Binzhou Polytechnic

72: ZHAO Zhiqiang, ZHAI Wei, BI Yanliang, WANG Bin, CUI Wentao

54: WELDING DEVICE FOR SHIP PARTS

00: -

The invention belongs to the technical field of welding devices, in particular to a welding device for ship parts, which comprises a base, two support frames are fixedly installed at the top end of the base, a rotating shaft is rotatably connected between the two support frames, two ends of the rotating shaft are respectively sleeved with a turntable, the side wall of the turntable is fixedly connected with a connecting rod, the end of the connecting rod far from the turntable is provided with a fixing assembly for fixing the bottom plate of the ship, a driving assembly for driving the fixing assembly to rotate is fixedly arranged on the base, and a pressing assembly for preventing the welding deformation of the bottom plate of the ship is arranged on the rotating shaft. The pressing assembly is located between the two turntables, and the pressing assembly is arranged above the fixing assembly. The invention can improve welding efficiency and welding accuracy.



21: 2024/02763. 22: 2024/04/10. 43: 2024/10/11
51: A61K

71: Inner Mongolia Minzu University
72: LI Huifang, LA Xinamujila, XU Yanhua, TA Na
33: CN 31: 2023103936510 32: 2023-04-13

54: TRADITIONAL CHINESE MEDICINE COMPOSITION OF HOSTA FLOWER FOR TREATING RHINITIS

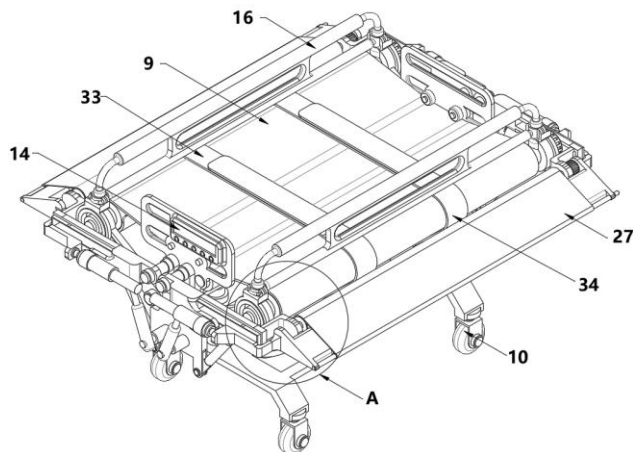
00: -
The invention relates to a traditional Chinese medicine composition of hosta flower, and relates to the technical field of traditional Chinese medicine composition. The traditional Chinese medicine composition of the invention comprises the following components in mass proportion: 3-5 parts of hosta flower extract, 2-3 parts of Chebule extract and 0.05-0.08 parts of tea saponin; on the basis of the traditional Chinese medicine composition, a traditional Chinese medicine nasal spray for hosta flower is prepared. Every 100mL of the medicine contained 3-5g hosta flower extract, 2-3g Chebule extract, 0.05-0.08g tea saponin, 10-20mL propylene glycol and water for injection. The invention adopts only two medicinal herbs of hosta and Chebule as the main raw materials, and the prepared medicine not only realizes the excellent therapeutic effect of allergic rhinitis, but also effectively improves the present situation of the complicated pharmaceutical taste used in the treatment of allergic rhinitis by Chinese medicine, and provides a new idea and research direction for the treatment of allergic rhinitis by Chinese medicine.

21: 2024/02768. 22: 2024/04/10. 43: 2024/10/11
51: A61G

71: Jiangsu Province Academy of Traditional Chinese Medicine (Jiangsu Province Hospital of Integration of Chinese and Western Medicine)
72: ZHOU Jian, WANG Bei, ZHOU Qian, QIN Tifang, CHENG Jingjing

54: A TRANSFER BED WITH AUXILIARY CARE STRUCTURE

00: -
The disclosure provides a transfer bed with auxiliary care structure comprising a load frame, wherein a bed frame which can be lifted and lowered is mounted on a top surface of the load frame, a support frame which can be lifted and lowered is mounted on the top surface of the bed frame, two sac rolls which are symmetrically disposed are rotationally connected between inner surfaces of the support frame, two turnover frames which are symmetrically disposed are hinged at a surface of the bed frame, a set of adjustable arm push rod is hingedly connected between opposite surfaces of the two turnover frames and the bed frame, main rollers driven by the winding motor are rotationally connected to inner surfaces of the two turnover frames, and bedclothes are rolled up between opposite surfaces of the two main rollers, a transferring mechanism is mounted at each of two sides of the bed frame, a screw rod pitch module is mounted at a bottom of the bed frame, two binding assemblies which are symmetrically provided and have adjustable spaces are connected to a peripheral side of the screw rod pitch module. When in operation, through the turnover frame, the bedclothes, the main winding rolls and the sub-winding rolls, it enables the device to efficiently complete the inward transfer and outward transfer operations of the patient in an automated manner.



21: 2024/02781. 22: 2024/04/10. 43: 2024/11/08
51: D04B

71: INNER MONGOLIA Kingdeer Cashmere Company Limited

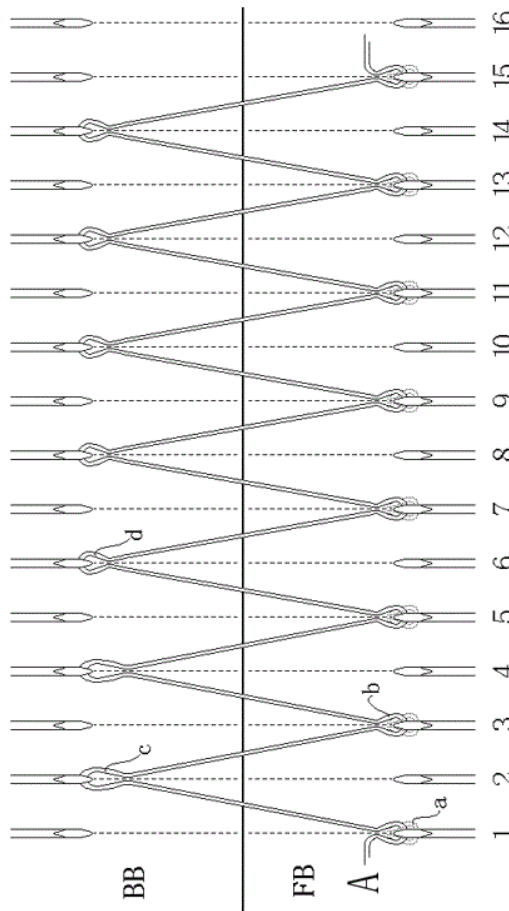
72: Xinquan WANG, Yuyan WANG, Hui DING

33: CN 31: 2023113380648 32: 2023-10-16

54: KNITTED FABRIC WITH TASSEL STRUCTURE AND KNITTING METHOD

00: -

The present invention discloses a method for knitting a tassel structure, which comprises: demarcating a tassel structural region on a base tissue, the tassel structural region comprising a fringe structure and a double wicker structure, and the fringe structure being located at an accessory position of the double wicker structure; knitting a tassel structure on the basis of the base tissue, and knitting the fringe structure on the accessory position of the double wicker structure; and in a region where the double wicker structure and the tassel structure are located on a front needle bed and a rear needle bed, circularly knitting a reverse needle loop and a forward needle loop, so that the tassel structure is connected to side portions of the double wicker structure to form the tassel structure. The present invention knits a fringe structure with a tassel effect on an accessory position of a knitted fabric product.



21: 2024/02805. 22: 2024/04/11. 43: 2024/10/11
51: A01K

71: Institute of Animal Science and Veterinary Medicine, Shandong Academy of Agricultural Sciences, ANCHEE(SHANDONG) ACADEMY OF ANIMAL NUTRITION Co. LTD

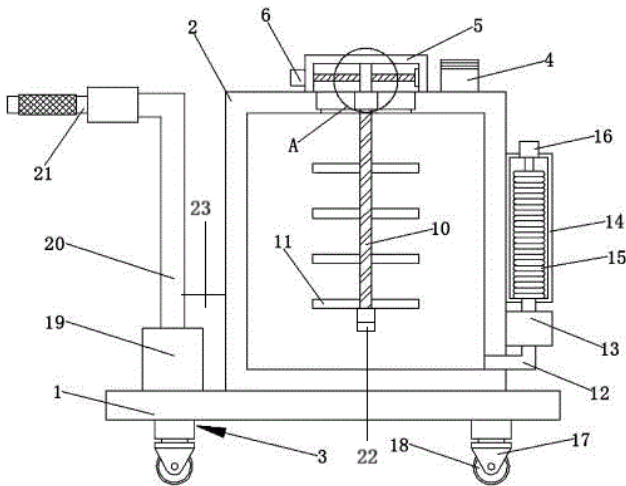
72: GUO Jianfeng, DU Yushi, LIU Xiaohui, LIN Haichao, ZHAO Xueyan, WANG Yanping

54: SPRAY DEODORIZING DEVICE FOR PIGSTY

00: -

The invention belongs to the technical field of deodorizing devices, in particular to a spray deodorizing device for pigsty, which comprises a base, a spray box, a fixed box and a buffering device, where the right side of the top of the base is connected with the spray box by bolts, the top of the spray box is communicated with a water inlet pipe, the center of the top of the spray box is provided with a chute, a rotary motor is slidably connected in the chute, a through hole communicated with the inside of the spray box is vertically formed on the inner bottom wall of the chute, a stirring rod is

arranged in the through hole, and the top of the stirring rod extends into the chute, and is fixedly connected with the output end of the rotary motor; the stirring rod is arranged in the spray box, and a plurality of groups of stirring blades are fixedly welded on the side wall; the side wall of the stirring rod is provided with a plurality of air outlets; the bottom end of the stirring rod is communicated with a pneumatic rotary joint; an air pump is fixedly installed on the base; and the air pump is fixedly communicated with the pneumatic rotary joint through a spiral air pipe; buffering devices are fixedly welded around the bottom of the spray box. The invention has simple structure, large-scale spray dust removal function and strong practicability.



21: 2024/02812. 22: 2024/04/11. 43: 2024/10/16
51: A61L

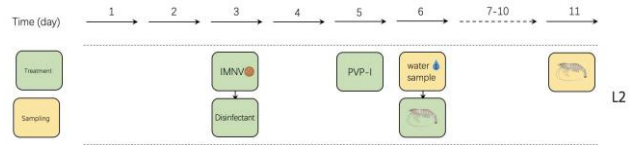
71: Hainan Tropical Ocean University
72: Mingshu Yang, Qingli Zhang

54: METHOD FOR ELIMINATING INFECTIOUS MYONECROSIS VIRUS OF SHRIMP IN AQUACULTURE WATER

00: -

The invention relates to the technical field of disinfection method, in particular to an eliminating infectious myonecrosis virus (IMNV) of shrimp in aquaculture water, including the following steps: Permonosulfate (PMS) is added to seawater containing IMNV to achieve a concentration of 10ppm. After static exposure for 48 hours, PVP-I with a concentration of 1 ppm was added for static exposure for 24 hours. The beneficial effects of the invention are as follows: the method of eliminating the IMNV of shrimp in aquaculture water by PMS +

PVP-I is combined with biosecurity measures, strict quarantine protocols and appropriate pond management practices under the condition of short time and low cost, such as environmental and seedling disinfection, early detection and treatment.



21: 2024/02840. 22: 2024/04/12. 43: 2024/10/17
51: F16M

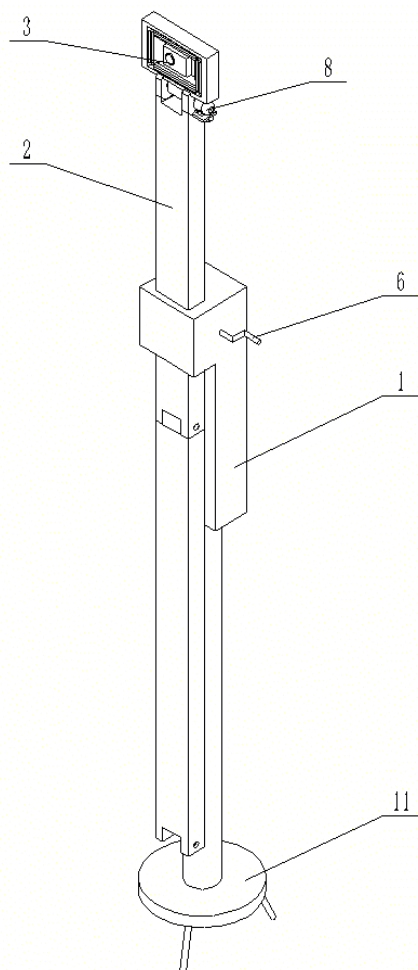
71: Hunan City University

72: ZHANG Kai

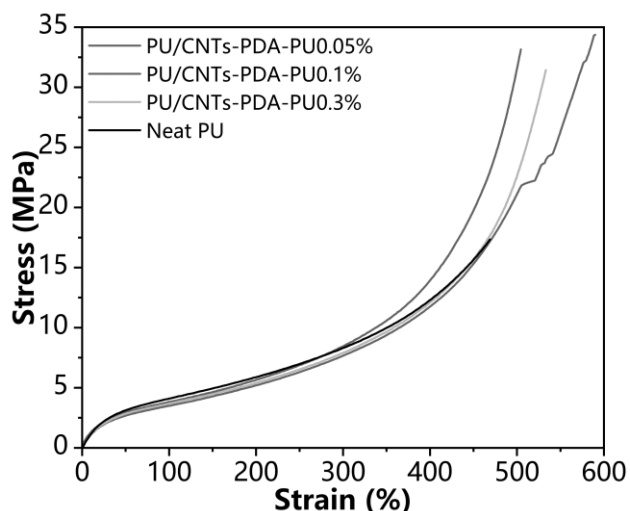
54: BRIDGE BEAM BODY INSPECTION DEVICE

00: -

The invention belongs to the technical field of bridge detection equipment. The invention discloses a bridge beam body inspection device, which comprises a frame with a cavity inside, and a driving part is arranged in the cavity; an extension rod, which is arranged on the frame and connected with the driving part, so that the driving part drives the extension rod to move in the vertical direction, and the top of the extension rod is fixed with a rotating part; a camera unit which is connected to the top of the extension rod, the camera end of the camera unit is configured to correspond to the beam body and acquire the disease information on the surface of the beam body, and the camera unit is connected to the driving end of the rotating part so that the camera unit can rotate relative to the extension rod. According to that invention, the extension rod can be matched with the driving part, and the camera unit can be adjusted in the height direction, so that the camera unit can be raised to the height of the beam body and fed back, and the operation is simple, the safety is high, and the observation accuracy is high.



component A of the synthetic PU, and cured to finally obtain the functionalized CNT/PU composite material having an excellent mechanical property and damping property. The CNTs are modified by a covalent and non-covalent combination to improve interface interaction between the CNTs and a matrix. Moreover, a preparation process for the composite material is optimized to improve dispersibility of the CNTs in the matrix, thereby achieving multi-stage hydrogen bonding and chemical bonding between the CNTs and the PU matrix. A mechanical property and a damping property of a PU elastomer can be significantly improved after the CNTs are covalently and non-covalently modified.



21: 2024/02845. 22: 2024/04/12. 43: 2024/10/17
51: C08G
71: Beijing Institute of Technology
72: Meishuai Zou, Hao Jiang, Xiaodong Li, Xing Su, Yi Yang, Xiaoxuan Wang
33: CN 31: 202310414090.8 32: 2023-04-18
54: FUNCTIONALIZED CARBON NANOTUBE/POLYURETHANE COMPOSITE MATERIAL AND PREPARATION METHOD THEREFOR

00: -

The disclosure relates to a functionalized carbon nanotube (CNT)/polyurethane (PU) composite material and a preparation method therefor, and belongs to the technical field of nanocomposite materials. CNTs are modified with dopamine and a PU chain to obtain a covalently and non-covalently co-modified functionalized CNTs-polydopamine (PDA)-PU, and then the functionalized CNT is added into a component B of synthetic PU, mixed with a

21: 2024/02860. 22: 2024/04/12. 43: 2024/10/17
51: A61K
71: LABORATORIOS FARMACÉUTICOS ROVI, S.A.
72: GUTIERRO ADURIZ, Ibon, FRANCO RODRIGUEZ, Guillermo
33: US 31: 63/246,446 32: 2021-09-21
33: US 31: 63/310,884 32: 2022-02-16
54: ANTIPSYCHOTIC INJECTABLE EXTENDED-RELEASE COMPOSITION

00: -

A long-acting injectable sustained release composition having at least drug, solvent, and RIGA copolymer is provided. The composition exhibits improved pharmaceutical performance due to the use of advantageous grades of RIGA polymer with improved particle size distribution.

21: 2024/02887. 22: 2024/04/15. 43: 2024/10/17

51: G06N

71: Dr. Gandhi Prasanna Lakshmi, Dr. Pawan R Bhaladhare, Rahul Choudhary

72: Dr. Gandhi Prasanna Lakshmi

33: IN 31: 202421015672 32: 2024-03-03

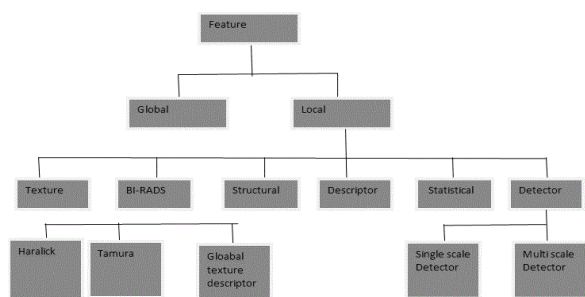
54: A CNN AND RBM TECHNIQUES COMBINED METHOD FOR ENHANCED CLASSIFICATION OF BREAST CANCER IMAGES

00: -

The present invention discloses a novel approach for improving the accuracy and reliability of breast cancer image classification by integrating Convolutional Neural Network (CNN) (102) and Restricted Boltzmann Machine (RBM) (104) techniques. Traditional methods for classifying breast cancer images often encounter challenges related to feature extraction and model robustness. By combining CNN's (102) ability to learn hierarchical features from raw image data with RBM's (104) capability to capture higher-order dependencies among features, the proposed system achieves enhanced classification performance. Pre-processing techniques are employed to extract relevant features from breast cancer images, which are then fed into a CNN (102) for initial classification. Subsequently, RBM (104) is utilized to refine the classification results by capturing intricate relationships among features. The fusion of CNN and RBM (100) outputs results in improved accuracy and reliability of breast cancer image classification, paving the way for more effective diagnosis and treatment planning in clinical settings.

00: -

The present disclosure provides a green ionic oxygen disinfectant and a preparation method and application thereof, and relates to the field of preventive medicine environmental protection. The green ionic oxygen disinfectant is prepared from following raw materials in parts by weight: 6-10 parts of reactive oxygen ORP solution, 1.0-2.0 parts of EDTA-2 sodium stabilizer, 0.2-0.5 parts of polyvinyl alcohol protectant, 0.5-1.0 part of water-soluble nano-titanium, 0.1-0.3 parts of lavender extract, 0.3-0.6 parts of chitosan, 0.1-0.3 parts of allantoin and 85-92 parts of deionized water. According to the present disclosure, by improving a combined material structure of a strong oxidant, the strong oxidant is kept at oxidization and high efficiency of sterilization, toxic and side effects and shortcomings are removed, the application range is widened, so as to achieve the purposes of green disinfection and safe use, and the strong oxidant can be widely applied to various fields such as sanitation and disinfection and air purification.



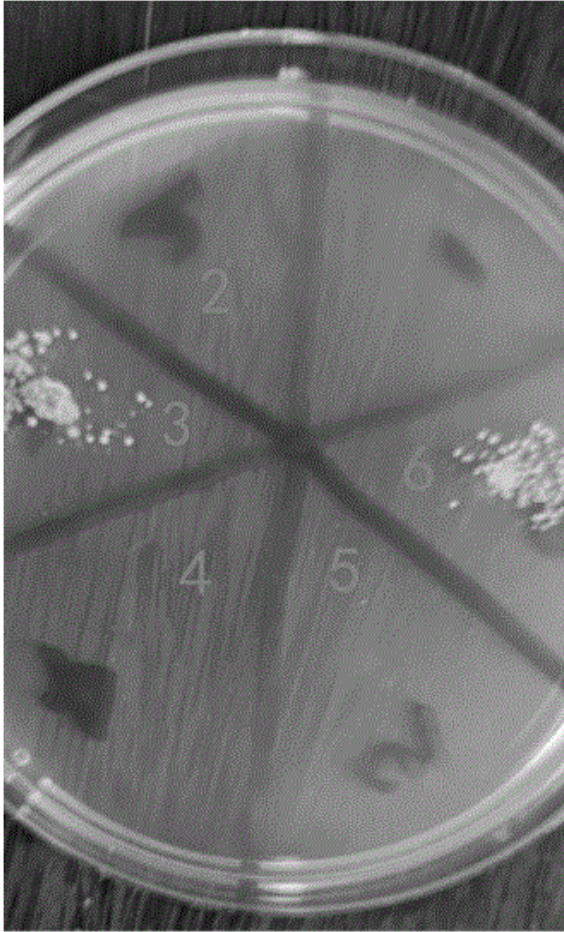
21: 2024/02888. 22: 2024/04/15. 43: 2024/10/17

51: A01N

71: Weijing Wang

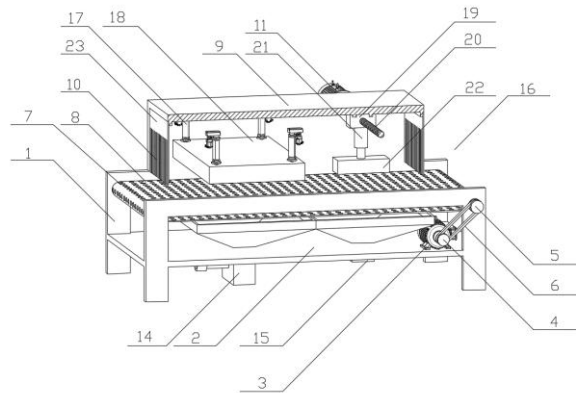
72: Weijing Wang, Congmin Wang, Zhenjun Lan, Hongyan Mo, Meiling Yuan, Zhixin Tang, Chaohui Luo, Bin Wen

54: GREEN IONIC OXYGEN DISINFECTANT AND PREPARATION METHOD AND APPLICATION THEREOF



21: 2024/02890. 22: 2024/04/15. 43: 2024/10/17
 51: B28D
 71: Jiaxing Vocational & Technical College
 72: KONG Xiangjin
54: HIGH PRECISION CUTTING AND GRINDING INTEGRATED EQUIPMENT
 00: -
 The invention discloses a high precision cutting and grinding integrated equipment, which comprises a base, wherein: a guard plate is installed inside the base through a bolt, and an exhaust mechanism and a slagging mechanism are arranged on the upper side of the guard plate; the upper side of the base is welded with a housing, wherein the housing is provided with a cutting mechanism and a grinding mechanism; two sides of the housing are provided with a shielding plate through a bolt; the internal grinding mechanism is provided with a fixing mechanism. By setting an exhaust mechanism, a cutting mechanism, a grinding mechanism, a fixing mechanism, a shielding plate and a slagging

mechanism, the invention solves that sheet metal cutting equipment and sheet metal polishing equipment need to be used together when cutting and polishing sheet metal parts, and irritating gas will be produced when cutting sheet metal parts by laser, thus affecting the physical and mental health of the operator. When polishing sheet metal parts, it is necessary to fix them with a fixed fixture, and the debris generated during polishing is not easy to collect.

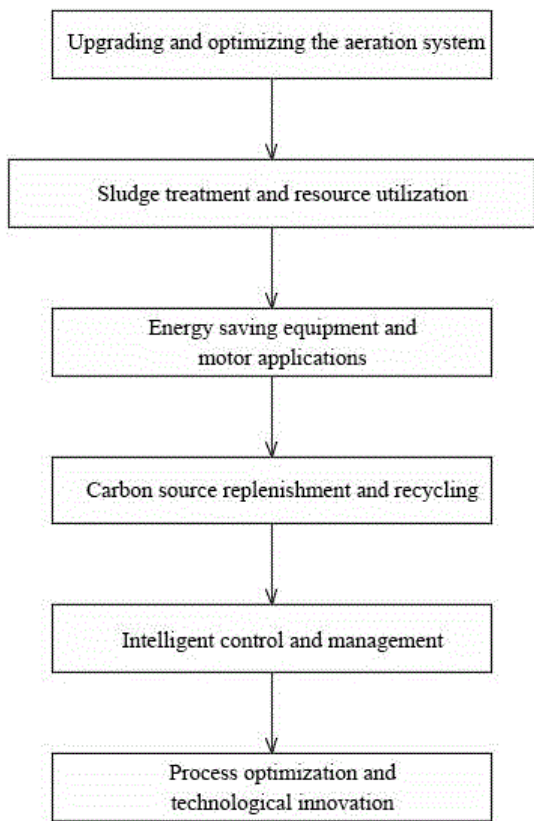


21: 2024/02891. 22: 2024/04/15. 43: 2024/10/17
 51: C02F
 71: ANHUI UNIVERSITY OF SCIENCE & TECHNOLOGY
 72: Xia Yang, Gang He

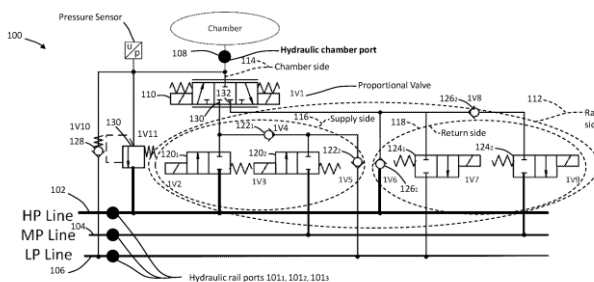
54: A METHOD OF CARBON REDUCTION IN SEWAGE TREATMENT

00: -
 The invention relates to the technical field of sewage treatment, in particular to a method of carbon emission reduction in sewage treatment, including the following steps: Upgrading and optimizing the aeration system; Sludge treatment and resource utilization; Energy saving equipment and motor applications; Carbon source replenishment and recycling; Intelligent control and management; Process optimization and technological innovation; The beneficial effects are as follows: Through comprehensive application of measures and technical means such as aeration system upgrade and optimization, sludge treatment and resource utilization, energy-saving equipment and motor application, carbon source supplement and recycling, intelligent control and management, process optimization and technological innovation, energy consumption and carbon emissions of

sewage treatment plants can be effectively reduced, and green and low-carbon development can be achieved; It further solves the problem that the carbon emission reduction effect of existing sewage treatment is not good.



chamber ports each coupled to a chamber of one or more actuators, N proportional valves each corresponding to one of the N hydraulic chamber ports, X sets of on-off valves and check valves coupling two or more hydraulic rail ports to each of supply sides of each of the N proportional valves, and Y sets of on-off valves and check valves coupling two or more hydraulic rail ports to each of return sides of each of the N proportional valves, and a controller configured to in real-time operate the N proportional valves and the associated on-off valves to achieve one or more desired functional parameters.



21: 2024/02914. 22: 2024/04/15. 43: 2024/10/17
 51: E02F; F15B
 71: PURDUE RESEARCH FOUNDATION, WIPRO ENTERPRISES PVT LTD.
 72: BERTOLIN, Mateus, GUO, Xiaofan, VACCA, Andrea, NILSSON, Jan
 33: US 31: 63/257,537 32: 2021-10-19
 33: US 31: 63/257,540 32: 2021-10-19
 33: US 31: 63/257,545 32: 2021-10-19

54: METHOD AND SYSTEM FOR A FLOW-ISOLATED VALVE ARRANGEMENT AND A THREE-CHAMBER CYLINDER HYDRAULIC ARCHITECTURE

00: -
 A hydraulic circuit is disclosed which includes one or more i) linear; or ii) rotary hydraulic actuator, wherein total number of cylinder chambers is N, M pressure rails, a valve arrangement, including M hydraulic rail ports each coupled to a pressure rail, N hydraulic

21: 2024/02932. 22: 2024/04/16. 43: 2024/10/18
 51: A63F
 71: NOVA WEEKLY ENTERTAINMENT COMPANY LIMITED
 72: HUANG, Zhenhui
 33: HK 31: 32021041476.1 32: 2021-10-29
54: SYSTEM AND METHOD FOR CASINO GAME
 00: -

A system and method for a casino game. The system comprises: a table unit, which comprises processing units connected to each other in an operable manner, one or more removable and activatable player units and a removable and activatable banker unit, wherein each player unit comprises a removable and activatable player chip carrying apparatus unit or is configured to receive same, or is joint with the player chip carrying apparatus unit; the banker unit comprises a removable and activatable banker chip carrying apparatus unit or is configured to receive same, or is joint with the banker chip carrying apparatus unit; and the table unit and/or the player unit and the banker unit further comprise a wagering area for a first half of a game and a wagering area for a second half of the game, so as to receive a wager of at least one player and/or a wager of a banker for a game result during the first half of the game and/or the

second half of the game, and to determine and show a wager of a winner player and/or the wager of the banker during the first half of the game and the second half of the game. The player/banker chip carrying apparatus unit has a simple structure and rational design, is convenient to carry, has a low cost, and can be widely used by casino players.

21: 2024/02947. 22: 2024/04/17. 43: 2024/10/18
51: B01J

71: Ningxia Xinlong Lantian Technology Co., Ltd.

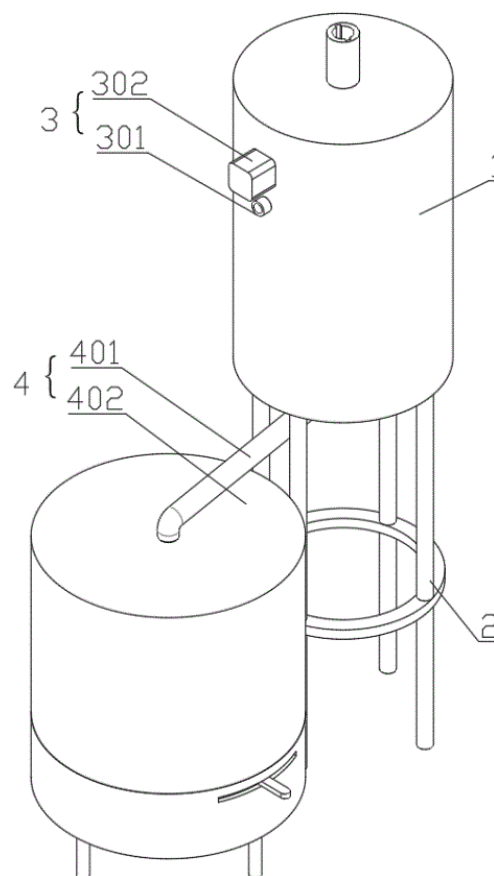
72: CHANG Bing'en, LI Qing, SUN Yumei

33: CN 31: 2023116444745 32: 2023-12-04

54: SOAK DEVICE AND METHOD FOR LOW-MERCURY CATALYST PRODUCTION

00: -

The invention discloses a soaking device and a method for low-mercury catalyst production, in particular to the technical field of low-mercury catalyst production equipment. A reaction cylinder is fixedly installed on the supporting tripod, and the stirring mechanism is arranged inside the reaction cylinder, and the stirring mechanism heats and stirs the raw materials in the cylinder and scrapes off the raw materials on the cylinder wall; the reaction cylinder is fixedly connected with the separating mechanism, and the separating mechanism performs centrifugal separation and air drying on the mixture. The invention has the advantages of full stirring, automatic cleaning of attached raw materials and more thorough solid-liquid separation.



21: 2024/02951. 22: 2024/04/17. 43: 2024/10/18
51: A01K

71: Institute of Hydrobiology, Chinese Academy of Sciences, Honghu Liancheng Ecological Agriculture Co., Ltd.

72: LI Wei, XU Dengge, ZHANG Tanglin, YUAN Jing, LIAO Chuansong, LIU Jiashou, XI Yewen, LI Mingwen, GUO Chao

54: ECOLOGICAL AND EFFICIENT COMPREHENSIVE PLANTING AND BREEDING METHOD OF ZIZANIA LATIFOLIA-CHANNA ARGUS-PELODISCUS SINENSIS

00: -

The invention discloses an ecological and efficient comprehensive planting and breeding method of *Zizania latifolia*-*Channa argus*-*Pelodiscus sinensis*, belonging to the technical field of modern ecological agriculture. The method comprises the following steps: excavating an annular fishing ditch at a distance of 1.0-2.0 m from the bottom of the ridge in the *Zizania latifolia* field, heightening the ridge by using earthwork excavated from the fishing ditch, diagonally arranging water inlets and outlets in the

fishing ditch, and respectively arranging filter screens at the water inlets and outlets; and setting a food table every 2-3 mu in the *Zizania latifolia* field; and after the survival of *Zizania latifolia*, raising the fry of *Channa argus* and *Pelodiscus sinensis* in the fishing ditch for comprehensive planting and breeding. Based on the principles of circular economics and ecology, the invention combines the nutritional physiology and environmental adaptability characteristics of *Zizania latifolia*, *Channa argus* and *Pelodiscus sinensis*, so that *Zizania latifolia*, *Channa argus* and *Pelodiscus sinensis* can coexist mutually in the same system, and realize the coordination and unification of efficient utilization of water space, remarkable improvement of economic benefits, remarkable improvement of breeding environment and quality assurance of aquatic products.

21: 2024/02952. 22: 2024/04/17. 43: 2024/10/18
51: C12N

71: Chinese Academy of Tropical Agricultural Sciences Environment and Plant Protection Institute
72: YU Qunfang, QI Yanxiang, ZHANG He, ZHANG Xin, ZENG Fanyun, PU Jinji

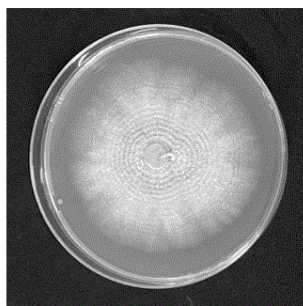
33: CN 31: 2024101044049 32: 2024-01-25

54: BACILLUS STERCORIS AND APPLICATION THEREOF

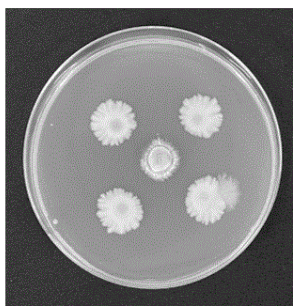
00: -

The invention discloses a *Bacillus stercoris* and application thereof, and belongs to the technical field of agricultural microorganisms. The invention screens a new strain of *Bacillus stercoris* from banana rhizosphere soil, and the preservation number of the strain is GDMCC No:64032. The *Bacillus stercoris* has broad-spectrum antibacterial activity against a variety of plant pathogenic fungi, and can effectively inhibit 8 plant pathogenic fungi, with the antibacterial rate of 73.07-85.96 percent. The sterile filtrate of *Bacillus stercoris* can inhibit the growth of *Cordana musae*, and the inhibition rate of 30 percent sterile filtrate on *Cordana musae* is 79.17 percent. At the same time, spraying *Bacillus stercoris* biocontrol bacteria solution can significantly reduce the harm of pathogenic bacteria to bananas. The invention provides new microbial strains and control methods and strategies for the control of plant pathogenic fungi, and has good biological control effect.

A



B



21: 2024/02960. 22: 2024/04/17. 43: 2024/10/18
51: A47B

71: Mirza Faizan

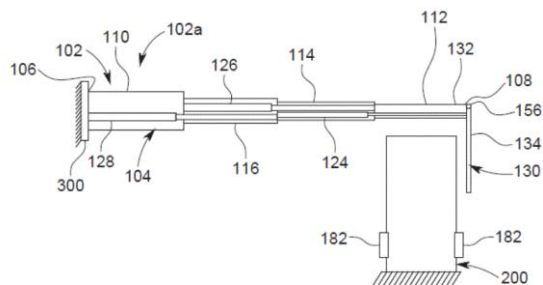
72: Mirza Faizan, Isha Agrawal, Nithyashri Ramesh, Sooryavanshi Narayanan, Sanjiv Sridharan, Hisham Ahmad, Vishy Narayanan, Sheza Asif, Nihal Yerubandi, Sparsh Kamdar, Nakshatra Piduri, Raahi S Jogani, Sofia Sethuraman, Mirza Rizwan, Ashaz Haque, Aarifa Fatima, Saadia Asaf, Mansoor Hasan Khan

33: US 31: 18581067 32: 2024-02-19

54: STABILIZER SYSTEM FOR CONTROLLING TIPPING OF FURNITURE

00: -

A stabilizer system for controlling a tipping of a furniture includes at least one stabilizer assembly coupled to a wall and including a telescopic rod configured to telescopically extend and retract and an engagement structure coupled to the telescopic rod, and configured to be arranged in an expanded configuration and a stowed configuration. In the expanded configuration, the engagement structure is arranged to contact the furniture. A plurality of weight sensors is coupled to the furniture and configured to detect a weight imbalance of the furniture. A controller is configured to extend the telescopic rod to engage the at least one stabilizer assembly with the furniture to prevent the tipping of the furniture in response to the detected weight imbalance being above a predefined limit.



21: 2024/02962. 22: 2024/04/17. 43: 2024/10/18

51: B65D

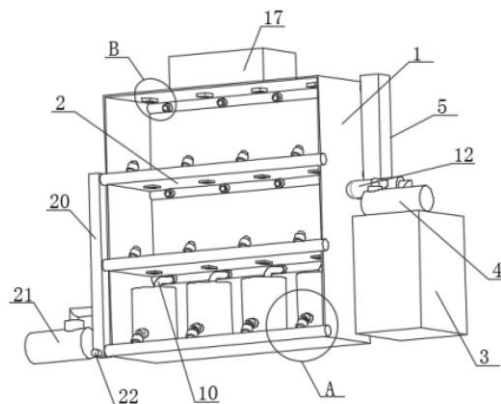
71: Guangzhou College of Technology and Business

72: Mei Xiuqin, Wu Fuhai

54: A PLANT TRANSPORT PRESERVATION DEVICE

00: -

The present invention discloses a plant transport preservation device, which relates to the field of plant preservation. The invention comprises a support frame, support plates fixedly arranged on the inner side of the support frame, and a gas guiding component fixedly connected to the support frame and the support plates. Multiple aggregation components are arranged above the support plates, and the aggregation components are inserted between the gas guiding components. The gas generated by the gas guiding component gathers inside the aggregation components, forming a localized temperature and humidity environment suitable for plant growth, providing oxygen for plant respiration. Plants are placed inside the aggregation components, and suitable light for plant growth is provided. The gas guiding component includes a steam generator, a first air pump, gas collecting pipes, gas guiding pipes, and exhaust pipes. The invention generates sterilizing steam at high temperature and pressure through the steam generator, which enters the gas collecting pipe. It is then mixed with cold air from the first air pump in the gas collecting pipe to form a suitable temperature and humidity environment for plant growth and to provide oxygen for the plants, thereby ensuring the freshness of the plants.



21: 2024/02970. 22: 2024/04/17. 43: 2024/10/23

51: E01C; E03B; H02S; F24S

71: CHEN, Jui-Wen

72: CHEN, Jui-Wen

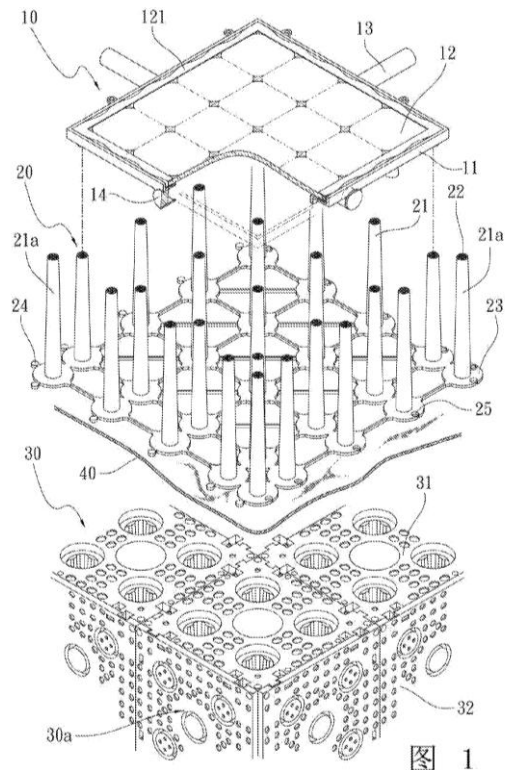
33: CN 31: 202111218202.X 32: 2021-10-20

54: PHOTOELECTRIC WATER-PERMEABLE PAVEMENT UNDERGROUND WATER STORAGE AUTOMATION SYSTEM

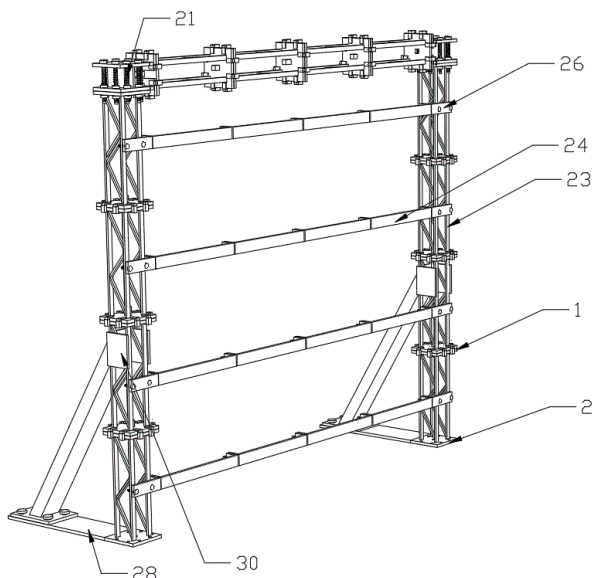
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A photoelectric water-permeable pavement underground water storage automation system, composed of photoelectric modules, a water-permeable unit, and a water-filled structure. The photoelectric modules are arranged and laid on the ground surface and are each provided with a base, a water-permeable channel is designed on the periphery of the base, a solar panel is arranged on a top face of the base, a fixing member is arranged on a bottom face of the base and located above the water-permeable unit, the base is internally provided with a bare empty area, and the bare empty area extends outwards to be combined with a communication pipe in communication with an adjacent base; the water-permeable unit is a water-permeable pavement, which is a water-permeable pavement provided with a frame body structure composed of a plurality of vertical water-permeable pipes and formed by means of pouring concrete slurry, or a water-permeable pavement directly laid by means of a water-permeable material, or a water-permeable pavement where holes are drilled to form water-permeable holes; and the water-filled structure is an underground water storage space and is formed by splicing a plurality of porous hollow unit bodies, a water guide layer is provided at the top of the water-filled structure which is buried in an underground layer below the water-permeable unit,

and concrete slurry is poured above the water guide layer, so that a ground surface pavement structure which has multiple effects such as energy storage and water storage is constructed.



sliding way. The first positioning column is fixedly connected with a first pressing plate, and the first pressing plate is fixedly connected with a fixed block, and a second pressing plate is fixedly connected to the second positioning column, and a sliding block is fixedly connected to the second pressing plate. The fixed block is provided with a chute connected with the sliding block in a sliding way, a tension spring is fixedly connected between the chute and the sliding block, and the fixed block is provided with a positioning assembly detachably connected with sliding block. In the invention, the connection force of each connection of the splicing unit is consistent, and the connection stability is improved.



21: 2024/02997. 22: 2024/04/18. 43: 2024/10/23
 51: A47F
 71: Jiaxing Vocational & Technical College
 72: ZHANG Yi
54: COMBINED DISPLAY STAND FOR OUTDOOR STAGE

00: -
 The invention discloses a combined display stand for an outdoor stage, which belongs to the technical field of display stands and comprises a plurality of splicing units, where the splicing units comprise an upper connecting plate and a lower connecting plate fixedly connected with the upper connecting plate, and the upper connecting plate is provided with a plurality of first positioning holes, and the lower connecting plate is provided with a plurality of second positioning holes; the first positioning hole is connected with a first positioning column in a sliding way, and the second positioning hole on the splicing unit adjacent to the first positioning hole is connected with a second positioning column in a

21: 2024/03001. 22: 2024/04/18. 43: 2024/10/23
 51: C05G
 71: Shandong Agriculture And Engineering University
 72: LIU Jin, SUN Xiaoming, ZHANG Rui, DING Jie, LI Yang, SHENG Yinsheng, DU Zhimin, ZHANG Shuaiqi, ZHAO Jin, CUI Yonghui, LIU Yanjiao
54: METHOD FOR FERMENTING AGRICULTURAL WASTES BY USING MIXED STRAINS

00: -
 The invention belongs to the technical field of microorganisms, and particularly relates to a method for fermenting agricultural wastes by using mixed strains. The mixed strains used in fermentation are composed of *Pseudomonas fluorescens*, *Aspergillus niger*, *Trichoderma viride*, *Bacillus subtilis* and *Aspergillus oryzae*, and the mass percentages are

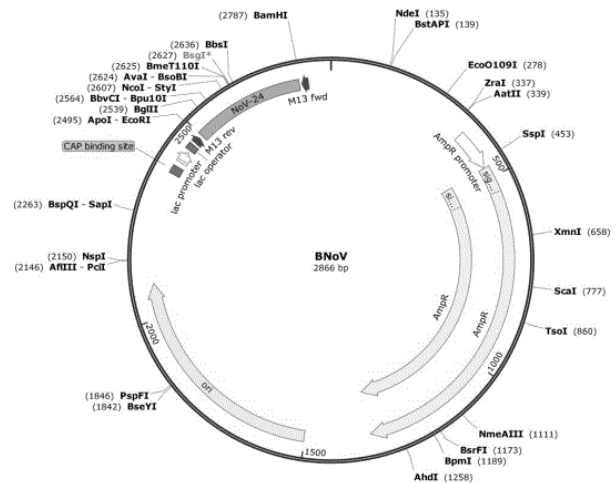
Pseudomonas fluorescens 41-48 percent, *Aspergillus niger* 21-25 percent, *Trichoderma viride* 11-14 percent, *Bacillus subtilis* 10 percent and *Aspergillus oryzae* 10 percent. The fermentation process of the invention is simplified, the fermentation period is short, it is easy to learn, and it saves labor and time. Adding *Pseudomonas fluorescens*, adjusting the proportion of mixed strains, and cooperating with stepwise fermentation, mycelium can quickly occupy the fermentation space, which has the characteristics of cracking macromolecular organic matter and insoluble inorganic matter, and is beneficial to the decomposition of cellulose and lignin; the fermented organic fertilizer has long fertilizer efficiency, is easy to be absorbed by plants, increases beneficial flora, supports roots, resists diseases and increases production; the invention can make full use of waste resources, turn waste into treasure, save energy and reduce the spread of pests and diseases.

21: 2024/03002. 22: 2024/04/18. 43: 2024/10/23
 51: C12Q
 71: Xinjiang Agricultural University
 72: Huijun SHI, Qiang FU, Haoran LIU, Siqi MA, Junzhen CHEN, Yingxin LI, Rezeguli-AIKEBAIER, Jianlin LI

54: VISUAL DETECTION METHOD FOR BOVINE NOROVIRUS BASED ON RAA-CRISPRCas12a AND APPLICATION THEREOF

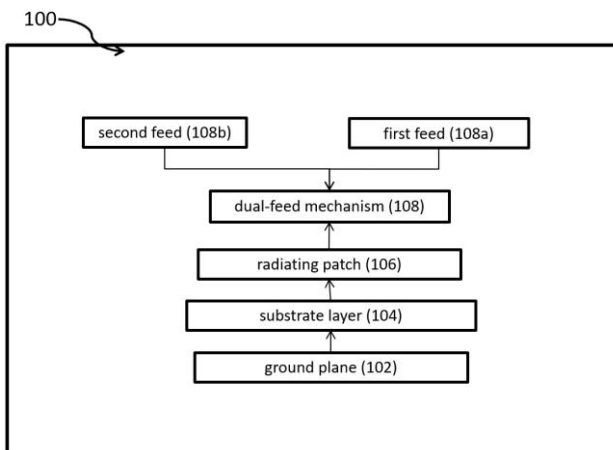
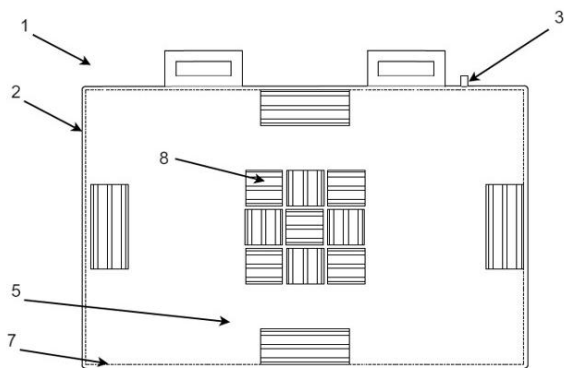
00: -
 The invention discloses a visual detection method for bovine norovirus based on RAA-CRISPRCas12a and an application thereof, involving the field of biological detection technology. The construction process is as follows: S1, constructing a standard plasmid; S2, designing RAA primers; S3, designing crRNA and ssDNA; S4, optimizing RAA reaction conditions; S5, constructing an RAA-CRISPRCas12a detection method; the minimum detection limit of BNoV is 49.3 copies/microliter. The invention adopts the above-mentioned visual detection method for bovine norovirus based on RAA-CRISPRCas12a and the application thereof, compared with the traditional PCR method, the detection method based on RAA-CRISPRCas12a established in this invention is more sensitive, efficient and stable. It can be used for visual rapid

detection of BNoV and provide technical support for the differential diagnosis of calf diarrhea.



21: 2024/03005. 22: 2024/04/18. 43: 2024/10/23
 51: B60S
 71: Michael Marx
 72: MARX, Michael, PURDON, John Gregory
 33: ZA 31: 2023/04568 32: 2023-04-20
54: PNEUMATIC JACK
 00: -

A pneumatic jack comprising a resilient, deflatable bladder, expandable between a fully deflated, non-load bearing, collapsed condition with a substantially planar configuration and a relatively low clearance height, and a fully inflated, load-bearing, expanded condition with at least two discrete, load-bearing orientations and at least two corresponding, substantially discrete lifting height ranges. The jack further comprising at least one conduit, operatively attached to the bladder in pneumatic communication and configured to allow the passage of air to or from the bladder thereby allowing the expansion or deflation of the bladder; wherein the bladder is configured in an inflated, load-bearing, expanded condition when positioned in any one of the at least two discrete, load-bearing orientations, to lift a movable object into the at least two substantially discrete lifting height ranges, thereby enabling a user to achieve a suitable lifting height range according to the selected load-bearing orientation.



21: 2024/03011. 22: 2024/04/18. 43: 2024/10/30
51: H01Q

71: Dr. RAJIV PATHAK, Dr. VIKAS PANDEY, Dr. MANAS RANJAN JENA, Dr. Amiya Bhusana Sahoo, Aditya Tiwari, Dr. Sanjeev Karmakar

72: Dr. RAJIV PATHAK, Dr. VIKAS PANDEY, Dr. MANAS RANJAN JENA, Dr. Amiya Bhusana Sahoo, Aditya Tiwari, Dr. Sanjeev Karmakar

54: A DUAL-FEED TRI-BAND MICROSTRIP PATCH ANTENNA DEVICE FOR 5G COMMUNICATION APPLICATIONS

00: -

This invention presents a dual-feed tri-band microstrip patch antenna (MPA) designed for 5G cellular communication, achieving simplicity and minimum infrastructure requirements. The proposed MPA antenna incorporated two feeds placed along the x-axis and y-axis, respectively, wherein the optimization of the feed locations is executed to achieve desired resonance frequencies and isolation between two feeds. The MPA, optimized using HFSS, resonates at 3.48 GHz, 6.24 GHz, and 7.5 GHz bands simultaneously. Operating modes include TM₀₁, TM₁₁, and TM₁₂, with bandwidths of 160 MHz, 330 MHz, and 340 MHz and corresponding gains of 9.8 dB, 5.06 dB, and 7.58 dB. Fabrication and measurement results closely align with simulations. MATLAB simulations confirm the MPA's performance, showcasing its utility in real-time 5G cellular applications, where scenarios like SINR and signal strength are visualized for optimal network deployment. The proposed MPA offers an efficient and versatile solution for advanced communication systems.

21: 2024/03012. 22: 2024/04/18. 43: 2024/11/05
51: A01H; C07K; C12N

71: Biotechnology Research Institute, Chinese Academy of Agricultural Sciences

72: Lin HAO, Na WANG, Lifang NIU

33: WO 31: PCT/CN2022/140182 32: 2022-12-20

33: CN 31: 202111225771.7 32: 2021-10-21

54: DMP PROTEIN, ENCODING GENE AND USE THEREOF

00: -

Disclosed in the present invention are a DMP protein and a coding gene and use thereof. Disclosed is a complete set of proteins consisting of protein A (i.e. DMP8) and protein B (i.e. DMP9). The amino acid sequence of protein A is SEQ ID No. 1, and the amino acid sequence of protein B is SEQ ID No. 2. Also disclosed in the present invention are a method for constructing a plant haploid inducer line and a use thereof, and a plant haploid inducer line constructed by the method.

21: 2024/03045. 22: 2024/04/19. 43: 2024/11/08
51: B22C

71: Sinoma Science & Technology (Chengdu) Co., Ltd

72: HE Jiachao, FENG Cunjiang, HE Qinling, LI Shihong, YI Hao, TANG Yong, QI Na, YANG Chunmei

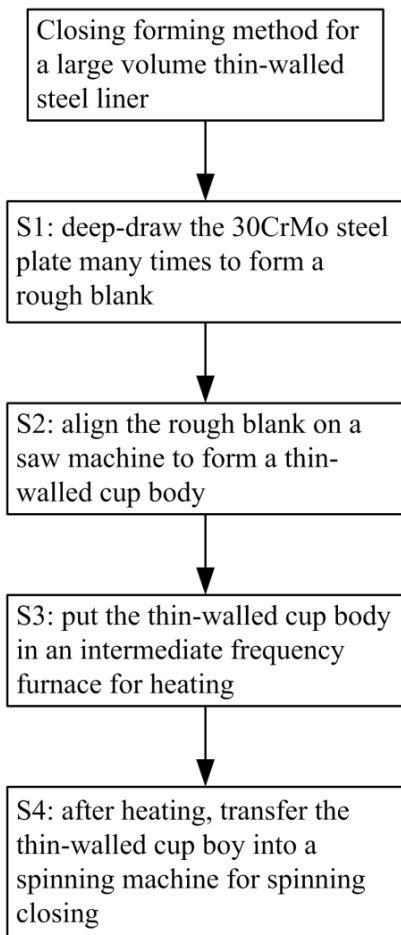
33: CN 31: 2023104531583 32: 2023-04-25

54: CLOSING FORMING METHOD FOR LARGE VOLUME THIN-WALLED STEEL LINER

00: -

The present invention discloses a closing forming method for a large volume thin-walled steel liner, which solves the technical problem that the percent of pass is low and the manufacturing cost is high when the large volume thin-walled steel liner is

closed and formed in the prior art. A 30CrMo steel plate is subjected to deep drawing and annealing steps many times to manufacture a 3.5 mm wall thickness thin-walled cup body. The thin-walled cup body is subjected to hot spinning after being fixed in length and aligned for closing forming. The present invention is simple in structure, scientific and reasonable in design, and convenient to use. The 30CrMo steel plate is subjected to deep drawing and annealing steps many times to manufacture a 3.5 mm wall thickness thin-walled cup body. The thin-walled cup body is subjected to hot spinning after being fixed in length and aligned for closing forming. The whole spinning closing forming process is subjected to temperature control and spinning pass optimization, so that the large volume thin-walled steel liner is closed and formed.



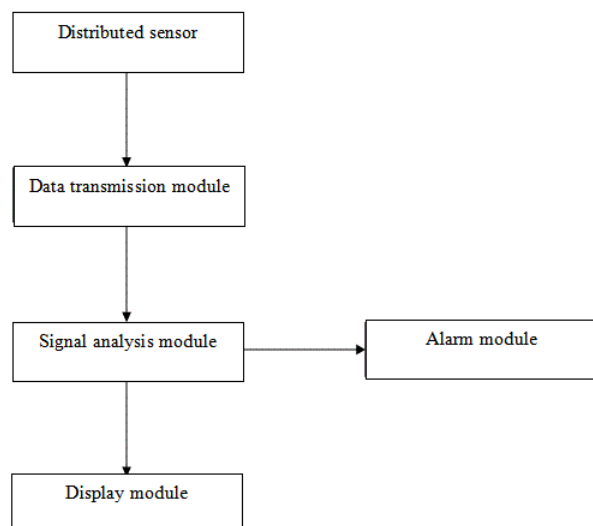
72: QIAO Yiying, WANG Kaiqing, WAN Zhaoying, LIU Chang, LIAN Yingxin, LI Suhuan, GUO Jingjing, ZHANG Lijun, ZHENG Haixia, LIU Baihui, WANG Zhijiang

54: INTELLIGENT ONLINE DIAGNOSIS SYSTEM FOR POWER TRANSFORMATION AND DISTRIBUTION EQUIPMENT

00: -

The invention discloses an intelligent online diagnosis system for power transformation and distribution equipment, which comprises a distributed sensor which is used for collecting the operation parameters of the power transformation and distribution equipment by a synchronous sampling method; a data transmission module which is used for transmitting the operation parameters of the power transformation and distribution equipment; a signal analysis module which is used for analyzing the operation parameters, judging the operation state of the power transformation and distribution equipment and storing historical data; and a display module which is used for displaying the operation parameters and the operation state of the power transformation and distribution equipment. In that invention, high-performance sensor with different specifications are used, and stable monitoring components are connected to the electric Internet of thing, so that online monitoring of multi-source data such as environmental parameters, operating parameters, local parameters, losses and the like is realized, and the real-time performance and accuracy of the data are realized. The online working state of power transformation and distribution equipment can be found in real time and the data can be traced back and traced. The invention realizes online early warning, intelligent patrol inspection and equipment operation life prediction, and can provide optimized power consumption schemes for different users.

21: 2024/03046. 22: 2024/04/19. 43: 2024/10/28
 51: H02J
 71: Kechang Electric Co., Ltd



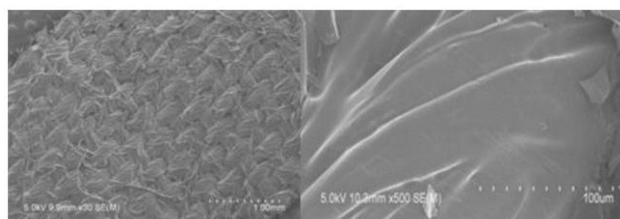
21: 2024/03047. 22: 2024/04/19. 43: 2024/10/28
51: C08L

71: Anhui Polytechnic University
72: FANG Yinchun, ZHAO Xianglu, TAO Weihai,
LIU Xinhua, LIU Hailong

54: INTUMESCENT FLAME RETARDANT MATERIAL AND APPLICATION THEREOF

00: -

The invention provides an intumescent flame retardant material and application thereof, which adopts amine compounds, biological phosphorus compounds and carbon sources as raw materials, and combines with the base material by means of assembly of amine compounds, biological phosphorus compounds and carbon sources through various chemical interactions between substances. It not only improves the flame retardant performance, but also improves the washable performance. The phosphate-containing intumescent flame retardant prepared by the embodiment of the invention adopts natural phosphorus-containing components, is green and pollution-free, and belongs to the environment-friendly flame retardant.



21: 2024/03049. 22: 2024/04/19. 43: 2024/11/08
51: A01C

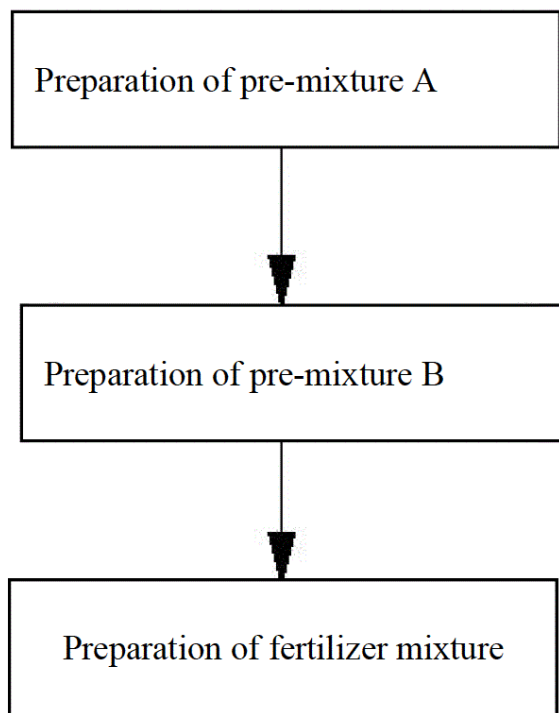
71: Xinjiang University
72: Ren Tiezhen, Yuan Xinhua, A Gengxiong, Ma Shangwen

33: CN 31: 2024104349301 32: 2024-04-11

54: A WATER-ABSORBING FERTILIZER FOR HIGH-ALKALINE SANDY SOIL FOR PIGMENT CHILI PEPPERS AND ITS PREPARATION METHOD

00: -

The invention discloses a water-absorbing fertilizer for high-alkaline sandy soil peppers, which is prepared by mixing pre-mixture A and pre-mixture B in a mass ratio of 4:6 to 7:3. Pre-mixture A is prepared by mixing water-soluble polymers, wood vinegar, wood tar, copper sulfate, and water. Pre-mixture B is prepared by mixing organic manure, urea, potassium dihydrogen phosphate, zinc acetate, sodium borate, magnesium sulfate, manganese sulfate, rice husk ash, and activated carbon. The preparation method includes the following steps: Step 1: preparation of pre-mixture A, Step 2: preparation of pre-mixture B, Step 3: preparation of fertilizer. The raw materials of the invention are non-toxic, safe, and low in price, resulting in low product cost. Through the synergistic effect of the heat storage capacity of rice husk decomposition products and the three-dimensional network of polymer binders, the rich hydroxyl network skeleton achieves the effects of water retention, fertilizer retention, and soil retention in drip irrigation areas. It is suitable for pepper cultivation in sandy soils in southern Xinjiang and also provides fungicidal, insect-repelling, and water-retention functions, thereby improving pepper color and yield.



21: 2024/03050. 22: 2024/04/19. 43: 2024/10/28
51: A61F

71: Zhejiang Wanli University

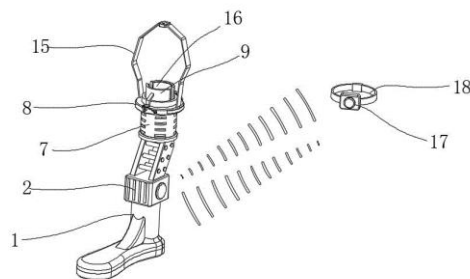
72: Haonan Li, Yufei Kong, Jin Jin, Bowen Xue,
Zebin Zhou

**54: A PROSTHETIC LIMB WITH A GROUND
STATE FEEDBACK DATA ACQUISITION SYSTEM**

00: -

The invention relates to the technical field of prosthesis, in particular to a prosthetic limb with a ground state feedback data acquisition system. The prosthetic limb body is provided with a drive control module, the drive control module is provided with an induction module and a data processing unit, the induction module is provided with a monitoring module, and the data processing unit is provided with a storage module; Its beneficial effect is that the pressure of the user walking on different roads can be recorded by the induction module set in the body of the prosthetic limb, and then the pressure of different roads can be recorded by the data processing unit in the drive control module and stored and recorded by the storage module. This is convenient for subsequent development personnel to improve, and the monitoring module can also be used to monitor the surrounding environment on the one hand and observe whether the surface of the prosthetic limb body is distorted when walking on

different roads when the prosthetic limb body is in use. This allows developers to make continuous improvements to improve the user experience.



21: 2024/03051. 22: 2024/04/19. 43: 2024/10/28
51: E02D

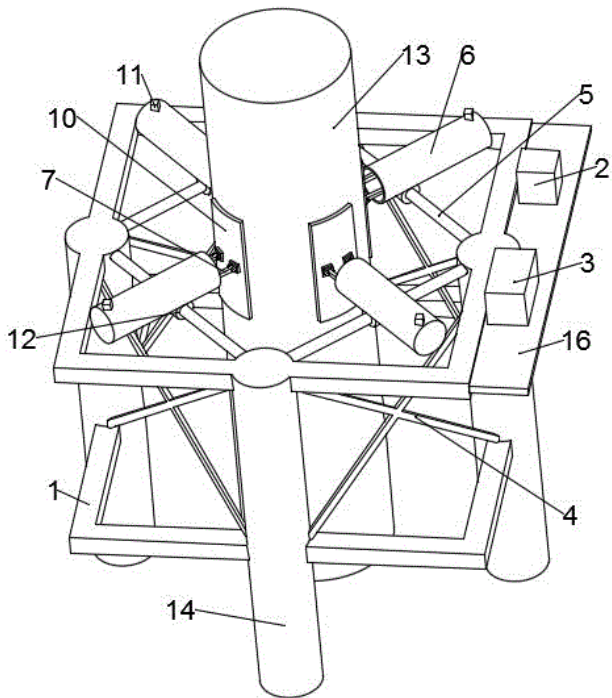
71: Tianjin University

72: LI Chengfeng, SU Chunyang, LIU Run, LIAN
Jijian, JIA Zhaolin, YUAN Xinyong, LIU Yufei

**54: PILE HOLDER CAPABLE OF MAINTAINING
VERTICALITY OF PILE BODY AND OPERATING
METHOD THEREOF**

00: -

The invention belongs to the field of offshore wind power pile foundation installation, and provides a pile holder capable of maintaining verticality of a pile body and an operating method thereof. A plurality of pile holding assemblies, wherein the pile holding assemblies comprise a connecting beam horizontally and fixedly connected between two adjacent auxiliary piles; a hydraulic pipe bracket is rotatably connected to the connecting beam; a rotary driving part is arranged between the hydraulic pipe bracket and the connecting beam; a second angle sensor is arranged on the hydraulic pipe bracket; a telescopic mechanism is arranged in the hydraulic pipe bracket; a pile supporting tentacle is arranged at the telescopic end of the telescopic mechanism; a first angle sensor is arranged between the pile supporting tentacle and the telescopic mechanism; and the pile supporting tentacle is slidably connected with the axial side wall of the pile body through a sliding pad. The invention can reduce that complexity of pile support operation and improve the engineering precision.



21: 2024/03053. 22: 2024/04/19. 43: 2024/11/08
51: B44B

71: Yunnan Minzu University

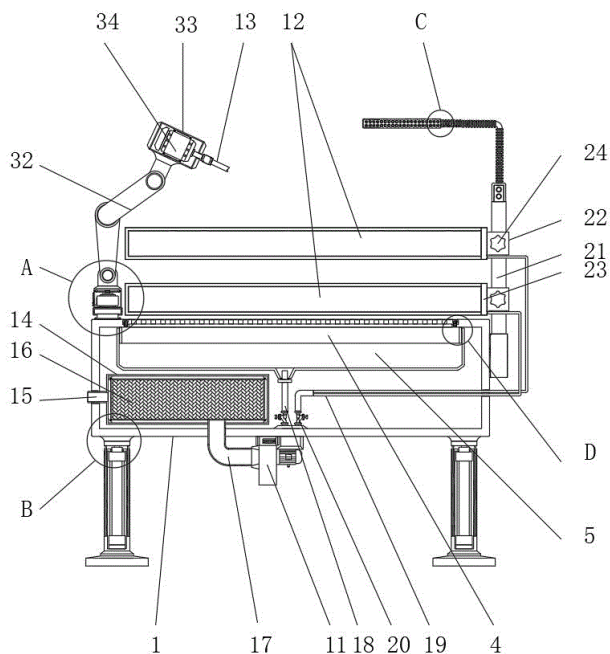
72: Xinyao Pu, Fan Wan, Hao Zhang, Shaowei Wang, Rui Shi, Long Jian, Meining Jiang

54: AN ENGRAVING DEVICE USED IN ART DESIGN

00: -

The invention discloses an engraving device applied to art design, and relates to the technical field of engraving device. The invention comprises a working platform, a supporting pillar, an engraving head, a fan and a circular mesh plate, characterized in that the bottom of the working platform is provided with four supporting pillars for support. The upper middle part of the working platform is provided with a groove for the installation of a square mesh plate, the lower end of the groove through the extension frame to the inner middle end of the working platform, the outer lower end of the extension end is connected with a negative pressure cover; The upper end of the square mesh plate is arranged with a circular mesh plate for the workpiece to be placed through a fixed bolt. The invention can select and install different fixed splints and moving splints according to the shape of the workpiece to be fixed, such as the curved plate, the cross plate and the convex plate mentioned in the paper. The debris and dust generated by the engraving head can be

collected through the U-shaped negative pressure frame and the negative pressure cover with the fan and dust collecting cloth bag.



21: 2024/03054. 22: 2024/04/19. 43: 2024/11/13
51: G06Q

71: Yin Tianyi

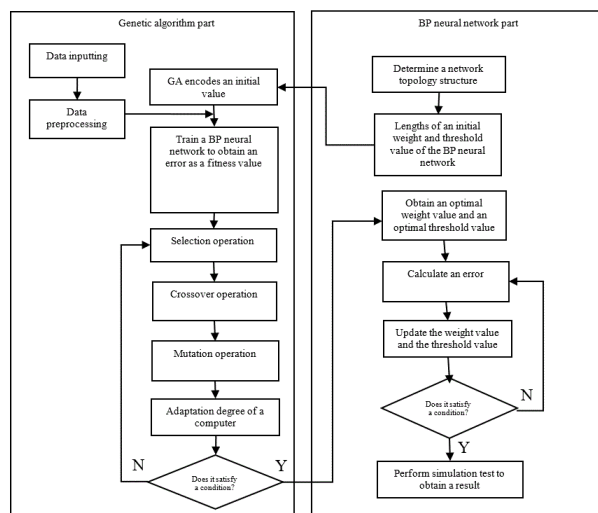
72: Yin Tianyi, Tang Xiya, Shuai Yuying, Liu Jie, Yin Tianyi

54: SLOPE DEFORMATION AND SOFT SOIL FOUNDATION SETTLEMENT PREDICTION METHOD BASED ON GA-BP NEURAL NETWORK

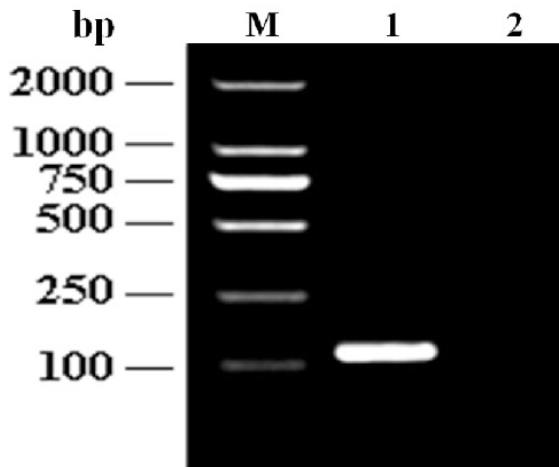
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The present disclosure discloses a slope deformation and soft soil foundation settlement prediction method based on a genetic algorithm (GA)-back propagation (BP) neural network. Firstly, a genetic algorithm is used to perform an optimal design on a structure, an initial connection weight, an initial threshold value, a learning rate, and a momentum factor of the neural network. A better search space is located in a solution space. Then, a BP algorithm is used to optimize the connection weight and threshold value of the network in small solution spaces again to find optimal solutions, so that the optimized BP neural network can better predict an output of a function. The present application combines the BP neural network method with the genetic algorithm, so that the advantages of the two methods are fully used, and the improved

method has both the strong learning capability and high robustness of the BP neural network and the global optimization capability of the genetic algorithm, making the method have the advantages of high prediction accuracy and fast network convergence; and a good effect is achieved on predicting slope deformation and soft soil foundation settlement.



vector is represented by SEQ ID NO: 4. In view of the lack of a kit for easily detecting a monkey B virus antibody in an imported or exported laboratory monkey on the spot, an objective of the present disclosure is to provide a detection reagent that does not require the assistance of a specific instrument or device and a diagnosis method that can effectively reduce the detection cost and can be applied to large-scale on-the-spot sample detection.



21: 2024/03055. 22: 2024/04/19. 43: 2024/10/30
51: A61K
71: HAIKOU CUSTOMS TECHNOLOGY CENTRE,
NANNING CUSTOMS TECHNOLOGY CENTRE
72: LI, Dandan, CHEN, Lijun, CHAO, Zhe, WEI,
Ying, LIU, Chuang, DING, Yangbao, TIAN,
Chaoyang, GAO, Shenyang, QIU, Suoping, LI,
Jiatong, CAI, Weikai, CHEN, Yiwei, WANG,
Chaozheng

54: IMMUNOCOMB DETECTION METHOD AND KIT FOR MONKEY 8 VIRUS ANTIBODY

00: -
In order to overcome the shortcomings in the promotion and use of the prior art, an objective of the present disclosure is to provide a preparation method of an immunocomb for rapidly detecting a monkey B virus antibody. An SOE-PCR primer set for constructing an immunocomb for a monkey B virus antibody is provided. A primer BVF is represented by SEQ ID NO: 1, a primer BVR1 is represented by SEQ ID NO: 2, and a primer BVR2 is represented by SEQ ID NO: 3. A recombinant expression vector pGEX-4T-BV for preparing an immunocomb for a monkey B virus antibody is provided. A sequence of the recombinant expression

21: 2024/03057. 22: 2024/04/19. 43: 2024/10/30
51: A01N; C12N
71: NORTHEAST AGRICULTURAL UNIVERSITY
72: LI, Fenglan, ZHANG, Ying, HE, Fumeng, WANG,
Xue, LIU, Dan, PANG, Wenyuan

54: BIOLOGICAL AGENT OF BACILLUS AMYLOLIQUEFACIENS AND APPLICATION THEREOF IN PREVENTION AND TREATMENT OF SOIL-BORNE DISEASES OF SOLANUM TUBEROSUM

00: -
The present invention discloses a biological agent of *Bacillus amyloliquefaciens* and application thereof in prevention and treatment of soil-borne diseases of *Solanum tuberosum*. The main component of the present invention is *Bacillus amyloliquefaciens* C4. A preparation method comprises: (1) strain activation; (2) fermentation; and (3) collection of supernatant. *Bacillus amyloliquefaciens* C4 in the present invention has antibacterial activity and low toxicity to crops, and is prepared into a biological agent and applied to soil-borne diseases of *Solanum tuberosum*. Results show that the agent has certain control effect.

21: 2024/03085. 22: 2024/04/19. 43: 2024/11/08
51: E21B

71: AQUIRIAN TECHNOLOGY PTY LTD

72: PATCHING, Gregory, WRIGHT, Jonathan

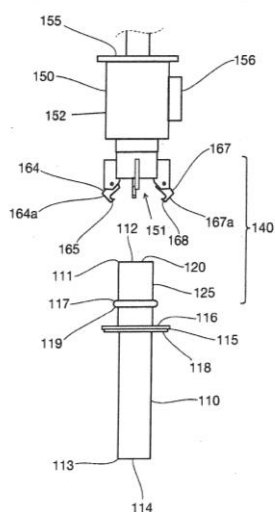
33: AU 31: 2021903123 32: 2021-09-29

33: AU 31: 2021904057 32: 2021-12-14

54: APPARATUS AND METHOD FOR SUPPORTING A COLLAR REGION OF A BLAST HOLE DURING DRILLING

00: -

The invention relates to a bore hole drilling system and method. The system includes a mobile bore hole drilling platform including a mast disposed on the platform including a support for a drill string and a tube member for location within the collar region of a bore hole. The tube member includes an internal longitudinal passage for receiving a drill string therethrough and an external surface for facing outwardly against a wall of the bore hole. The system includes a coupling mechanism that is configured to couple and decouple the tube member and the drilling platform when the tube member is located coaxially within the collar region of the bore hole and substantially axially aligned with the drill string and/or the mast.



21: 2024/03086. 22: 2024/04/19. 43: 2024/10/30
51: B01J; C07C

71: CHINA PETROLEUM & CHEMICAL CORPORATION, SHANGHAI RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY, SINOPEC

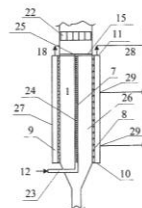
72: LI, Xiaohong, QI, Guozhen, YU, Zhinan, PENG, Fei, WANG, Hongtao, ZHENG, Yijun

33: CN 31: 202111150391.1 32: 2021-09-29

54: SHORT-CONTACT REACTOR, AND SYSTEM AND METHOD FOR USING SAME IN PREPARATION OF ETHYLENE AND PROPYLENE FROM METHANOL

00: -

The present invention provides a short-contact reaction system in the preparation of ethylene and propylene from methanol. The system comprises: a methanol-to-olefin short-contact reactor, a riser reactor, a double-dense bed, and a stripper. The methanol-to-olefin short-contact reactor is used to convert methanol to olefin-rich products. The methanol-to-olefin short-contact reactor comprises a methanol feed pipeline, a filter pipe wall and a product gas channel coaxially distributed from the inside to the outside, a catalyst distributor provided at the top part of the reactor, and a material seal pipe provided at the bottom part of the reactor. The material seal pipe is located inside of the stripper. The diameter of the top part of the product gas channel is larger than the diameter of the bottom part of the product gas channel. In the present invention, methanol is in cross-flow contact with downward coking catalyst II in the methanol-to-olefin short-contact reactor, and the cross-flow contact reaction between the methanol and the catalyst under the condition of a very short contact time may obtain a product having high selectivity of ethylene and propylene. The present invention better solves the problem of low selectivity of ethylene and propylene, and may be used in MTO industrial production.



21: 2024/03093. 22: 2024/04/22. 43: 2024/11/08
51: C12J

71: Jilin Medical University

72: XIU, Zhiming, WANG, Yangyang, LIU, Jiaxue, YANG, Weilong, JIN, Lianhai, YIN, Moli, WANG, Shujuan, GUO, Yongxin, WANG, Zhibing, LIU, Lei
33: CN 31: 202311737426.0 32: 2023-12-15

54: PHENOLSULFONPHTHALEIN COMPOUND, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF IN HAIR DYE

00: -

The present invention provides a phenolsulfonphthalein compound, a preparation method therefor, and application thereof in hair dye, which belong to the technical field of chemical synthesis. According to the preparation method provided by the present invention, firstly, a dehydration reaction is performed on 2,6-dichlorophenol in a molten state and tetrahalogen-2-sulfobenzoic anhydride under catalysis of lewis acid, and then, a decomplexing reaction with strong acid is performed to obtain a crude product. Next, alkali extraction and acid precipitation are performed on the crude product for purification, and finally, recrystallization is performed in an alcohol-water solvent and a chloralkane respectively to obtain a pure product. According to the preparation method provided by the present invention, operation is simple, raw materials are easy to obtain, a yield is high, purity is high, a cost is low, and mass production can be achieved.

21: 2024/03094. 22: 2024/04/22. 43: 2024/10/30

51: A01N

71: Shandong Institute of Pomology

72: XUE Xiaomin, WANG Laiping, JIANG Zhenying, CONG Peijian, WANG Huaijin, WANG Qinghua

54: METHOD FOR THINNING FLOWERS AND FRUITS OF APPLE TREES BY USING CHEMICAL AGENTS

00: -

The invention provides a method for thinning flowers and fruits of apple trees by using chemical agents, which belongs to the technical field of apple thinning flowers and fruits. The formula ratio of the flower thinning agent and the fruit thinning agent used in the invention is scientific and reasonable, and all the raw materials are compatible with each other, so that not only can weak fruits be effectively thinned, but also fruits with strong fruit-setting ability can be kept, and the later growth of trees and fruits will not be adversely affected, thereby effectively improving the yield and quality of apples; And the operation is simple and only needs to be sprayed once.

21: 2024/03095. 22: 2024/04/22. 43: 2024/10/30

51: B29D

71: Zhejiang Fenfei Rubber & Plastic Products Co., Ltd.

72: Yuanbin Wu, Junhan Yu, Bohua Liu

33: CN 31: 2023112513657 32: 2023-09-26

54: HIGH-TEMPERATURE-RESISTANT ARAMID FABRIC CORE CONVEYOR BELT

00: -

The present invention discloses a high-temperature-resistant aramid fabric core conveyor belt, including an aramid fabric core layer, and an upper covering rubber layer and a lower covering rubber layer which are respectively arranged on two sides of the aramid fabric core layer. The aramid fabric core layer is composed of an aramid canvas layer and a dipping layer covering an outer surface of the canvas. Raw material components of the covering rubber layers include by weight: 50-60 parts of EPDM rubber, 30-40 parts of natural rubber, 5-15 parts of styrene-butadiene rubber, 5-7 parts of nano zinc oxide, 1-2 parts of stearic acid, 2-4 parts of light magnesium oxide, 1-2 parts of anti-aging agent, 1-2 parts of antioxidant, 1-2 parts of adhesive anti-aging agent, 2-4 parts of tackifier, 4-8 parts of adhesive, 0.5-1 parts of accelerator, 3-5 parts of magnesium methacrylate, 3-5 parts of phenolic resin, 4-6 parts of silicon dioxide, 20-35 parts of carbon black, 10-12 parts of silica, 5-8 parts of paraffin oil, 5-8 parts of softened heavy oil, 1-2 parts of sulfur, 0.4-0.6 parts of crosslinker, and 2-5 parts of vulcanizing agent. Under specific raw material formulations, high-temperature resistance of the conveyor belt is significantly improved, service life of the conveyor belt is increased, and energy consumption is reduced.

21: 2024/03096. 22: 2024/04/22. 43: 2024/10/30

51: B24C

71: Zhejiang Fenfei Rubber & Plastic Products Co., Ltd.

72: Houfu Jiang

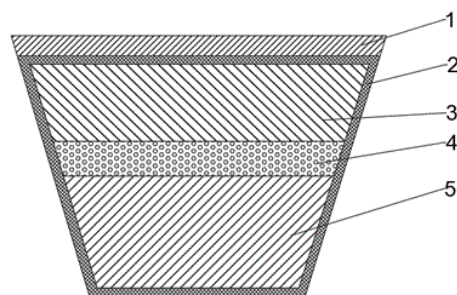
33: CN 31: 2023114956363 32: 2023-11-10

54: SANDBLASTING SPECIALIZED V-BELT WITH WEAR-RESISTANT TOP RUBBER AND APPLICATION THEREOF

00: -

The present invention discloses a sandblasting specialized V-belt with wear-resistant top rubber. The sandblasting specialized V-belt includes a tensile layer, an extension layer, a compression

layer, a wrapping layer, and wear-resistant top rubber; the tensile layer is made of polyester steel brown wire; the extension layer and the compression layer are correspondingly bonded to upper and lower sides of the tensile layer; the wrapping layer is wrapped outside the tensile layer, the extension layer, and the compression layer to form a basic V-belt; and a top of the basic V-belt is provided with a layer of wear-resistant top rubber, which improves the wear-resistant performance of a top surface thereof. The V-belts are arranged in parallel to form a conveyor line of sandblasting production line, which can complete a conveying task while effectively avoiding accumulation of abrasive blasting materials, thereby improving the sandblasting effect and reducing the energy consumption of the conveyor line. The wear-resistant top rubber can withstand the impact of abrasive blasting materials and is not easily worn, making the service life of the V-belt longer in the sandblasting production line.



21: 2024/03097. 22: 2024/04/22. 43: 2024/11/08
51: B29B

71: Shihezi University, Xinjiang Zhongnongxinyuan Agricultural Technology Co., Ltd.

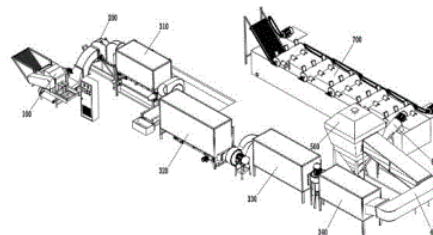
72: MENG, Hwei, ZHANG, Bingcheng, HUANG, Tiancai, KAN, Za, LI, Jiali, FENG, Zhen, YANG, Chongke, YAN, Yiqi, YAN, Weizhe

54: PRETREATMENT PRODUCTION LINE FOR RESOURCE UTILIZATION OF MECHANIZED RECYCLED RESIDUAL FILMS IN COTTON FIELDS

00: -

A pretreatment production line for resource utilization of mechanized recycled residual films in cotton fields is disclosed, and relates to the technical field of mulch plastic film treatment devices. The pretreatment production line includes a film-impurity bundle coarse crushing machine, a film-impurity

material fine crushing machine, a film-impurity multi-stage pneumatic separator, a hydraulic soil removal apparatus, an axial flow centrifugal dehydration apparatus, and a residual film rinsing pool, which are sequentially arranged. The pretreatment production line provided by the present disclosure can solve problems existing in the prior art of lack of equipment for a production line for treatment of mechanized recycled residual films in cotton fields, poor equipment matching, and difficulty in resource utilization of the residual films.



21: 2024/03098. 22: 2024/04/22. 43: 2024/11/08
51: B43L

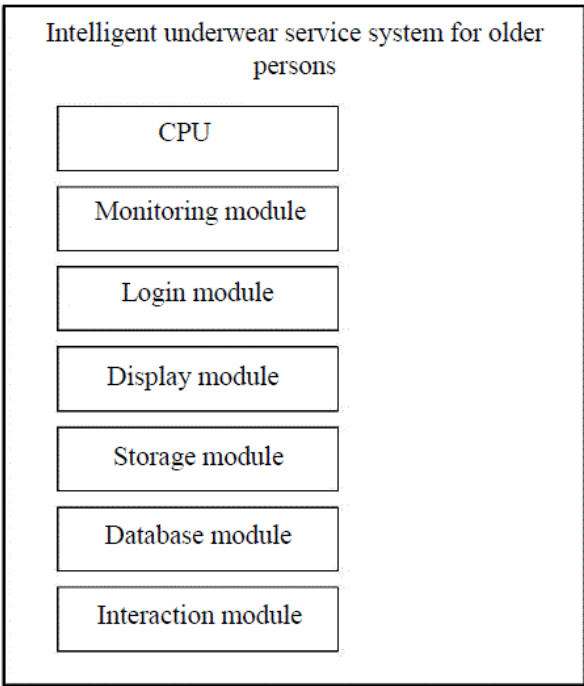
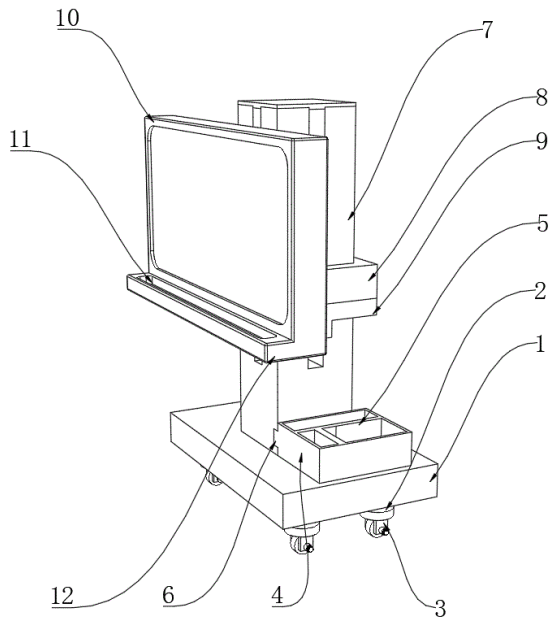
71: Xinyu University

72: Li Lei, Li Xuezhu, Xie Lianping, Lin Zhi

54: AUXILIARY TEACHING DEVICE FOR CHINESE LANGUAGE AND LITERATURE

00: -

The present invention provides an auxiliary teaching device for Chinese language and literature, including a bearing column. A sliding groove is disposed inside the bearing column, a lifting plate is slidingly connected to an outer side of the sliding groove, a connecting rod is fixedly connected to a bottom of the lifting plate, and a bearing groove is disposed at a bottom of the bearing column. According to the present invention, the auxiliary teaching device for Chinese language and literature can conveniently adjust a height of display board through a linkage among the bearing column, the sliding groove, the lifting plate, the connecting rod, a limiting plate, a sliding block, a telescopic rod, a linear actuator and the bearing groove, and the practicability is greatly improved.



21: 2024/03099. 22: 2024/04/22. 43: 2024/11/08
51: H04L

71: Yiwu Industrial & Commercial College
72: Hong Wenjin, Miao Yu, Li Guohua, Zhang Binjie

54: INTELLIGENT UNDERWEAR SERVICE SYSTEM AND METHOD FOR OLDER PERSONS

00: -
The present invention provides an intelligent underwear service system and method for older persons, falling within the technical field of intelligent clothing for the older persons. The intelligent underwear service system for older persons includes a central processing unit (CPU), a monitoring module, a login module, a display module, a storage module, a database module and an interaction module. By the real-time analysis of physiological security risks of older persons, the corresponding physiological data are acquired, and a service system terminal analyzes and determines the physiological data of the older persons to make safety prompts and take preventive measures, avoiding the occurrence of safety accidents in daily life of the older persons.

21: 2024/03100. 22: 2024/04/22. 43: 2024/10/30
51: G06F

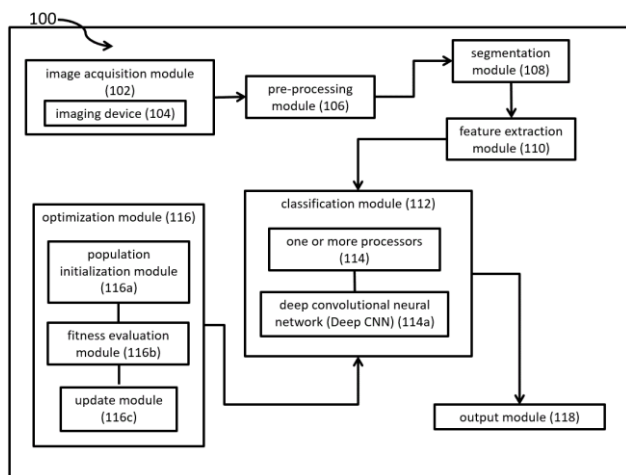
71: NITHYA REKHA SIVAKUMAR, PRASANALAKSHMI BALAJI, ARSHIYA BEGUM, ASFIA SABAHATH, SYEDA MERAJ BILFAQIH, JAYA SHANKER TEDLA, SARAVANA BALAJI BALASUBRAMANIAN

72: NITHYA REKHA SIVAKUMAR, PRASANALAKSHMI BALAJI, ARSHIYA BEGUM, ASFIA SABAHATH, SYEDA MERAJ BILFAQIH, JAYA SHANKER TEDLA, SARAVANA BALAJI BALASUBRAMANIAN

54: A SYSTEM FOR TRANSFER LEARNING-BASED SKIN CANCER DIAGNOSIS AND CLASSIFICATION

00: -
The present invention relates to a system for transfer learning-based skin cancer diagnosis and classification. The transfer learning-based system integrates image acquisition, pre-processing, SegNet segmentation, ResNet-18 feature extraction, and WWHFO-optimized Deep CNN classification for automated skin cancer diagnosis, ensuring accurate and timely interventions. The system utilizes a SegNet model for segmenting input skin images and a pre-trained ResNet-18 model for extracting features from the segments. A deep convolutional neural network (Deep CNN) receives the extracted features for classification. The training of the Deep CNN is optimized using a novel Water Wave Hen

Feature Optimization (WWHFO) algorithm, combining the Water Wave Optimization (WWO) and Chicken Swarm Optimization (CSO) algorithms. The WWHFO algorithm optimizes weights, hyperparameters, and learning parameters of the Deep CNN. The system achieves high accuracy (94.77%), sensitivity (96.20%), specificity (95.35%), and F1-measure (93.96%) in detecting and classifying skin cancer from skin images.

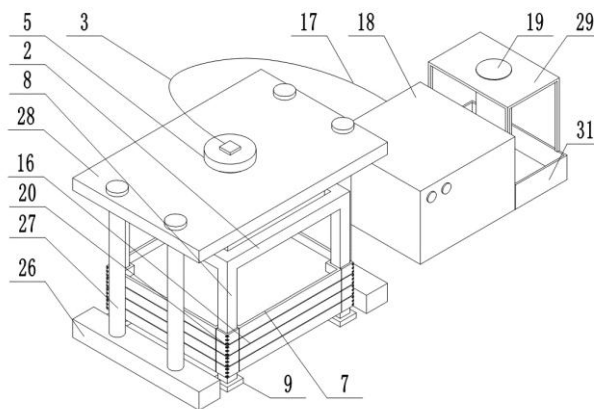


21: 2024/03130. 22: 2024/04/23. 43: 2024/11/08
 51: G01N
 71: Xiangtan University, Anhui University of Science and Technology, East China University of Technology
 72: WANG Xinfeng, JIANG Tian, HAO Fuxu, ZHU Chuanqi, XU Haofu, ZHA Wenhua, ZHANG Xiaoqiang, XIE Chengyu, WANG Long, WANG Jinmiao

54: TEST DEVICE FOR MONITORING EVOLUTION MODEL OF OVERLYING STRATA MOVEMENT IN STOPE WITH VARIABLE FACE LENGTH

00: -
 The invention discloses a test device for monitoring evolution model of overlying strata movement in stope with variable face length, which comprises a frame system, which comprises a support assembly fixed on the ground, and a test assembly is installed on the support assembly; a bearing system, which comprises a bearing assembly covered outside the support assembly, a reaction plate is installed at the top of the bearing assembly, and the reaction plate is located above the support assembly; a hydraulic loading system, which comprises a loading device installed at the bottom of the reaction plate, the output end of the loading device is correspondingly

arranged and abutted against the test assembly; and a monitoring system, which is installed on the test assembly and electrically connected with the external receiving device. The test device of the invention is simple and convenient to use, low in labor intensity and high in measurement accuracy, which greatly promotes the use of three-dimensional similar simulation experiments.

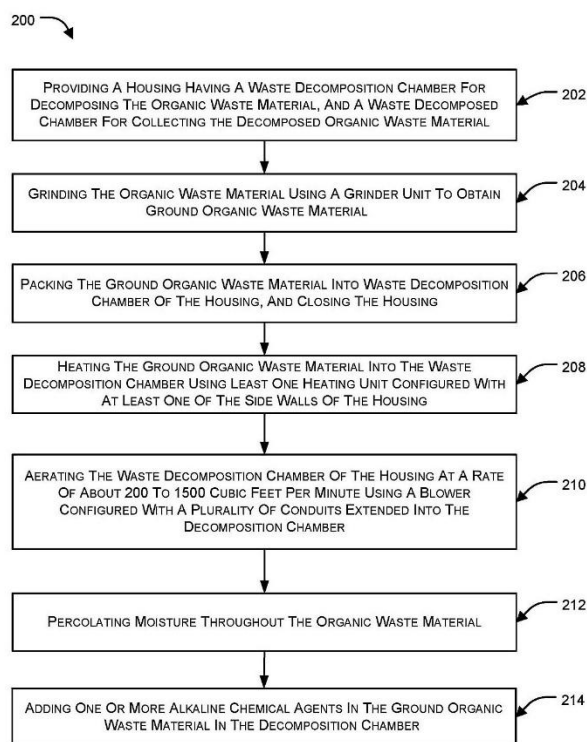


21: 2024/03132. 22: 2024/04/23. 43: 2024/10/30
 51: C09D; C23G; F02B
 71: Dr. Basavaraju Bennehalli, Dr. Budigi Lokesh, Dr. Swetha Madamala, Dr. Ravi Kumar Chandrappa, Dr. Sakshi Shantharam Kamath, Dr. Mohan Reddy Ramappa, Dr. Sunil Basavaraju, Dr. Chandrasekaran Raghuraman
 72: Dr. Basavaraju Bennehalli, Dr. Budigi Lokesh, Dr. Swetha Madamala, Dr. Ravi Kumar Chandrappa, Dr. Sakshi Shantharam Kamath, Dr. Mohan Reddy Ramappa, Dr. Sunil Basavaraju, Dr. Chandrasekaran Raghuraman

54: AN ECONOMIC AND EFFICIENT METHOD FOR DECOMPOSING ORGANIC DISPOSALS

00: -
 The invention pertains to an economic and far efficient system and method for decomposing organic waste material. This innovation involves a housing with two chambers: a waste decomposition chamber responsible for decomposing the waste material, and a waste decomposed chamber designed to collect the decomposed organic waste material. Additionally, the system includes a grinder unit to grind the organic waste material and transfer it into the decomposition chamber. A heating unit is employed to heat the ground organic waste material, increasing pressure through water vaporization and aiding in decomposition.

Furthermore, the system features a series of conduits and a blower for aerating the decomposition chamber. Alkaline chemical agents are introduced into the ground organic waste material within the decomposition chamber to expedite the 15 decomposition process.



21: 2024/03134. 22: 2024/04/23. 43: 2024/10/30
51: G01N

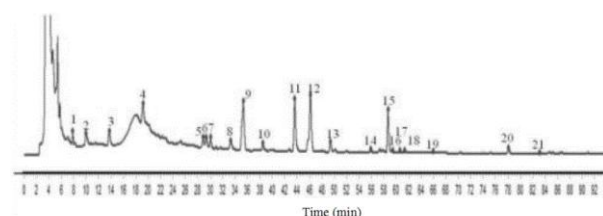
71: Institute of Chinese Materia Medica, China Academy of Chinese Medical Sciences
72: ZHANG Cun, WANG Yun, JIA Zhe, WANG Guoyou, ZHANG Xue, SONG Yanan

54: METHOD FOR DETERMINING CONTENT OF CHEMICAL COMPONENTS OF CHUANXIONG TEA TIAOSAN BY USING FINGERPRINT

00: -

The invention discloses a method for determining the content of chemical components of Chuanxiong tea Tiaosan by using fingerprint. The steps are as follows: preparing the test product solution; Preparation of reference solution; Establish the fingerprint of the test product; Chromatogram of the reference was established. Determine the reference peak and calibrate the characteristic peak; the calibrated characteristic peaks were quantitatively analyzed. The method for establishing HPLC

fingerprint can simultaneously determine cosimin, liquiritin, cosimin, 5-O-the content of methylvesamitol glycoside, ligustrone I, hymolol glycoside, ligustrone A and hymolol glycoside is obtained to achieve the purpose of qualitative and quantitative control of Chuanxiong Chatiao SAN only by means of fingerprint, which required short time and high efficiency; the obtained fingerprint has clean background, good peak separation effect, stable baseline and good accuracy, which is suitable for constructing Chuanxiong Chatiaosan integral fingerprint. The quantitative method has good precision, strong repeatability, high stability, high recovery rate, and accurate and reliable quantitative results.



21: 2024/03135. 22: 2024/04/23. 43: 2024/10/30
51: C12N; C12Q

71: QINGDAO RUISIDE MEDICAL LABORATORY CO., LTD.

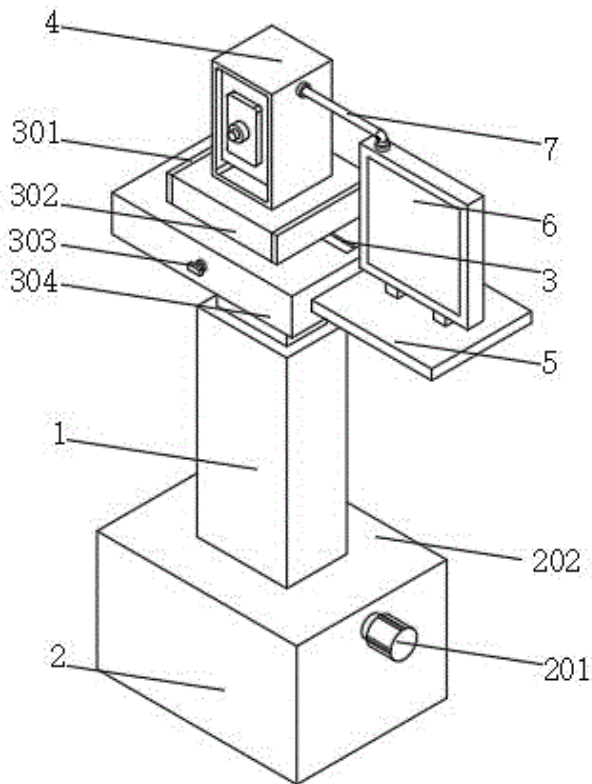
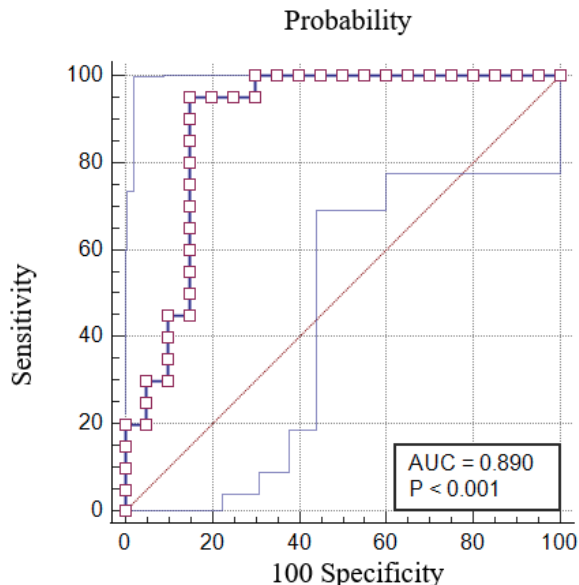
72: CHEN, Mengmeng, ZHANG, Bingqiang, CHENG, Ying, YU, Junmei, LUAN, Yansong, ZHOU, Yang, LIU, He, SUN, Jing, HAN, Lihui, SUN, Yundong

33: CN 31: 2023113284496 32: 2023-10-13

54: A BLADDER CANCER DETECTION KIT AND DETECTION METHOD

00: -

The present invention discloses a bladder cancer detection kit and detection method. The kit includes a DHFR PCR reaction solution, a Twist1 and TSC21 PCR reaction solution, a point mutation positive control, a methylation positive control and a negative control. According to the present invention, by detecting the point mutation of a DHFR gene and the methylation level of a promoter region of TSC21 and Twist1 genes in a sample, the joint detection of gene point mutation and methylation is achieved for determining whether the sample is cancerous. The kit is convenient and simple to operate, high in detection sensitivity and high in specificity, and has a very positive significance in the detection of bladder cancer.



21: 2024/03136. 22: 2024/04/23. 43: 2024/10/30
 51: F16M
 71: Kunming Metallurgy College
 72: Yong Cheng, Yiming Wen, Xiaoyan Zeng, Qi Nie, Wei Wu, Jinliang Zhang, Zhixian Zhong, Yufeng Guo, Hanping Zhang, Guowen Jiang

54: A MOBILE GEOLOGICAL EXPLORATION DEVICE FOR MINERAL PROSPECTING

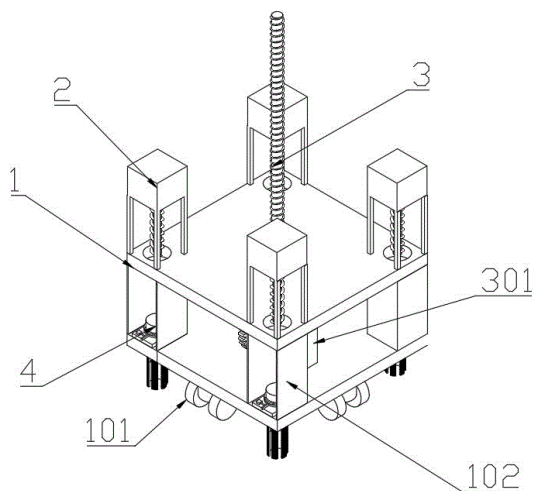
00: -
 This invention discloses a mobile geological exploration device suitable for mineral prospecting, specifically pertaining to the field of geological exploration. The device comprises an electric telescopic rod, with a drive component fixedly connected below and a mounting component fixedly connected above. The exploration device body is fixedly connected above the mounting component, with a fixed plate attached to its right side. A display screen is fixedly connected above the fixed plate. A connecting wire is fixedly connected above the slide rod. The drive component includes a base housing a servo motor capable of driving the drive shaft to rotate. Under the drive shaft's influence, the transmission rod and the threaded rod rotate synchronously, thereby pushing the support plate and its connected universal wheels downward until the support plate fully extends from the base, allowing the universal wheels to contact the ground. Thus, users can easily move the exploration device and its stand, significantly enhancing work efficiency.

21: 2024/03137. 22: 2024/04/23. 43: 2024/10/30
 51: G01N
 71: Kunming Metallurgy College
 72: Yong Cheng, Qi Nie, Yiming Wen, Xiaoyan Zeng, Long Jian, Ping Lu, Leishu Tan, Jifei Lin, Zhi Ma

54: AN INTELLIGENT SAMPLING DEVICE FOR MINING AND GEOLOGICAL EXPLORATION

00: -
 This invention reveals an intelligent sampling device for mining and geological exploration, comprising a mounting frame, drilling mechanism, fixing mechanism, and sampling mechanism. The mounting frame includes upper and lower square plates. Both the central and peripheral areas of the upper and lower square plates are equipped with through-holes. The periphery of the upper end of the square holes around the lower square plate is fitted with U-shaped tubes to flexibly connect to the upper square plate. The outer side of the upper end of the peripheral through-holes of the upper square plate is equipped with square rods to flexibly connect to the drilling mechanism. The sampling mechanism consists of a screw and a motor. The worm is positioned within the central through-hole of the

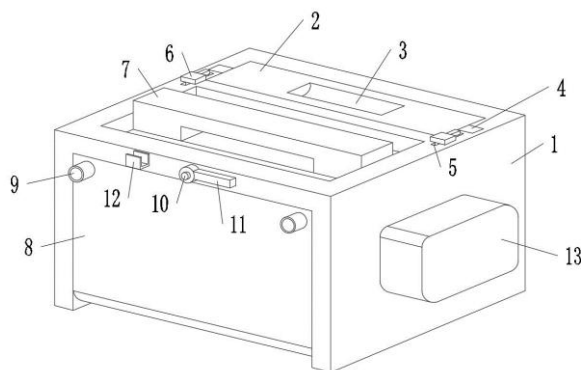
mounting frame. The motor is flexibly mounted on the upper end of the lower square plate, with its front end fitted with gears to engage with the worm. The fixing mechanism includes a support platform, hydraulic push rods, electric push rods, a push disk, transmission rods, and support plates. The support platform is arrayed with square slots to flexibly connect to the support plates, and its center is equipped with an annular slot to flexibly connect to the push disk. The periphery of the support platform is set with electric push rods to flexibly connect to the push plates, and the upper end of the support platform is flexibly connected to the hydraulic push rods.



21: 2024/03138. 22: 2024/04/23. 43: 2024/10/30
 51: E21C
 71: Kunming Metallurgy College, Yunnan Decheng Planning and Design Co., Ltd.
 72: Yiming Wen, Yong Cheng, Xiaoyan Zeng, Shicheng Zhao, Zhi Ma, Dongliang An, Yuan Gong, Zhipeng Ma, Ping Lu, Qi Nie, Jifei Lin, Jianbo Xia
54: A SYSTEM FOR MONITORING THE EXTRACTION HEIGHT AND MATERIAL VOLUME OF MINING MACHINERY

00: -
 This invention pertains to the field of geological mining technology and discloses a system for monitoring the extraction height and material volume of mining machinery. The system includes a main body casing, the top of which is slidingly connected to a display screen. The top of the display screen is equipped with a pull-out groove, and the left and right ends of the display screen are fixedly

connected to lifting sliders. The top of the main body casing features a sliding slot, within which a limit slider is slidingly connected. This invention allows for the adjustment of the display screen's pull-out position height by sliding the limit slider within the sliding slot to insert and limit the positioning hole. The positioning rod, set on the surface of the rotating shaft, facilitates the rotation to limit the control board once it is retracted. By setting the positioning rod to rotate into the storage slot and using an extension rod to set up a pull handle, the overall movement of the equipment is made convenient, bringing ease of use to the workers.

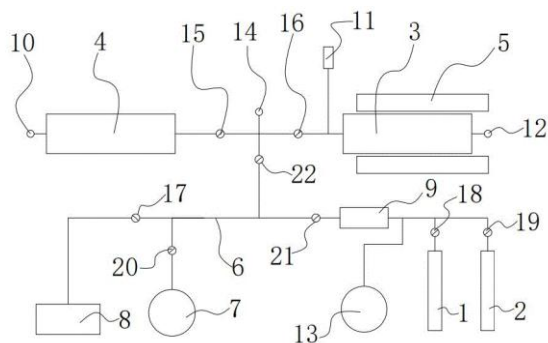


21: 2024/03139. 22: 2024/04/23. 43: 2024/10/30
 51: G01N
 71: Henan University of Urban Construction
 72: Fangchao Lu, Yiju Tang, Sheng Liu, Yifang Wang, Junwei Zhang, Quan Ma, Junli Jia, Chiyuan Liu, Jingjing Liu

54: A METHOD FOR MEASURING METHANE ADSORPTION CAPACITY OF COAL SAMPLES USING LOW FIELD NUCLEAR MAGNETIC RESONANCE

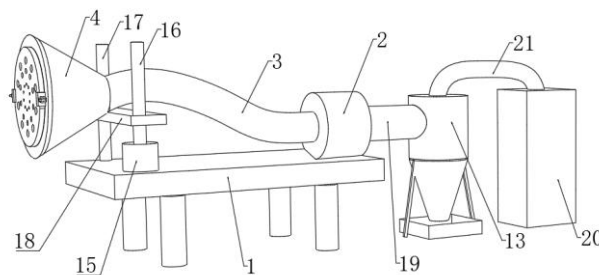
00: -
 The invention discloses a method for measuring methane adsorption amount of coal sample by using low field nuclear magnetic resonance. The method uses low field nuclear magnetic resonance to measure methane adsorption capacity of coal sample. The method uses selected measurement parameters to measure the low field nuclear magnetic resonance to obtain the nuclear magnetic T2 spectrum of methane in coal sample after methane adsorption equilibrium under set pressure. The method provided by the invention adopts low field nuclear magnetic resonance to measure the methane adsorption capacity of coal sample. The adsorbed gas content per unit mass of the coal

sample under corresponding pressure is measured by the nuclear magnetic T2 spectrum after the methane adsorption equilibrium of the powder coal sample. The standard condition volume of adsorbed methane gas of the coal sample is obtained by integrating the spectral peak signal amplitude of 0.3-5ms in the nuclear magnetic T2 spectrum. Thus, the adsorption methane content per unit mass of coal under the set pressure is obtained, and the error between the calculation results and the volumetric method is smaller, more accurate, and more suitable for popularization.



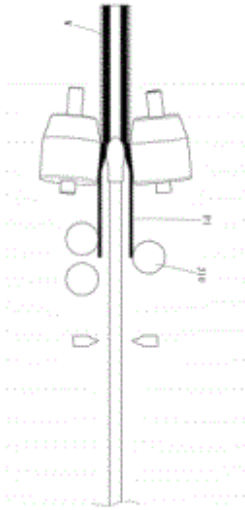
21: 2024/03140. 22: 2024/04/23. 43: 2024/10/30
 51: B43L
 71: Nantong Institute of Technology
 72: Wang Zhiguo
54: DEVICE FOR CAPTURING CARBON DIOXIDE FOR CARBON DIOXIDE DISSOLVED MINERALS
 00: -

The present invention provides a device for capturing carbon dioxide for carbon dioxide dissolved minerals, including a placing table. An air pump is fixedly connected to a right side of a top of the placing table, a telescopic pipe is fixedly connected to a left side of the air pump, a capturing net cover is fixedly connected to a left side of the telescopic pipe, a filter screen is arranged on an outer side of the capturing net cover, and jacks are disposed on two sides of the filter screen. In the present invention, through an electric motor, a screw rod, a guiding rod, a lifting plate and the capturing net cover cooperating with each other, a position of the capturing net cover can be adjusted, and external gas can be conveniently and better collected.



21: 2024/03163. 22: 2024/04/24. 43: 2024/10/31
 51: B21B
 71: WUHU SINO-HYDROGEN NEW ENERGY TECHNOLOGY Co., Ltd.
 72: LI, Xinzhong, LIU, Dongmei, LI, Xinhua, ZENG, Meilan
 33: CN 31: 202310469353.5 32: 2023-04-27
54: COLD ROLLING SYSTEM AND METHOD FOR THIN-WALLED STAINLESS STEEL TUBE
 00: -

The present invention provides a cold rolling system for a thin-walled stainless steel tube. The system includes: a tube supply mechanism including a machine housing and a linear jacking mechanism positioned in the machine housing to jack a prefabricated circular tube to a rolling mill assembly; and the rolling mill assembly arranged downstream of the tube supply mechanism and including a pair of rollers arranged up and down and a jacking core arranged between the pair of rollers, and the pair of rollers rotating in opposite directions. The upper roller inclines to one side and downwards, the lower roller inclines to the other side and upwards, and an axis of the upper roller, an axis of the lower roller, and an axis of the jacking core intersect.



21: 2024/03164. 22: 2024/04/24. 43: 2024/10/31
51: H04B

71: Chengdu CAST BIT Technology Co., Ltd
72: Yawei Wang, Weiguo Wang, Zhong Ren, Hui Tang, Jian Yang

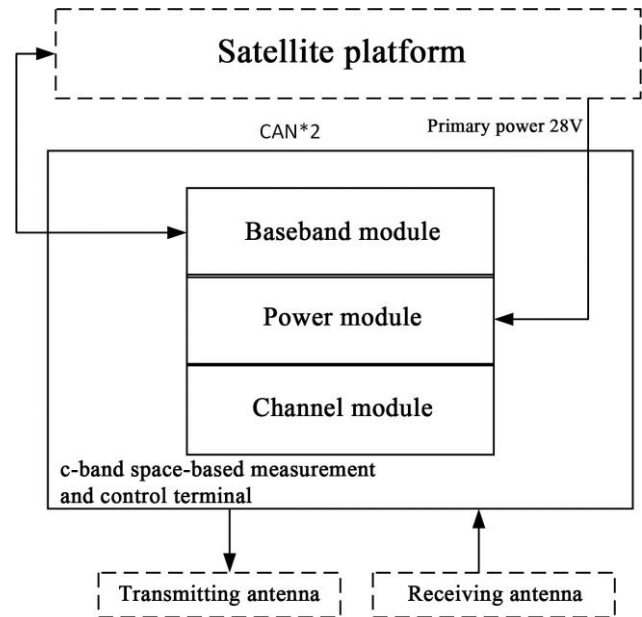
33: CN 31: 202311148425.2 32: 2023-09-06

54: A C-BAND SPACE-BASED MEASUREMENT AND CONTROL TERMINAL

00: -

This application belongs to the technical field of space-based measurement and control terminal, which specifically relates to a c-band space-based measurement and control terminal. The measurement and control baseband receives and analyzes CAN bus instructions to complete the collection of telemetry information. The system of sending stars via CAN bus. The measurement and control channel receives the forward link radio frequency signal input from the measurement and control antenna, completes down-conversion, filtering and amplification, and outputs the if signal to the measurement and control baseband. After being transformed by ADC in the measurement and control baseband, the baseband signal is converted into a digital down-conversion in FPGA, the baseband signal is decoded and demodulated, and the remote control information is output. The baseband module receives the backward telemetry data sent by the platform at the same time, completes the spread spectrum and modulation of the backward signal, and outputs the intermediate frequency signal to the radio frequency transmitting module of the measurement and control channel, and filters and

amplifies the output radio frequency signal in the radio frequency transmitting channel. The invention can be applied to low-orbit spacecraft, can realize all-weather uninterrupted work, and can complete uninterrupted measurement and control and large number of data transmission tasks.



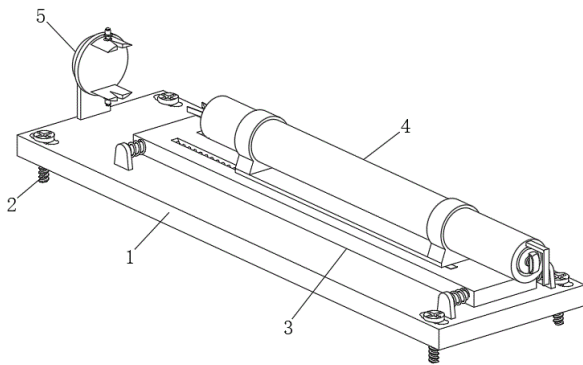
21: 2024/03165. 22: 2024/04/24. 43: 2024/10/31
51: G09B

71: Nanyang Wolong District Maternal and Child Care Hospital
72: Xiping CHEN

54: A SHEARING DEVICE FOR GYNECOLOGICAL LAPAROSCOPIC SURGERY TRAINING

00: -

The disclosure provides a shearing device for gynecological laparoscopic surgical training, belonging to the field of medical devices, comprising a base, in which a bar hole is opened at each of four corners of the base, and a mounting bolt is threaded in the bar hole; a sliding frame provided on an upper surface of the base; a shearing mechanism provided on the sliding frame and capable of movement in a horizontal forward and backward direction and movement in a horizontal left and right direction as well as rotation through the sliding frame; and a surgical wire binding mechanism provided on the upper surface of the base to bind a surgical wire for shearing training.



21: 2024/03166. 22: 2024/04/24. 43: 2024/10/31
51: A61B

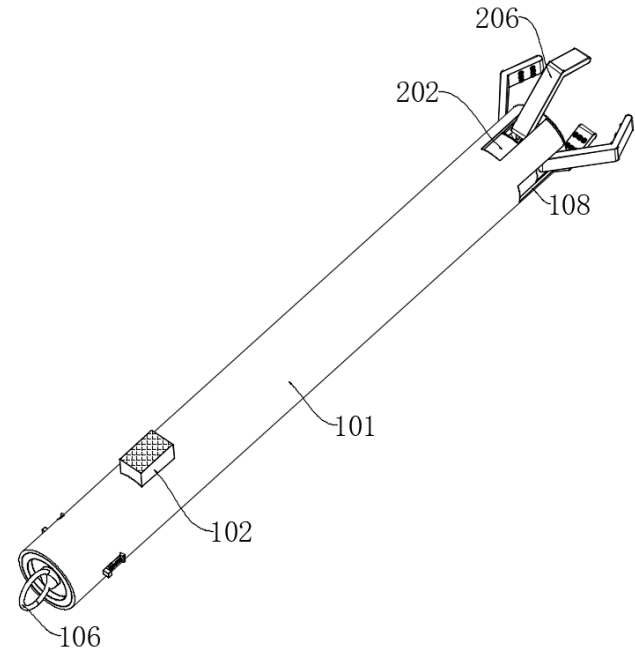
71: Nanyang Wolong District Maternal and Child Care Hospital

72: CHEN Xinping

54: A UTERINE FIXATION DEVICE FOR GYNECOLOGICAL LAPAROSCOPIC SURGERY

00: -

The disclosure provides a uterine fixation device for gynecological laparoscopic surgery, including a fixator body, in which an interior of fixator body is hollowed out, a suction pump is fixedly connected to an outer wall of the fixator body, an annular concave sliding frame is fixedly connected to an inner wall of the fixator body, an annular convex slider is slidably connected to an inner wall of the annular concave sliding frame, and a rotating rod is fixedly connected to a middle axis of a side wall of the annular convex slider.



21: 2024/03179. 22: 2024/04/24. 43: 2024/10/31
51: H04W

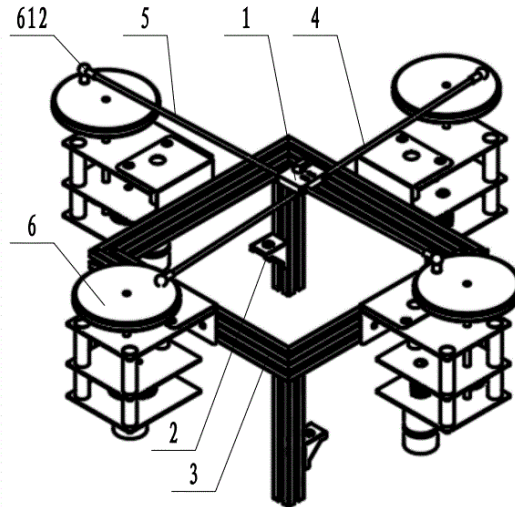
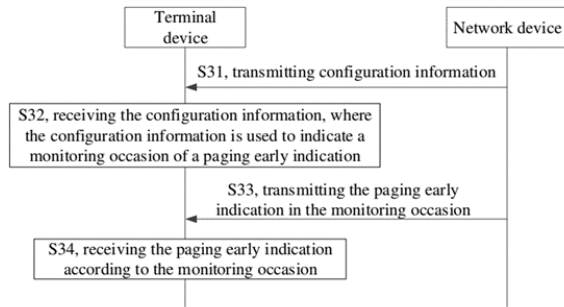
71: SHENZHEN TRANSSION HOLDINGS CO., LTD.

72: ZHU, Rongchang, HUANG, Junwei

54: PROCESSING METHOD, COMMUNICATION DEVICE, COMMUNICATION SYSTEM AND STORAGE MEDIUM

00: -

Provided in the present application are a processing method, a communication device, a communication system and a storage medium. The method is applied to a terminal device, and comprises: receiving configuration information, wherein the configuration information is used for indicating a monitoring occasion of a paging early indication; and receiving the paging early indication on the basis of the monitoring occasion, wherein the paging early indication is used for indicating whether there is a paging message in at least one paging occasion. In the solution of the present application, the monitoring occasion of the paging early indication can be indicated by means of the configuration information, so as to increase the success rate of receiving the paging early indication.



21: 2024/03200. 22: 2024/04/25. 43: 2024/10/31
51: G06F

71: SOUTHWEST UNIVERSITY

72: DING Haomin, WANG Shun Yao, DING Zhu Yu,
PANG Chuan, YUE Shuai, PAN Hanyu, ZHAO
Tianyang, XIE Hengjun, WANG Junzhe, FAN Li

33: CN 31: 2023223565595 32: 2023-08-30

54: PHYSICAL DEMONSTRATION DEVICE FOR DRAWING PROCESS AND FORMING PRINCIPLE OF LISSAJOUS GRAPHICS

00: -

The invention relates to a Lissajous graphic drawing device, which includes a paper carrying table and a pen clamping block, where an X-axis connecting rod and a Y-axis connecting rod are connected with the pen clamping block in a sliding way; the X-axis connecting rod and the Y-axis connecting rod are used for driving the pen clamping device to move on the paper carrying table in the X-direction and the Y-direction; the X-axis connecting rod and the Y-axis connecting rod are both connected with a driving mechanism, the driving mechanism includes a driving motor, a reduction gear set and a disk; the output end of the driving motor is connected with the reduction gear set; the output end of the reduction gear set is connected with a disk, and a fixing hole for connecting an X-axis connecting rod or a Y-axis connecting rod is arranged on the horizontal plane of the disk far from the center of the circle. The invention can draw Lissajous graphics with different scales.

21: 2024/03202. 22: 2024/04/25. 43: 2024/11/01
51: E21B

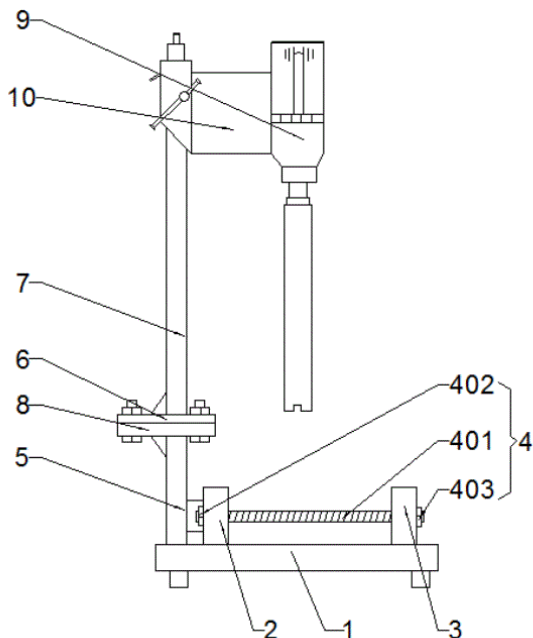
71: Guizhou University, Guizhou panjiang clean coal co., ltd, Bijie zhongcheng energy co., ltd

72: Zhenqian Ma, Mingzhong, Wang, Jinhai Shang,
Qingrong, Huang, Shulin, Lu, Yongxin, Duan

54: DRILL CORING DEVICE

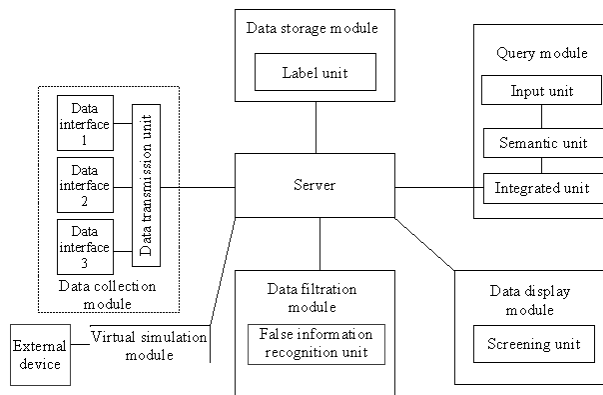
00: -

The present disclosure discloses a drill coring device, a drill structure and a fixing structure. The drill structure is detachably mounted on the fixing structure, and the fixing structure includes a base and a clamp arranged on the base, wherein the clamp includes a fixed clamping element, a movable clamping element and fasteners; the fixed clamping element is fixedly mounted on the base, and the movable clamping element is arranged opposite to the fixed clamping element; a clamping space is formed between the fixed clamping element and the movable clamping element; the movable clamping element is movably mounted on the base; and the fasteners are used for fastening the movable clamping element. The drill coring device of the present disclosure can not only fix irregular rocks with different volumes to ensure the stability of a coring process, but can also facilitate carrying.

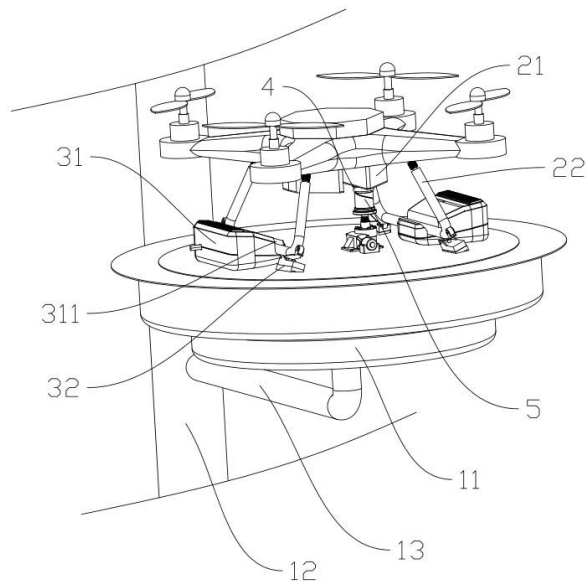
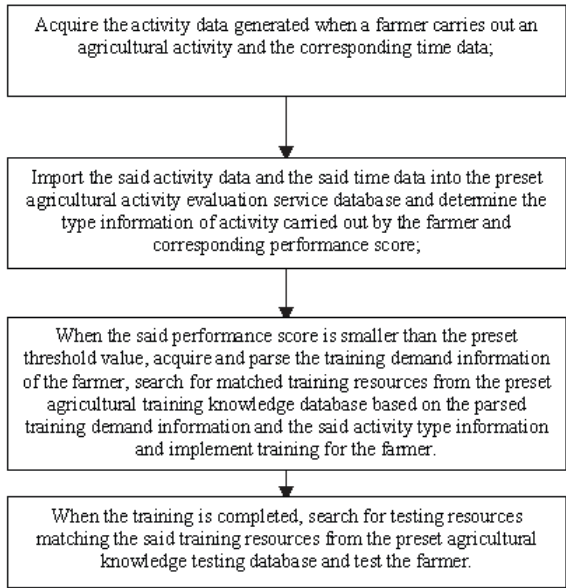


21: 2024/03205. 22: 2024/04/25. 43: 2024/10/31
 51: H04L; H04N
 71: INNER MONGOLIA ACADEMY OF AGRICULTURAL AND ANIMALHUSBANDRY SCIENCES
 72: Tingting REN, Handan ZHANG, Baomin GUO, Tiansong LI, Ling LI, You LV, Yujia ZHANG, Na ZHUO
54: AN INFORMATION PLATFORM OF MULTIMEDIA FUSION
 00: -
 The present invention discloses an information platform of multimedia fusion, which belongs to the technical field of media fusion, comprising a server, a data collection module, a data filtration module, a data storage module and a data display module; wherein the said data collection module sends different data sources to the said server, and the said server forwards the said data sources to the said data filtration module and sends the filtrated data back to the said server; the said server sends the filtrated data to the said data storage module for storage and the said data are displayed through the said data display module. The present invention gets a first result through recognition and extension by a semantic unit and gets a second result through eliminating abnormal data during the recognition and extension process of the said integrated unit; and recognizes false information through built-in algorithm models, and screens out desired data by

labels, thereby decreasing the amount of data display and increasing the efficiency and quality of information access.



21: 2024/03206. 22: 2024/04/25. 43: 2024/10/31
 51: A01G; G06Q
 71: INNER MONGOLIA ACADEMY OF AGRICULTURAL AND ANIMALHUSBANDRY SCIENCES
 72: Handan ZHANG, Tingting REN, Ling LI
54: AN AGRICULTURAL KNOWLEDGE TRAINING METHOD, SYSTEM AND STORABLE MEDIUM
 00: -
 The present invention discloses an agricultural knowledge training method, system and storable medium and relates to the remote monitoring, training and testing technology field, wherein the method comprises the following steps: Acquire the activity data generated when a farmer carries out an agricultural activity and the corresponding time data; Import the said activity data and the said time data into the preset agricultural activity evaluation service database and determine the type information of activity carried out by the farmer and corresponding performance score; When the said performance score is smaller than the preset threshold value, acquire and parse the training demand information of the farmer, search for matched training resources from the preset agricultural training knowledge database based on the parsed training demand information and the said activity type information and implement training for the farmer; The present invention can help farmers understand and use different agricultural knowledge.



21: 2024/03236. 22: 2024/04/25. 43: 2024/10/31
 51: H02G; H02J
 71: XINGZHI COLLEGE ZHEJIANG NORMAL UNIVERSITY, MERRY WISER (JINHUA) TECHNOLOGY DEVELOPMENT CO., LTD
 72: DUAN, Zhizhuang, HUANG, Ruiyang, HUANG, Yuyun, LIN, Guchong

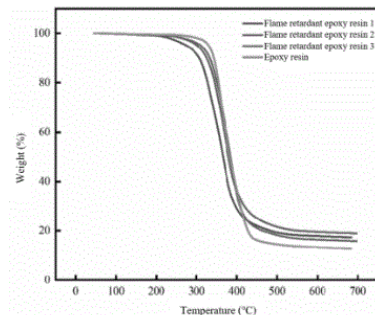
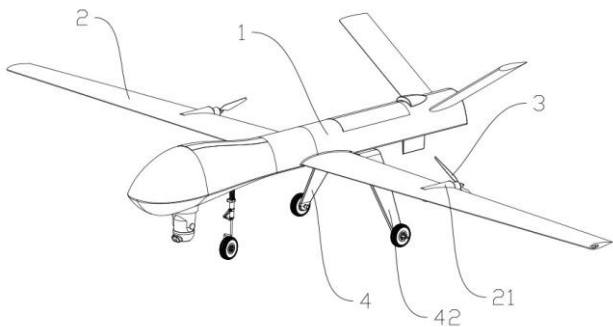
54: WATERPROOF AUTOMATIC CHARGING INTERFACE OF UAVS

00: -
 Disclosed is a charging interface of UAVs, comprising a surface of the parking apron is provided with a docking assembly; a bottom of the UAV is exposed and provided with a power box and a fuselage supporting frame; a middle of the power box is provided with a waterproof female plug; a bottom of the female plug is provided with a first charging channel; an inner wall of the first charging channel is provided with a first waterproof panel; a surface of the first waterproof panel is provided with a plurality of panel through holes which at an inner surface is provided with soft plastic sheets which has a sealing function; a surface of the lifting assembly is provided with a waterproof male plug which is provided with a second charging channel; a second waterproof panel is movably connected inside the second charging channel.

21: 2024/03237. 22: 2024/04/25. 43: 2024/10/31
 51: B64C
 71: XINGZHI COLLEGE ZHEJIANG NORMAL UNIVERSITY, MERRY WISER (JINHUA) TECHNOLOGY DEVELOPMENT CO., LTD
 72: DUAN, Zhizhuang, HUANG, Ruiyang, HUANG, Yuyun, LIN, Guchong

54: STORABLE MULTI-ROTOR UAV

00: -
 Disclosed is a storable multi-rotor UAV, comprising a fuselage with a sliding supporting assembly towards its bottom and a plurality of storage notches on its surface with lifting lug bosses inside each of the notches, and fixed wings on both sides of the fuselage, with a cylindrical lug boss containing a telescopic rod in the centre of each wing arranged, an end of the cylindrical lug boss is provided with a flight driving assembly; the top of which is provided with a notch upper cover; the top of each second lifting lug boss is provided with a rotor motor; and an end of a rotating shaft of the rotor motor is provided with a lifting rotor. When the UAV needs to move vertically, the telescopic rod drives the cover upwards, the second lifting lug boss drives the motor upwards, the rotating shaft of the motor drives the lifting rotor.



21: 2024/03239. 22: 2024/04/26. 43: 2024/11/07
 51: C08G
 71: Henan University of Urban Construction
 72: ZHANG, Yanbing, REN, Haibo, MAO, Yanli, LI, Pengfei, HUANG, Jinhe, MEI, Haoyun, SHEN, Yue, MA, Han

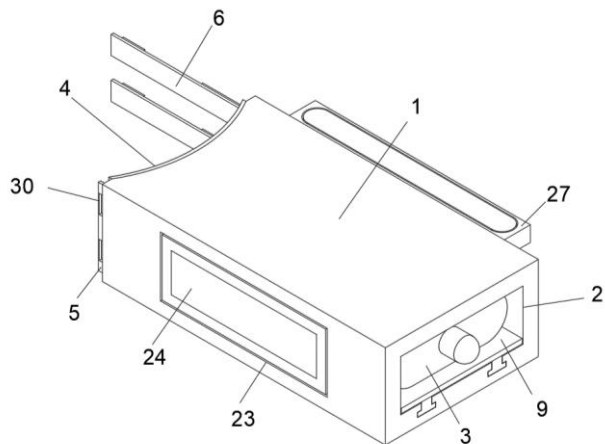
54: FLAME RETARDANT COMPOSITE AND FLAME RETARDANT EPOXY RESIN

00: -
 The present invention relates to a flame retardant composite and flame retardant epoxy resin. The flame retardant composite of the present invention is composed of a composite flame retardant, a charring agent and charring synergist. A mass ratio of the composite flame retardant to the charring agent to the charring synergist is 4-10:0.75-4.5:1. The charring synergist is MXene, the composite flame retardant is composed of a phosphorus-nitrogen flame retardant and a nitrogen flame retardant, and a mass ratio of the phosphorus-nitrogen flame retardant to the nitrogen flame retardant is 1:1-6:1. According to the present invention, the MXene is used as the charring synergist, combined with the composite flame retardant and the charring agent to form the flame-retardant composite, the flame-retardant composite is combined with epoxy resin to prepare the flame retardant epoxy resin, and vertical combustion performance of the flame retardant epoxy resin reaches UL94 V-0.

21: 2024/03245. 22: 2024/04/26. 43: 2024/11/07
 51: G01H
 71: Zhengzhou Normal University
 72: Zhu Ye
 33: CN 31: 202311018418.0 32: 2023-08-14

54: DECIBEL DETECTION DEVICE

00: -
 The present invention provides a decibel detection device. Key points of technical solutions are as follows. A placement block is included, a placement groove being disposed on one side of the placement block, and a decibel detector being movably sleeved at an interior of the placement groove; a non-skid pad is included, the non-skid pad being fixedly connected to one side of the placement block, and a fixing plate being fixedly connected to one side of the placement block; a fixing assembly, the fixing assembly being arranged on one side of the placement block for fixing the placement block; and an adjustment assembly, the adjustment assembly being arranged at the interior of the placement groove for adjusting a position of the decibel detector. By arranging a screw rod, the screw rod can drive an adjustment block to move inside an adjustment groove when rotating to cause the decibel detector to move out of the interior of the placement groove. Since a connection block is movably sleeved with a connection groove, it is convenient to replace the decibel detector to a different position at a later stage to cause the decibel detector to detect a decibel of a music sound at different positions.



21: 2024/03248. 22: 2024/04/26. 43: 2024/11/07

51: C02F

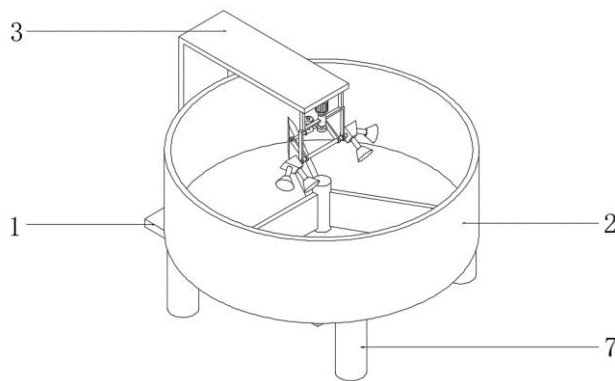
71: Jinzhong University, JZU

72: Li Yong

54: DEVICE FOR PHOTOCATALYTIC CONTINUOUS DEGRADATION OF POLLUTANTS IN WATER

00: -

The present invention provides a device for photocatalytic continuous degradation of pollutants in water, and relates to the technical field of refractory wastewater. A swinging irradiation mechanism includes a first electric motor and L-shaped connecting strips, the first electric motor is fixedly connected to L-shaped connecting plates, a first connecting disc is fixedly connected to an output end of the first electric motor, a second connecting disc is fixedly connected to the first connecting disc via a connecting rod, a sliding connecting rod is slidably connected to an inner wall of the second connecting disc, and a rotating rod is rotatably connected to the sliding connecting rod via a connecting sleeve. According to the present invention, by arranging the swinging irradiation mechanism, light source can perform swing irradiation with fixed action inside the device to ensure that each part of photocatalyst can receive light uniformly, thereby improving the efficiency and uniformity of photocatalytic reaction, increasing the mixing degree of photocatalyst filler with water body, and improving the contact opportunity between the pollutants and the photocatalyst. This mixing helps to accelerate the photocatalytic reaction and improve the degradation efficiency.



21: 2024/03290. 22: 2024/04/26. 43: 2024/11/07

51: B05B

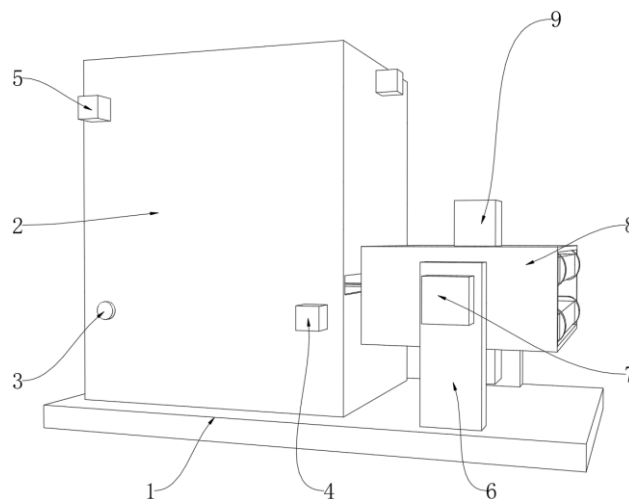
71: Anhui Sandi Electronic Technology Co., Ltd

72: Gui Feng

54: ANTIRUST PAINT SPRAYING DEVICE FOR PRODUCTION OF ELECTRONIC EQUIPMENT

00: -

Disclosed is an antirust paint spraying device for the production of electronic equipment, including a base plate. Middles of outer rings of screw rods penetrate through and are threadedly connected to nut pairs. Front and rear sides of support plates are penetrated by and rotatably connected to fixing shafts. A top and a bottom of a flipping box are fixedly connected to pneumatic telescopic rods, and the other ends of the pneumatic telescopic rods are fixedly connected to clamping plates. In the present invention, a spray head is driven to move left and right by the nut pair on the left and to move back and forth by the nut pair at the top, and the fixing shafts and the flipping box are driven to rotate by third motors.



21: 2024/03299. 22: 2024/04/29. 43: 2024/11/11

51: G06F

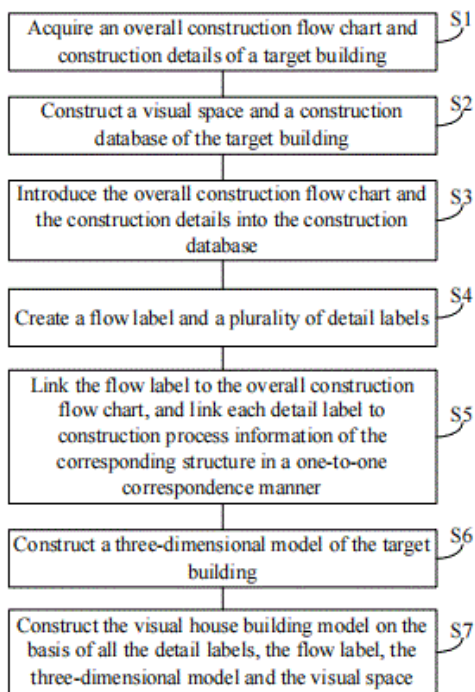
71: Henan University of Urban Construction

72: LIU, Changsheng

54: METHOD FOR CONSTRUCTING VISUAL HOUSE BUILDING MODEL, AND SYSTEM

00: -

Disclosed is a method for constructing a visual house building model, and a system. The method includes: acquiring an overall construction flow chart and construction details of a target building; constructing a visual space and a construction database of the target building; introducing the overall construction flow chart and the construction details into the construction database; creating a flow label and a plurality of detail labels, where each detail label corresponds to one structure in the target building; linking the flow label to the overall construction flow chart, and linking each detail label to construction process information of the corresponding structure in a one-to-one correspondence manner; constructing a three-dimensional model of the target building; and constructing the visual house building model on the basis of all the detail labels, the flow label, the three-dimensional model and the visual space.



21: 2024/03302. 22: 2024/04/29. 43: 2024/11/11
51: H04L

71: BAICHENG NORMAL UNIVERSITY

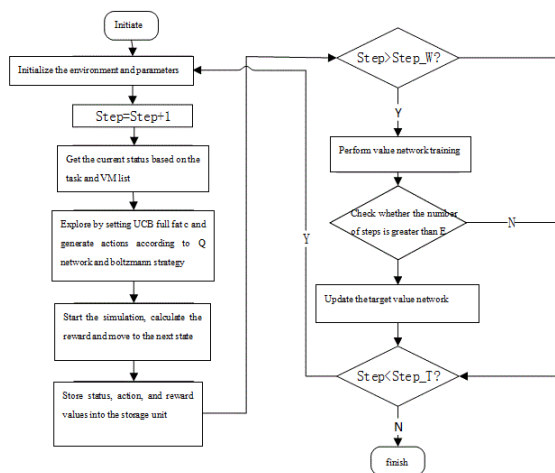
72: LI Gang, CHENG Chenyu, LI Jingli, FAN Jiaqing, MA Yongjie

33: CN 31: 2023117163005 32: 2023-12-13

54: DEEP Q LEARNING CLOUD TASK SCHEDULING METHOD BASED ON IMPROVED EXPLORATION STRATEGY

00: -

The invention discloses a deep Q learning cloud task scheduling method based on an improved exploration strategy, which comprises: obtaining the cloud task to be scheduled, inputting the cloud task to be scheduled into the cloud task scheduling model, outputting the scheduling result, and scheduling the cloud task based on the scheduling result; the cloud task scheduling model is trained by training set, and the cloud task scheduling model is constructed by deep Q learning network. The invention can realize intelligent resource scheduling, task allocation and load balancing, thereby improving the performance and efficiency of the system.



21: 2024/03304. 22: 2024/04/29. 43: 2024/11/11

51: F42B

71: LUBBE, Gert, Petrus

72: LUBBE, Gert, Petrus

54: A FUSE RETAINER

00: -

The fuse retainer includes a support sized to be received by an elongate hole defined in an object in the form of a rock formation, in which an explosive is to be introduced, a receiving formation extending from the support for receiving a fuse therein, a securing formation for securing the fuse within the receiving formation, an attachment arrangement extending from an end region of the support for

permitting attachment thereof to an explosive delivery apparatus, and a locating formation extending from the support for facilitating substantially central positioning of the support relative to the elongate hole.

21: 2024/03305. 22: 2024/04/29. 43: 2024/11/11

51: G01L

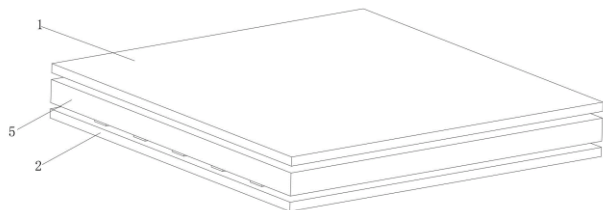
71: Xinyu University

72: Zhimin Yan, Jianyang Liu, Xiaoxin Zhang

54: ARRAY FLEXIBLE SENSOR AND USE METHOD THEREOF

00: -

The invention discloses an array flexible sensor and a using method thereof, which comprises an upper insulating layer and a lower insulating layer, wherein a metal row electrodes are equidistantly installed on one side of the upper insulating layer close to the lower insulating layer, and metal column electrodes are equidistantly installed on one side of the lower insulating layer close to the upper insulating layer, the metal row electrode and the metal column electrode are vertically arranged, and a pressure sensing component is installed between the upper insulating layer and the lower insulating layer, and the pressure sensing component comprises an isolation layer arranged between the upper insulating layer and the lower insulating layer, and installing grooves are uniformly arranged on the isolation layer; in the invention, during work, the arranged pressure resistor is installed in the installing groove on the isolation layer, the isolation layer is installed on the lower insulating layer, the upper insulating layer is installed on the isolation layer, and the three-layer film body is clamped by pressing, so that the pressure resistor can be directly installed in the installing groove, and both the upper insulating layer and the lower insulating layer are clamped with the pressure resistor, which is convenient for installation.



21: 2024/03309. 22: 2024/04/29. 43: 2024/11/11

51: C07D

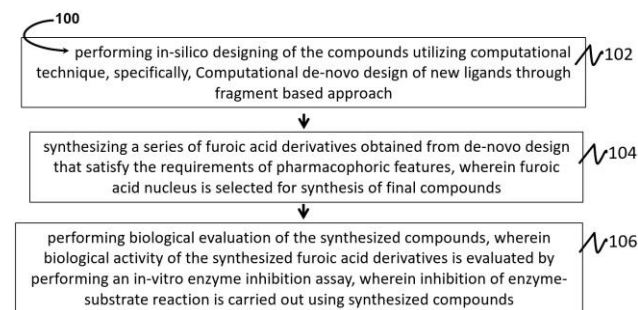
71: Piyush Ghode, Sanmati Kumar Jain, Yogesh Vaishnav

72: Sanmati Kumar Jain, Yogesh Vaishnav, Piyush Ghode

54: A METHOD FOR DESIGNING AND SYNTHESIZING COMPOUNDS EXHIBITING DPP-IV INHIBITORY POTENTIAL

00: -

The present invention relates to a method for designing and synthesizing compounds exhibiting DPP-IV potential. The disclosed method involves a comprehensive approach to design, synthesize, and evaluate furoic acid derivatives with DPP-IV inhibitory potential. In-silico design utilizes a computational technique, de-novo ligand design via a fragment-based approach. The synthesis involves sequential steps, yielding N-(substituted phenyl)-5-(4-methoxyphenyl) furan-2-carboxamides. Characterizations through spectroscopy ensure compound identity. Biological evaluation encompasses in-vitro DPP-IV inhibitory assays via a colorimetric method and in-vivo antidiabetic activity testing using a Streptozotocin-induced diabetes model. The method provides a systematic framework for designing, synthesizing, and assessing potential DPP-IV inhibitors with applications in diabetes treatment.



21: 2024/03310. 22: 2024/04/29. 43: 2024/11/11

51: C05G

71: Dao Mingzhao

72: Dao Mingzhao

54: SOIL CONDITIONER AND USING METHOD THEREFOR

00: -

Disclosed are a soil conditioner and a using method therefor, falling within the technical field of soil pollution control. The present invention includes the following components: calcium oxide, silicon dioxide, magnesium oxide, potassium oxide, selenium and a

microbial agent. A part weight of each of the components is: 4-12 parts of the calcium oxide, 8-22 parts of the silicon dioxide, 2-7 parts of the magnesium oxide, 5-10 parts of the potassium oxide, 10-30 parts of the microbial agent, and 0.01-0.03 parts of the selenium. The soil conditioner of the present invention is rich in trace elements, high in beneficial bacteria, and non-caking for five years. By chelating the trace elements and the microbial agent, the soil conditioner can balance a pH of soil, replenish the trace elements and beneficial bacteria to the soil, improve a utilization rate of fertilizers, achieve the effect of improving quality and increasing yield, and has a good conditioning effect on the soil to effectively improve soil quality.

21: 2024/03316. 22: 2024/04/29. 43: 2024/11/11
51: G06F

71: Huainan Normal University

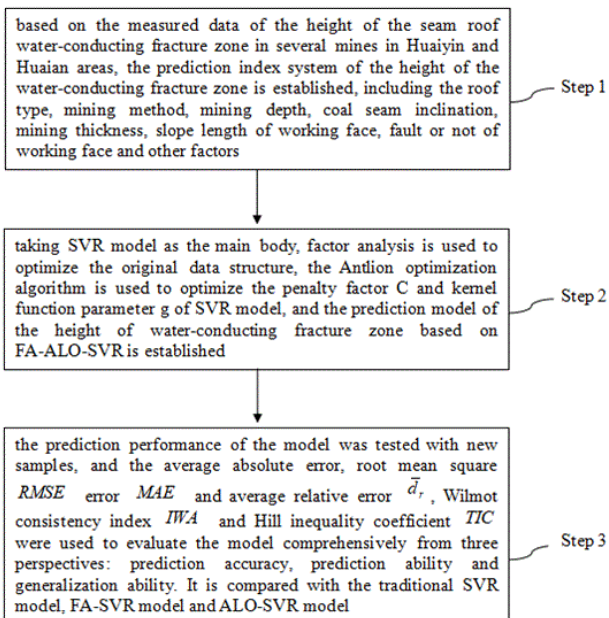
72: Yaoshan BI, Kaifeng HUANG, Long WU, Litong DOU, Dong LI, Fenghui LI, Keliang ZHAN

54: METHOD TO CONSTRUCT A PREDICTION MODEL FOR THE HEIGHT OF WATER-CONDUCTING FRACTURE ZONE BASED ON MULTI-FACTOR COMPREHENSIVE ANALYSIS

00: -

The invention belongs to the field of water-conducting fracture zone height prediction technology and discloses a method for constructing a water-conducting fracture zone height prediction model based on multi-factor comprehensive analysis. This invention, based on the actual measured water-conducting fracture zone height data of the coal seam roof in multiple mines in the Lihuai mining area, established a prediction index system for the water-conducting fracture zone height, including roof type, mining method, mining depth, coal seam dip angle, mining thickness, working face inclination length, and whether there is a fault in the working face; taking SVR model as the main body, the original data structure was optimized by factor analysis (FA), the penalty factor C and kernel function parameter g of the SVR model were optimized by ant colony optimization algorithm (ALO), and a water-conducting fracture zone height prediction model based on FA-ALO-SVR was established; then the predictive performance of the model was verified by new samples, and the predictive performance of the FA-ALO-SVR water-

conducting fracture zone height prediction model was further improved, with better practicability.



21: 2024/03320. 22: 2024/04/29. 43: 2024/11/11
51: B09B

71: Sichuan University of Science & Engineering, SICHUAN ZHIXIANGYI TECHNOLOGY CO., LTD, Sichuan Bozhiduo Technology Co., Ltd, Chih-Yuan Tsou, Zigong Zhishengxin Technology Co., Ltd
72: Chi-Hui Tsou, Chih-Yuan Tsou, Shuang Chen, DE GUZMAN Manuel Reyes, POTIYARAJ Pranut, Tao Yang, Xue-Fei Hu, Jianhua Du, Zheng-Lu Ma, Rui Zeng, Feifan Ge, Ruo-Yao Wang, Changlei Qu, Zhijun Chen, Chenyu Wang, Shuya Zhao, Jialu Lei, Gaowei Liu

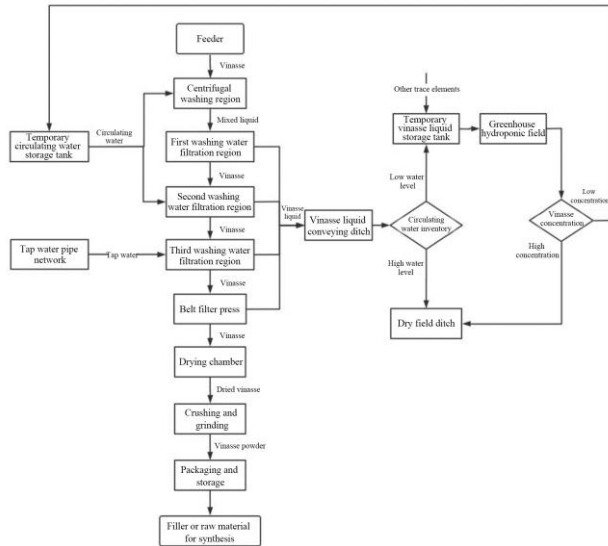
33: CN 31: 202111019359.X 32: 2021-09-01

54: A PRODUCTION LINE-BASED COMPREHENSIVE DISTILLER'S GRAINS PROCESSING SYSTEM

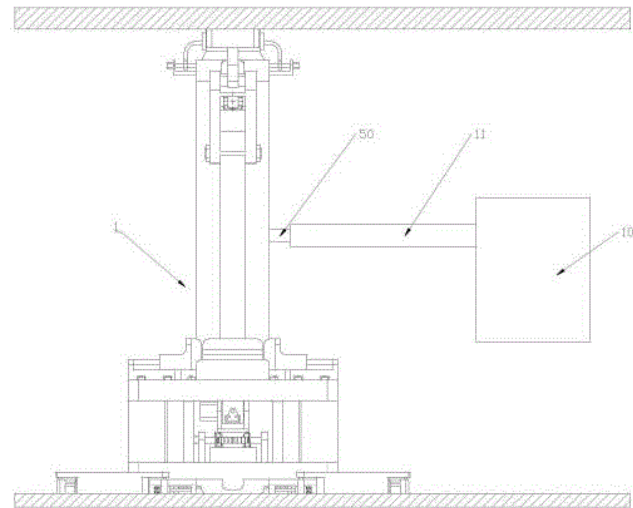
00: -

A production line-type comprehensive vinasse treatment system includes a vinasse conveying system, a vinasse washing system, a vinasse liquid utilization and circulation system, and a cleaned vinasse treatment system. The vinasse conveying system includes a feeder and an inclined conveyor belt. An inlet and an outlet of the inclined conveyor belt are provided at an outlet of the feeder and an inlet of a centrifugal washing device respectively. The vinasse washing system includes the centrifugal washing device and multiple cascaded spiral blade solid-liquid separation devices for heavy materials

each provided with a spiral blade separator, a high-pressure water spraying port, and a liquid drain valve connected to a vinasse liquid conveying pipe. The cleaned vinasse treatment system includes a belt filter press, a drying machine, and a crushing and grinding machine.



a detachable base and support rod structure for easy transportation, and the support rod is rotated by the motor structure on the base to adjust the mounting position of the support rod, so that it is easy to stand up the support rod to support the top of the tunnel. The adjustability of the support process is good and simple, which improves the reliability of the support for the dynamic pressure roadway and along the hollow stay roadway, reduces the risk of collapse, and improves the safety of the roadway.



21: 2024/03346. 22: 2024/04/30. 43: 2024/11/11
51: E21D
71: Huainan Normal University
72: DOU Litong, WU Long, HUANG Kaifeng, LI Dong, ZHOU Ruihong, MIAO Wenbo, SONG Benjia, FU Qiang

33: CN 31: 2023110254982 32: 2023-08-14
54: ROADWAY SUPPORT EQUIPMENT FOR DYNAMIC PRESSURE ROADWAY AND GOB-SIDE ENTRY RETENTION AND METHOD THEREOF

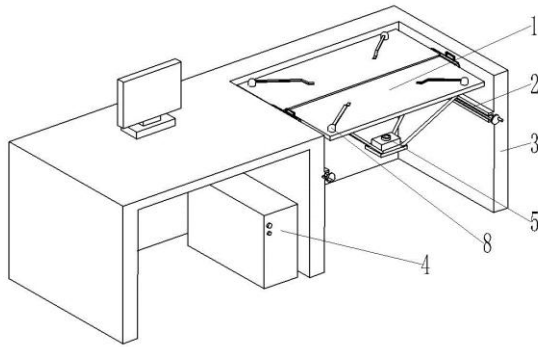
00: -
The invention discloses a roadway support equipment for dynamic pressure roadway and gob-side entry retention and its operational method, and relates to the technical field of roadway support equipment. The roadway support equipment consists of support body and grouting equipment. The support body includes: a base; a support rod vertically set at the center of the base; an array of side fasteners for stabilizing the support rod set on the base; and two auxiliary support rods rotationally set on both sides of the support rod; the operational methodology includes the following steps: assembly; selection of installation location; support operation; and grouting reinforcement. The tunnel support equipment of the present invention is designed with

21: 2024/03347. 22: 2024/04/30. 43: 2024/11/11
51: A47B
71: Anhui Vocational and Technical College
72: ZHOU Yuqin, ZHANG Li, REN Xiaoli, SU Wei

54: CLOTHING DESIGN WORKBENCH

00: -
The invention belongs to the technical field of clothing design, and relates to a clothing design workbench, which comprises an opening and closing plate component, wherein the opening and closing plate component comprises a lifting plate and an opening and closing plate, and a pair of opening and closing components are arranged on both sides of the lifting plate and the opening and closing plate, and the opening and closing component controls the closing or pulling between the lifting plate and the opening and closing plate; the cutting component is arranged between that lifting plate and the opening and closing plate and used for cut the cloth on the lifting plate and the opening and closing plate, a cutting state and an uncut state are arranged between the lifting plate and the opening and closing

plate, in the cutting state, the lifting plate and the opening and closing plate are pulled apart, and the cutting component protrudes from between the lifting plate and the opening and closing plate; in the uncut state, the lifting plate and the opening and closing plate are closed, and the cutting component is located at one side of the lifting plate and the opening and closing plate near the ground, and a pair of lifting components are arranged at one side of the lifting plate near the ground to control the rotation angles of the lifting plate and the opening and closing plate. The workbench has a variety of functions, which is convenient for designers to operate.



21: 2024/03349. 22: 2024/04/30. 43: 2024/11/12
51: G06F

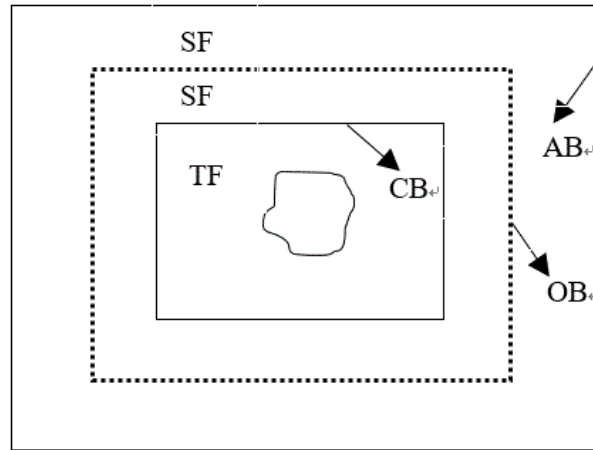
71: Huainan Normal University
72: Huainan Normal University, Ma Lixian, Fan Zhenhong

54: ELECTROMAGNETIC SCATTERING ANALYSIS WITH REDUCED-ORDER SPECTRAL-ELEMENT TIME-DOMAIN METHOD BASED ON PROPER ORTHOGONAL DECOMPOSITION

00: -

The present invention provides an electromagnetic scattering analysis with a reduced-order spectral-element time-domain (SETD) method based on proper orthogonal decomposition (POD), falling within the field of microwave millimeter wave analysis and testing. The POD-based reduced-order SETD method includes the steps of: S1: division of a region; S2: calculation of a function of the region; S3: explicit iteration; S4: formulation of a snapshot matrix; and S5: a POD-SETD iterative equation. The electromagnetic scattering based on a wave equation is solved by the reduced-order SETD method based on an orthogonal decomposition method, and Gauss-Lobatto-Legendre (GLL)

orthogonal polynomials are adopted, having the advantages of spectral accuracy and easy realization of arbitrary high-order basis functions. Unknown sorting is carried out according to an order of nodes to cause a quality matrix to have block diagonal characteristics.



21: 2024/03353. 22: 2024/04/30. 43: 2024/11/12

51: A61C

71: SHENZHEN SHUYE TECHNOLOGY CO., LTD.

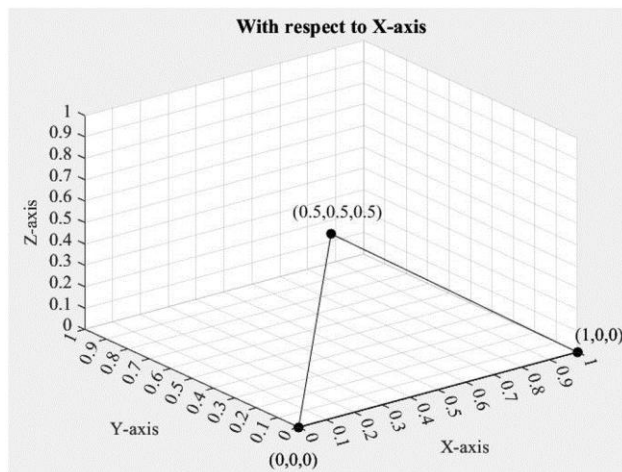
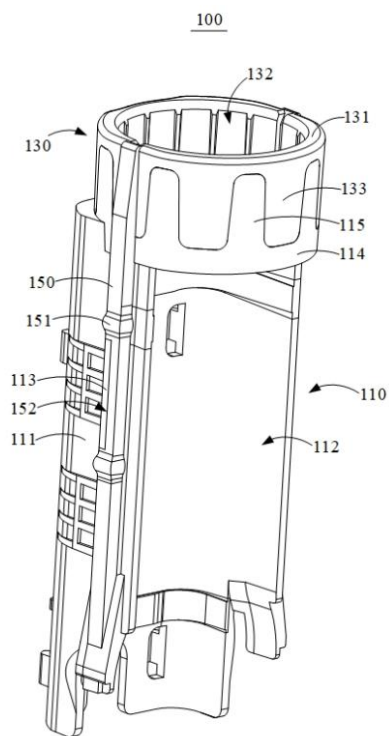
72: Hongxin YE

33: CN 31: 2023105117769 32: 2023-05-06

54: HOLDER ASSEMBLY FOR ELECTRIC TOOTHBRUSH AND ELECTRIC TOOTHBRUSH

00: -

A holder assembly for an electric toothbrush and an electric toothbrush. The holder assembly includes: a holder body and an elastic cushioning member. The holder body includes a main body portion and a connection structure connected to each other; the connection structure includes an insertion mating portion. The elastic cushioning member includes a mounting cylinder; the mounting cylinder includes a motor cushioning portion; the motor cushioning portion and the insertion mating portion are insertion-connected and fixed in an axial direction of the mounting cylinder. The motor cushioning portion includes a peripheral cushioning surface and an axial cushioning surface; the insertion mating portion includes a peripheral mating surface and an axial mating surface, the peripheral mating surface abuts against and is mated with the peripheral cushioning surface around the axial direction, and the axial mating surface abuts against and is mated with the axial cushioning surface around the axial direction.



21: 2024/03356. 22: 2024/04/30. 43: 2024/11/12
51: G06F

71: VISHWAKARMA INSTITUTE OF TECHNOLOGY

72: DHABE, Priyadarshan, AGARWAL, Priyasha, AGRAWAL, Nupur, ADAK, Shantanu, MATTOO, Aaryan

54: A METHOD FOR PATTERN RECOGNITION

00: -

Pattern Recognition corresponds to the field of Artificial Intelligence that deals with automated recognition of patterns. It aims at deciding the set of features that uniquely identify a given pattern and classify them into a specific class or category.

Pattern recognition and classification is a field that is still under study and growing. There exist many algorithms and classifiers that facilitate pattern recognition and classification. Most of these algorithms have been tried and tested on various datasets and their efficiency and accuracy has been mapped. Each method has pros and cons. The present invention proposes a totally new outlook to pattern classification by using the concept of Dhabe's triangles, which focusses on the use of triangles and its properties to identify and classify patterns. The present invention describes the said proposed approach in detail.

21: 2024/03357. 22: 2024/04/30. 43: 2024/11/12
51: G06Q

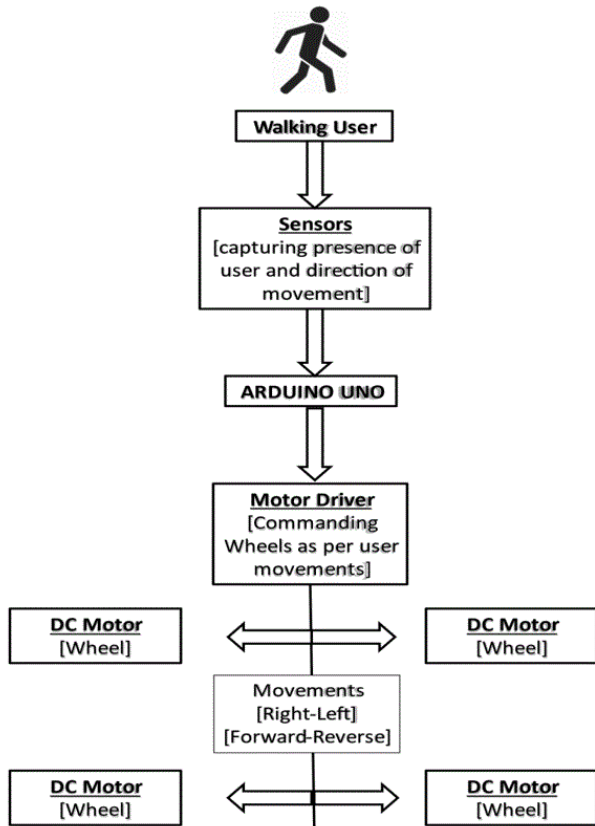
71: VISHWAKARMA INSTITUTE OF TECHNOLOGY

72: DANGE, Varsha, SHINDE, Pritam Bhausaheb, SHINDE, Nikhil Sunil, SHELKE, Prasad Ramnath, SHIRSATH, Aditya Ramesh, BAHULEKAR, Shravani Jayant

54: BATTERY POWERED SMART LUGGAGE VEHICLE

00: -

BSLV is a smart, battery-operated vehicle used for carrying heavy luggage. The system comes with ultrasonic sensors and IR sensors which provide the feature of path following where the vehicle automatically follows the user. The vehicle is built in such a way that it avoids obstacles in its path. The system comes with an inbuilt GPS module which helps to always keep track of the vehicle by sending coordinates of its location on the user's phone. The system is connected to the user's phone via the GSM module. This makes wireless communication between the system and the user's phone possible. The motion of the vehicle and other parameters such as the location of the vehicle can be controlled by users remotely via a mobile application.



21: 2024/03359. 22: 2024/04/30. 43: 2024/11/11
 51: G07B
 71: VISHWAKARMA INSTITUTE OF TECHNOLOGY
 72: KULKARNI, Mukund, BADKAS, Kshitij, BAGDE, Samarth, BAGUL, Siddhi, BAGUL, Girish, BAGDE, Kunal

54: TICKETING SYSTEM FOR SMART CITY BUSES

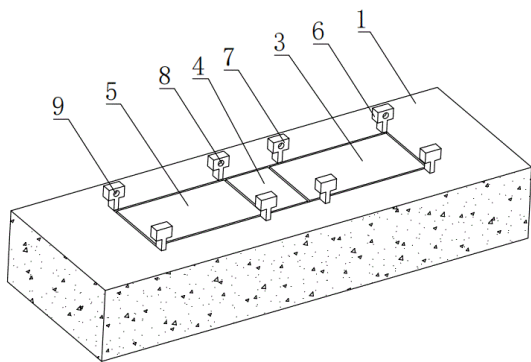
00: -
 Our present invention related to a ticketing system for smart city buses. The proposed method for ticketing where the passengers have to scan a QR code at the start point and once again at their destination bus stop resulting in generation of the fare which can be paid through mobile gateways. It will also allow the passenger to get bus passes as per his/her requirements. The current date and time are automatically recorded and displayed during the generation of tickets and passes. A fine will be imposed if the endpoint QR code is not scanned within 5 hours from the starting point. The passenger's travel history is meticulously recorded and stored within their account details. The system performs a check to confirm if the scanned start and

end QR codes belong to the same bus. When they do, the appropriate fare is calculated; otherwise, a fine is generated. In cases where the start and end QR codes are identical, no deduction is made, resulting in a fare of Rs 0. The introduced Bidirectional Visitor's Counter is a hardware model which envisions an illuminating interplay of indicators depending on the calculations made on the number of passengers entering and leaving the bus. The green light indicator illuminates when seats are available, the yellow LED lights up stating that only standing spots are left in the bus, and the red light signifies full occupancy.



21: 2024/03841. 22: 2024/05/17. 43: 2024/11/05
 51: G01G
 71: HENGKE IOT SYSTEM CORPORATION OF CMST
 72: SONG Kuiyun, ZHOU Chunbo, GU Jianbin, ZHANG Hongliang
54: A METHOD AND SYSTEM FOR IMPROVING THE ACCURACY OF DYNAMIC WEIGHING BASED ON MULTI-SENSOR FUSION
 00: -

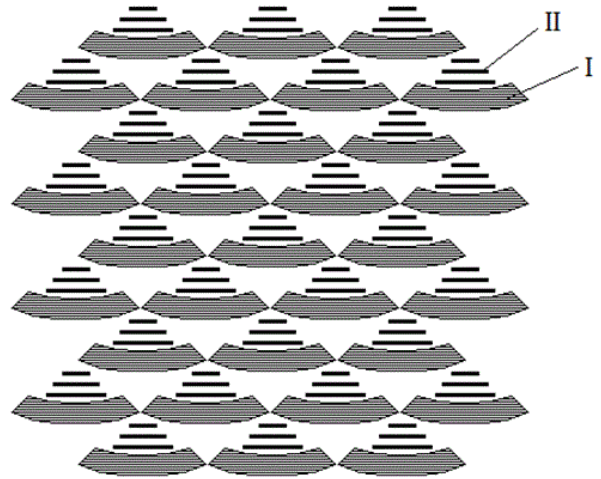
The present invention discloses a method and system for improving the accuracy of dynamic weighing based on multi-sensor fusion, including a foundation and a pit set on the foundation. A prediction section, a platform section, and a measured section are sequentially set along the direction of the incoming vehicle in the pit. The prediction section includes a prediction weight device, with a first speed sensor at the entrance of the prediction weight device and a second speed sensor at the exit of the prediction weight device; The platform section includes a concrete platform; The measured section includes a measured weight device, with a third speed sensor installed at the entry point of the measured weight device and a fourth speed sensor installed at the exit point of the measured weight device; There is a compensation unit inside the pit that is electrically connected to the measured heavy device; The invention solves the problem of inaccurate dynamic weighing by connecting the prediction weight device, actual measurement weight device, compensation unit, and multiple sensors to the control unit through circuits.



21: 2024/05051. 22: 2024/06/27. 43: 2024/11/08
 51: D04B
 71: INNER MONGOLIA KING DEER CASHMERE CO., LTD
 72: Haisheng ZHENG, Xinquan WANG
 33: CN 31: 202310433032.X 32: 2023-04-20
54: EGG TART KNITTED FABRIC STRUCTURE AND KNITTING METHOD THEREOF
 00: -

Disclosed is an egg tart knitted fabric structure and a knitting method thereof, wherein the egg tart knitted fabric structure includes: a basal weave structure, an egg tart weave unit, at least one egg tart weave unit woven on the basal weave structure; the egg tart

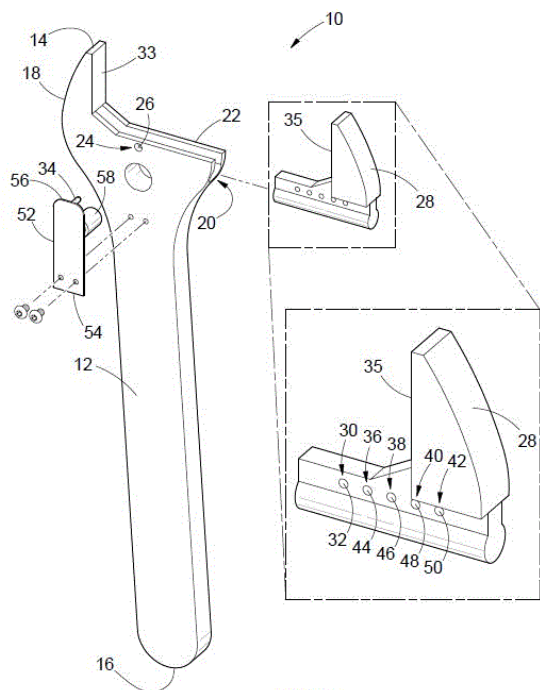
weave unit including: a base outer skin and a stacked egg tart structure, wherein the stacked egg tart structure is located on the upper part of the base outer skin, the base outer skin is in a circular arc shape, and the stacked egg tart structure includes a plurality of single stacked egg tart structures of different lengths. The egg tart knitted fabric structure obtained by the present invention is vivid in an image, strong in a three-dimensional sense, and distinct in layer.



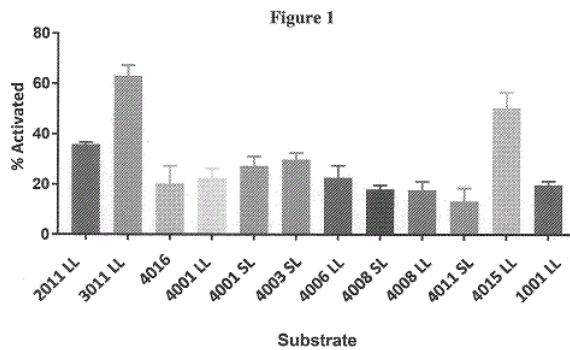
21: 2024/05520. 22: 2024/07/16. 43: 2024/11/06
 51: B25B
 71: JOOSTE, Johan
 72: JOOSTE, Johan
 33: ZA 31: 2023/09824 32: 2023-10-23
54: A DISCRETELY ADJUSTABLE WRENCH WITH PREDETERMINED MOUTH SIZES
 00: -

A discretely adjustable wrench (10) comprises a body (12) having first end (14), and a second end (16). The body (12) comprises a first jaw (18) and defines a slot (20). The body (12) presents a sliding surface (22) located between the slot (20) and the first end (14). The body (12) presents an abutment surface (26) adjacent the slot (20). The wrench (10) comprises a second jaw (28) which is receivable in the slot (20) and displaceable relative to the first jaw (18) and along the sliding surface (22). The second jaw (28) presents an abutment surface (32). The wrench (10) comprises a locking member (34) which is displaceable between an engaged position and a free position. In the engaged position, the member (34) abuts against the abutment surface (26) and the

abutment surface (32). In the free position, the member (34) does not abut against the abutment surface (32) and the first jaw (18) and the second jaw (28) is in an unlocked configuration in which the second jaw (28) is displaceable along the sliding surface (22).



cysteine protease (CP), and to methods of making and using these polypeptides that include at least a CM1 that is a substrate for at least one MMP protease and at least a CM2 that is a substrate for at least one SP protease or at least one cysteine protease (CP) in a variety of therapeutic, diagnostic and prophylactic indications.

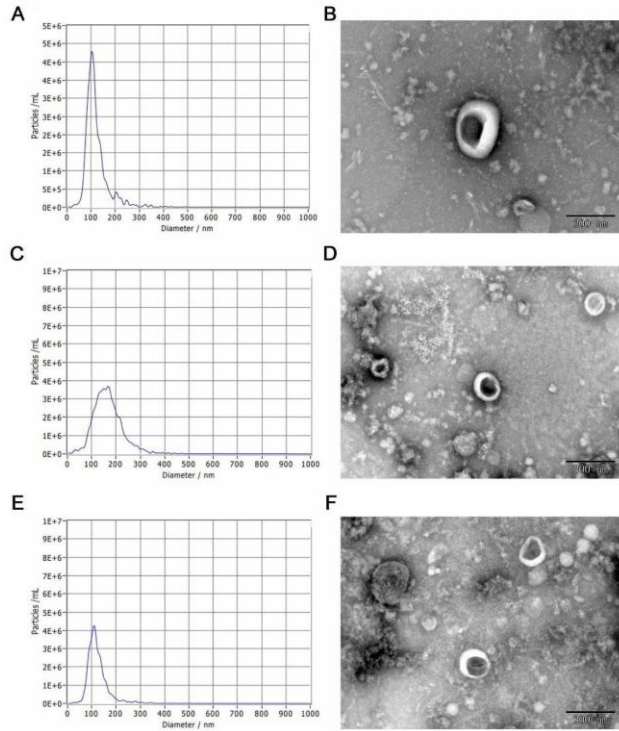


21: 2024/05909. 22: 2024/07/31. 43: 2024/11/05
 51: A61K; A61L; C12N
 71: EYE INSTITUTE OF SHANDONG FIRST MEDICAL UNIVERSITY
 72: SHI, Weiyun, LI, Zongyi, WEI, Chao, ZHOU, Qingjun, HU, Xiangyue
 33: CN 31: 202311776656.8 32: 2023-12-21
54: EXOSOME FROM BEER FERMENTATION LIQUOR, PREPARATION METHOD AND APPLICATION THEREOF

21: 2024/05610. 22: 2019/12/05. 43: 2024/09/09
 51: A61K C07K
 71: CYTOMX THERAPEUTICS, INC.
 72: VASILJEVA, Olga, WINTER, Michael B.
 33: US 31: 62/776,409 32: 2018-12-06
 33: US 31: 62/778,062 32: 2018-12-11
54: MATRIX METALLOPROTEASE-CLEAVABLE AND SERINE OR CYSTEINE PROTEASE-CLEAVABLE SUBSTRATES AND METHODS OF USE THEREOF

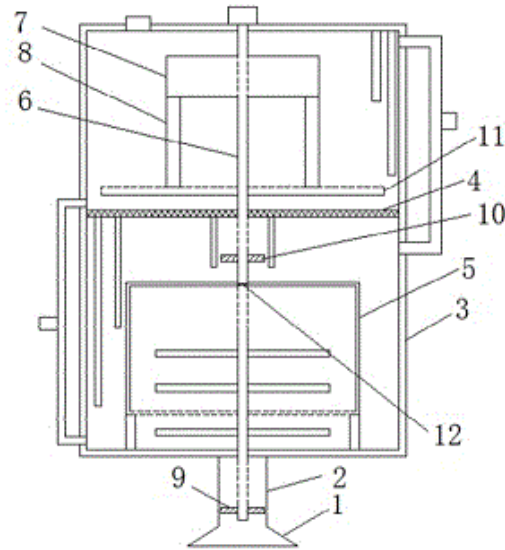
00: -
 The invention relates generally to polypeptides that include at least a first cleavable moiety (CM1) that is a substrate for at least one matrix metalloprotease (MMP) and at least a second cleavable moiety (CM2) that is a substrate for at least one serine protease (SP) or at least one cysteine protease (CP), to activatable antibodies and other larger molecules that include these polypeptides that include at least a CM1 that is a substrate for at least one MMP protease and at least a CM2 that is a substrate for at least one SP protease or at least one

00: -
 The present invention belongs to the technical field of biological fermentation and relates to an exosome derived from beer fermentation broth and a preparation method and application thereof. The present invention provides an exosome derived from beer fermentation broth. An exosome is extracted from beer fermentation broth used as a raw material to obtain the exosome derived from beer fermentation broth. The present invention uses original beer to enrich exosomes, has the characteristics of low cost, easy acquisition, low toxicity, high yield, high biocompatibility and high safety, and can be used as a functional exosome and a drug delivery carrier for repair of tissue damages and treatment of neurodegenerative diseases, thus having a wide application prospect.



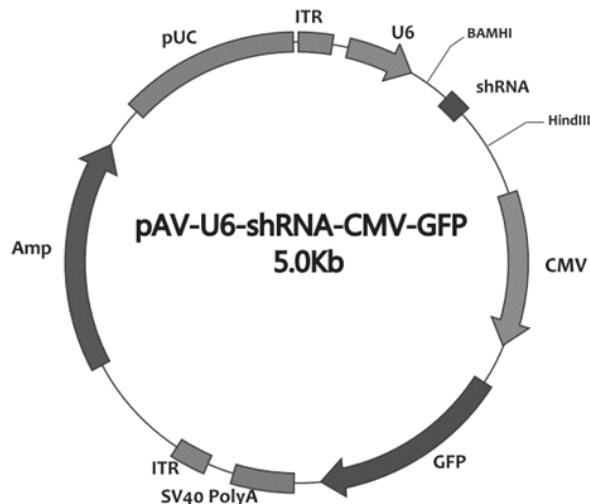
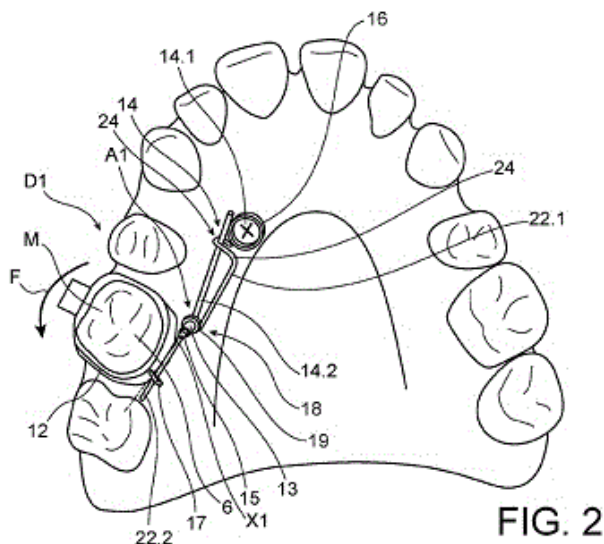
21: 2024/06652. 22: 2024/08/28. 43: 2024/09/11
 51: B01D
 71: CHINA HARBOUR ENGINEERING COMPANY LTD.
 72: XIA, XINRUI
 33: CN 31: 202410768310.1 32: 2024-06-14
54: DUST SUPPRESSION TREATMENT DEVICE FOR ASPHALT CONCRETE MIXING STATION
 00: -

The present invention discloses a dust suppression treatment device for an asphalt concrete mixing station, comprising: a dust hood; a connecting pipe connected with dust hood; a dust removal box connected with connecting pipe; a first baffle dividing dust removal box into an upper and a lower cavity; a frame arranged in lower cavity, frame being provided with multiple first air outlets; a rotating shaft penetrating through dust removal box and first baffle, being provided with a first, a second, a third and a fourth through hole, and being provided with a second baffle; an air guide, rotating shaft passing through air guide, first through hole communicating with air guide; multiple air ducts connected with air guide and communicated with air guide, and towards first baffle; and a first exhaust fan arranged in connecting pipe. The present invention can treat dust suppression and reuse suppressed raw materials.



21: 2024/06856. 22: 2024/09/05. 43: 2024/09/30
 51: A61C
 71: DE BAETS, JAN
 72: DE BAETS, JAN
 33: CH 31: CH000236/2022 32: 2022-03-08
 33: FR 31: FR2201976 32: 2022-03-08
54: DEVICE FOR MOVING AN UPPER MOLAR
 00: -

The invention relates to a device for moving an upper molar (M) having a mesiopalatal cusp, said device comprising: - a support (12) attached to the molar (M), - a rod (14) having a first end (14.1) anchored to a bone of the palate or to at least one tooth adjacent to the molar such that, when the device is in place, the rod has a given position relative to the molar (M), - a joint (A1) that rotates between the support (12) and the rod (14), having an axis of rotation (X1) that is stationary relative to said rod (14) and perpendicular to the occlusal plane, said axis of rotation (X1) being arranged close to the mesiopalatal cusp of the molar (M), - a spring for applying a force to the palatal face of said molar, by applying a rotation to said molar (M) about the axis of rotation (X1) such that said molar (M) rotates distally.



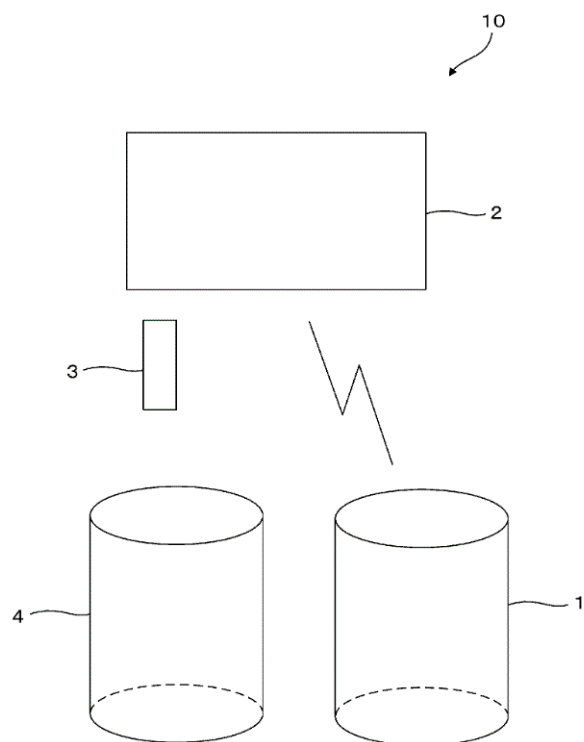
21: 2024/07191. 22: 2024/09/19. 43: 2024/10/16
 51: A61K; C12N; A61P
 71: EYE INSTITUTE OF SHANDONG FIRST MEDICAL UNIVERSITY
 72: WANG, Ting, RUAN, Qingguo, ZHENG, Qian, LIU, Ruiling, SHI, Weiyun, BIAN, Jiang
54: APPLICATION OF C-REL-SPECIFIC SHRNA IN INHIBITING CORNEAL TRANSPLANT REJECTION

00: -
 The present invention belongs to the field of biomedicine and relates to a recombinant adeno-associated virus carrying c-Rel-specific shRNA and an application thereof in inhibiting corneal transplant rejection. The recombinant adeno-associated virus provided by the present invention is used for inhibiting the expression of c-Rel genes and/or inhibiting the expression of c-Rel-regulated inflammatory factors in cells of individuals with corneal transplant rejection, which cuts off the malignant inflammatory circuit between innate immunity and adaptive immunity more forcefully and has slighter side effects and higher safety.

21: 2024/07991. 22: 2024/10/22. 43: 2024/10/29
 51: H04N; G06Q
 71: TSUGII Kaori
 72: TSUGII Takehiro
 33: JP 31: 2022-084913 32: 2022-05-25

54: SOCIAL TIPPING MANAGEMENT SYSTEM

00: -
 In a tipping management system 10 for allowing viewers to give a tip to program performers of digital television broadcasting, data broadcasting content to be displayed on a television 2 when a digital television broadcasting program is displayed on the television 2 includes information for the viewer to give the tip. The social tipping management system 10 comprises a data broadcasting creation server for creating the data broadcasting content including information for giving the tip, and a management server 1 for receiving tip data via an Internet line when the viewer gives the tip based on the information for giving the tip included in the data broadcasting content, and determining the amount of money to be distributed to the program performer.



Experimental results show that the highest catalytic activity of the zinc coordination polymer catalyst provided by the invention can reach 512g polymer /g catalyst when catalyzing the copolymerization reaction of carbon dioxide and alkylene oxide.

21: 2024/08439. 22: 2024/11/07. 43: 2024/11/08

51: C08G

71: YANTAI UNIVERSITY

72: QIN Yusheng, QU Rui, SUO Hongyi

33: CN 31: 2022105149290 32: 2022-05-11

54: ZINC COORDINATION POLYMER CATALYST AND PREPARATION METHOD AND APPLICATION THEREOF

00: -

The invention discloses a zinc coordination polymer catalyst and a preparation method and application thereof, and relates to the technical field of catalysts.

The preparation process is as follows: dissolving metal zinc salt and organic carboxylic acid in a solvent to react to obtain a reaction solution R1; dissolving trace metal salt and emulsifier in the solvent to react to obtain a reaction solution R2; then reacting the reaction solutions R1 and R2 in a carbon dioxide atmosphere; and drying and activating the obtained precipitate to obtain the zinc coordination polymer catalyst. The invention realizes the preparation of a zinc coordination polymer by introducing defect sites on the surface of the zinc coordination polymer and improving the surface Lewis acidity, and the coordination polymer can catalyze carbon dioxide copolymerization with high activity to prepare polycarbonate materials.

HYPOTHECATIONS

No records available

JUDGMENTS

No records available

OFFICE PRACTICE 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 2024/10/25 -

A2024/01109 - Chery Automobile Co., Ltd. Class 12. AUTOMOBILES

. - APPLIED ON 2024/10/28 -

A2024/01111 - Essity Hygiene and Health Aktiebolag Class 24. SANITARY ARTICLES

F2024/01117 - SUPERCART SOUTH AFRICA (PTY) LTD Class 12. TROLLEY

A2024/01115 - BYD COMPANY LIMITED Class 12. AUTOMOBILE

A2024/01116 - SUPERCART SOUTH AFRICA (PTY) LTD Class 12. TROLLEY

A2024/01112 - Essity Hygiene and Health Aktiebolag Class 24. SANITARY ARTICLES

A2024/01113 - Essity Hygiene and Health Aktiebolag Class 24. SANITARY ARTICLES

A2024/01110 - Essity Hygiene and Health Aktiebolag Class 24. SANITARY ARTICLES

A2024/01114 - vVardis AG Class 09. PACKAGING

. - APPLIED ON 2024/10/29 -

A2024/01118 - BYD COMPANY LIMITED Class 12. CAR

. - APPLIED ON 2024/10/30 -

A2024/01123 - Jorge Gouveia FERREIRA, Paulo Miguel Pereira LOPES, Ricardo Jose Pereira LOPES Class 7.
A SERVING PADDLE

A2024/01119 - Kane Paving (Pty) Ltd Class 25. BLOCK

A2024/01126 - Jorge Gouveia FERREIRA, Paulo Miguel Pereira LOPES, Ricardo Jose Pereira LOPES Class 7.
A SERVING PADDLE

A2024/01128 - Jorge Gouveia FERREIRA, Paulo Miguel Pereira LOPES, Ricardo Jose Pereira LOPES Class 7.
A SERVING PADDLE

F2024/01120 - Kane Paving (Pty) Ltd Class 25. BLOCK

A2024/01127 - Jorge Gouveia FERREIRA, Paulo Miguel Pereira LOPES, Ricardo Jose Pereira LOPES Class 21.
A SERVING PADDLE

A2024/01121 - INTERIOR CONCEPTS CC Class 07. COVER CAP- FACE BRACKET FOR BLINDS

A2024/01125 - Jorge Gouveia FERREIRA, Paulo Miguel Pereira LOPES, Ricardo Jose Pereira LOPES Class 21.
A SERVING PADDLE

A2024/01130 - Jorge Gouveia FERREIRA, Paulo Miguel Pereira LOPES, Ricardo Jose Pereira LOPES Class 21.
A SERVING PADDLE

A2024/01122 - BYD COMPANY LIMITED Class 12. AUTOMOBILE

A2024/01124 - Jorge Gouveia FERREIRA, Paulo Miguel Pereira LOPES, Ricardo Jose Pereira LOPES Class 7.
A SERVING PADDLE

A2024/01129 - Jorge Gouveia FERREIRA, Paulo Miguel Pereira LOPES, Ricardo Jose Pereira LOPES Class 21.
A SERVING PADDLE

. - APPLIED ON 2024/11/01 -

A2024/01131 - Marjorie Cillie Class 05. FRENCH QUILT WITH BRODERIE ANGLAISE RECTANGULAR
NAPKIN

. - APPLIED ON 2024/11/04 -

A2024/01132 - Brandon Class 32. USER-INTERFACE

. - APPLIED ON 2024/11/05 -

A2024/01137 - Wang Chong Class 6. OFFICE CABINETS

A2024/01135 - Thea Gladwin Class 28. HAIR CLIP WITH SIDE BINDING

A2024/01138 - Wang Chong Class 6. OFFICE CABINETS

A2024/01134 - FLAMAGAS, S.A. Class 07. GAS LIGHTER

A2024/01136 - FLAMAGAS, S.A. Class 07. GAS LIGHTER

A2024/01133 - FLAMAGAS, S.A. Class 07. GAS LIGHTER

. - APPLIED ON 2024/11/06 -

A2024/01140 - COMMERCIAL AUTO COMPONENTS SA (PTY) LTD Class 12. A STYLING BAR

A2024/01139 - COMMERCIAL AUTO COMPONENTS SA (PTY) LTD Class 12. A NUDGE BAR

. - APPLIED ON 2024/11/07 -

F2024/01143 - MAURER, Petula Meredith Class 11. ROUND

F2024/01141 - DALE HOLDINGS (PTY) LTD Class 13. JUNCTION BOXES

A2024/01142 - MAURER, Petula Meredith Class 11. ROUND

. - APPLIED ON 2024/11/08 -

A2024/01144 - Mac-Tier Ltd Class 16. NIGHT-VISION SYSTEMS

A2024/01145 - Mac-Tier Ltd Class 16. NIGHT-VISION SYSTEMS

. - APPLIED ON 2024/11/11 -

F2024/01149 - K2 MEDICAL (PTY) LIMITED Class 24. MEDICAL INSTRUMENT

F2024/01147 - K2 MEDICAL (PTY) LIMITED Class 24. MEDICAL INSTRUMENT

F2024/01146 - STRUCTURE CENTER (PTY) LTD Class 13. MOUNTING BRACKET

F2024/01150 - K2 MEDICAL (PTY) LIMITED Class 24. MEDICAL INSTRUMENT

F2024/01148 - K2 MEDICAL (PTY) LIMITED Class 24. MEDICAL INSTRUMENT

. - APPLIED ON 2024/11/12 -

A2024/01152 - McCain Foods Limited Class 1. CONFECTIONERY ITEMS

A2024/01151 - CIPLA LIMITED Class 24. OSCILLOMETER

. - APPLIED ON 2024/11/14 -

F2024/01153 - ILLUMINA, INC. Class 24. CARTRIDGE

F2024/01155 - TEQAL (PTY) LTD Class 09. ROLL-ON CONTAINER

A2024/01154 - TEQAL (PTY) LTD Class 09. ROLL-ON CONTAINER

. - APPLIED ON 2024/11/15 -

A2024/01156 - CONSITEX, S.A. Class 2. SHOE DECORATIONS

A2024/01157 - Chery Automobile Co., Ltd. Class 12. AUTOMOBILES

F2024/01159 - COMFEYE CONCEPTS (PTY) LTD Class 12. TELESCOPIC SUN VISOR

F2024/01158 - COMFEYE CONCEPTS (PTY) LTD Class 12. SUN VISOR EXTENDER

. - APPLIED ON 2024/11/18 -

A2024/01166 - Miracle Meal USA LLC Class 07. PRE-FILLED CUPS

A2024/01165 - kagiso mashigo Class 16. CAMERA DESIGN CONCEPT 1

A2024/01164 - OMEGA SA (OMEGA AG) (OMEGA LTD.) Class 10. WRISTWATCH

A2024/01160 - Jorge Gouveia FERREIRA, Paulo Miguel Pereira LOPES, Ricardo Jose Pereira LOPES Class 7.
A SERVING PADDLE

A2024/01161 - Jorge Gouveia FERREIRA, Paulo Miguel Pereira LOPES, Ricardo Jose Pereira LOPES Class 21.
A SERVING PADDLE

A2024/01167 - Kagiso mashigo Class 16. CAMERA DESIGN CONCEPT2

A2024/01163 - OMEGA SA (OMEGA AG) (OMEGA LTD.) Class 10. WRISTWATCH

A2024/01162 - OMEGA SA (OMEGA AG) (OMEGA LTD.) Class 10. WRISTWATCH

. - APPLIED ON 2024/11/19 -

F2024/01168 - Kagiso Mashigo Class 10. VIBRATING CAR KEY

A2024/01170 - Terra Trak Technologies International (Proprietary) Limited Class 12. AN INSERT FOR A RUN FLAT TYRE

F2024/01169 - Kagiso Mashigo Class 10. JUST-BLUETOOTH

F2024/01171 - Terra Trak Technologies International (Proprietary) Limited Class 12. AN INSERT FOR A RUN FLAT TYRE

. - APPLIED ON 2024/11/20 -

A2024/01175 - ILLUMINA, INC. Class 24. SEQUENCING INSTRUMENT

A2024/01173 - SODASTREAM INDUSTRIES LTD. Class 07. WATER FILTER JUGS

A2024/01172 - SODASTREAM INDUSTRIES LTD. Class 07. WATER FILTER JUGS

A2024/01174 - ILLUMINA, INC. Class 24. SEQUENCING INSTRUMENT

. - APPLIED ON 2024/11/21 -

A2024/01177 - POLYOAK PACKAGING (PTY) LTD Class 09. A BOTTLE

F2024/01184 - B. BRAUN MELSUNGEN AG Class 24. MEDICAL SYRINGE

A2024/01181 - SUITABILITY TAILORED SUITS (PTY) LTD. Class 2. ARTICLES OF CLOTHING

F2024/01183 - B. BRAUN MELSUNGEN AG Class 24. MEDICAL SYRINGE

A2024/01179 - HUBBLE ENERGY (PTY) LTD Class 13. ENCLOSURE FOR EQUIPMENT FOR PRODUCTION, DISTRIBUTION OR TRANSFORMATION OF ELECTRICITY

F2024/01178 - POLYOAK PACKAGING (PTY) LTD Class 09. A BOTTLE

A2024/01180 - SUITABILITY TAILORED SUITS (PTY) LTD. Class 32. SURFACE PATTERNS

A2024/01182 - BYD COMPANY LIMITED Class 12. CAR

A2024/01176 - VAN DER MERWE, Adre Class 28. MASSAGE DEVICE

. - APPLIED ON 2024/11/22 -

A2024/01193 - MIDESK GLOBAL (PTY) LTD Class 6. SETS OF FURNITURE

A2024/01191 - SNGLS HOLDING & MANAGEMENT OÜ Class 7. CARAFE

A2024/01192 - MIDESK GLOBAL (PTY) LTD Class 3. TRAVELLING BAGS

A2024/01188 - SNGLS HOLDING & MANAGEMENT OÜ Class 7. CARAFE

F2024/01187 - LOMBARD, Quinton Class 14. PROJECTION APPARATUS

A2024/01190 - SNGLS HOLDING & MANAGEMENT OÜ Class 7. CARAFE

A2024/01185 - BLIND SCREEN LIMITED Class 25. BLIND SYSTEM FOR WINDOW AND/OR DOOR

A2024/01186 - LOMBARD, Quinton Class 14. PROJECTION APPARATUS

A2024/01189 - SNGLS HOLDING & MANAGEMENT OÜ Class 7. CARAFE

APPLICATION FOR THE RESTORATION OF A LAPSED DESIGN UNDER SECTION 23 OF THE ACT

Notice is hereby given that **Magdalena Henrietta Elizabetha Pieters 145 Loskop Street, Newlands, Pretoria East, 0031, South Africa** has made application for the restoration of the design registered to the said **Magdalena Henrietta Elizabetha Pieters** for the Design **EDUCATIONAL AIDS (CURRICULUM 3D)**

application number: **F2018/01277** date **17/08/2018** which become void on **17/08/2021** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

Notice is hereby given that **Magdalena Henrietta Elizabetha Pieters 145 Loskop Street, Newlands, Pretoria East, 0031, South Africa** has made application for the restoration of the design registered to the said **Magdalena Henrietta Elizabetha Pieters** for the Design **PUZZLES IN PERSPEX** application number: **A2019/00649** date **13/05/2019** which become void on **13/05/2022** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

Notice is hereby given that **SIBIYA, Sifiso Alfred 533 Sweep Street, Die Wilgers, Pretoria, 0184, South Africa** has made application for the restoration of the design registered to the said **SIBIYA, Sifiso Alfred** for the Design **SET OF MOUNTS** application number: **A2020/00477** date **04/05/2020** which become void on **13/05/2023** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

Notice is hereby given that **SIBIYA, Sifiso Alfred 533 Sweep Street, Die Wilgers, Pretoria, 0184, South Africa** has made application for the restoration of the design registered to the said **SIBIYA, Sifiso Alfred** for the Design **SET OF MOUNTS** application number: **F2020/00450** date **04/05/2020** which become void on **04/05/2023** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

Notice is hereby given that **SIBIYA, Sifiso Alfred 533 Sweep Street, Die Wilgers, Pretoria, 0184, South Africa** has made application for the restoration of the design registered to the said **SIBIYA, Sifiso Alfred** for the Design **SET OF MOUNTS** application number: **A2020/00482** date **04/05/2020** which become void on **04/05/2023** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

Notice is hereby given that **SIBIYA, Sifiso Alfred 533 Sweep Street, Die Wilgers, Pretoria, 0184, South Africa** has made application for the restoration of the design registered to the said **SIBIYA, Sifiso Alfred** for the Design **SET OF MOUNTS** application number: **F2020/00468** date **04/05/2020** which become void on **04/05/2023** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

Notice is hereby given that **SIBIYA, Sifiso Alfred 533 Sweep Street, Die Wilgers, Pretoria, 0184, South Africa** has made application for the restoration of the design registered to the said **SIBIYA, Sifiso Alfred** for the Design **SET OF MOUNTS** application number: **F2020/00484** date **04/05/2020** which become void on **04/05/2023** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

Notice is hereby given that **SIBIYA, Sifiso Alfred 533 Sweep Street, Die Wilgers, Pretoria, 0184, South Africa** has made application for the restoration of the design registered to the said **SIBIYA, Sifiso Alfred** for the Design **SET OF MOUNTS** application number: **F2020/00467** date **04/05/2020** which become void on **04/05/2023** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

APPLICATION TO CORRECT AND/OR AMEND DESIGNS APPLICATION OR REGISTRATION

No records available

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.

The numerical references denote the following: **(21)** Number of application. **(22)** Date of lodgment. **(23)** release date (if applicable). **(43)** 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 (43) is either Date of lodgment (22) or Date of convention of application (32) whichever

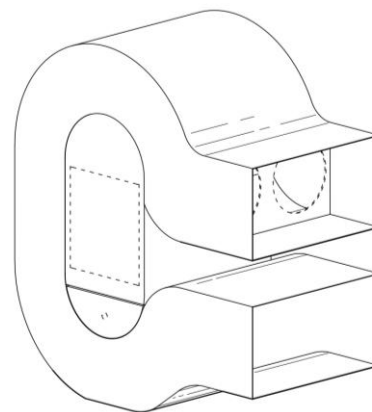
Registrar of Designs

21: A2020/01428 22: 2020-11-05 23:
43: 2022-03-31
52: Class 32 24: Part A
71: ROSSOUW, DANIEL JACOBUS
54: ICE PACKAGING ARRANGEMENT
57: The features of the design for which novelty is claimed are graphic symbols and/or logos and/or surface patterns and/or ornamentation of an ice packaging arrangement as shown in the accompanying pictures.



21: A2021/00513 22: 2021-05-17 23:
43: 1900-01-01

52: Class 23 24: Part A
71: STONE ARCH CREATIONS CC
54: HEATER
57: The features of the design for which novelty is claimed are the shape and / or configuration of a HEATER as shown in the accompanying representations, irrespective of the features shown in broken lines.



SECOND PERSPECTIVE VIEW

21: A2022/00078 22: 2022-01-28 23:
43: 2021-07-29
52: Class 31 24: Part A
71: Anheuser-Busch InBev S.A.
33: EM(BE) 31: 008635668-0001 32: 2021-07-29
54: DISPENSERS
57: The design relates to a beer dispenser. In particular, the design relates to a beer dispenser for receiving a keg inside a body portion and dispensing beer from a tap on the front surface of the body. The body portion includes stylised features including

rounded edges and contours as well as surface relief features on either side. A tray is located on the front of the body portion.

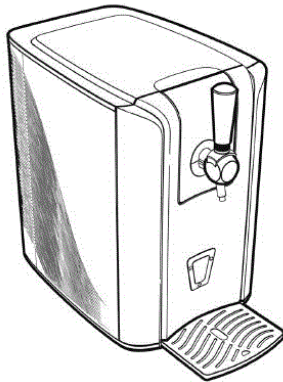


Figure 1
Three-dimensional view

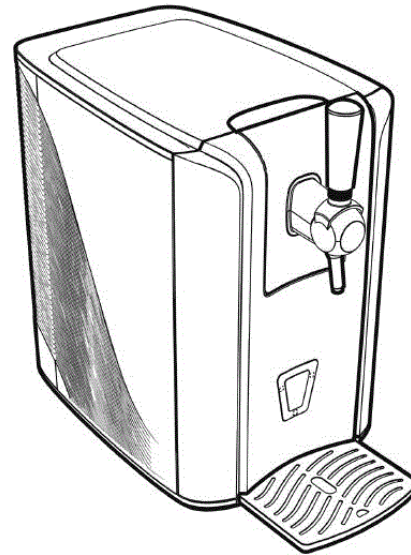


Figure 1
Three-dimensional view

21: A2022/00079 22: 2022-01-28 23:
43: 2021-07-29
52: Class 31 24: Part A
71: Anheuser-Busch InBev S.A.
33: EM(BE) 31: 008635668-0002 32: 2021-07-29

54: DISPENSERS

57: The design relates to a beer dispenser. In particular, the design relates to a beer dispenser for receiving a keg inside a body portion and dispensing beer from a tap on the front surface of the body. The body portion includes stylised features including rounded edges and contours as well as surface relief features on either side. A tray is located on the front of the body portion.

21: A2022/00080 22: 2022-01-28 23:
43: 2021-07-29
52: Class 31 24: Part A
71: Anheuser-Busch InBev S.A.
33: EM(BE) 31: 008635668-0003 32: 2021-07-29

54: TAPS FOR DISPENSERS

57: The design relates to a tap for a beer dispenser. In particular, the design relates to a tap with a connecting portion for connection to a beer dispenser. The connecting portion includes a stylised profile and the tap portion includes a front panel part from which a tap protrudes. The tap includes a shaped handle and spout portion.

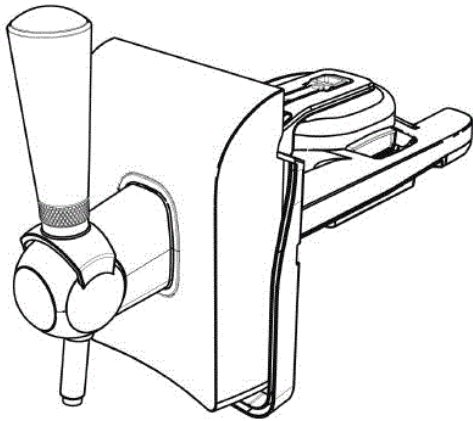


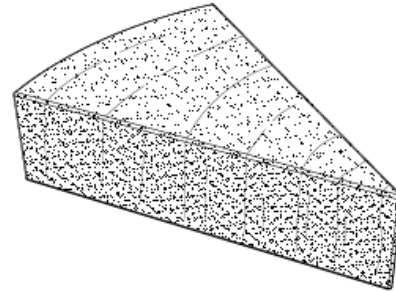
Figure 1

Three-dimensional view

21: A2022/00255 22: 2022-03-11 23:
43: 2022-05-18
52: Class 23 24: Part A
71: FIRE STARTER ZA (PTY) LTD

54: A FIRELIGHTER

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 FIRELIGHTER obtained from an Agave sisalana plant as shown in the accompanying representations.



FIRST PERSPECTIVE VIEW

21: A2022/00081 22: 2022-01-28 23:
43: 2021-07-29
52: Class 31 24: Part A
71: Anheuser-Busch InBev S.A.
33: EM(BE) 31: 008635668-0004 32: 2021-07-29

54: TAPS FOR DISPENSERS

57: The design relates to a tap for a beer dispenser. In particular, the design relates to a tap with a connecting portion for connection to a beer dispenser. The connecting portion includes a stylised profile and the tap portion includes a front panel part from which a tap protrudes. The tap includes a shaped handle and spout portion.

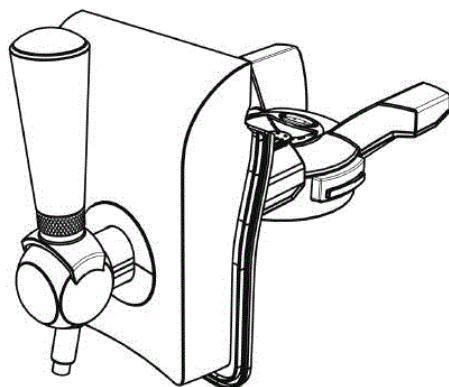


Figure 1

Three-dimensional view

21: A2022/00366 22: 2022-04-07 23:
43: 2022-10-19
52: Class 11 24: Part A
71: STRYDOM, LOUIS

54: FLAG

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 FLAG as shown in the accompanying representations.

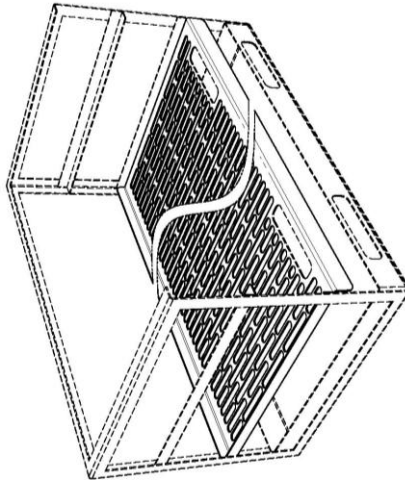


FRONT VIEW OF THE ARTICLE

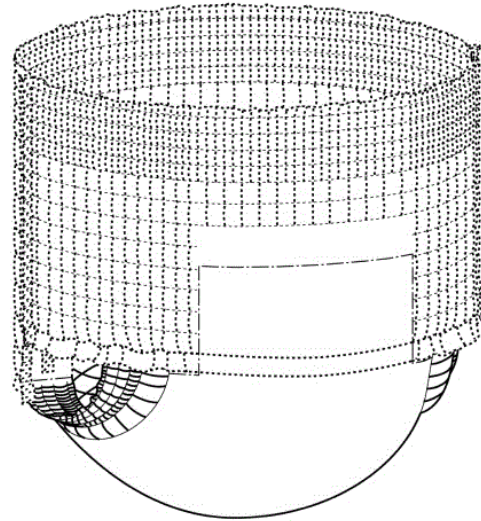
21: A2022/00973 22: 2022-08-22 23: 2022-03-01
43: 2023-06-01
52: Class 07 24: Part A
71: Albertus, Kyle Graham

54: GRID

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 GRID as shown in the accompanying representations, irrespective of the features shown in broken lines.



ENVIRONMENTAL VIEW
OF ARTICLE IN USE



PERSPECTIVE VIEW

21: A2022/01258 22: 2022-10-11 23:
43: 2024-09-04
52: Class 2 24: Part A
71: DAIO PAPER CORPORATION
33: JP 31: 2022-009293 32: 2022-04-28

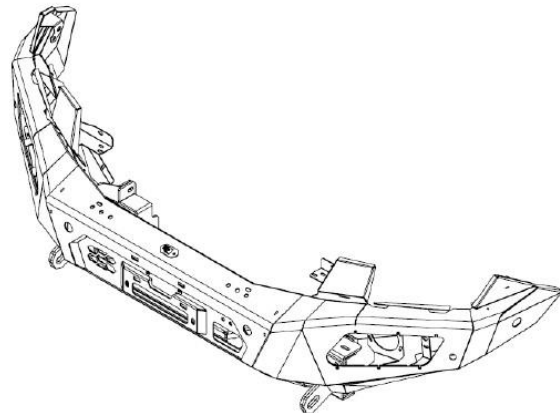
54: DISPOSABLE DIAPER

57: The design is to be applied to an elasticized waistband portion of a disposable diaper. The features for which protection is claimed are those of shape and/or configuration and/or pattern, substantially as shown in the representations. The broken lines are for illustrative purposes only and form no part of the claimed design.

21: A2022/01348 22: 2022-10-26 23:
43: 2023-09-17
52: Class 12 24: Part A
71: CHUSILP GROUP TRADING CO., LTD.
33: TH 31: 2202003330 32: 2022-08-18

54: FRONT BUMPER

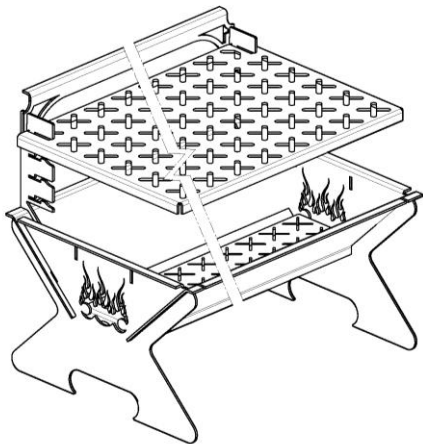
57: The features for which protection is claimed reside in the shape and/or configuration of a FRONT BUMPER substantially as shown in the accompanying representations, irrespective of the text and shown in the accompanying representations.



FRONT PERSPECTIVE VIEW

21: A2022/01363 22: 2022-10-28 23:
43: 2023-05-12
52: Class 07 24: Part A
71: FIRE PUZZLE (PTY) LTD
54: FIREPLACE

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a FIREPLACE as shown in the accompanying representations, irrespective of the features shown in broken lines.

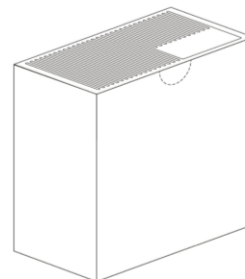


PERSPECTIVE VIEW

21: A2023/00019 22: 2023-01-05 23:
43: 2024-10-15
52: Class 09 24: Part A
71: Joint Stock Company "BIOCAD"
33: RU 31: 2022502918 32: 2022-07-08

54: PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS

57: The claimed packaging container is made of cardboard and is a vertically oriented parallelepiped having a folded structure assembled from a flat layout by folding along the fold lines, and comprising closing trapezoidal joints. The claimed packaging container consists of a front side, back side, two lateral sides and upper and lower joints. The lateral sides are configured to open and close thanks to trapezoidal tuck flaps, the upper joint is intended to be closed, and the lower one is intended to be glued. The surface of the upper and lower closing joints, include a pattern of equally spaced convex elements, which forms a visual impression, as well as tactile sensations to the consumer.

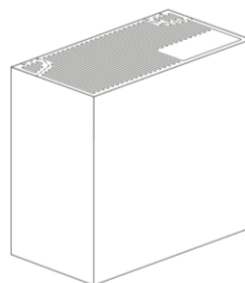


THREE-DIMENSIONAL VIEW FROM ABOVE, OF THE PACKAGING CONTAINER IN AN ASSEMBLED STATE

21: A2023/00020 22: 2023-01-05 23:
43: 2024-10-15
52: Class 09 24: Part A
71: Joint Stock Company "BIOCAD"
33: RU 31: 2022502918 32: 2022-07-08

54: PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS

57: The claimed packaging container is made of cardboard and is a vertically oriented parallelepiped having a folded structure assembled from a flat layout by folding along the fold lines, and comprising closing trapezoidal joints. The claimed packaging container consists of a front side, back side, two lateral sides and upper and lower joints. The lateral sides are configured to open and close thanks to trapezoidal tuck flaps, the upper joint is intended to be closed, and the lower one is intended to be glued. The surface of the upper and lower closing joints, include a pattern of equally spaced convex elements, which forms a visual impression, as well as tactile sensations to the consumer. The upper and lower closing joints also include perforation zones.

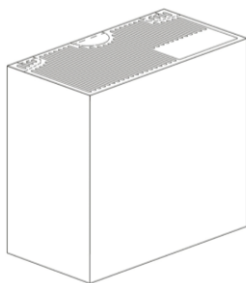


THREE-DIMENSIONAL VIEW FROM ABOVE, OF THE PACKAGING CONTAINER IN AN ASSEMBLED STATE

21: A2023/00021 22: 2023-01-05 23:
43: 2024-10-15
52: Class 09 24: Part A
71: Joint Stock Company "BIOCAD"
33: RU 31: 2022502918 32: 2022-07-08

54: PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS

57: The claimed packaging container is made of cardboard and is a vertically oriented parallelepiped having a folded structure assembled from a flat layout by folding along the fold lines, and comprising closing trapezoidal joints. The claimed packaging container consists of a front side, back side, two lateral sides and upper and lower joints. The lateral sides are configured to open and close thanks to trapezoidal tuck flaps. The surface of the upper and lower closing joints, include a pattern of equally spaced convex elements, the upper and lower closing joints also include perforation zones allowing the joint to be opened by the finger.

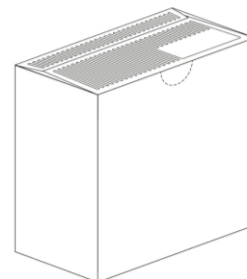


THREE-DIMENSIONAL VIEW FROM ABOVE, OF THE PACKAGING CONTAINER IN AN ASSEMBLED STATE

21: A2023/00022 22: 2023-01-05 23: 43: 2024-10-15
 52: Class 09 24: Part A
 71: Joint Stock Company "BIOCAD"
 33: RU 31: 2022502918 32: 2022-07-08

54: PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS

57: The claimed packaging container is made of cardboard and is a vertically oriented parallelepiped having a folded structure assembled from a flat layout by folding along the fold lines, and comprising closing trapezoidal joints. The claimed packaging container consists of a front side, back side, two sides and top and bottom halves on upper and lower joints. The lateral sides are configured to open and close thanks to trapezoidal tuck flaps. The surface of the upper and lower closing joints, include a pattern of equally spaced parallel convex elements in the direction from left to right.

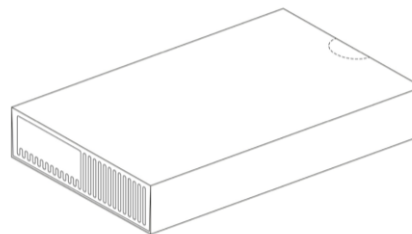


THREE-DIMENSIONAL VIEW FROM ABOVE, OF THE PACKAGING CONTAINER IN AN ASSEMBLED STATE

21: A2023/00023 22: 2023-01-05 23: 43: 2024-10-15
 52: Class 09 24: Part A
 71: Joint Stock Company "BIOCAD"
 33: RU 31: 2022502919 32: 2022-07-08

54: PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS

57: The claimed packaging container is made of cardboard and is a horizontally oriented parallelepiped having a folded structure assembled from a flat layout by folding along the fold lines, and comprising closing trapezoidal joints. The claimed packaging container consists of a front side, back side, two lateral sides and end joints. The lateral sides are configured to open and close thanks to the trapezoidal tuck flaps. The surface of the end joints, include a pattern of equally spaced convex elements, which forms a visual impression, as well as tactile sensation to the consumer.



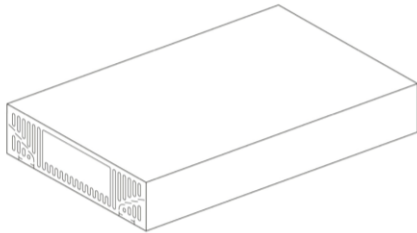
THREE-DIMENSIONAL VIEW FROM ONE END OF THE PACKAGING CONTAINER IN AN ASSEMBLED STATE

21: A2023/00024 22: 2023-01-05 23: 43: 2024-10-15
 52: Class 09 24: Part A
 71: Joint Stock Company "BIOCAD"
 33: RU 31: 2022502919 32: 2022-07-08

54: PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS

57: The claimed packaging container is made of cardboard and is a horizontally oriented parallelepiped having a folded structure assembled from a flat layout by folding along the fold lines, and comprising closing trapezoidal joints. The claimed packaging container consists of a front side, back

side, two lateral sides and two end joints. The lateral sides are configured to open and close thanks to the trapezoidal tuck flaps. The surface of the end joints, include a pattern of equally spaced convex elements, which forms a visual impression, as well as tactile sensation to the consumer. The end joints also include perforation zones.

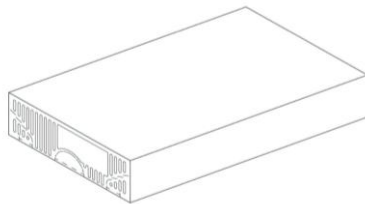


THREE-DIMENSIONAL VIEW FROM ONE END OF THE PACKAGING CONTAINER IN AN ASSEMBLED STATE

21: A2023/00025 22: 2023-01-05 23:
43: 2024-10-15
52: Class 09 24: Part A
71: Joint Stock Company "BIOCAD"
33: RU 31: 2022502919 32: 2022-07-08

54: PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS

57: The claimed packaging container is made of cardboard and is a horizontally oriented parallelepiped having a folded structure assembled from a flat layout by folding along the fold lines, and comprising closing trapezoidal joints. The claimed packaging container consists of a front side, back side, two lateral sides and two end joints. The lateral sides are configured to open and close thanks to the trapezoidal tuck flaps. The surface of the end joints, include a pattern of equally spaced convex elements, which forms a visual impression, as well as tactile sensation to the consumer. The end joints also include perforation zones.

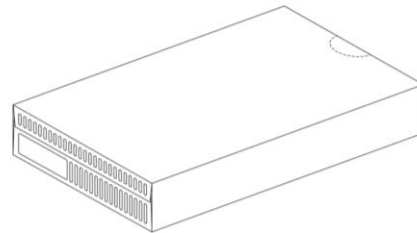


THREE-DIMENSIONAL VIEW FROM ONE END OF THE PACKAGING CONTAINER IN AN ASSEMBLED STATE

21: A2023/00026 22: 2023-01-05 23:
43: 2024-10-15
52: Class 09 24: Part A
71: Joint Stock Company "BIOCAD"
33: RU 31: 2022502919 32: 2022-07-08

54: PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS

57: The claimed packaging container is made of cardboard and is a horizontally oriented parallelepiped having a folded structure assembled from a flat layout by folding along the fold lines, and comprising closing trapezoidal joints. The claimed packaging container consists of a front side, back side, two lateral sides and two end joints. The lateral sides are configured to open and close thanks to the trapezoidal tuck flaps. The end joints each include top and bottom sections. The surface of the end joints, include a pattern of equally spaced parallel convex elements in the direction from left to right, which forms a visual impression, as well as tactile sensation to the consumer.

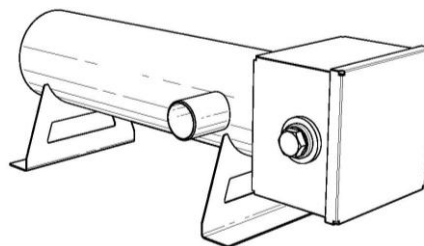


THREE-DIMENSIONAL VIEW FROM ONE END OF THE PACKAGING CONTAINER IN AN ASSEMBLED STATE

21: A2023/00432 22: 2023-04-06 23:
43: 2023-06-29
52: Class 23 24: Part A
71: GOLDER, DANIEL DEREK

54: WATER HEATER

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 WATER HEATER as shown in the accompanying representations, irrespective of the features shown in broken lines.



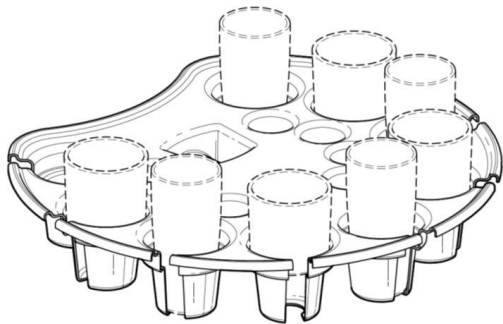
FRONT PERSPECTIVE VIEW

21: A2023/00439 22: 2023-04-11 23: 2023-01-01
43: 2023-06-29
52: Class 07 24: Part A
71: PIJO PLASTICS (PTY) LTD

54: TRAY FOR HOUSEHOLD GOODS

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 TRAY FOR HOUSEHOLD GOODS as shown in the accompanying representations, irrespective of the features shown in broken lines.



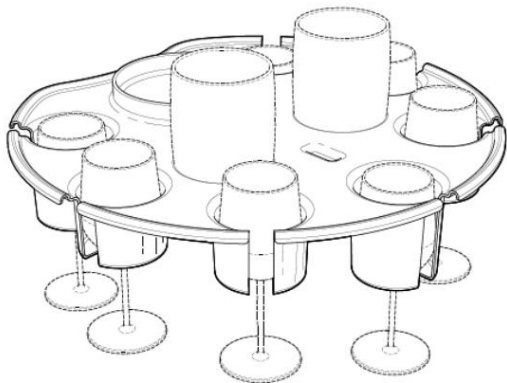
PERSPECTIVE VIEW
OF TRAY IN USE

21: A2023/00443 22: 2023-04-11 23: 2023-01-01
43: 2023-11-15

52: Class 07 24: Part A
71: PIJO PLASTICS (PTY) LTD

54: TRAY FOR HOUSEHOLD GOODS

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 TRAY FOR HOUSEHOLD GOODS as shown in the accompanying representations, irrespective of the features shown in broken lines.



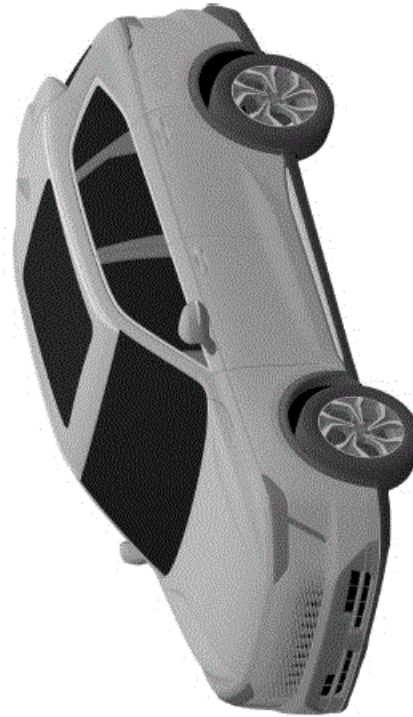
PERSPECTIVE VIEW
OF TRAY IN USE

21: A2023/00689 22: 2023-06-12 23:
43: 2024-09-04

52: Class 12 24: Part A
71: GREAT WALL MOTOR COMPANY LIMITED
33: CN 31: 202230836389.9 32: 2022-12-14

54: AUTOMOBILE

57: The design is to be applied to an automobile. The features for which protection is claimed are those of shape and/or configuration and/or ornamentation, substantially as shown in the representations.



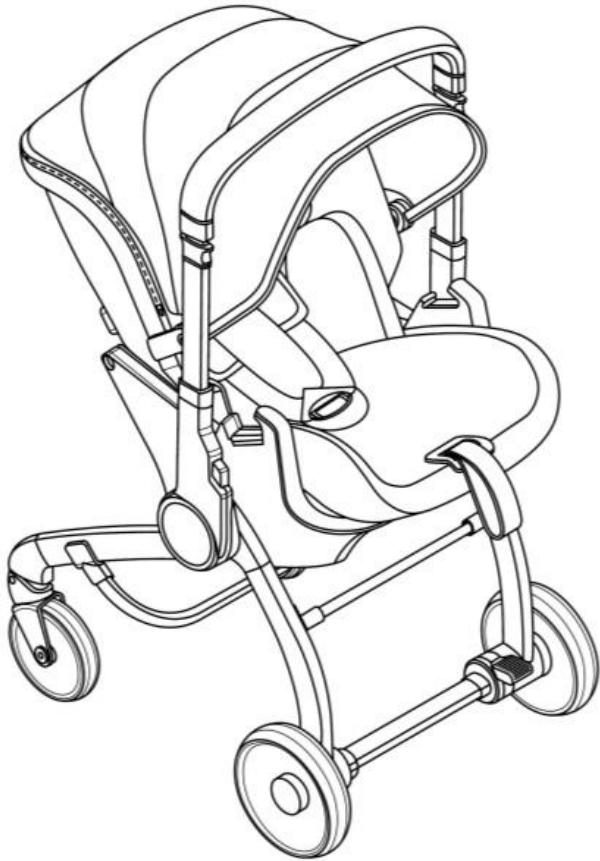
FRONT PERSPECTIVE VIEW

21: A2023/00763 22: 2023-07-07 23:
43: 2024-10-15

52: Class 06 24: Part A
71: DOONA HOLDINGS LTD.
33: IL 31: 70066 32: 2023-01-09

54: INFANT SAFETY CAR SEAT WITH WHEELS

57: The design is applied to an infant safety car seat with wheels. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern and/or ornamentation of the infant safety car seat with wheels, substantially as illustrated in the accompanying representations.



21: A2023/00954 22: 2023-08-31 23:
43: 2024-03-11
52: Class 07 24: Part A
71: GRADUS-SAMSON, Kyle

54: TABLEWARE

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a TABLEWARE as shown in the accompanying representations, irrespective of the features shown in broken lines.



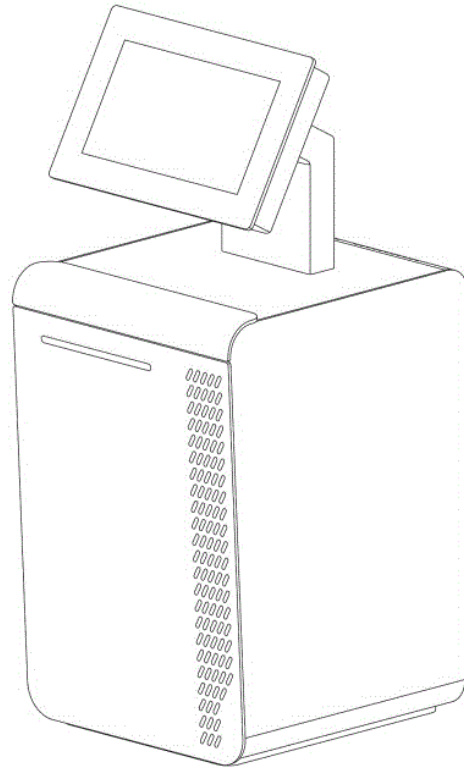
PERSPECTIVE VIEW

21: A2023/00982 22: 2023-09-08 23:
43: 2024-09-04
52: Class 14 24: Part A
71: SITA B.V.

33: EU 31: 015014113-0001 32: 2023-03-10

54: COMPUTER PRINTER

57: The design is to be applied to a computer printer. The features for which protection is claimed are those of shape and/or configuration and/or pattern and/or ornamentation, substantially as shown in the representations.



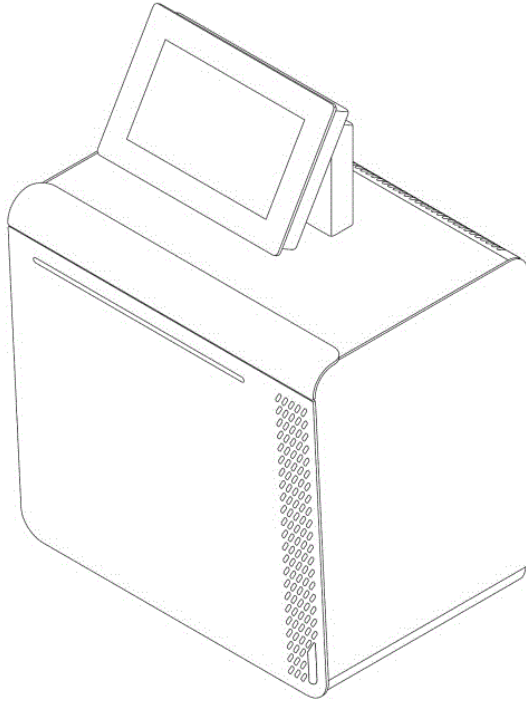
FIRST PERSPECTIVE VIEW

21: A2023/00983 22: 2023-09-08 23:
43: 2024-09-04
52: Class 14 24: Part A
71: SITA B.V.

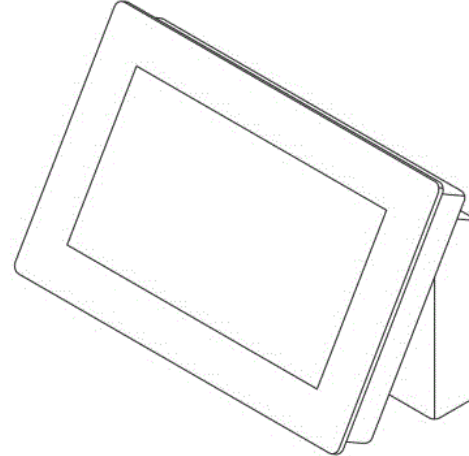
33: EU 31: 015014113-0002 32: 2023-03-10

54: COMPUTER PRINTER

57: The design is to be applied to a computer printer. The features for which protection is claimed are those of shape and/or configuration and/or pattern and/or ornamentation, substantially as shown in the representations.



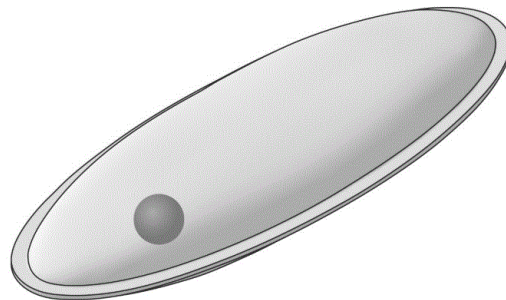
FIRST PERSPECTIVE VIEW



FIRST PERSPECTIVE VIEW

21: A2023/00984 22: 2023-09-08 23:
43: 2024-09-04
52: Class 14 24: Part A
71: SITA B.V.
33: EU 31: 015014113-0003 32: 2023-03-10
54: MONITOR FOR COMPUTER PRINTER
57: The design is to be applied to a monitor for computer printer. The features for which protection is claimed are those of shape and/or configuration and/or ornamentation, substantially as shown in the representations.

21: A2023/01166 22: 2023-10-27 23:
43: 2024-09-11
52: Class 27 24: Part A
71: PHILIP MORRIS PRODUCTS S.A.
33: EU 31: 015019891-0011 32: 2023-04-27
54: NICOTINE POUCH WITH INTERIOR CAPSULE
57: The design is to be applied to a nicotine pouch with interior capsule. The features for which protection is claimed are those of shape and/or configuration, substantially as shown in the representations. The shading in the design drawings are intended to show the contours of the designs only and are not intended to show ornamentation, colouration or surface finish.



PERSPECTIVE VIEW

21: A2023/01361 22: 2023-12-11 23:
43: 2023-06-16
52: Class 10 24: Part A
71: Turlen Holding SA
33: HSIRID(CH) 31: DM/229930 32: 2023-06-16
54: WATCHES

57: The design is for a watch. The watch has a case that has a front convex bezel and rear concave back. Each face has parallel top and bottom edges and convex side edges extending therebetween. A circular- crown that has a spiralling arrangement of angularly inclined grooves is fitted at a 3 o'clock position. Substantially triangular-shaped openings with rounded edges are defined on top of the crown. Irregular shaped pushers are located at a 2 and 4 o'clock position. Mechanical innards of the watch are displayed from rear and front windows. A semicircular plate that has a plurality of cornered edges is provided above the rear mechanical innards. Openings defined by radially spaced spokes extend from a central circular portion of the semicircular plate. Three sub-dials are provided in the front window, two of which are provided on the same side at the corners, and the other one located at the 9 o'clock position.

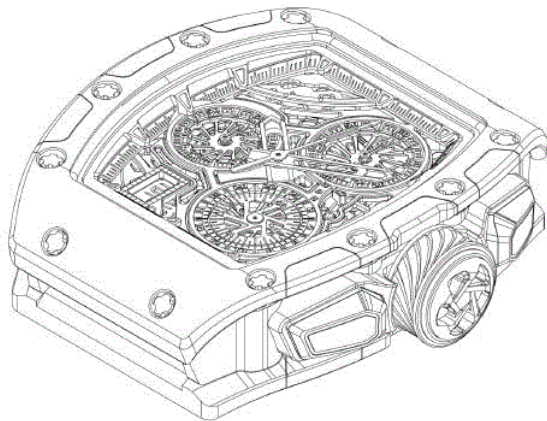


Figure 7
A first three-dimensional view

21: A2023/01460 22: 2023-12-20 23:
43: 2023-06-30
52: Class 2 24: Part A
71: Skechers U.S.A., Inc. II
33: US 31: 29/879,072 32: 2023-06-30

54: FOOTWEAR

57: The design is for a footwear. The footwear has an outsole. The outsole has two outer, irregular-shaped columns that are positioned proximate the outer edges of the outsole and a central, irregular-shaped column. Each column accommodates spaced apart circular-cylindrical lugs which protrude from the outsole.



Figure 1
Three-dimensional view

21: A2023/01461 22: 2023-12-21 23:
43: 2024-07-03
52: Class 10 24: Part A
71: ROOIBAARD PRODUKTE (PTY) LTD

54: VAPE SMOKING PIPE

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 VAPE SMOKING PIPE as shown in the accompanying representations, irrespective of the features shown in broken lines.



PERSPECTIVE VIEW

21: A2023/01463 22: 2023-12-21 23:
43: 2024-07-03
52: Class 10 24: Part A
71: ROOIBAARD PRODUKTE (PTY) LTD

54: VAPE SMOKING DEVICE

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 VAPE SMOKING DEVICE as shown in the accompanying

representations, irrespective of the features shown in broken lines.



FIRST PERSPECTIVE VIEW

21: A2023/01469 22: 2023-12-21 23:
43: 2023-06-26
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/895,744 32: 2023-06-26

54: RETAINER SLEEVES

57: The features of the design are illustrated in the overall appearance of the design. It is this overall appearance that is particular to the claimed design. This design relates to a retainer sleeve, which may be used for a ground engaging tool.

appearance that is particular to the claimed design. This design relates to a retainer sleeve, which may be used for a ground engaging tool.

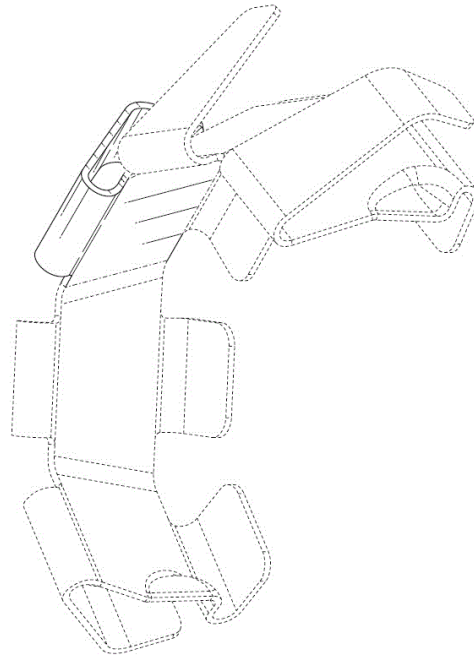


Figure 1
Three-dimensional view

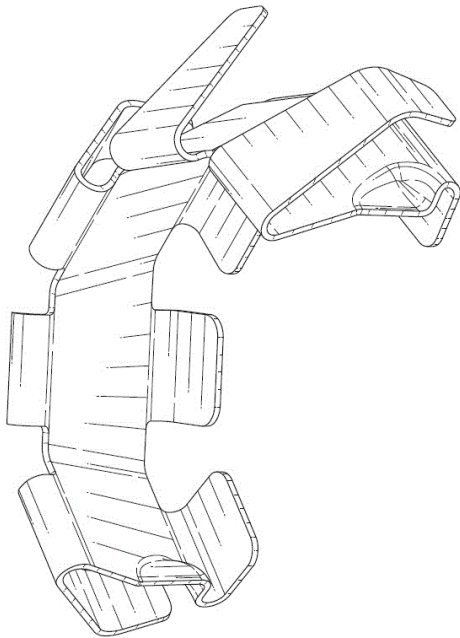


Figure 1
Three-dimensional view

21: A2023/01471 22: 2023-12-21 23:
43: 2023-06-26
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/895,753 32: 2023-06-26

54: RETAINER SLEEVES

57: The features of the design are illustrated in the overall appearance of the design. It is this overall appearance that is particular to the claimed design. This design relates to a retainer sleeve, which may be used for a ground engaging tool.

21: A2023/01470 22: 2023-12-21 23:
43: 2023-06-26
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/895,752 32: 2023-06-26

54: RETAINER SLEEVES

57: The features of the design are illustrated in the overall appearance of the design. It is this overall

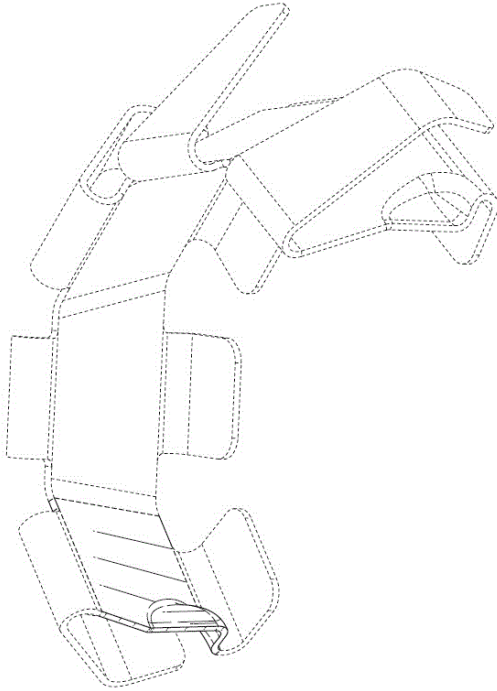


Figure 1
Three-dimensional view

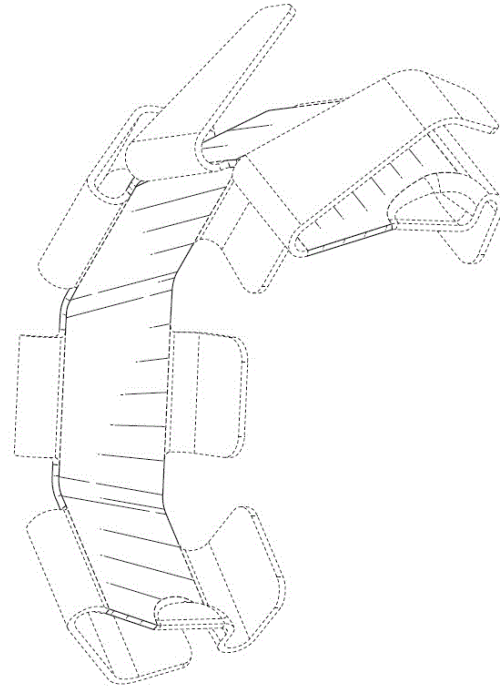


Figure 1
Three-dimensional view

21: A2023/01472 22: 2023-12-21 23:
43: 2023-06-26
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/895,744 32: 2023-06-26

54: RETAINER SLEEVES

57: The features of the design are illustrated in the overall appearance of the design. It is this overall appearance that is particular to the claimed design. This design relates to a retainer sleeve, which may be used for a ground engaging tool.

21: A2023/01473 22: 2023-12-21 23:
43: 2023-06-26
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/895,744 32: 2023-06-26

54: RETAINER SLEEVES

57: The features of the design are illustrated in the overall appearance of the design. It is this overall appearance that is particular to the claimed design. This design relates to a retainer sleeve, which may be used for a ground engaging tool.

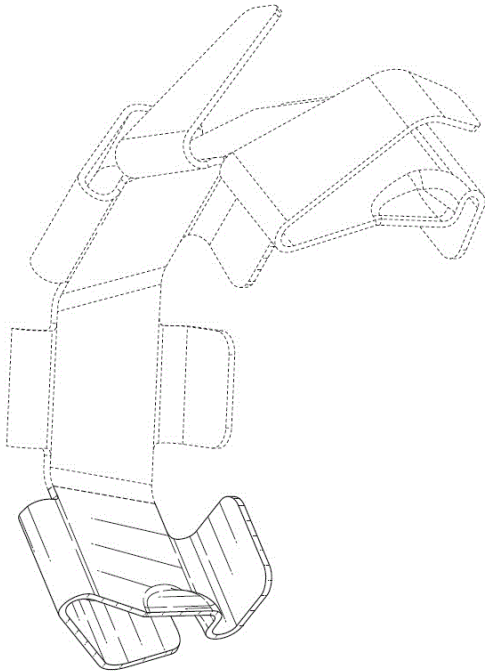


Figure 1
Three-dimensional view



Figure 1
Three-dimensional view

21: A2023/01474 22: 2023-12-20 23:
43: 2023-06-30
52: Class 2 24: Part A
71: Skechers U.S.A., Inc. II
33: US 31: 29/879,072 32: 2023-06-30

54: FOOTWEAR

57: The design is for a footwear. The footwear has an outsole. The outsole has a lug-shaped outer edge. A wiggly central portion in a shape of a hourglass is provided on the outsole. A pattern of a plurality of ellipse-shaped, diamond-shaped, and box-shaped ornate formations are provided between the central portion and edges of the outsole. A pattern of rectangular-shaped/wedge-cut formations is provided proximate an outer edge of the outsole at a front raised portion thereof. An arch-shaped pattern comprising rectangular-shaped/wedge-cut formations on the sides and triangular formations at the top is provided at a raised rear portion of the outsole. An array of diamond-shaped formations is surrounded by the arch-shaped pattern along with ellipse-shaped formations provided at the bottom of the diamond-shaped formations.

21: A2024/00063 22: 2024-01-19 23:
43: 2024-08-13
52: Class 09 24: Part A
71: BOWLER PLASTICS (PTY) LTD

54: CAP

57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration and/or ornamentation of the CAP substantially as illustrated in the accompanying representations. Features shown in broken lines do not form part of the design and are disclaimed.

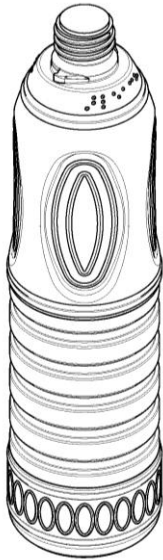


FIRST PERSPECTIVE VIEW

21: A2024/00065 22: 2024-01-19 23:
43: 2024-08-13
52: Class 09 24: Part A
71: BOWLER PLASTICS (PTY) LTD

54: BOTTLE

57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration and/or ornamentation of the BOTTLE substantially as illustrated in the accompanying representations.

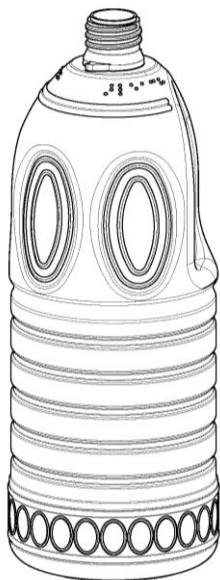


FIRST PERSPECTIVE VIEW

21: A2024/00067 22: 2024-01-19 23:
43: 2024-08-13
52: Class 09 24: Part A
71: BOWLER PLASTICS (PTY) LTD

54: BOTTLE

57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration and/or ornamentation of the BOTTLE substantially as illustrated in the accompanying representations.



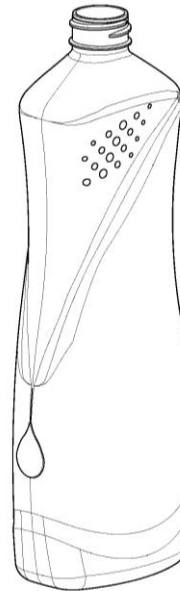
FIRST PERSPECTIVE VIEW

21: A2024/00069 22: 2024-01-19 23:

43: 2024-08-13
52: Class 09 24: Part A
71: BOWLER PLASTICS (PTY) LTD

54: BOTTLE

57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration and/or ornamentation of the BOTTLE substantially as illustrated in the accompanying representations.

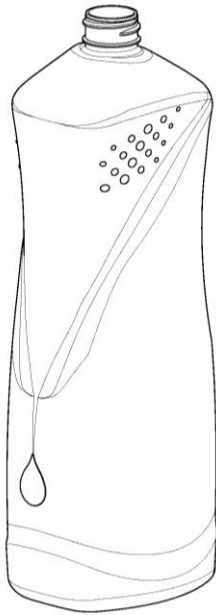


FRONT PERSPECTIVE VIEW

21: A2024/00071 22: 2024-01-19 23:
43: 2024-08-13
52: Class 09 24: Part A
71: BOWLER PLASTICS (PTY) LTD

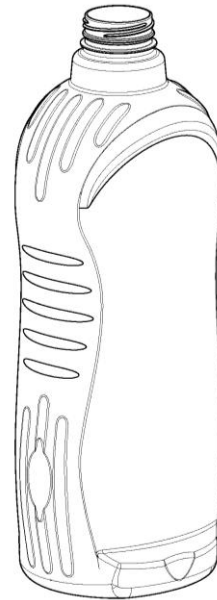
54: BOTTLE

57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration and/or ornamentation of the BOTTLE substantially as illustrated in the accompanying representations.



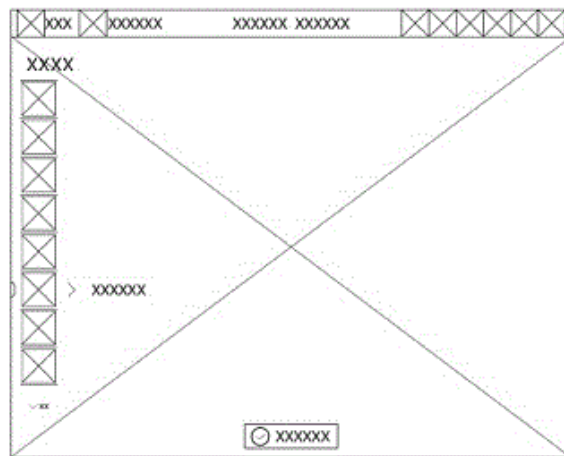
FIRST PERSPECTIVE VIEW

21: A2024/00073 22: 2024-01-19 23:
43: 2024-08-13
52: Class 09 24: Part A
71: BOWLER PLASTICS (PTY) LTD
54: BOTTLE
57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration and/or ornamentation of the BOTTLE substantially as illustrated in the accompanying representations.



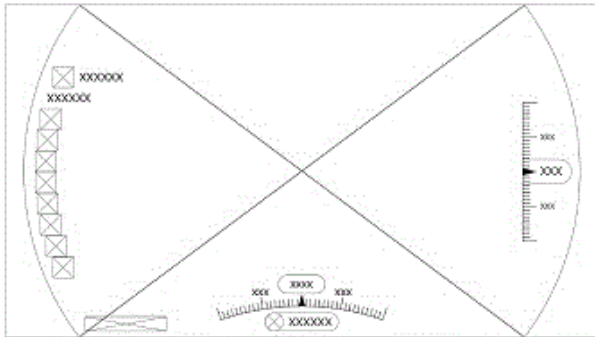
FIRST PERSPECTIVE VIEW

21: A2024/00127 22: 2024-02-01 23:
43: 2024-09-04
52: Class 14. 24: Part A
71: HANGZHOU MICROIMAGE SOFTWARE CO., LTD.
33: CN 31: 202330485454.2 32: 2023-08-01
54: Graphical User Interface for Image Capturing and Capturing Parameter Setting
57: The design relates to a graphical user interface for image capturing and capturing parameter setting. The features of the design are those of configuration and/or ornamentation.



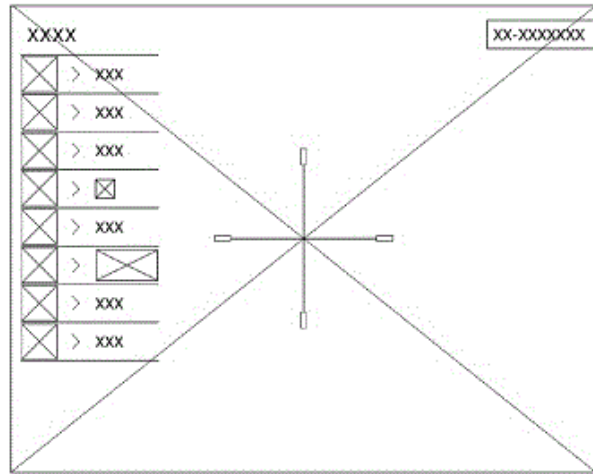
LAYOUT VIEW

21: A2024/00128 22: 2024-02-01 23:
 43: 2024-09-04
 52: Class 14. 24: Part A
 71: HANGZHOU MICROIMAGE SOFTWARE CO., LTD.
 33: CN 31: 202330485464.6 32: 2023-08-01
54: Graphical User Interface for Image Capturing and Capturing Parameter Setting
 57: The design relates to a graphical user interface for image capturing and capturing parameter setting. The features of the design are those of configuration and/or ornamentation.



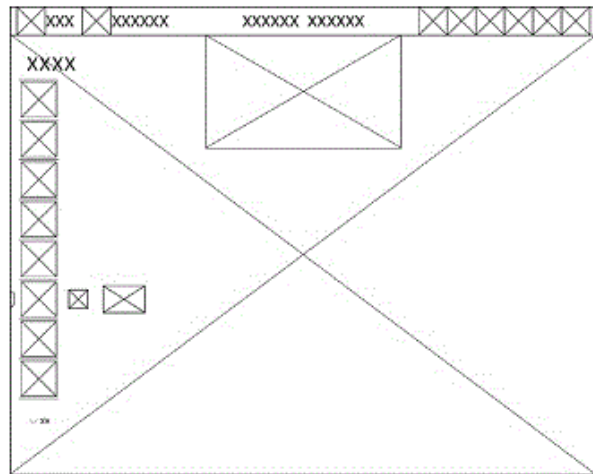
LAYOUT VIEW

21: A2024/00129 22: 2024-02-01 23:
 43: 2024-09-04
 52: Class 14. 24: Part A
 71: HANGZHOU MICROIMAGE SOFTWARE CO., LTD.
 33: CN 31: 202330485454.2 32: 2023-08-01
54: Graphical User Interface for Image Capturing and Capturing Parameter Setting
 57: The design relates to a graphical user interface for image capturing and capturing parameter setting. The features of the design are those of configuration and/or ornamentation.



LAYOUT VIEW

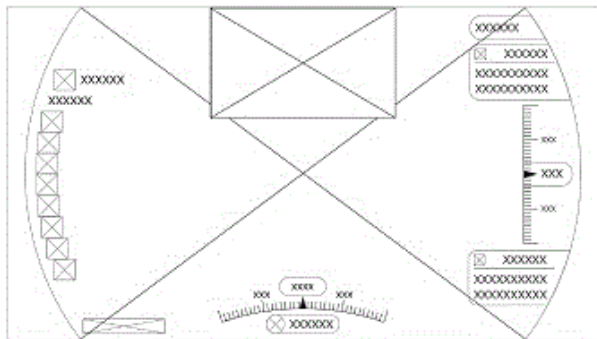
21: A2024/00130 22: 2024-02-01 23:
 43: 2024-09-04
 52: Class 14. 24: Part A
 71: HANGZHOU MICROIMAGE SOFTWARE CO., LTD.
 33: CN 31: 202330485454.2 32: 2023-08-01
54: Graphical User Interface for Image Capturing and Capturing Parameter Setting
 57: The design relates to a graphical user interface for image capturing and capturing parameter setting. The features of the design are those of configuration and/or ornamentation.



LAYOUT VIEW

21: A2024/00131 22: 2024-02-01 23:

43: 2024-09-04
 52: Class 14. 24: Part A
 71: HANGZHOU MICROIMAGE SOFTWARE CO., LTD.
 33: CN 31: 202330485464.6 32: 2023-08-01
54: Graphical User Interface for Image Capturing and Capturing Parameter Setting
 57: The design relates to a graphical user interface for image capturing and capturing parameter setting. The features of the design are those of configuration and/or ornamentation.



LAYOUT VIEW

52: Class 14. 24: Part A
 71: HANGZHOU MICROIMAGE SOFTWARE CO., LTD.
 33: CN 31: 202330485464.6 32: 2023-08-01
54: Graphical User Interface for Image Capturing and Capturing Parameter Setting
 57: The design relates to a graphical user interface for image capturing and capturing parameter setting. The features of the design are those of configuration and/or ornamentation.



LAYOUT VIEW

21: A2024/00132 22: 2024-02-01 23:
 43: 2024-09-04
 52: Class 14. 24: Part A
 71: HANGZHOU MICROIMAGE SOFTWARE CO., LTD.
 33: CN 31: 202330485464.6 32: 2023-08-01
54: Graphical User Interface for Image Capturing and Capturing Parameter Setting
 57: The design relates to a graphical user interface for image capturing and capturing parameter setting. The features of the design are those of configuration and/or ornamentation.



LAYOUT VIEW

21: A2024/00134 22: 2024-02-01 23:
 43: 2024-09-04
 52: Class 14. 24: Part A
 71: HANGZHOU MICROIMAGE SOFTWARE CO., LTD.
 33: CN 31: 202330485464.6 32: 2023-08-01
54: Graphical User Interface for Image Capturing and Capturing Parameter Setting
 57: The design relates to a graphical user interface for image capturing and capturing parameter setting. The features of the design are those of configuration and/or ornamentation.



LAYOUT VIEW

21: A2024/00133 22: 2024-02-01 23:
 43: 2024-09-04

21: A2024/00153 22: 2024-02-02 23:

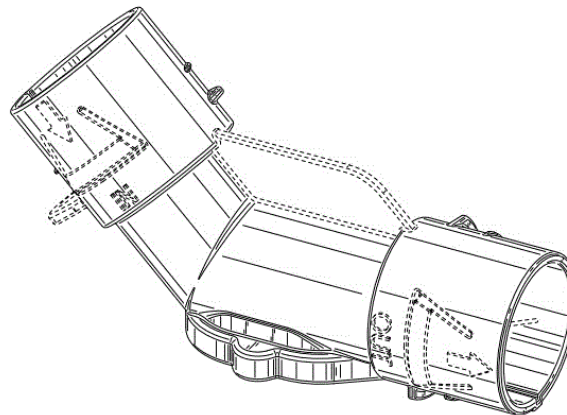
43: 2023-08-04
 52: Class 2 24: Part A
 71: Crocs, Inc.
 33: US 31: 29/909,458 32: 2023-08-04

54: FOOTWEAR

57: The present design consists of a shoe characterized by a slip-on-type construction consisting of an upper and a sole. The top area of the upper includes several holes and a groove that surrounds the holes. The foot opening of the upper includes a pronounced lip around its perimeter. The sole includes an upper height with a small dot pattern.



Figure 1
 Three-dimensional view



TOP FRONT PERSPECTIVE VIEW

21: A2024/00159 22: 2024-02-06 23:
 43: 2023-08-07
 52: Class 15 24: Part A
 71: Caterpillar Inc.
 33: US 31: 29/909,504 32: 2023-08-07

54: PISTON PUMPS

57: The features of the design are illustrated in the overall appearance of the design. It is this overall appearance that is particular to the claimed design. This design relates to a piston pump, which may be used as an implement pump for a wheel loader, or other construction machinery.

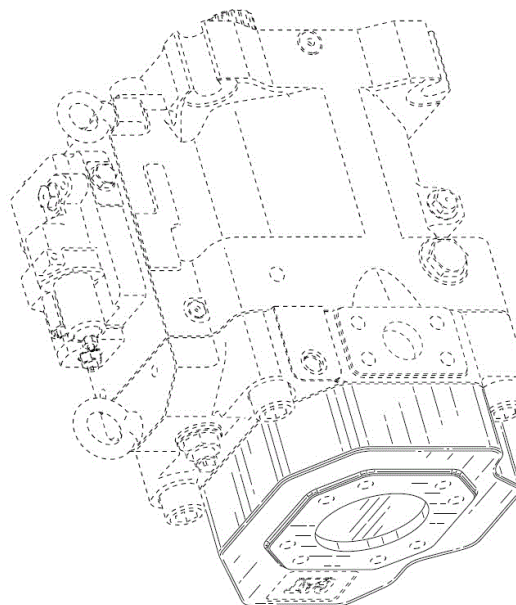


Figure 1
 First three-dimensional view

21: A2024/00155 22: 2024-02-05 23:
 43: 2024-09-04
 52: Class 10 24: Part A
 71: INTELLIGENT AGRICULTURAL SOLUTIONS LLC

33: US 31: 29/911403 32: 2023-09-01

54: FLOW SENSOR FOR A SOLID MATERIAL APPLICATOR

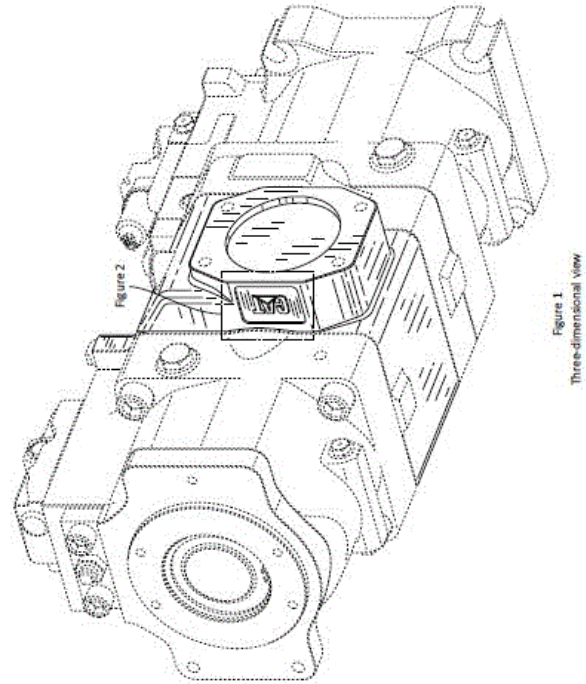
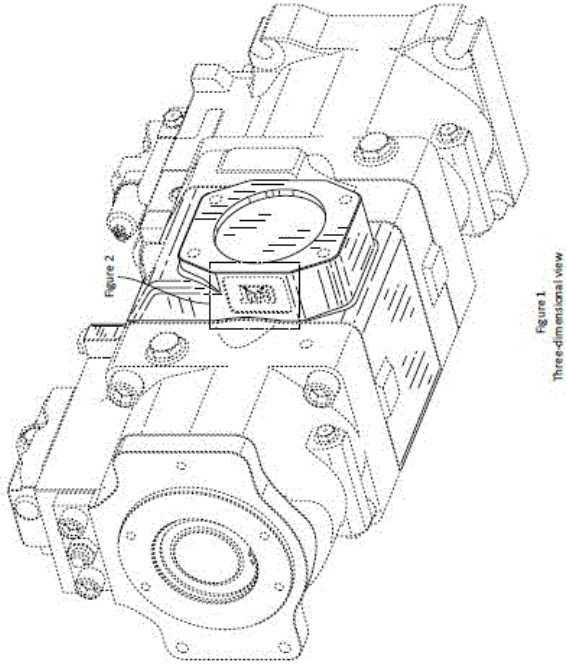
57: The design is to be applied to a flow sensor for a solid material applicator. The features for which protection is claimed are those of shape and/or configuration and/or pattern and/or ornamentation, substantially as shown in the representations. The broken lines are for illustrative purposes only and form no part of the claimed design.

21: A2024/00166 22: 2024-02-06 23:
 43: 2023-08-07
 52: Class 15 24: Part A
 71: Caterpillar Inc.

33: US 31: 29/909,511 32: 2023-08-07

54: PISTON PUMPS

57: The features of the design are illustrated in the overall appearance of the design. It is this overall appearance that is particular to the claimed design. This design relates to a piston pump, which may be used as an implement pump for a wheel loader, or other construction machinery.



21: A2024/00168 22: 2024-02-06 23:
43: 2023-08-07
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/909,511 32: 2023-08-07

54: PISTON PUMPS

57: The features of the design are illustrated in the overall appearance of the design. It is this overall appearance that is particular to the claimed design. This design relates to a piston pump, which may be used as an implement pump for a wheel loader, or other construction machinery.

21: A2024/00169 22: 2024-02-06 23:
43: 2023-08-07
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/909,504 32: 2023-08-07

54: PISTON PUMPS

57: The features of the design are illustrated in the overall appearance of the design. It is this overall appearance that is particular to the claimed design. This design relates to a piston pump, which may be used as an implement pump for a wheel loader, or other construction machinery.

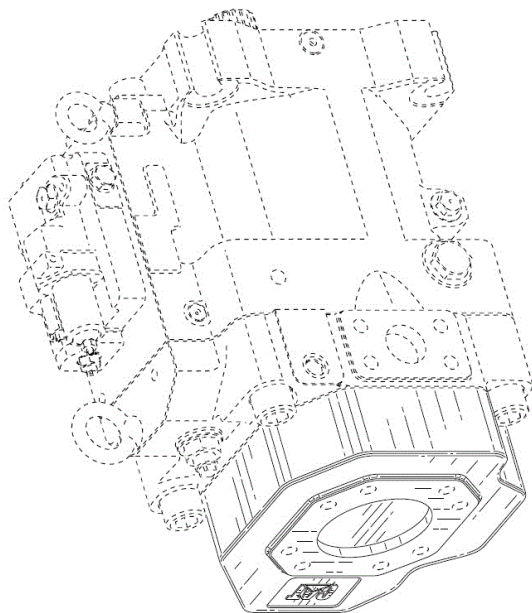


Figure 1
First three-dimensional view

21: A2024/00172 22: 2024-02-08 23:
43: 2023-08-09
52: Class 12 24: Part A
71: Isuzu Motors Limited
33: JP 31: 2023-016322 32: 2023-08-09

54: VEHICLES

57: The design is for a vehicle. The front has a large-sized meshed grille with two vertically spaced U-shaped strips provided at the top part of the grille. On both sides of the front face, there are provided fog lights at the centre as well as headlights at the top. Horizontally arranged door handles stand proud of the doors. A horizontal waistline that goes across the door handles extends along a top part of the sides of the vehicle and stretches along the sides of the rear of the vehicle. An elongate recess is formed at the bottom side of the doors. Laterally extending side steps are provided between the front and rear fenders. The rear has vertically arranged taillights on both sides. A recessed portion surrounded by an ellipse shaped trim line with cornered edges is provided at the bottom of the rear door.



Figure 1
Three-dimensional view

21: A2024/00175 22: 2024-02-09 23:
43: 2023-08-11
52: Class 28 24: Part A
71: KalVista Pharmaceuticals Limited
33: HSIRID(GB) 31: DM/231524 32: 2023-08-11
54: PHARMACEUTICAL TABLETS

57: The design is for a pharmaceutical tablet. The pharmaceutical tablet has a generally ellipse-shaped body having an ellipse-shaped domed front and rear faces and a continuous ellipse-shaped sidewall extending between the front and rear faces. The letter K is inscribed on the front face next to a centrally located indentation. Extending angularly from an end of the leg of the letter K is a long foot that, together with the arm and leg of the letter K, forms a U-shape. The number 300, in large block numbers, is inscribed on the rear face. The pharmaceutical tablet has a generally yellow colour.

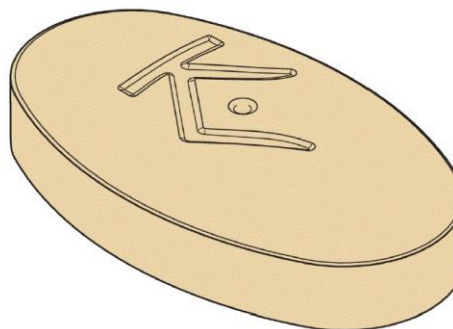


Figure 1
Three-dimensional view

21: A2024/00176 22: 2024-02-09 23:
43: 2023-08-11
52: Class 28 24: Part A
71: KalVista Pharmaceuticals Limited
33: HSIRID(GB) 31: DM/231524 32: 2023-08-11
54: PHARMACEUTICAL TABLETS

57: The design is for a pharmaceutical tablet. The pharmaceutical tablet has a generally ellipse-shaped body having an elongated ellipse-shaped front and rear faces and a continuous sidewall extending between the front and rear faces. The letter K is inscribed on the front face next to a centrally located indentation. Extending angularly from an end of the leg of the letter K is a long foot that, together with the arm and leg of the letter K, forms a U-shape.

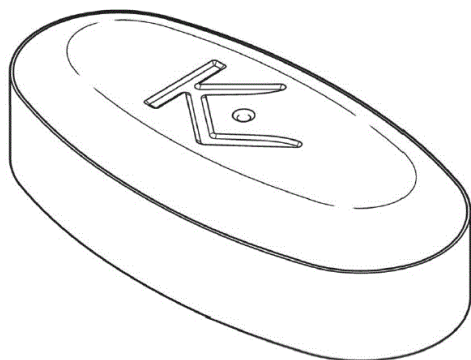


Figure 1

Three-dimensional view

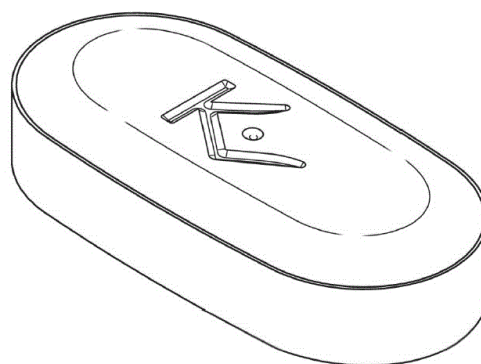


Figure 1

Three-dimensional view

21: A2024/00177 22: 2024-02-09 23:
43: 2023-08-11
52: Class 28 24: Part A
71: KalVista Pharmaceuticals Limited
33: HSIRID(GB) 31: DM/231524 32: 2023-08-11

54: PHARMACEUTICAL TABLETS

57: The design is for a pharmaceutical tablet. The pharmaceutical tablet has a generally obround-shaped body having a raised obround-shaped front and rear faces and a continuous obround-shaped sidewall extending between the front and rear faces. The letter K is inscribed on the front face next to a centrally located indentation. Extending angularly from an end of the leg of the letter K is a long foot that, together with the arm and leg of the letter K, forms a U-shape.

21: A2024/00178 22: 2024-02-09 23:
43: 2023-08-11
52: Class 28 24: Part A
71: KalVista Pharmaceuticals Limited
33: HSIRID(GB) 31: DM/231524 32: 2023-08-11

54: PHARMACEUTICAL TABLETS

57: The design is for a pharmaceutical tablet. The pharmaceutical tablet has a generally ellipse-shaped body having an ellipse-shaped domed front and rear faces and a continuous ellipse-shaped sidewall extending between the front and rear faces. The letter K is inscribed on the front face next to a centrally located indentation. Extends angularly from an end of the leg of the letter K is a long foot that, together with the arm and leg of the letter K, forms a U-shape.

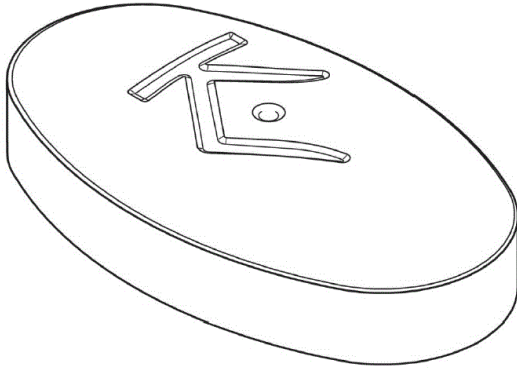


Figure 1

Three-dimensional view

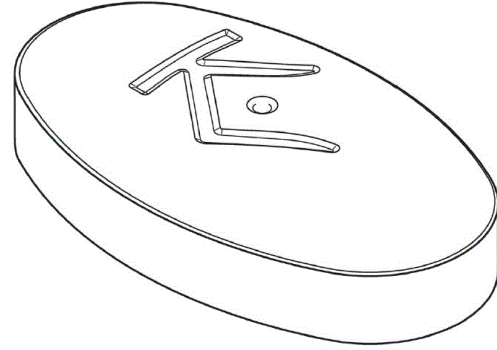


Figure 1

Three-dimensional view

21: A2024/00179 22: 2024-02-09 23:
43: 2023-08-11
52: Class 28 24: Part A
71: KalVista Pharmaceuticals Limited
33: HSIRID(GB) 31: DM/231524 32: 2023-08-11
54: PHARMACEUTICAL TABLETS

57: The design is for a pharmaceutical tablet. The pharmaceutical tablet has a generally ellipse-shaped body having an ellipse-shaped domed front and rear faces and a continuous ellipse-shaped sidewall extending between the front and rear faces. The letter K is inscribed on the front face next to a centrally located indentation. Extending angularly from an end of the leg of the letter K is a long foot that, together with the arm and leg of the letter K, forms a U-shape. The number 300, in large block numbers, is inscribed on the rear face.

21: A2024/00182 22: 2024-02-14 23:
43: 2023-08-15
52: Class 10 24: Part A
71: Turlen Holding SA
33: HSIRID(CH) 31: DM/231690 32: 2023-08-15
54: WATCHES

57: The design is for a mechanical watch. The watch has a case that has front convex bezel and rear concave back. Each face has parallel top and bottom edges and convex side edges extending therebetween. Side pillars extend between the bezel and the back. A large ornate circular crown is fitted at a three o'clock position. A raised rectangular pusher, that has angularly arranged arms extending from the corners, is located at a two o'clock position. Front and back windows are positioned over the front and back faces and reveal the mechanical movement of the watch. A dial is shown on the front face. Skeletonized hands are visible through the front window.

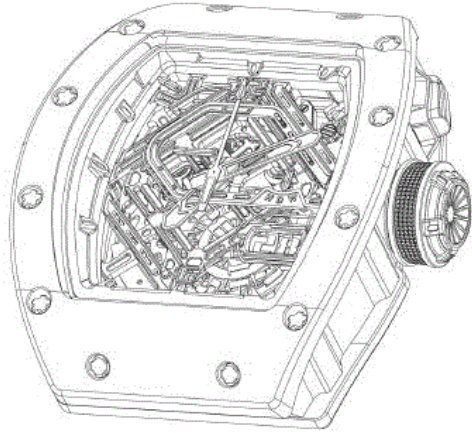


Figure 7

A first three-dimensional view

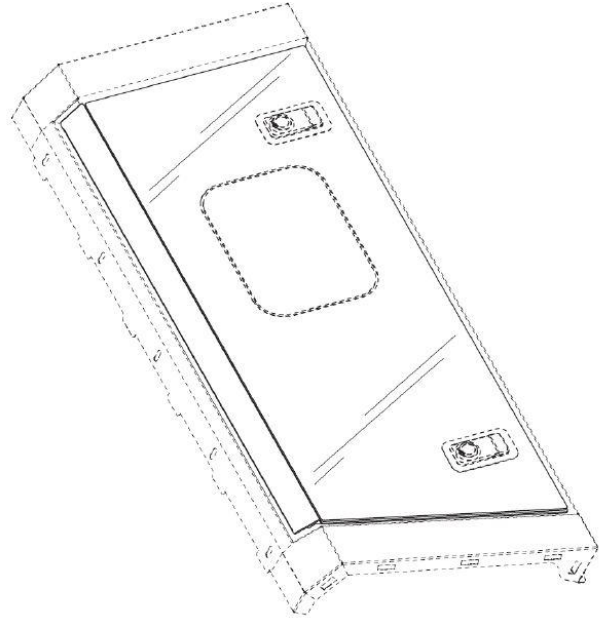


Figure 1

Illustrates a second perspective view of a second example embodiment of a DOOR FOR A SIDE PANEL according to the present disclosure

21: A2024/00185 22: 2024-02-16 23:
43: 2024-09-04
52: Class 12 24: Part A
71: RSI NORTH AMERICA, INC.
33: US 31: 29/900,154 32: 2023-08-17

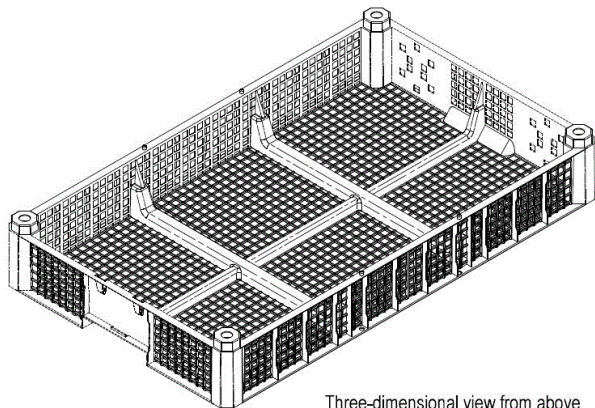
54: DOOR FOR A SIDE PANEL

57: The features of the design for which protection is claimed reside in the shape and/or configuration and/or pattern and/or ornamentation of a door for a side panel substantially as illustrated in the accompanying representations, irrespective of the features shown in broken lines.

21: A2024/00187 22: 2024-02-16 23:
43: 2024-02-16
52: Class 9 24: Part A
71: BOOSTAINER PROPRIETARY LIMITED

54: TRAYS

57: The design is applied to a tray substantially as shown in the accompanying representations. The tray is open-topped and has a rectangular shape when viewed in plan view. The tray has a rectangular foraminous base wall and a pair of spaced parallel side walls and a pair of spaced parallel end walls extending upwardly from the base wall. The base wall has two spaced parallel transverse ribs extending between the side walls and a third centrally located longitudinal rib extending perpendicularly with respect to the transverse ribs, between the end walls. The ribs define compartments for holding articles. Corner posts located at each of the corners of the tray have locating formations at upper ends thereof for location with complementary sockets of a similar tray stacked on top of the tray. Spaced locating pins are provided on the upper sides of the side walls for engagement with complementary sockets of a similar tray stacked on top of the tray.



Three-dimensional view from above

21: A2024/00192 22: 2024-02-16 23:
43: 2023-08-18
52: Class 12 24: Part A
71: Automobili Lamborghini S.p.A.
33: EM(IT) 31: 015031474-0001 32: 2023-08-18

54: VEHICLES

57: The design is for a vehicle, specifically a sports car. The vehicle bonnet has twin domes culminating in a peak at the centre. At the front is an omega-shaped design that frames the crash beam integrating the headlamps. A Y-shaped bezel bounds daytime running lights. The vehicle has a coupe roofline. The Y-design motif extends from the rear. It has angular wheel arches. At the rear is a large hexagonally shape centrepiece that houses rear light clusters. Rear lights are hexagonally shaped with three lights on each side.

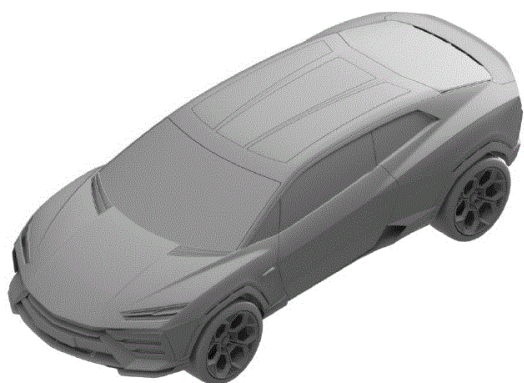


Figure 1

Three-dimensional view

21: A2024/00193 22: 2024-02-16 23:
43: 2023-08-18
52: Class 20 24: Part A

71: ICC Business Corporation FZ LLC
33: GB 31: 6304548 32: 2023-08-18

54: MASCOTS

57: The design is for a graphical illustration of a mascot. The mascot includes an outlined depiction of a humanoid body shape represented monochromatically with a head, long hair, glasses, a mouth, a left ear, two eyebrows, a neck, a torso, two arms, two hands, two legs and two shoes. The hair is in a ponytail and has four protrusions extending anteriorly and peripherally from the head. The body has wavy markings laterally on the left leg and the torso. The shoes have soles. The mouth is smiling. The lower arms are enclosed in padding. The left hand includes four digits. The waist has a horizontal belt with two balls attached thereto, the balls having three central dashed lines in parallel. The right hand is holding a ball having three central dashed lines in parallel and the ball is surrounded by a flame.



Figure 1

Face-on view

21: A2024/00194 22: 2024-02-16 23:
43: 2023-08-18
52: Class 20 24: Part A
71: ICC Business Corporation FZ LLC
33: GB 31: 6304549 32: 2023-08-18

54: MASCOTS

57: The design is for a graphical illustration of a mascot. The mascot includes an outlined depiction of a humanoid body shape represented monochromatically with a head, styled hair, glasses, a mouth, two eyebrows, two ears, a torso, two arms, two hands, two legs and two shoes. The hair is wavy and curves laterally and superiorly from the head. The outer thighs include have wavy markings. The shoes have soles. The mouth is smiling. The lower legs are enclosed in pads, with evenly spaced vertical striations and with four central and horizontal striations. Both hands include four digits. Both arms and hands are extended peripherally. The torso is covered by padding with evenly spaced vertical striations and with four central and horizontal striations. The right hand is holding a cricket bat superiorly positioned and a distal part of the cricket bat is surrounded by a flame.



Figure 1
Face-on view

21: A2024/00195 22: 2024-02-16 23:
43: 2023-08-18
52: Class 20 24: Part A
71: ICC Business Corporation FZ LLC

33: GB 31: 6304550 32: 2023-08-18

54: MASCOTS

57: The design is a graphical illustration of a mascot. The mascot includes a depiction of a humanoid represented with a head, long hair, glasses, a mouth, two eyebrows, two ears, a torso, two arms, two hands and two legs. The hair is red and wavy in a ponytail with an indigo band. The hair has two protrusions extending diagonally upwards and two protrusions extending vertically downwards. The torso and upper-arms are orange with a small diamond pattern. The legs and feet are red with a small diamond pattern and with orange flame-like patterns on the outside. Both hands include five digits. The lower-arms are enclosed in indigo padding with #CWC23 in orange on the outside. The torso has red flame-like markings anterolaterally with red markings anterosuperiorly. There is a waistbelt with six balls attached, each ball having three central dashed-lines in parallel and a stylized circular device on each side.



Figure 2
Three-dimensional view

21: A2024/00196 22: 2024-02-16 23:
43: 2023-08-18
52: Class 20 24: Part A
71: ICC Business Corporation FZ LLC
33: GB 31: 6304551 32: 2023-08-18
54: MASCOTS

57: The design is for a graphical illustration of a mascot. The mascot includes a depiction of a humanoid body shape represented with a head, styled hair, glasses, a mouth, two eyebrows, two ears, a torso, two arms, two hands, two legs and two shoes. The skin tone of the body is light blue. The hair is dark blue and curving superiorly and laterally to the left. The torso is covered by dark blue padding with evenly spaced vertical striations and with a central horizontal band with peripherally spaced apart light blue figures. The outer thighs include dark blue flame like markings. The lower legs are enclosed in purple pads with evenly spaced vertical striations. Both pads include a central and horizontal light blue band with peripherally spaced dark blue figures. Both hands include five digits. The shoes are light blue.



Figure 2

Three-dimensional view

52: Class 21 24: Part A
 71: Automobili Lamborghini S.p.A.
 33: EM(IT) 31: 015031474-0001 32: 2023-08-18

54: MODEL VEHICLES

57: The design is for a model vehicle, specifically a sports car. The vehicle bonnet has twin domes culminating in a peak at the centre. At the front is an omega-shaped design that frames the crash beam integrating the headlamps. A Y-shaped bezel bounds daytime running lights. The vehicle has a coupe roofline. The Y-design motif extends from the rear. It has angular wheel arches. At the rear is a large hexagonally shape centrepiece that houses rear light clusters. Rear lights are hexagonally shaped with three lights on each side.



Figure 1

Three-dimensional view

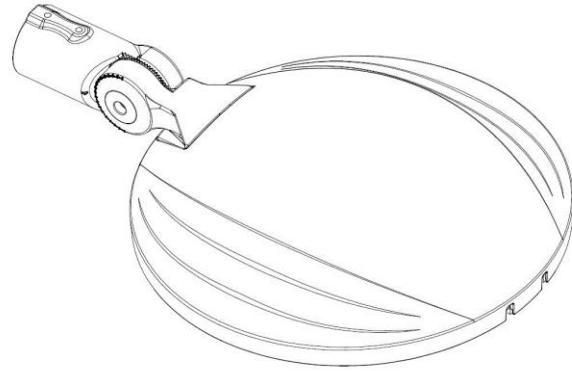
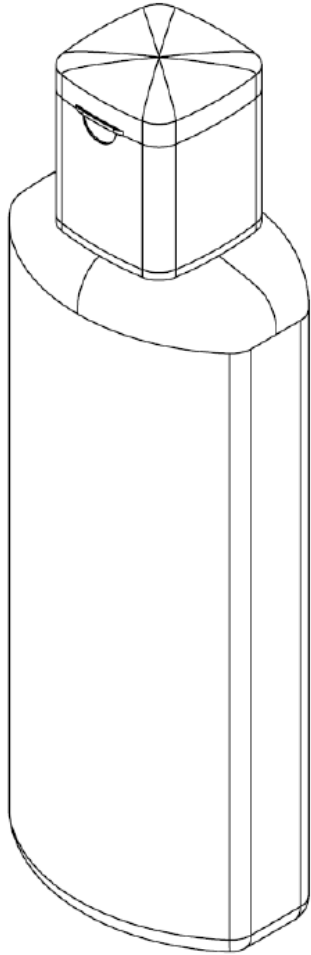
21: A2024/00199 22: 2024-02-19 23:
 43: 2024-09-11

52: Class 09 24: Part A
 71: AF BRANDS (PTY) LTD

54: A SET OF ARTICLES FORMING A BOTTLE

57: The design relates to a set of articles forming a bottle. The features of the design are those of pattern and/or shape and/or configuration and/or ornamentation.

21: A2024/00197 22: 2024-02-16 23:
 43: 2023-08-18

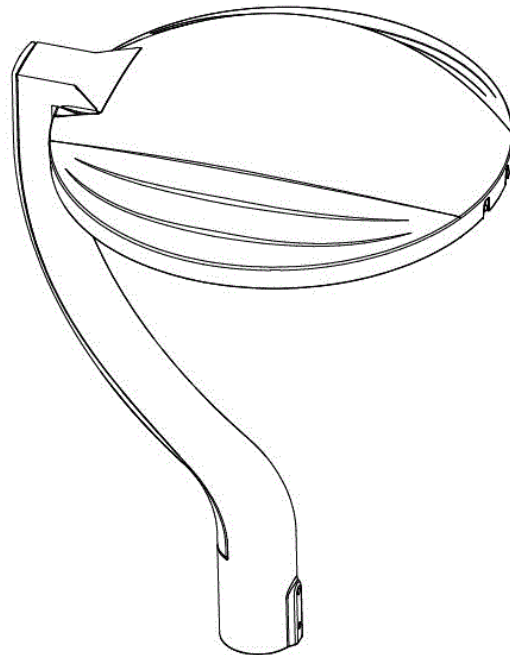


Three-dimensional view from top

21: A2024/00203 22: 2024-02-20 23:
43: 2023-09-19
52: Class 26 24: Not Applicable
71: SCHRÉDER S.A.
33: EM(BE) 31: 015034602-0002 32: 2023-09-19

54: A LIGHTING APPARATUS

57: The design is applied to a lighting apparatus. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of a lighting apparatus, substantially as illustrated in the accompanying representations.



Three-dimensional view from top

21: A2024/00202 22: 2024-02-20 23:
43: 2023-09-19
52: Class 26 24: Not Applicable
71: SCHRÉDER S.A.
33: EM(BE) 31: 015034602-0001 32: 2023-09-19

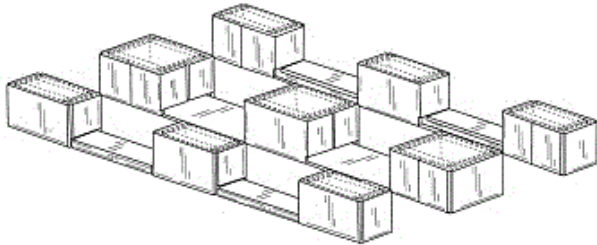
54: A LIGHTING APPARATUS

57: The design is applied to a lighting apparatus. The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of a lighting apparatus, substantially as illustrated in the accompanying representations.

21: A2024/00204 22: 2024-02-20 23:
 43: 2024-09-11
 52: Class 9. 24: Part A
 71: GREEN OX PALLET TECHNOLOGY, LLC
 33: US 31: 29/910,822 32: 2023-08-24

54: Foldably Constructed Pallet Bottom

57: The design relates to a foldably constructed pallet bottom. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



PERSPECTIVE VIEW

21: A2024/00205 22: 2024-02-20 23:
 43: 2024-09-04
 52: Class 10. 24: Part A
 71: BLANCPAIN SA
 33: IB 31: 136898 32: 2023-08-21
 33: IB 31: 136975 32: 2023-08-23

54: Watch

57: The design relates to a watch. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



FRONT VIEW

21: A2024/00206 22: 2024-02-20 23:

43: 2024-09-04
 52: Class 10. 24: Part A
 71: BLANCPAIN SA
 33: IB 31: 136898 32: 2023-08-21
 33: IB 31: 136975 32: 2023-08-23

54: Watch

57: The design relates to a watch. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



FRONT VIEW

21: A2024/00207 22: 2024-02-20 23:
 43: 2024-09-04
 52: Class 10. 24: Part A
 71: BLANCPAIN SA
 33: IB 31: 136898 32: 2023-08-21
 33: IB 31: 136975 32: 2023-08-23

54: Watch

57: The design relates to a watch. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



FRONT VIEW

21: A2024/00208 22: 2024-02-20 23: 2024-09-04

52: Class 10. 24: Part A
71: BLANCPAIN SA

33: IB 31: 136898 32: 2023-08-21
33: IB 31: 136975 32: 2023-08-23

54: Watch

57: The design relates to a watch. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



FRONT VIEW

21: A2024/00209 22: 2024-02-20 23: 2024-09-04

52: Class 10. 24: Part A
71: BLANCPAIN SA

33: IB 31: 136898 32: 2023-08-21
33: IB 31: 136975 32: 2023-08-23

54: Watch

57: The design relates to a watch. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



FRONT VIEW

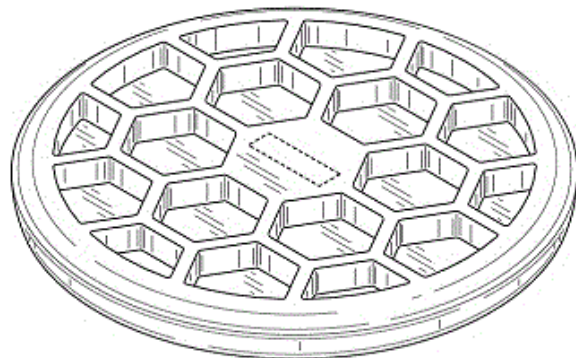
21: A2024/00210 22: 2024-02-20 23: 2023-11-02
43: 2024-09-04

52: Class 7. 24: Part A
71: YETI COOLERS, LLC

33: US 31: 29/908,570 32: 2024-01-12

54: Pad or Coaster for Drinkware

57: The design relates to a pad or coaster for drinkware. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



FRONT TOP PERSPECTIVE VIEW

21: A2024/00211 22: 2024-02-21 23: 2024-09-04

52: Class 3. 24: Part A
71: BLANCPAIN SA
33: IB 31: 136948 32: 2023-08-22
33: IB 31: 136899 32: 2023-08-21

54: Watch Box

57: The design relates to a watch box. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

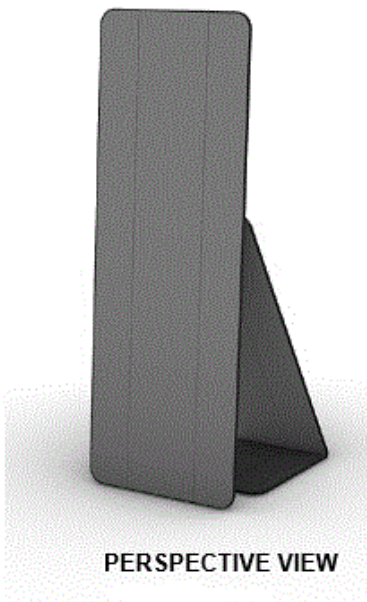


FRONT PERSPECTIVE VIEW

21: A2024/00217 22: 2024-02-22 23:
43: 2024-09-04
52: Class 3. 24: Part A
71: DECATHLON
33: EM 31: 015034965-0001 32: 2023-09-22

54: Sports Bag

57: The design relates to a sports bag. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



PERSPECTIVE VIEW

21: A2024/00223 22: 2024-02-26 23:
43: 2024-09-05

52: Class 13 24: Part A

71: EAGLE LIGHTING (PTY) LTD

54: A LIGHT EMITTING DIODE DRIVER

57: The features of the design for which protection is claimed reside in the shape and/or configuration and/or pattern and/or ornamentation of a light emitting diode driver substantially as illustrated in the accompanying representations.



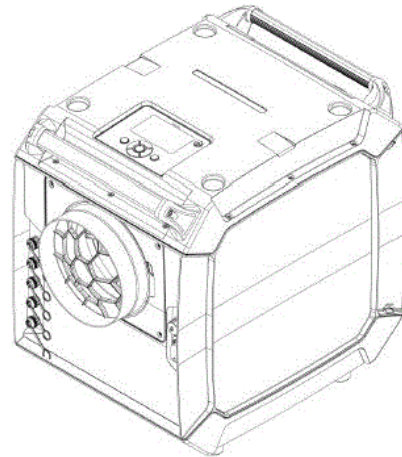
21: A2024/00225 22: 2024-02-26 23:
43: 2024-09-04

52: Class 26 24: Part A

71: EAGLE LIGHTING (PTY) LTD

54: A LIGHT EMITTING DIODE DRIVER

57: The features of the design for which protection is claimed reside in the shape and/or configuration and/or pattern and/or ornamentation of a light emitting diode driver substantially as illustrated in the accompanying representations.



21: A2024/00227 22: 2024-02-26 23:
43: 2023-08-31
52: Class 23 24: Part A
71: Munters Europe Aktiebolag
33: EM(SE) 31: 015032751-0001 32: 2023-08-31

54: AIR TREATMENT UNITS

57: The design is for an air treatment unit. The air treatment unit has a generally cube shaped body having beveled corners. A rear face has a first large circular member protruding outwardly therefrom. An open honeycomb structure is provided in the first circular member. A second circular member that is smaller than the first circular member is provided on the side towards a bottom corner of the rear face. A rectangular member that is spaced from the second circular member is located on the other side of the rear face. A rectangular display and control buttons are provided on the top face. A third circular member defining an opening is provided below the second circular member. Elongate, horizontally arranged handles protrude from upper edges of the front and rear faces. A fourth large circular member protrudes from a top central portion of the front face. An open honeycomb structure is provided in the fourth large circular member.

Figure 1

Three-dimensional view

21: A2024/00228 22: 2024-02-26 23:
43: 2023-08-31
52: Class 23 24: Part A
71: Munters Europe Aktiebolag
33: EM(SE) 31: 015032751-0003 32: 2023-08-31

54: AIR TREATMENT UNITS

57: The design is for an air treatment unit. The air treatment unit has a top rectangular face with beveled corners. A rectangular display and control buttons are provided at the bottom center of the top face. Elongate bar handles extend outwardly from upper edges of front and rear faces of the air treatment unit. Recessed circular formations are provided at the corners of the top face. Two recessed rectangular formations are provided on either side of the top face. An elongate recessed rectangular formation is provided substantially at the center of the top face.

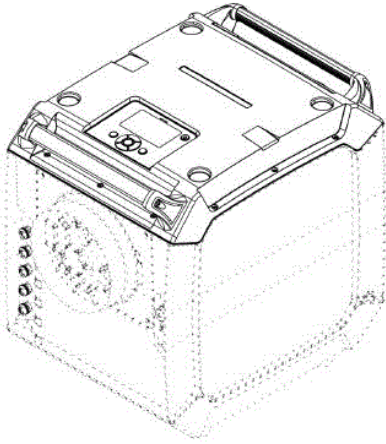
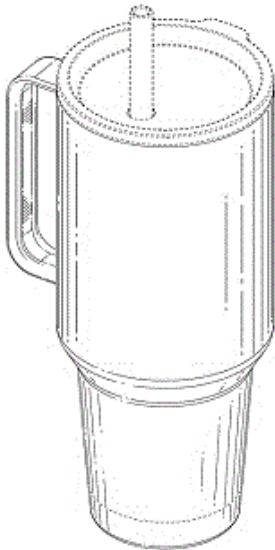


Figure 1
Three-dimensional view

21: A2024/00230 22: 2024-02-27 23:
43: 2024-09-04
52: Class 7. 24: Part A
71: YETI COOLERS, LLC
33: US 31: 29/901,205 32: 2023-08-30

54: Mug

57: The design relates to a mug. The features of the design are those of shape and/or configuration and/or ornamentation.

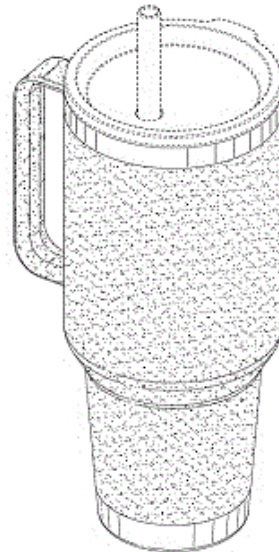


TOP FRONT RIGHT PERSPECTIVE VIEW

21: A2024/00231 22: 2024-02-27 23:
43: 2024-09-04
52: Class 7. 24: Part A
71: YETI COOLERS, LLC
33: US 31: 29/901,240 32: 2023-08-30

54: Mug

57: The design relates to a mug. The features of the design are those of shape and/or configuration and/or ornamentation.



TOP FRONT RIGHT PERSPECTIVE VIEW

21: A2024/00252 22: 2024-03-07 23:
43: 2024-10-11
52: Class 11 24: Part A
71: Ezra Misonne Du Preez, OceanSA

54: JEWELLERY DESIGN

57: The design relates to a Jewellery design . The features of the design are those of pattern and/or shape and/or configuration and/or ornamentation.



21: A2024/00269 22: 2024-03-18 23:
43: 2024-10-11
52: Class 08 24: Part A
71: Abloy Oy

33: EU 31: 015034586-0001 32: 2023-09-20
54: DOOR HANDLES WITH SECURITY LOCKS

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 door handle with a security lock, substantially as shown in the representations.



Three-dimensional front view of a door handle with a security lock

21: A2024/00270 22: 2024-03-18 23:
43: 2024-10-11
52: Class 09 24: Part A
71: THE BEVERAGE COMPANY (PTY) LTD

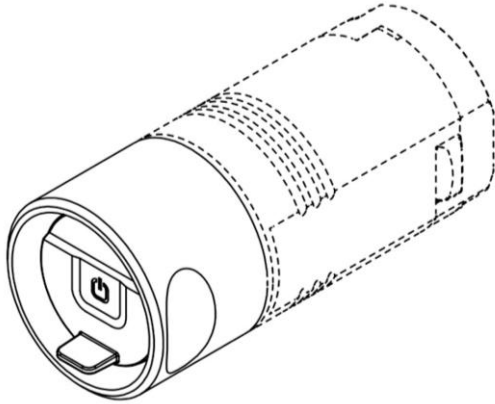
54: A BOTTLE

57: The design is applied to a bottle. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern and/or ornamentation of the bottle, substantially as illustrated in Figures 1 to 5 of the accompanying representations.



21: A2024/00284 22: 2024-03-19 23:
43: 2024-10-11
52: Class 08 24: Part A
71: Abloy Oy
33: EU 31: 015034857-0001 32: 2023-09-21
54: LOCKS

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 lock, substantially as shown in the representations. The features indicated in dotted lines are for illustrative purposes only and are disclaimed.



Three-dimensional front view of a lock

43: 2024-10-11
 52: Class 12 24: Part A
 71: OMNI UNITED (S) PTE LTD
 33: US 31: 29/932,667 32: 2024-03-14

54: TYRE

57: The design is to be applied to a tyre. The features for which protection is claimed are those of shape and/or configuration and/or pattern and/or ornamentation, substantially as shown in the representations. The broken lines are for illustrative purposes only and form no part of the claimed design.



PERSPECTIVE VIEW

21: A2024/00299 22: 2024-03-27 23:
 43: 2024-10-11
 52: Class 12 24: Part A
 71: OMNI UNITED (S) PTE LTD
 33: US 31: 29/932,439 32: 2024-03-13

54: TYRE TREAD

57: The design is to be applied to a tyre tread. The features for which protection is claimed are those of shape and/or configuration and/or pattern and/or ornamentation, substantially as shown in the representations. The broken lines are for illustrative purposes only and form no part of the claimed design.



PERSPECTIVE VIEW

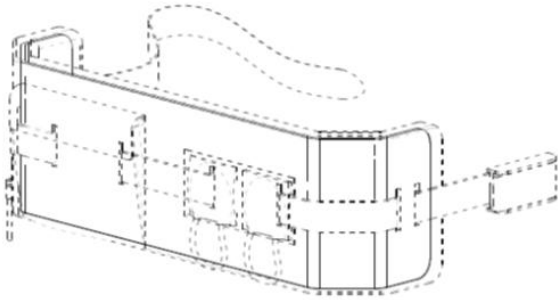
21: F2020/01525 22: 2020-11-25 23:
 43: 2022-06-22

52: Class 29 24: Part F
 71: KERR, STEVEN JOHN

54: A SAFETY DEVICE

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a safety device for use with safety ropes as shown in the accompanying representations.

21: A2024/00300 22: 2024-03-27 23:



PERSPECTIVE VIEW OF ARTICLE IN A TYPICAL ASSEMBLY (ASSEMBLY SHOWN IN DOTTED LINES)

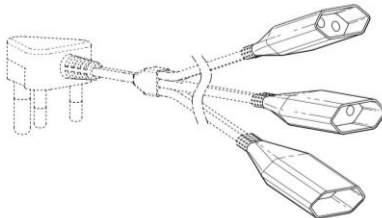
21: F2021/00199 22: 2021-03-03 23: 43: 2022-03-03

52: Class 13 24: Part F

71: MIDDLETON, Stephen Alexander

54: ELECTRICAL CONNECTOR

57: The features of the design for which novelty is claimed are the shape and / or configuration of a **ELECTRICAL CONNECTOR** as shown in the accompanying representations.



FIRST PERSPECTIVE VIEW

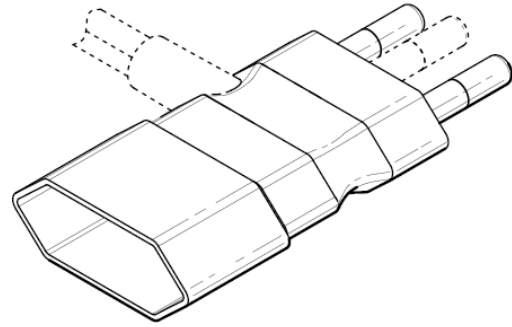
21: F2021/00201 22: 2021-03-03 23: 43: 2022-05-19

52: Class 13 24: Part F

71: MIDDLETON, Stephen Alexander

54: ELECTRICAL CONNECTOR

57: The features of the design for which novelty is claimed are the shape and / or configuration of a **ELECTRICAL CONNECTOR** as shown in the accompanying representations.



SECOND PERSPECTIVE VIEW

21: F2021/00514 22: 2021-05-17 23:

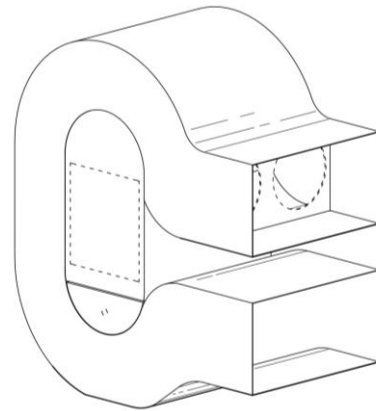
43: 1900-01-01

52: Class 23 24: Part F

71: STONE ARCH CREATIONS CC

54: HEATER

57: The features of the design for which novelty is claimed are the shape and / or configuration of a **HEATER** as shown in the accompanying representations, irrespective of the features shown in broken lines.



SECOND PERSPECTIVE VIEW

21: F2021/01031 22: 2021-09-06 23:

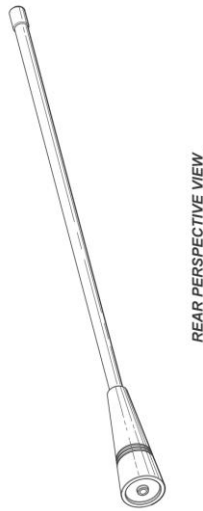
43: 2022-03-24

52: Class 07 24: Part F

71: VAN WYK, Jacob Jacobus

54: A DEVICE FOR STOKING A FIRE

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a **DEVICE FOR STOKING A FIRE** as shown in the accompanying representations, irrespective of the features shown in broken lines.



54: BOARD GAME

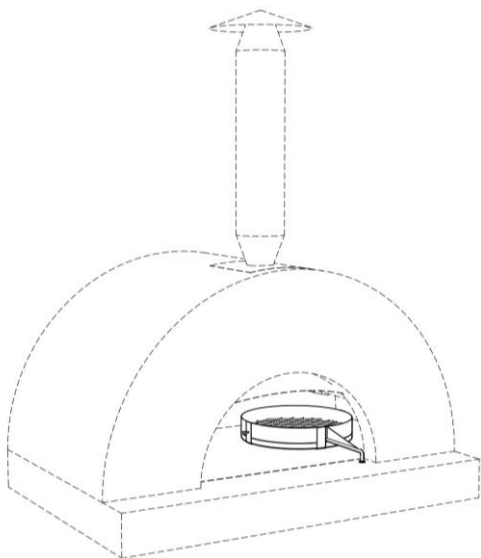
57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a BOARD GAME as shown in the accompanying representations.



21: F2021/01349 22: 2021-10-28 23:
43: 2022-05-11
52: Class 07 24: Part F
71: GASPARRE, Gioacchino

54: A COOKING IMPLEMENT FOR A PIZZA OVEN

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a COOKING IMPLEMENT FOR A PIZZA OVEN as shown in the accompanying representations, irrespective of the features shown in broken lines.



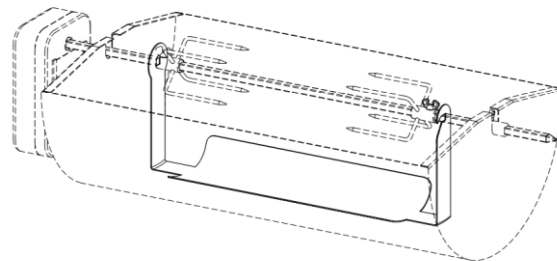
PERSPECTIVE VIEW OF GRID IN A FIRST POSITION IN A TYPICAL OVEN

FRONT VIEW

21: F2022/00184 22: 2022-02-22 23:
43: 2022-09-01
52: Class 07 24: Part F
71: GASPARRE, Gioacchino

54: BASTER FOR A ROTISSERIE

57: accompanying representations, irrespective of the features shown in broken lines.



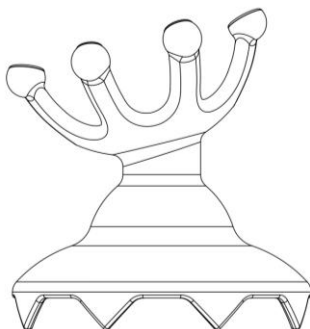
PERSPECTIVE VIEW OF ARTICLE IN A FIRST ARRANGEMENT IN AN OPERATIVE ENVIRONMENT

21: F2022/00117 22: 2022-02-03 23: 2021-09-15
43: 2022-09-15
52: Class 21 24: Part F
71: COLONIZING WINE (PTY) LTD

21: F2022/00479 22: 2022-05-05 23:
43: 2023-02-14
52: Class 21 24: Part F
71: VENTER, BRENDON

54: KICKING TEE

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a KICKING TEE as shown in the accompanying representations, irrespective of the features shown in broken lines.

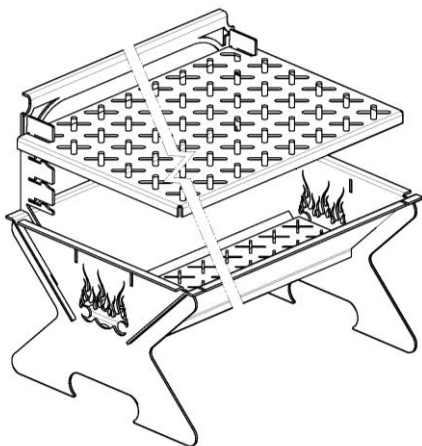


RIGHT SIDE VIEW

21: F2022/01362 22: 2022-10-28 23:
43: 2023-05-12
52: Class 07 24: Part F
71: FIRE PUZZLE (PTY) LTD

54: FIREPLACE

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a FIREPLACE as shown in the accompanying representations, irrespective of the features shown in broken lines.



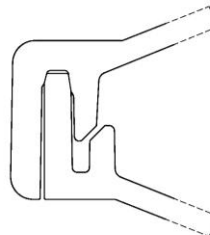
PERSPECTIVE VIEW

21: F2023/00386 22: 2023-03-20 23: 2022-09-19
43: 2024-09-05

52: Class 24 24: Part F
71: MD Diagnostics Limited

54: MEDICAL INSTRUMENT

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a Medical instrument as shown in the accompanying representations, irrespective of the features shown in broken lines.



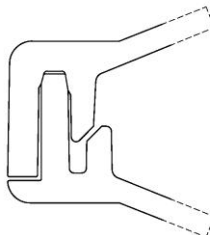
FRONT VIEW OF JOINT SHOWING OFFSET CONTACT POINTS AND AIR-GAPS

21: F2023/00387 22: 2023-03-20 23: 2022-09-19
43: 2024-09-05

52: Class 24 24: Part F
71: MD Diagnostics Limited

54: MEDICAL INSTRUMENT

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a Medical instrument as shown in the accompanying representations, irrespective of the features shown in broken lines.



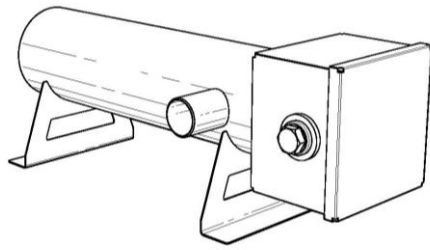
FRONT VIEW OF JOINT SHOWING OFFSET CONTACT POINTS AND AIR-GAPS

21: F2023/00433 22: 2023-04-06 23:
43: 2023-06-29

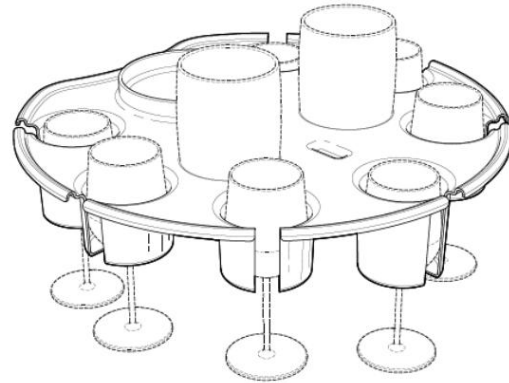
52: Class 23 24: Part F
71: GOLDER, DANIEL DEREK

54: WATER HEATER

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a WATER HEATER as shown in the accompanying representations, irrespective of the features shown in broken lines.



FRONT PERSPECTIVE VIEW

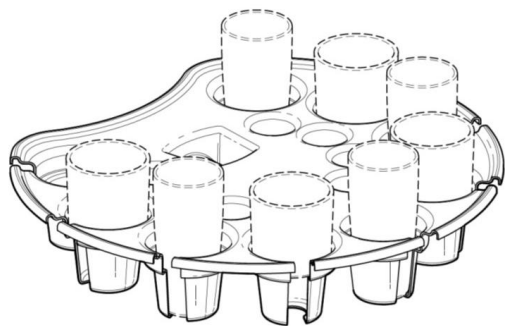


PERSPECTIVE VIEW
OF TRAY IN USE

21: F2023/00440 22: 2023-04-11 23: 2023-01-01
43: 2023-06-29
52: Class 07 24: Part F
71: PIJO PLASTICS (PTY) LTD

54: TRAY FOR HOUSEHOLD GOODS

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a TRAY FOR HOUSEHOLD GOODS as shown in the accompanying representations, irrespective of the features shown in broken lines.

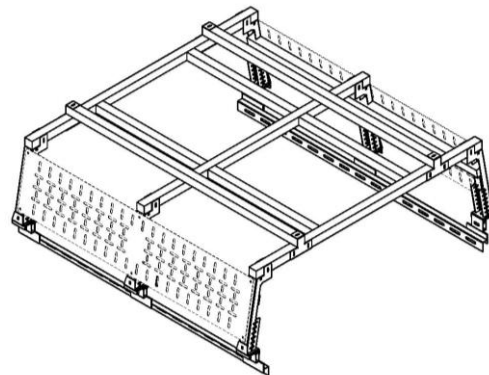


PERSPECTIVE VIEW
OF TRAY IN USE

21: F2023/00610 22: 2023-05-23 23:
43: 2023-12-01
52: Class 12 24: Part F
71: VAN DEN BERG, HENDRIK GERHARDUS

54: CANOPY FOR A VEHICLE

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a CANOPY FOR A VEHICLE as shown in the accompanying representations, irrespective of the features shown in broken lines.



PERSPECTIVE VIEW SHOWING
OPTIONAL PANELS IN DOTTED LINES

21: F2023/00444 22: 2023-04-11 23: 2023-01-01
43: 2023-12-18
52: Class 07 24: Part F
71: PIJO PLASTICS (PTY) LTD

54: TRAY FOR HOUSEHOLD GOODS

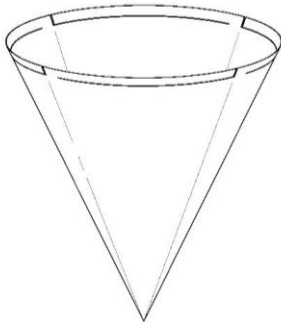
57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a TRAY FOR HOUSEHOLD GOODS as shown in the accompanying representations, irrespective of the features shown in broken lines.

21: F2023/00708 22: 2023-06-22 23:
43: 2024-02-09
52: Class 07 24: Part F
71: THORNE, LIONEL WAYNE BRITTANICUS

54: NOVEL FILTER DESIGN FOR USE IN COFFEE MACHINES AND FRYING OIL FILTRATION

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a FILTER DESIGN FOR USE IN COFFEE MACHINES AND FRYING OIL FILTRATION as

shown in the accompanying representations, irrespective of the features shown in broken lines.



PERSPECTIVE VIEW OF ARTICLE IN READY TO BE DEPLOYED

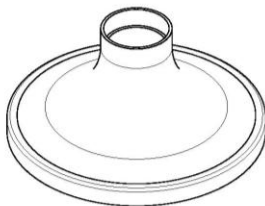
21: F2023/00912 22: 2023-08-21 23: 2023-08-10 43: 2024-03-11

52: Class 24 24: Part F

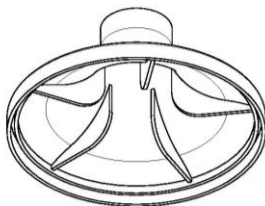
71: MD Diagnostics Limited

54: MEDICAL INSTRUMENT

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a MEDICAL INSTRUMENT as shown in the accompanying representations.



FIRST PERSPECTIVE VIEW



SECOND PERSPECTIVE VIEW

21: F2023/00953 22: 2023-08-31 23: 43: 2024-03-11

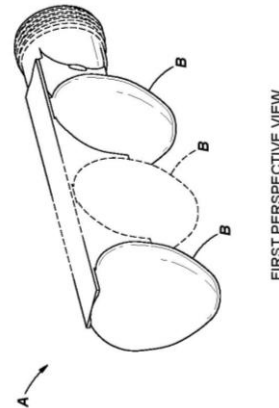
52: Class 07 24: Part F

71: GRADUS-SAMSON, Kyle

54: TABLEWARE

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a TABLEWARE as shown in the

accompanying representations, irrespective of the features shown in broken lines.



FIRST PERSPECTIVE VIEW

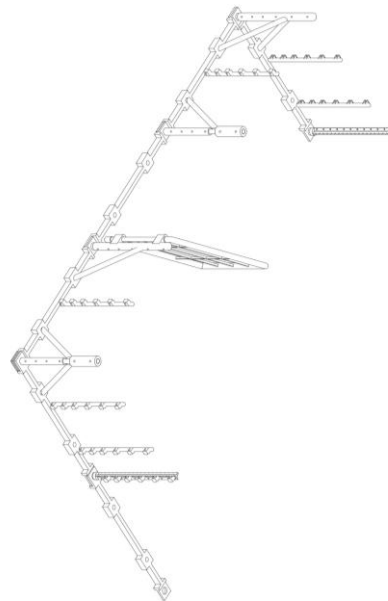
21: F2023/01099 22: 2023-10-10 23: 43: 2024-10-15

52: Class 21 24: Part F

71: Plaas-Plaas (Pty) Ltd

54: FARM FENCING COMPONENTS

57: The features of the design for which protection is claimed include the features of patterns and/or shapes and/or configurations of a set of farm fencing components, substantially as shown in the representations.



Three-dimensional assembled view of a set of farm fencing components

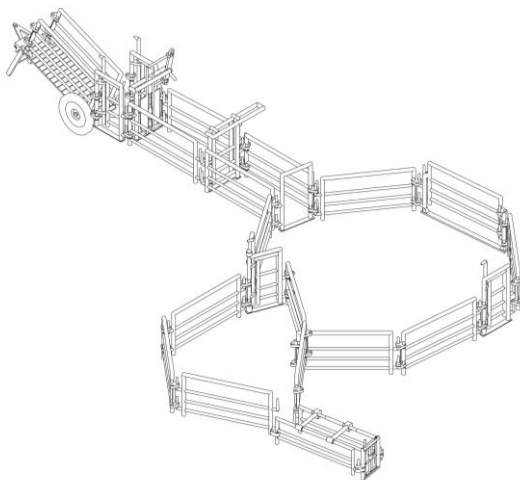
21: F2023/01100 22: 2023-10-11 23: 43: 2024-10-15

52: Class 21 24: Part F

71: Plaas-Plaas (Pty) Ltd

54: LIVESTOCK HANDLING EQUIPMENT COMPONENTS

57: The features of the design for which protection is claimed include the features of patterns and/or shapes and/or configurations of a set of livestock handling equipment components, substantially as shown in the representations.

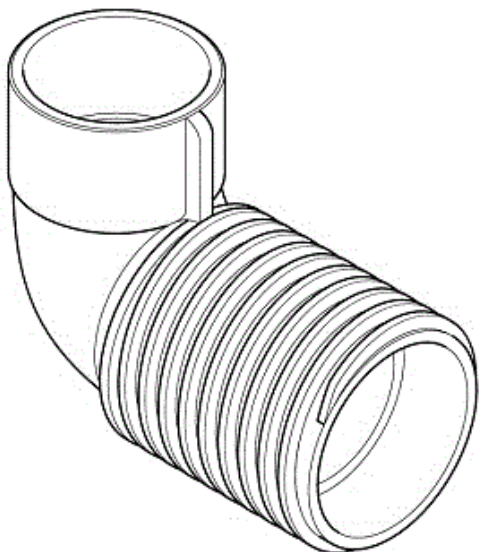


Three-dimensional assembled view of a set of livestock handling equipment components

21: F2023/01135 22: 2023-10-23 23: 43: 2024-09-04
 52: Class 23. 24: Part F
 71: DAVIS & DEALE IRRIGATION (PROPRIETARY) LIMITED

54: Fitting for a Water Meter Housing

57: The design relates to fitting for a water meter housing. The features of the design are those of shape and/or configuration.

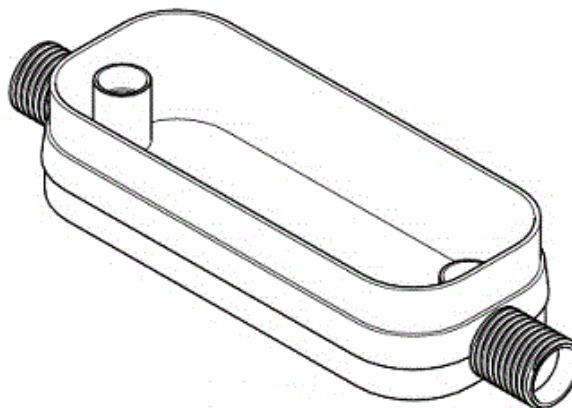


PERSPECTIVE VIEW

21: F2023/01137 22: 2023-10-23 23: 43: 2024-09-04
 52: Class 23. 24: Part F
 71: DAVIS & DEALE IRRIGATION (PROPRIETARY) LIMITED

54: Base Plate for Water Meter Housing

57: The design relates to a base plate for a water meter housing. The features of the design are those of shape and/or configuration.



PERSPECTIVE VIEW

21: F2023/01462 22: 2023-12-21 23: 43: 2024-07-03
 52: Class 10 24: Part F
 71: ROOIBAARD PRODUKTE (PTY) LTD

54: VAPE SMOKING PIPE

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a VAPE SMOKING PIPE as shown in the accompanying representations, irrespective of the features shown in broken lines.



PERSPECTIVE VIEW

21: F2023/01464 22: 2023-12-21 23: 43: 2024-07-03
 52: Class 10 24: Part F
 71: ROOIBAARD PRODUKTE (PTY) LTD

54: VAPE SMOKING DEVICE

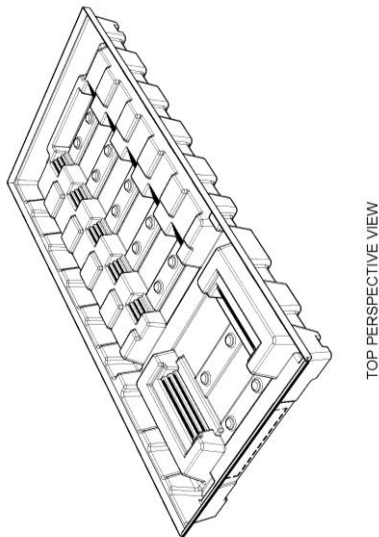
57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a VAPE SMOKING DEVICE as shown in the accompanying representations, irrespective of the features shown in broken lines.



FIRST PERSPECTIVE VIEW

21: F2024/00024 22: 2024-01-11 23:
43: 2024-08-14
52: Class 13 24: Part F
71: HATTINGH, JOHANNES HENDRIK PETRUS
54: SOLAR ENERGY HUB

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a SOLAR ENERGY HUB as shown in the accompanying representations, irrespective of the features shown in broken lines.

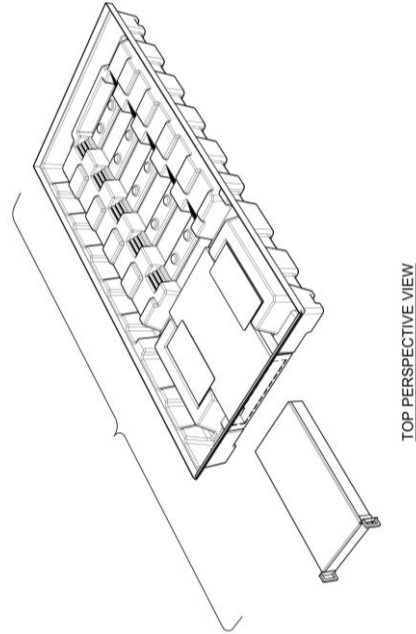


TOP PERSPECTIVE VIEW

21: F2024/00025 22: 2024-01-11 23:
43: 2024-08-14
52: Class 13 24: Part F
71: HATTINGH, JOHANNES HENDRIK PETRUS
54: SOLAR ENERGY HUB WITH REMOVABLE TRAY

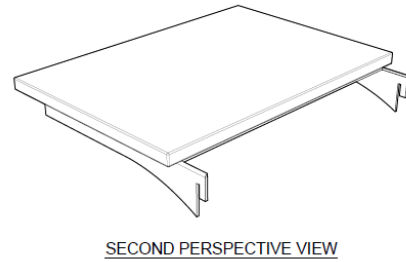
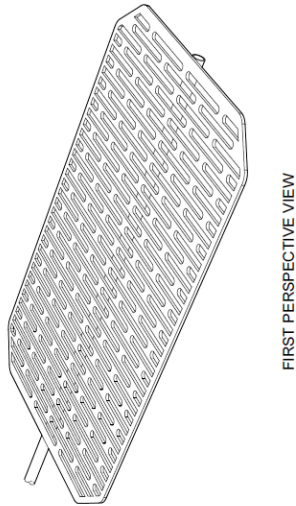
57: The features of the design for which novelty is claimed are the shape and / or configuration and / or

pattern of a SOLAR ENERGY HUB WITH REMOVABLE TRAY as shown in the accompanying representations, irrespective of the features shown in broken lines.



TOP PERSPECTIVE VIEW

21: F2024/00059 22: 2024-01-19 23:
43: 2024-08-14
52: Class 07 24: Part F
71: BOTHA, JABEZ VINCENT
54: RIB RACK FOR BRAAI STAND
57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a RIB RACK FOR BRAAI STAND as shown in the accompanying representations, irrespective of the features shown in broken lines.



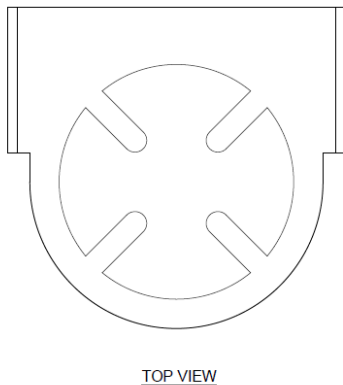
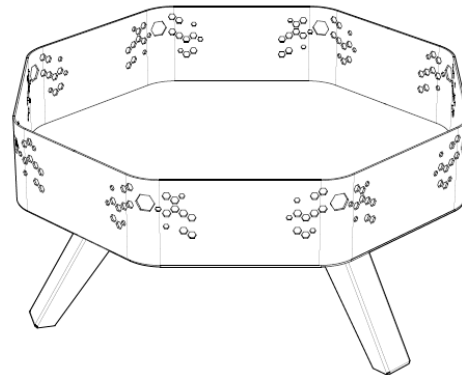
21: F2024/00062 22: 2024-01-19 23:
43: 2024-08-14
52: Class 07 24: Part F
71: BOTHA, JABEZ VINCENT
54: BRAAI STAND

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a BRAAI STAND as shown in the accompanying representations, irrespective of the features shown in broken lines.

21: F2024/00060 22: 2024-01-19 23:
43: 2024-08-14
52: Class 07 24: Part F
71: BOTHA, JABEZ VINCENT

54: PAN HOLDER FOR BRAAI STAND

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a PAN HOLDER FOR BRAAI STAND as shown in the accompanying representations, irrespective of the features shown in broken lines.



21: F2024/00064 22: 2024-01-19 23:
43: 2024-08-13
52: Class 09 24: Part F
71: BOWLER PLASTICS (PTY) LTD
54: CAP

57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of the CAP substantially as illustrated in the accompanying representations. Features shown in broken lines do not form part of the design and are disclaimed.

21: F2024/00061 22: 2024-01-19 23:
43: 2024-08-14
52: Class 07 24: Part F
71: BOTHA, JABEZ VINCENT

54: DETACHABLE TABLE FOR BRAAI STAND

57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a DETACHABLE TABLE FOR BRAAI STAND as shown in the accompanying representations, irrespective of the features shown in broken lines.

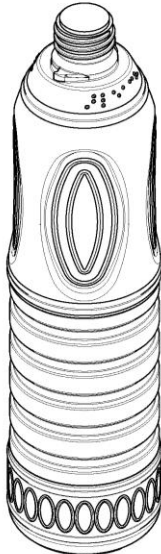


FIRST PERSPECTIVE VIEW

21: F2024/00066 22: 2024-01-19 23:
43: 2024-08-13
52: Class 09 24: Part F
71: BOWLER PLASTICS (PTY) LTD

54: BOTTLE

57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of the BOTTLE substantially as illustrated in the accompanying representations.

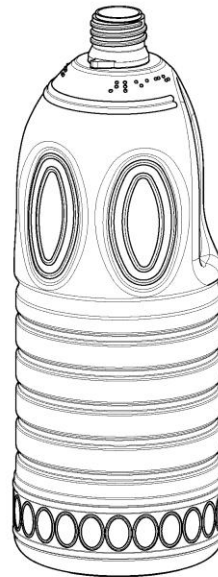


FIRST PERSPECTIVE VIEW

21: F2024/00068 22: 2024-01-19 23:
43: 2024-08-13
52: Class 09 24: Part F
71: BOWLER PLASTICS (PTY) LTD

54: BOTTLE

57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of the BOTTLE substantially as illustrated in the accompanying representations.



FIRST PERSPECTIVE VIEW

21: F2024/00070 22: 2024-01-19 23:
43: 2024-08-13
52: Class 09 24: Part F
71: BOWLER PLASTICS (PTY) LTD

54: BOTTLE

57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of the BOTTLE substantially as illustrated in the accompanying representations.

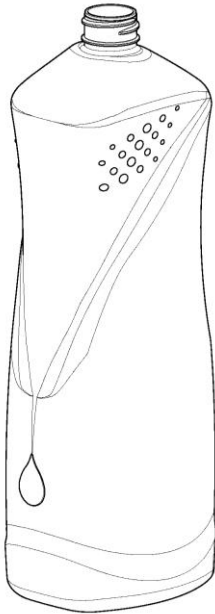


FRONT PERSPECTIVE VIEW

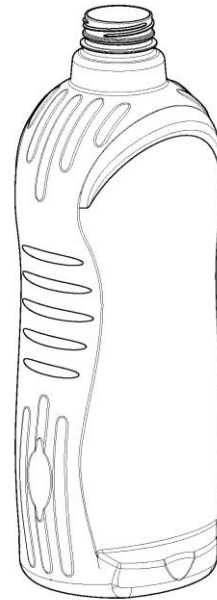
21: F2024/00072 22: 2024-01-19 23:
43: 2024-08-13
52: Class 09 24: Part F
71: BOWLER PLASTICS (PTY) LTD

54: BOTTLE

57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of the BOTTLE substantially as illustrated in the accompanying representations.



FIRST PERSPECTIVE VIEW



FIRST PERSPECTIVE VIEW

21: F2024/00074 22: 2024-01-19 23:
43: 2024-08-13
52: Class 09 24: Part F
71: BOWLER PLASTICS (PTY) LTD

54: BOTTLE

57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of the BOTTLE substantially as illustrated in the accompanying representations.

21: F2024/00186 22: 2024-02-16 23:
43: 2024-09-04
52: Class 12 24: Part F
71: RSI NORTH AMERICA, INC.
33: US 31: 29/900,154 32: 2023-08-17

54: DOOR FOR A SIDE PANEL

57: The features of the design for which protection is claimed reside in the shape and/or configuration and/or pattern of a door for a side panel substantially as illustrated in the accompanying representations, irrespective of the features shown in broken lines.

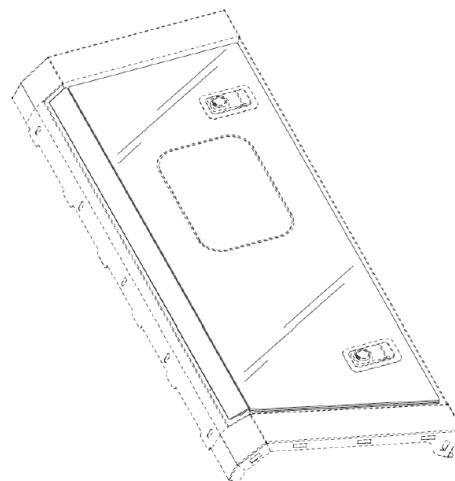


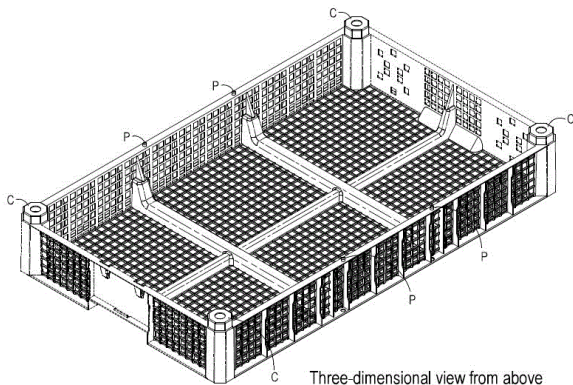
Figure 1

Illustrates a second perspective view of a second example embodiment of a DOOR FOR A SIDE PANEL according to the present disclosure

21: F2024/00188 22: 2024-02-16 23:

43: 2024-02-16
 52: Class 9 24: Part F
 71: BOOSTAINER PROPRIETARY LIMITED
54: TRAYS

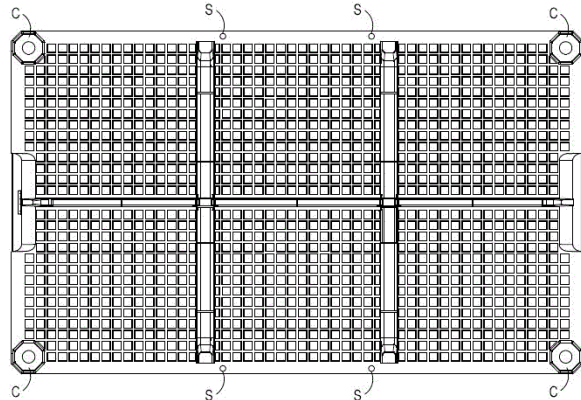
57: The design is applied to a tray substantially as shown in the accompanying representations. The tray is open-topped and has a rectangular shape when viewed in plan view. The tray has a rectangular foraminous base wall and a pair of spaced parallel side walls and a pair of spaced parallel end walls extending upwardly from the base wall. The base wall has two spaced parallel transverse ribs extending between the side walls and a third centrally located longitudinal rib extending perpendicularly with respect to the transverse ribs, between the end walls. The ribs define compartments for holding articles. Corner posts C located at each of the corners of the tray have locating formations at upper ends thereof for location with complementary sockets of a similar tray stacked on top of the tray. Spaced locating pins P are provided on the upper sides of the side walls for engagement with complementary sockets of a similar tray stacked on top of the tray.



21: F2024/00189 22: 2024-02-16 23:
 43: 2024-02-16
 52: Class 9 24: Part F
 71: BOOSTAINER PROPRIETARY LIMITED
54: TRAYS

57: The design is applied to the underside of a tray substantially as shown in the accompanying representations. The tray is open-topped and has a rectangular shape when viewed in plan view. The tray has a rectangular foraminous base wall and a pair of spaced parallel side walls and a pair of spaced parallel end walls extending upwardly from the base wall. The base wall has two spaced parallel transverse ribs extending between the side walls and a third centrally located longitudinal rib extending perpendicularly with respect to the transverse ribs, between the end walls. The ribs

define compartments for holding articles. Corner posts C located at each of the corners of the tray have locating formations at upper ends thereof for location with complementary sockets of a similar tray stacked on top of the tray. Spaced locating sockets S are provided on the bottom sides of the side walls for engagement with complementary pins of a similar tray on which the tray is stacked.



Bottom view

21: F2024/00224 22: 2024-02-26 23:
 43: 2024-09-04
 52: Class 13 24: Part F
 71: EAGLE LIGHTING (PTY) LTD

54: A LIGHT EMITTING DIODE DRIVER
 57: The features of the design for which protection is claimed reside in the shape and/or configuration and/or pattern of a light emitting diode driver substantially as illustrated in the accompanying representations.

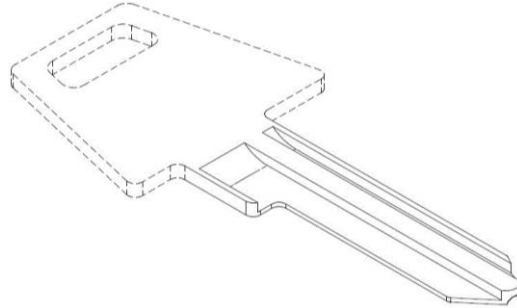


21: F2024/00226 22: 2024-02-26 23:
43: 2024-09-04
52: Class 26 24: Part F
71: EAGLE LIGHTING (PTY) LTD
54: A LIGHT EMITTING DIODE DRIVER
57: The features of the design for which protection is claimed reside in the shape and/or configuration and/or pattern of a light emitting diode driver substantially as illustrated in the accompanying representations.



21: F2024/00234 22: 2024-02-29 23:
43: 2024-02-29
52: Class 8 24: Part F
71: W.T.F.M INVESTMENTS (PTY) LTD.
54: KEY BLANK

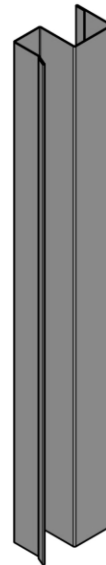
57: The design is applied to a key blank. The features of the design for which protection is claimed include the shape and/or configuration of a key blank, substantially as illustrated in the accompanying representations.



Three-dimensional view from top

21: F2024/00266 22: 2024-03-18 23:
43: 2024-10-11
52: Class 25 24: Part F
71: OOSTHUIZEN TRUST
54: ROLLER DOOR FRAMES

57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of a roller door frame, substantially as shown in the representations. Hidden detail is shown in some views for illustrative purposes.

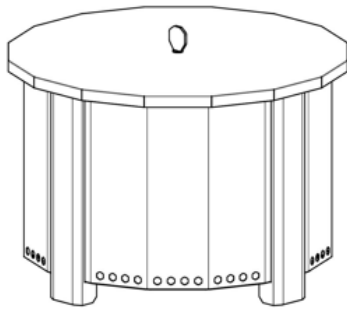


Three-dimensional view of a roller door frame

21: F2024/00271 22: 2024-03-18 23:
43: 2024-10-11
52: Class 07 24: Part F
71: Dean Gordon Findlay

54: SMOKELESS FIRE PIT

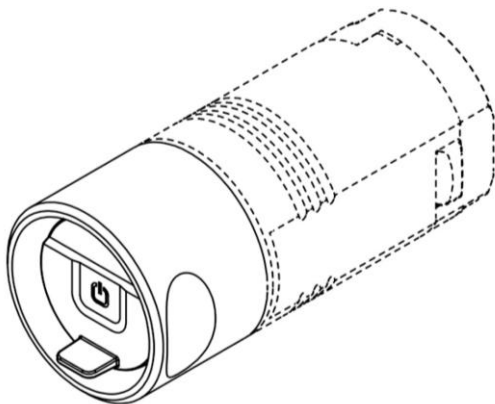
57: The features of the design for which novelty is claimed are the shape and / or configuration and / or pattern of a SMOKELESS FIRE PIT as shown in the accompanying representations, irrespective of the features shown in broken lines.



21: F2024/00285 22: 2024-03-19 23:
43: 2024-10-11
52: Class 08 24: Part F
71: Abloy Oy
33: EU 31: 015034857-0001 32: 2023-09-21

54: LOCKS

57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of a lock, substantially as shown in the representations. The features indicated in dotted lines are for illustrative purposes only and are disclaimed.



Three-dimensional front view of a lock

21: F2024/00304 22: 2024-03-27 23:
43: 2024-10-11
52: Class 09 24: Part F
71: GREGS BRANDS INTELLECTUAL PROPERTY HOLDINGS COMPANY (PTY) LTD

54: ENERGY DRINK CONCENTRATE MIXING BOTTLE

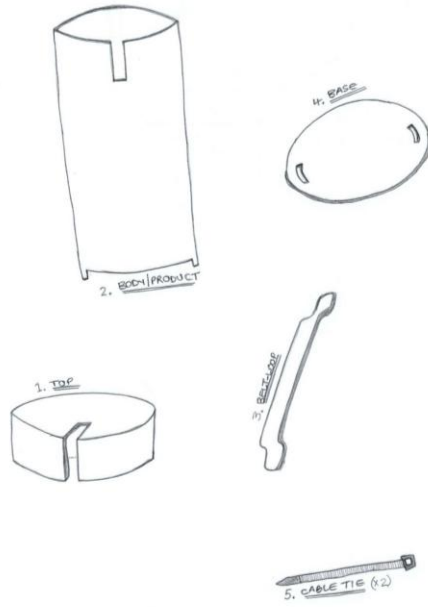
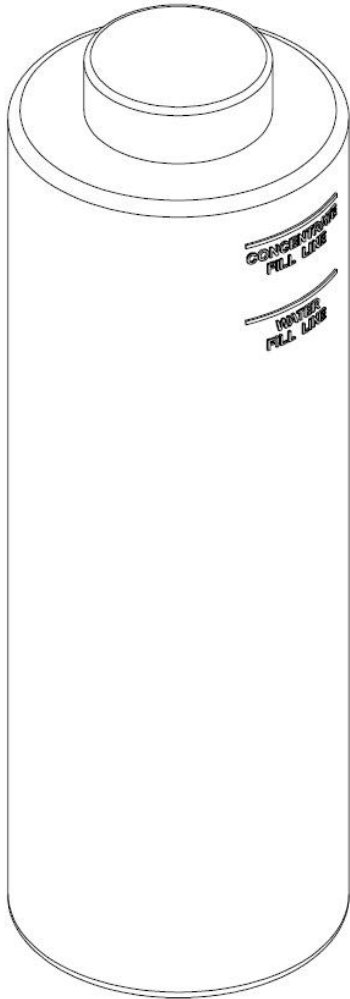
57: The features of this design for which protection are claimed include the configuration of an energy drink concentrate mixing bottle substantially as illustrated in the accompanying representations.



21: F2024/00305 22: 2024-03-27 23:
43: 2024-10-11
52: Class 09 24: Part F
71: GREGS BRANDS INTELLECTUAL PROPERTY HOLDINGS COMPANY (PTY) LTD

54: ENERGY DRINK CONCENTRATE MIXING BOTTLE

57: The features of this design for which protection are claimed include the configuration of an energy drink concentrate mixing bottle substantially as illustrated in the accompanying representations.



21: F2024/00875 22: 2024-09-09 23:
43: 2024-10-08
52: Class 3 24: Part F
71: Chuma Madayile, C Mad (Pty) Ltd
54: MONEY BANK PRODUCT
57: The design relates to a Money Bank Product.
The features of the design are those of shape and/or
pattern and/or configuration.

HYPOTHECATIONS

No records available

JUDGMENTS

No records available

OFFICE PRACTICE 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: 2024/00015 22: 2024/11/05 43: 2024/11/05
 24: 2022/03/01 to 2022/11/30; Johannesburg
 25: 2023/01/27; Johannesburg, South Africa
 71: Catharina Weinek 21 Collingwood Street,
 Kensington, 2094, South Africa
 75: Constance Ferguson 274 TOTIUS ROAD,
 ROODEKRAANS, 1724, Roodekrans, ZA, 1724,
 Phone :0829923174, Email:
 connie@fergusonfilms.co.za; Samad Davis206
 Rosetti Trace Peachtree City, Georgia 30269 USA,
 206 Rosetti Trace Peachtree City, US, Georgia
 30269 USA, Phone: +1 (917) 566-7294, Email:
 samaddavis@gmail.com
 76: Dumi Gumbi; Cati Weinek; Constance Ferguson;
 Samad Davis
 77: Samad Davis
 54: **Kings Of Joburg, Season 2**
 78: Connie Ferguson
 26: Johannesburg, South Africa.
 55: Specimen not lodged
 56: Preview not requested
 57: The Masire brothers rule Johannesburg's
 criminal underworld, but a supernatural family curse
 threatens to destroy them.
58: MS

54: **Die Dekonstruksie Van Retta Blom**
 78: Antoinette Louw
 26: Film shot and produced in South Africa.
 55: Specimen not lodged
 56: Preview not requested
 57: Retta Blom believes her life is as perfect as her
 white and beige trophy house. The foundation of her
 entire existence starts falling apart when she finds
 out that her husband of 26 years leads a double life.
 She loses her husband, her religion and her grip on
 life before she eventually starts healing again.
58: DR

21: 2024/00016 22: 2024/11/18 43: 2024/11/18
 24: 2024/03/01 to 2024/07/30; Gauteng, Free State,
 Northern Cape, Western Cape
 25: 2024/08/27; Cape Town
 71: Catharina Weinek 21 Collingwood Street,
 Kensington, 2094, South Africa
 75: Henrietta Plattner
 76: Dumi Gumbi
 77: Pieter Grobbelaar

HYPOTHECATIONS

No records available

JUDGMENTS

No records available

OFFICE PRACTICE NOTICES

5. CORRECTION NOTICES

TRADE MARK CORRECTION NOTICES

No records available

PATENT CORRECTION NOTICES

No records available

DESIGNS CORRECTION NOTICES

The below design application was erroneously advertised in the September 2024 journal.

Rectification by the Registrar in terms of section 28 of the Designs Act That the register be rectified by deleting the registration date for the Design application number A2023/01302 ,as the documentary requirements have not been fulfilled and the registration notice was issued in error . This application was erroneously included in the September Journal and is still pending

The below design application was erroneously advertised in the August 2024 journal.

Rectification by the Registrar in terms of section 28,Regulation 41(10) of the Design Act That the register be rectified by deleting the registration date for the Design application number A2023/00955,as the documentary requirements have not been fulfilled and the registration notice was issued in error .This application was erroneously included in the August Journal and is still pending.

COPYRIGHT CORRECTION NOTICES

No records available

PATENTS

Advertisement List for November 2024

Number of Advertised Patents: 477

Application Number	Patent Title	Filing Date
2006/04885	METHODS FOR FABRICATING ISOLATED MICRO- AND NANO-STRUCTURES USING SOFT OR IMPRINT LITHOGRAPHY	2006/06/13
2015/07958	NEW SOMATOSTATIN RECEPTOR SUBTYPE 4 (SSTR4) AGONISTS	2015/10/26
2016/03467	NOVEL CARBOXAMIDES, METHOD FOR THE PRODUCTION THEREOF, PHARMACEUTICAL PREPARATIONS COMPRISING THEM, AND USE THEREOF FOR PRODUCING MEDICAMENTS	2016/05/20
2016/05715	CYCLOPROPYLAMINES AS LSD1 INHIBITORS	2016/08/17
2016/06321	SERUM ALBUMIN-BINDING FIBRONECTIN TYPE III DOMAINS	2016/09/13
2016/06825	ROCK DRILLING RIG	2016/10/05
2016/07097	LIQUID FORMULATION COMPRISING GM-CSF NEUTRALIZING COMPOUND	2016/10/14
2017/04960	SYSTEMS AND METHODS FOR GENERATING LIQUID WATER FROM AIR	2017/07/20
2017/04970	ROCK FACE MOVEMENT MONITOR	2017/07/21
2017/05838	DRUM CYLINDER UNIT, METHOD FOR ATTACHING COUPLING MEMBER, AND DRUM UNIT	2017/08/28
2017/06901	ANAEROBIC BLOOD STORAGE CONTAINERS	2017/10/12
2017/08286	ORODISPERSIBLE DOSAGE UNIT CONTAINING AN ESTETROL COMPONENT	2017/12/06
2017/08618	INDANE DERIVATIVES FOR MALODOR COUNTERACTION	2017/12/18
2018/02312	A GROUP OF COMPOUNDS USED FOR THE TREATMENT OR PREVENTION OF HYPERURICEMIA OR GOUT	2018/04/09
2018/02375	FERMENTATION TANK AND METHOD	2018/04/11
2018/02453	EXPRESSION OF RECOMBINANT PROTEINS IN TRICHOPLUSIA NI PUPAE	2018/04/13
2018/03782	HAIR COSMETIC COMPOSITION COMPRISING SILICONES AND	2018/06/07

Application Number	Patent Title	Filing Date
	SURFACTANTS, AND COSMETIC TREATMENT PROCESS	
2018/04026	TURRET SIMULATION METHOD AND DEVICE	2018/06/15
2018/04124	DIETARY PEPTIDES	2018/06/20
2018/04348	HOUSING	2018/06/28
2018/04420	HERBICIDAL COMPOSITIONS CONTAINING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL)PYRIDINE-2-CARBOXYLIC ACID, FLORASULAM AND PYROXSULAM OR DERIVATIVES THEREOF	2018/07/02
2018/04524	DETERMINING MEDIA DELIVERY EVENT LOCATIONS FOR MEDIA TRANSPORT	2018/07/06
2018/04696	THERAPEUTIC USE OF INHIBITORS OF T CELL ACTIVATION OR STIMULATION	2018/07/13
2018/04740	PORTABLE SOLAR PHOTOVOLTAIC ARRAY	2018/07/16
2018/04969	METHOD FOR SWITCHING BETWEEN PRODUCT TYPES ON A SORTING SYSTEM FOR SORTING PRODUCTS SUCH AS VEGETABLES AND FRUIT, AND SORTING SYSTEM THEREFOR	2018/07/24
2018/05322	UNIT DOSES FOR IMMEDIATE RELEASE OF GHB OR OF ONE OF THE THERAPEUTICALLY ACCEPTABLE SALTS THEREOF, ADMINISTERED ORALLY, AND THE USE THEREOF TO MAINTAIN ALCOHOL ABSTINENCE.	2018/08/10
2018/06268	LOAD CELL ASSEMBLY	2018/09/18
2018/06957	BEVERAGE CAN HAVING A GROMMET	2018/10/18
2018/07088	SERVER DEVICE OPERATING A PIECE OF SOFTWARE FOR CONTROLLING A FUNCTION OF A RAIL TRANSPORT SAFETY SYSTEM	2018/10/24
2018/07544	BUTENE-1 POLYMER COMPOSITION HAVING A HIGH MELT FLOW RATE	2018/11/09
2018/07578	DRAIN CONTROL INSECT ABATEMENT METHODS, DEVICES AND SYSTEMS	2018/11/12
2018/08129	FLYWHEEL SYSTEM	2018/11/30
2018/08274	SPRAY DEVICE HAVING A REPLACEABLE CARTRIDGE	2018/12/07
2018/08353	ANVIL DEVICE	2018/12/11
2018/08384	A MIND-ALTERING SUBSTANCE	2018/12/12

Application Number	Patent Title	Filing Date
	TESTING SYSTEM	
2019/02293	FIBER WASHING METHOD AND SYSTEM	2019/04/11
2019/02335	PHARMACEUTICAL COMPOUNDS	2019/04/12
2019/02798	NOVEL PLANT CELLS, PLANTS, AND SEEDS	2019/05/03
2019/04431	EARLY DETECTION OF GLIAL CELL ACTIVATION IN NEURODEGENERATIVE OR NEUROINFLAMMATORY DISEASES	2019/07/05
2019/04624	ZWITTERIONICALLY MODIFIED POLYMERS AND HYDROGELS	2019/07/15
2019/04652	COMBINATIONS OF CABOZANTINIB AND ATEZOLIZUMAB TO TREAT CANCER	2019/07/16
2019/04860	METHODS FOR ASSESSING RISK OF DEVELOPING A VIRAL DISEASE USING A GENETIC TEST	2019/07/24
2019/04861	METHOD FOR MODULATING INFLAMMASOME ACTIVITY AND INFLAMMATION IN THE LUNG	2019/07/24
2019/06993	"OXYGENATOR OF ORGANIC FLUIDS";	2019/10/23
2019/08087	TREATMENT FOR MIGRAINE	2019/12/05
2020/01448	CYCLOOLEFIN SUBSTITUTED HETEROAROMATIC COMPOUNDS AND THEIR USE	2020/03/06
2020/02064	OPTIMIZING AUDIO DELIVERY FOR VIRTUAL REALITY APPLICATIONS	2020/05/04
2020/02099	METHOD FOR FORMULATING AEROSOL PRECURSOR FOR AEROSOL DELIVERY DEVICE	2020/05/04
2020/02185	METHOD FOR MANUFACTURING A CLOSURE FOR A PRODUCT-RETAINING CONTAINER	2020/05/04
2020/02280	SYSTEM AND METHOD OF IDENTIFICATION AND AUTHENTICATION FOR TRACING AGRICULTURAL ASSETS, IDENTIFICATION ELEMENT FOR SECURE IDENTIFICATION OF AGRICULTURAL ASSETS AND CORRESPONDING COMPUTER PROGRAMS	2020/05/04
2020/02936	PHENOXY ACIDS FOR THE TREATMENT OF NEUROMUSCULAR DISORDERS	2020/05/20
2020/03238	INTRANASAL ADMINISTRATION DEVICE	2020/05/29
2020/03554	1 - (PIPERIDINOCARBONYLMETHYL)-2-OXOPIPERAZINE DERIVATIVES	2020/06/12

Application Number	Patent Title	Filing Date
	FOR TREATING CANCER	
2020/03665	AN AIR VENT	2020/06/18
2020/03725	STABILIZED WATER FLOW CONTROL GROUND COVER	2020/06/19
2020/03838	SUBCRITICAL CORE REACTIVITY BIAS PROJECTION TECHNIQUE	2020/06/24
2020/04086	METHOD FOR THE HARMONIZATION OF ASSAY RESULTS	2020/07/03
2020/04151	ANTICOAGULANT PROTEINS AND THEIR USE FOR TREATING DISEASES ASSOCIATED WITH THE ACTIVATION OF NEUTROPHILS	2020/07/07
2020/04181	STEROID DERIVATIVE REGULATORS, METHOD FOR PREPARING THE SAME, AND USES THEREOF	2020/07/08
2020/04185	INJECTABLE GEL PRODUCT	2020/07/08
2020/04219	AMINATED LIGNIN-DERIVED COMPOUNDS AND USES THEREOF	2020/07/09
2020/04704	FIRE PROTECTION SYSTEM FOR SLOPED COMBUSTIBLE CONCEALED SPACES	2020/07/29
2020/04789	EXTERNAL HOMOGENIZATION SYSTEMS AND METHODS RELATED THERETO	2020/07/31
2020/04848	MODULATORS OF IRF4 EXPRESSION	2020/08/05
2020/05862	ANALYTICAL CARTRIDGE FOR TESTING AND RELATED METHODS	2020/09/22
2020/07739	DOWNSAMPLING GENOMIC SEQUENCE DATA	2020/12/11
2021/01554	PROVIDING COMPUTER-GENERATED CONTEXTUAL DATA TO AN END-POINT DURING A DIGITAL TRANSACTION	2021/03/08
2021/01938	BCMA CHIMERIC ANTIGEN RECEPTOR BASED ON SINGLE DOMAIN ANTIBODY AND USE THEREOF	2021/03/23
2021/02241	COMBINATION THERAPY WITH A PHOSPHOINOSITIDE 3-KINASE INHIBITOR WITH A ZINC BINDING MOIETY	2021/04/01
2021/02845	VERSATILE BASE FOR CAN NECKING SYSTEM	2021/04/28
2021/02999	INHIBITORS OF CYCLIN-DEPENDENT KINASE 7 (CDK7)	2021/05/04
2021/03132	KETAMINE PAMOATE AND USE THEREOF	2021/05/10
2021/03289	APPARATUS AND METHOD FOR ROASTING COFFEE BEANS	2021/05/14

Application Number	Patent Title	Filing Date
2021/03290	PACK FOR PREPARING FOOD OR BEVERAGE PRODUCTS	2021/05/14
2021/03464	CAPSULE SYSTEM WITH RECOGNITION MEANS AND ADAPTABLE OPENING AND INJECTION MECHANISM	2021/05/21
2021/03499	METHODS FOR RENAL FUNCTION DETERMINATION	2021/05/24
2021/03647	ARRANGEMENT IN UNDERGROUND MINING MACHINE, AND METHOD	2021/05/27
2021/03766	NON-NATURAL NKG2D RECEPTORS THAT DO NOT DIRECTLY SIGNAL THE CELLS TO WHICH THEY ARE ATTACHED	2021/06/01
2021/03788	USE OF DANTROLENE AND DANTROLENE PRODRUGS TO TREAT RADIATION EXPOSURE	2021/06/02
2021/03828	METHODS, APPARATUS AND MACHINE-READABLE MEDIUMS RELATED TO WIRELESS ACCESS IN COMMUNICATION NETWORKS	2021/06/03
2021/03844	CRYSTALLINE FORMS AND SALT FORMS OF A KINASE INHIBITOR	2021/06/04
2021/03845	NANONETS FOR REMOVAL OF CONTAMINANTS FROM AQUEOUS SOLUTIONS, KITS THEREFOR AND METHODS OF THEIR USE	2021/06/04
2021/03852	LIQUID CREAMER	2021/06/04
2021/03857	REGULAR CODED BIN REDUCTION FOR COEFFICIENT DECODING USING THRESHOLD AND RICE PARAMETER	2021/06/04
2021/03901	CONTROL SEARCH SPACE OVERLAP INDICATION	2021/06/07
2021/03914	CXCR7 INHIBITORS FOR THE TREATMENT OF CANCER	2021/06/07
2021/03940	WATER SOLUBLE SILICON-CONTAINING GRANULATE	2021/06/08
2021/03990	ENTERAL FEEDING DEVICES AND RELATED METHODS OF USE	2021/06/10
2021/04080	METHOD FOR PRODUCING HALOAMINES AND HALOAMINE SOLUTIONS	2021/06/14
2021/04154	AUTOMATED UPDATING OF GEOLOGICAL MODEL BOUNDARIES FOR IMPROVED ORE EXTRACTION	2021/06/17
2021/04200	SUBSTITUTED 3-((3-AMINOPHENYL)AMINO)PIPERIDINE-2,6-DIONE COMPOUNDS, COMPOSITIONS THEREOF, AND METHODS OF TREATMENT THEREWITH	2021/06/18

Application Number	Patent Title	Filing Date
2021/04430	UPDATING INFUSION PUMP DRUG LIBRARIES AND OPERATIONAL SOFTWARE IN A NETWORKED ENVIRONMENT	2021/06/25
2021/04662	METHOD FOR MANUFACTURING OF STAINLESS STEEL STRIPS	2021/07/05
2021/04670	METHODS FOR PRODUCING C2 TO C5 PARAFFINS USING A HYBRID CATALYST COMPRISING GALLIUM METAL OXIDE	2021/07/05
2021/04678	COMPOSITIONS AND METHODS FOR TREATING, PREVENTING OR REVERSING AGE-ASSOCIATED INFLAMMATION AND DISORDERS	2021/07/05
2021/04692	A METHOD OF EXECUTING A SERVICE FOR A SERVICE CONSUMER, AS WELL AS A CORRESPONDING NETWORK NODE AND A COMPUTER PROGRAM PRODUCT	2017/12/04
2021/04704	PHARMACEUTICAL COMPOSITION	2021/07/06
2021/04748	ZIRCONIA-BASED AQUEOUS NP-DISPERSION FOR USE IN COATING FILTER SUBSTRATES	2021/07/07
2021/04780	MYOSTATIN SIGNAL INHIBITOR	2021/07/08
2021/05221	NOBLE METAL CATALYSTS AND PROCESSES FOR REFORMING OF METHANE AND OTHER HYDROCARBONS	2021/07/23
2021/05222	PROCESSES AND SYSTEMS FOR REFORMING OF METHANE AND LIGHT HYDROCARBONS TO LIQUID HYDROCARBON FUELS	2021/07/23
2021/05412	ORODISPERSIBLE TABLET	2021/07/29
2021/05573	DEBLOCKING FILTER FOR SUB-PARTITION BOUNDARIES CAUSED BY INTRA SUB-PARTITION CODING TOOL	2021/08/06
2021/05742	MODULATORS OF MALAT1 EXPRESSION	2021/08/04
2021/05785	USER EQUIPMENT AND SYSTEM PERFORMING TRANSMISSION AND RECEPTION OPERATIONS	2021/08/13
2021/06095	PGM CONVERTING PROCESS AND JACKETED ROTARY CONVERTER	2021/08/24
2021/06185	MODELING TROPICAL CYCLONE SURFACE FIELDS FOR IMPACT ASSESSMENT	2021/08/26
2021/06229	MANAGEMENT SYSTEM AND METHOD	2021/08/26
2021/06330	A SMART SECURITY BLIND	2021/08/30
2021/07049	AN IMPLANTABLE ELECTRONIC	2021/09/21

Application Number	Patent Title	Filing Date
2021/07427	DEVICE AND ENDOPROSTHESIS SWITCH ASSEMBLY WITH DRIVE SYSTEM AND METHOD FOR DRIVING A SWITCH	2021/10/01
2021/07444	NLRP3 INFLAMMASOME INHIBITORS	2021/10/04
2021/07585	DEFLECTOR FOR VEHICLE	2021/10/08
2021/07808	CELL CULTURE MEDIUM FOR EUKARYOTIC CELLS	2021/10/14
2021/07897	A WASTE MANAGEMENT SYSTEM	2021/10/18
2021/08138	MULTI-FACTOR AUTHENTICATION	2021/10/22
2021/08139	HINGE STRUCTURE AND ELECTRONIC DEVICE INCLUDING THE SAME	2021/10/22
2021/09043	CHANGEOVER SWITCH	2021/11/15
2022/01789	SOLID ORAL DOSAGE FORM COMPRISING NAPROXEN AND VITAMIN B6	2022/02/10
2022/02621	FABRIC CARE COMPOSITIONS HAVING IMPROVED MICROBIOLOGICAL ROBUSTNESS AND METHODS FOR THE SAME	2022/03/03
2022/02809	ROTARY ENGINE, PARTS THEREOF, AND METHODS	2022/03/08
2022/03786	A CONTINUOUS FLOW SYNTHESIS METHOD FOR THE MANUFACTURE OF ISONIAZID	2022/04/01
2022/03981	EARLY MANAGEMENT AND PREVENTION OF SEPSIS AND SEPSIS-LIKE SYNDROMES	2022/04/07
2022/04162	PROTEIN-MACROMOLECULE CONJUGATES AND METHODS OF USE THEREOF	2022/04/12
2022/04895	MOORING ROBOT	2022/05/04
2022/05218	KRAS G12C INHIBITORS	2022/05/11
2022/05486	NICOTINAMIDE COMPOUND AND HERBICIDAL COMPOSITION COMPRISING COMPOUND	2022/05/18
2022/05493	FLUORESCENT MATERIAL, AND PREPARATION METHOD THEREOF AND USE THEREOF	2022/05/18
2022/05586	CAPACITIVE POWER TRANSMISSION CABLE	2022/05/20
2022/05644	DIVERSE ANTIGEN BINDING DOMAINS, NOVEL PLATFORMS AND OTHER ENHANCEMENTS FOR CELLULAR THERAPY	2022/05/23
2022/05788	GEL STEMMING DELIVERY SYSTEM	2022/05/25
2022/05866	CONTACTING SEAL ARRANGEMENT FOR LOW AND HIGH PRESSURE APPLICATIONS	2022/05/26
2022/05925	MAGNETIC ASSEMBLIES AND	2022/05/27

Application Number	Patent Title	Filing Date
	PROCESSES FOR PRODUCING OPTICAL EFFECT LAYERS COMPRISING ORIENTED NON-SPHERICAL MAGNETIC OR MAGNETIZABLE PIGMENT PARTICLES	
2022/05949	PRMT5 INHIBITORS	2022/05/27
2022/06071	PRMT5 INHIBITORS	2022/05/31
2022/06531	STEEL SHEET FOR CAN AND MANUFACTURING METHOD THEREOF	2022/06/13
2022/07332	PROCESS FOR PURIFICATION OF PRODUCTS	2022/07/01
2022/07389	IMPROVEMENTS IN NEEDLE-FREE DELIVERY	2022/07/04
2022/07667	SULFONIMIDAMIDE COMPOUNDS AS NLRP3 MODULATORS	2022/07/11
2022/07674	TEMPLATE-BASED EXCERPTING AND RENDERING OF MULTIMEDIA PERFORMANCES	2022/07/11
2022/07717	PRESSURISED METERED DOSE INHALERS COMPRISING A BUFFERED PHARMACEUTICAL FORMULATION	2022/07/12
2022/07920	METHOD AND APPARATUS FOR REALIZING AN ASEPTIC CONNECTION BETWEEN A VALVE UNIT AND A TANK CONTAINER	2022/07/15
2022/08034	MAIZE EVENT DP-056113-9 AND METHODS OF USE THEREOF	2022/07/19
2022/08104	VALVE WITH LOAD CELL	2022/07/20
2022/08111	PRESSURISED METERED DOSE INHALERS COMPRISING A BUFFERED PHARMACEUTICAL FORMULATION	2022/07/20
2022/08159	MATRIPTASE AND U-PLASMINOGEN ACTIVATOR SUBSTRATES AND OTHER CLEAVABLE MOIETIES AND METHODS OF USE THEREOF	2022/07/21
2022/08160	MATRIX METALLOPROTEASE-CLEAVABLE AND SERINE PROTEASE CLEAVABLE SUBSTRATES AND METHODS OF USE THEREOF	2022/07/21
2022/08171	PROCESS FOR THE PRODUCTION OF SYNTHESIS GAS	2022/07/21
2022/08291	DEWATERING SYSTEM	2022/07/25
2022/08343	DAPTOMYCIN FORMULATION	2022/07/26
2022/08402	CATALYST SEPARATION PROCESS	2022/07/27
2022/08456	COMBINATION OF A CAP FOR A CONTAINER AND A NECK OF THE	2022/07/28

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	CONTAINER	
2022/09575	HEAT TOLERANCE OR DRYING TOLERANCE IMPROVING AGENT, SALT TOLERANCE IMPROVING AGENT, ACTIVITY IMPROVING AGENT FOR PLANT	2022/08/26
2022/09690	THREE WAY VALVE CONTROLLED SPRAYING SYSTEM	2022/08/30
2022/09731	METHODS AND APPARATUSES FOR SMS DELIVERY	2022/08/31
2022/09783	A HOOD FOR HUMIDIFYING AIR ENTERING INTO A TRACHEOSTOMY VALVE	2022/09/01
2022/09969	METHOD AND NETWORK ENTITY FOR SERVICE API PUBLISHING	2022/09/07
2022/10694	TRACTION CONTROL DURING LOADING OPERATIONS OF A MINING MACHINE	2022/09/27
2022/10696	AUTONOMOUS LOADING OPERATIONS OF A MINING MACHINE	2022/09/27
2022/11168	FRAGRANCE COMPOSITION	2022/10/12
2022/11738	HIGH-THROUGHPUT LABEL-FREE ENZYMIC BIOASSAYS USING AUTOMATED DESI-MS	2022/10/27
2022/11792	INTERNAL HYDROFORMING METHOD FOR MANUFACTURING HEAT PIPE WICKS	2022/10/28
2022/11853	INTERNAL HYDROFORMING METHOD FOR MANUFACTURING HEAT PIPE WICKS UTILIZING A HOLLOW MANDREL AND SHEATH	2022/10/31
2022/11888	REPORTING BEAM FAILURE	2022/11/01
2022/12244	SINGLE-SERVE CAPSULE FOR PREPARING ALCOHOLIC BEER	2022/11/09
2022/12247	SYSTEM AND PROCESS FOR STARTING UP AN ELECTROLYTIC CELL	2022/11/09
2022/12406	SINGLE-SERVE CAPSULE FOR PREPARING A BEER-LIKE BEVERAGE	2022/11/14
2022/12624	VIDEO ENCODER, VIDEO DECODER, METHODS FOR ENCODING AND DECODING AND VIDEO DATA STREAM FOR REALIZING ADVANCED VIDEO CODING CONCEPTS	2021/05/21
2022/12716	METHOD AND SYSTEM FOR TENSIONING A HYPERSTATIC SYSTEM	2022/11/22
2022/13100	1-AMINO-1-CYCLOPROPANECARBOXYLIC	2022/12/02

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	ACID MIXTURES AND USES THEREOF	
2023/00364	ANTI-AGEING ADDITIVES FOR BITUMEN	2023/01/09
2023/00443	COMMUNICATION SYSTEM, COMMUNICATION METHOD, AND COMPUTER STORAGE MEDIUM	2023/01/10
2023/00764	FUEL ADDITIVES FOR MITIGATING INJECTOR NOZZLE FOULING AND REDUCING PARTICULATE EMISSIONS	2023/01/17
2023/00928	OPTICALLY TRANSPARENT ELECTROMAGNETIC SHIELDING ASSEMBLY	2023/01/20
2023/01069	METHOD AND SYSTEM FOR ON-SITE TESTING OF AN OFF-ROAD VEHICLE INTERVENTION SYSTEM	2023/01/25
2023/01490	IMAGE ENCODING/DECODING METHOD AND DEVICE	2023/02/06
2023/02485	HIGH THROUGHPUT SEQUENCING WITH SEMICONDUCTOR-BASED DETECTION	2023/02/24
2023/03510	SYSTEM AND METHOD FOR MANAGING OWNERSHIP AND DELIVERY OF ITEMS	2023/03/13
2023/04148	PREPARATION OF BENZIMIDAZOLONE DERIVATIVES AS NOVEL DIACYLGLYCERIDE O-ACYLTRANSFERASE 2 INHIBITORS	2023/04/04
2023/04337	HORTICULTURAL MODULE, ASSOCIATED GULLY ASSEMBLY, AND MOVING GULLY SYSTEM FORMED THEREFROM	2023/04/12
2023/04719	INTRAOCULAR LENS, INSERTION INSTRUMENT THEREFOR, ASSEMBLY PROVIDED THEREWITH, AND METHOD FOR MANUFACTURE	2023/04/24
2023/04909	METHOD FOR PRODUCING RADIOACTIVE ZIRCONIUM COMPLEX	2023/05/02
2023/05051	BRAKE SYSTEM FOR USE IN SHAFT AND INCLINED CONVEYOR SYSTEMS	2023/05/08
2023/05335	FINGERPRINT OF COMPOUND FEED ADDITIVE AND CONSTRUCTION METHOD THEREOF	2023/05/16
2023/05345	PROCESS FOR PREPARING MICROCAPSULES	2023/05/16
2023/05437	MOULD AND METHOD FOR MOULDING DOUBLE CURVED	2023/05/18

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	ELEMENTS OF ELASTOMERIC MATERIAL	
2023/05477	A METHOD FOR EDGE-FORMING CELLULOSE PRODUCTS IN A FORMING MOULD SYSTEM, AND A FORMING MOULD SYSTEM FOR FORMING EDGES OF CELLULOSE PRODUCTS	2023/05/19
2023/05516	MINING MACHINE AND METHOD FOR CONTROLLING MOVEMENT OF A MOVABLE ELEMENT OF A MINING MACHINE	2023/05/22
2023/05577	DESIGN AND MANUFACTURING OF A SINGLE PIECE ROCKET ENGINE	2023/05/23
2023/05602	LETTUCE PLANT RESISTANT TO DOWNY MILDEW AND RESISTANCE GENE	2023/05/24
2023/05662	OPTICAL DISTRIBUTION NETWORK, OPTICAL NETWORK SYSTEM, SPLITTER, AND METHOD FOR IDENTIFYING PORT OF SPLITTER	2023/05/25
2023/05690	SUPPRESSION-REPLACEMENT GENE THERAPY	2023/05/26
2023/05701	METHOD OF AND ANALYSER FOR THE OPTICAL ANALYSIS OF A LIQUID CONTAINING A DISSOLVED GAS	2023/05/26
2023/05704	CONJUGATED FUMONISIN TO PROTECT AGAINST MYCOTOXICOSIS	2023/05/26
2023/05759	CONJUGATED AFLATOXIN B TO PROTECT AGAINST MYCOTOXICOSIS	2023/05/29
2023/06002	REACTOR FOR CARRYING OUT A CHEMICAL REACTION	2023/06/06
2023/06004	SYNERGISTIC HERBICIDAL COMPOSITIONS OF METAMIFOP	2023/06/06
2023/06118	TANK LEVEL INDICATOR	2023/06/09
2023/06127	AEROSOL-GENERATING SYSTEM WITH IMPROVED ELECTRICAL CONNECTOR	2023/06/09
2023/06144	INHALABLE POWDER COMPRISING VORICONAZOLE IN CRYSTALLINE FORM	2023/06/09
2023/06153	METHOD FOR MANUFACTURING AN INHALABLE POWDER COMPRISING VORICONAZOLE	2023/06/09
2023/06172	BENZOAZEPINE ANALOGS AS INHIBITING AGENTS FOR BRUTON'S TYROSINE KINASE	2023/06/12
2023/06237	RECOMBINANT NUCLEIC ACIDS ENCODING COSMETIC PROTEIN(S)	2023/06/14

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	FOR AESTHETIC APPLICATIONS	
2023/06243	COMPOSITION OF FLUROCLORIDONE IN MICROEMULSION FORM	2023/06/14
2023/06249	USE OF VACCINE COMPOSITIONS BASED ON SARS-COV-2 RECEPTOR BINDING DOMAIN IN DELIVERING PROTECTIVE IMMUNITY	2023/06/14
2023/06370	RECTAL ANAESTHESIA DELIVERY DEVICE AND METHOD	2023/06/19
2023/06381	PROCESSES FOR THE PREPARATION OF 4-{8-AMINO-3-[(2S)-1-(BUT-2-YNOYL)-PYRROLIDIN-2-YL]IMIDAZO[1,5-A]-PYRAZIN-1-YL}N-(PYRIDIN-2-YL)-BENZAMIDE	2023/06/20
2023/06467	WEAR PART MONITORING	2023/06/22
2023/06485	PEPTIDES FOR THE TREATMENT OF RESPIRATORY INFECTIONS OF VIRAL ORIGIN	2023/06/22
2023/06503	COMPOSITIONS AND METHODS FOR IMMUNOTHERAPY	2023/06/23
2023/06512	FEEDSTOCK PROCESSING METHOD AND SYSTEM	2023/06/23
2023/06513	SATELLITE WITH DEPLOYABLE OPTICAL ASSEMBLY	2023/06/23
2023/06522	PANE WITH ELECTRIC CONNECTION ELEMENT	2023/06/23
2023/06555	METHODS OF IMPROVING STRESS TOLERANCE, GROWTH AND YIELD IN PLANTS	2023/06/26
2023/06563	A FILTER PLATE ASSEMBLY FOR A FILTER PRESS, AND SUCH A FILTER PRESS	2023/06/26
2023/06571	BI-FUNCTIONAL LINEAR FUSION COLLAGEN-LOCALIZED IMMUNOMODULATORY MOLECULES AND METHODS THEREOF	2023/06/26
2023/06641	ANTIBODIES BINDING TO ILT4	2023/06/28
2023/06762	ADHESIVE COMPRISING COPOLYMER HAVING REPEATING UNIT OF AMIDE GROUP AND CARBOXYL GROUP AND/OR AMMONIUM SALT THEREOF, AND WOOD-BASED PANEL USING SAME	2023/06/30
2023/06763	RECEIPT INFORMATION TRANSMISSION SYSTEM AND METHOD USING MOBILE TERMINAL	2023/06/30
2023/06786	DIPPER LATTICE FRAME AND WEARABLE STRUCTURAL LINER	2023/07/03

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2023/06813	SYSTEM FOR CONTROLLING AND MONITORING ICE MAKING MACHINES	2023/07/04
2023/06868	MODULATING EXPRESSION OF POLYPEPTIDES VIA NEW GENE SWITCH EXPRESSION SYSTEMS	2023/07/06
2023/06902	INTEGRATED METHOD FOR THE DECADMIATION OF PHOSPHORIC ACID	2023/07/07
2023/06905	WORK MACHINE DIPPER WITH IMPROVED DIG AND PAYLOAD PERFORMANCE	2023/07/07
2023/06907	RECOVERY METHOD OF RA-226, PRODUCTION METHOD OF RA-226 SOLUTION, AND PRODUCTION METHOD OF AC-225 SOLUTION	2023/07/07
2023/06949	PROCESSES TO IMPROVE CATALYTIC METAL ACCOUNTABILITY IN HYDROFORMYLATION PROCESSES	2023/07/07
2023/06980	A Door Frame Assembly and Associated Method	2023/07/11
2023/07020	SELECTIVE CDK4/6 INHIBITOR CANCER THERAPEUTICS	2023/07/12
2023/07021	SELECTIVE CDK4/6 INHIBITOR CANCER THERAPEUTICS	2023/07/12
2023/07055	ELECTRONIC DEVICE AND METHOD FOR CONTROLLING ELECTRONIC DEVICE	2023/07/13
2023/07058	HINGE STRUCTURE AND ELECTRONIC DEVICE COMPRISING SAME	2023/07/13
2023/07103	SHAPED TOILET CLEANER BLOCK	2023/07/14
2023/07130	FOLDABLE ELECTRONIC DEVICE INCLUDING DISPLAY PROTECTION STRUCTURE	2023/07/17
2023/07144	WEAR PART REMOVAL SYSTEM	2023/07/17
2023/07156	METHOD AND SYSTEM FOR DETECTING A LOOSENED JOINT OF A DRILL STRING	2023/07/17
2023/07174	MTORC MODULATORS AND USES THEREOF	2023/07/18
2023/07180	DEBRIS PATH FOR MINING TRACK UTILIZING A SEALED JOINT	2023/07/18
2023/07220	INORGANIC COMPOSITION AND FIBERS AND FLAKES THEREOF	2023/07/19
2023/07221	DELIVERY MANAGEMENT SYSTEM AND DELIVERY MANAGEMENT METHOD	2023/07/19
2023/07222	FIXING SYSTEM OF A WEAR ELEMENT IN A SUPPORT ELEMENT OF AN EARTH MOVING MACHINE	2023/07/19

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	THROUGH A PIN, AND A RETAINER	
2023/07223	COMPOSITION FOR THE NUTRITION OR DRINK OF A NON-HUMAN ANIMAL	2023/07/19
2023/07268	IMAGE CAPTURING ASSEMBLY	2023/07/20
2023/07271	IMPROVED JUICER	2023/07/20
2023/07272	DETECTION AND RECOVERY OF METALS FROM ORE	2023/07/20
2023/07309	AN EVAPORATOR PLATE HEAT EXCHANGER	2023/07/21
2023/07310	AUTOMATIC PHAGOGRAM	2023/07/21
2023/07312	PROCESS TO MANUFACTURE AN INTERCONNECTED STACK OF THERMOPLASTIC FRAMES	2023/07/21
2023/07340	PLANAR STATOR CONFIGURATIONS FOR AXIAL FLUX MACHINES	2023/07/24
2023/07367	INTRADIALYTIC USE OF SODIUM NITRITE	2023/07/25
2023/07368	ANTIBODY AGAINST HUMAN IL-4RA AND USE THEREOF	2023/07/25
2023/07404	ANTI-MET ANTIBODIES AND USES THEREOF	2023/07/25
2023/07450	SLIDER FOR SUPPORTING A TRACK	2023/07/26
2023/07462	ELECTRODE MANUFACTURING METHOD AND MANUFACTURING DEVICE, AND ELECTRODE OBTAINED THEREWITH	2023/07/26
2023/07466	CONSUMER PRODUCT	2023/07/26
2023/07542	SYSTEM FOR MONITORING FAULTS IN A MEDIUM- AND/OR HIGH-VOLTAGE POWER LINE	2023/07/28
2023/07543	FAUSTOVIRUS CAPPING ENZYME, MRNA CAPPING ENZYME COMPOSITIONS, METHODS AND KITS	2023/07/28
2023/07545	TUNNEL STRUCTURE	2023/07/28
2023/07546	METHOD FOR CLEANING A COMPOSITION FOR CONVEYING FLOATING OBJECTS OF A HYDRAULIC CONVEYOR OF SUCH OBJECTS, HYDRAULIC CONVEYOR AND FACILITY EQUIPPED WITH SUCH A CONVEYOR	2023/07/28
2023/07547	ELECTRONIC DEVICE	2023/07/28
2023/07548	NON-ELECTRIC GRAVITY FEED PELLET STOVE	2023/07/28
2023/07574	CLOSED CENTER HOIST VALVE WITH SNUBBING	2023/07/31
2023/07577	ANTENNA AND ELECTRONIC APPARATUS COMPRISING SAME	2023/07/31

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2023/07579	MOLTEN SALT FISSION REACTOR WITH INTEGRATED PRIMARY EXCHANGER AND ELECTROGENERATOR COMPRISING SUCH A REACTOR	2023/07/31
2023/07853	NOVEL CITRATE SYNTHASE VARIANT AND METHOD FOR PRODUCING O-ACETYL-L-HOMOSERINE OR L-METHIONINE USING SAME	2023/08/11
2023/08144	NEUROTOXIN COMPOSITIONS FOR USE IN TREATING HEADACHE	2023/08/23
2023/08196	PACKAGING FOR ROD-SHAPED PRODUCTS	2023/08/24
2023/08771	TWO-STEP SYNTHESIS OF PYRROLE COMPOUNDS FROM FURAN COMPOUNDS	2023/09/14
2023/09145	ENERGY STORAGE DEVICE	2023/09/28
2023/09246	METHOD FOR MONITORING THE QUALITY CHARACTERISTICS OF A PULP BALE IN A BALING LINE	2023/10/03
2023/09346	GAS ATOMIZATION OF MOLTEN STEEL	2023/10/06
2023/09348	GAS ATOMIZATION OF MOLTEN STEEL	2023/10/06
2023/09349	INSTALLATION FOR THE PRODUCTION OF METAL POWDERS	2023/10/06
2023/09350	GAS ATOMIZER	2023/10/06
2023/09352	METHOD OF MANUFACTURING OF A STEEL PART	2023/10/06
2023/09410	PROCESS FOR COOLING AND TRANSPORTING METAL POWDER	2023/10/09
2023/09451	STEEL SHEET AND HIGH STRENGTH PRESS HARDENED STEEL PART AND METHOD OF MANUFACTURING THE SAME	2023/10/10
2023/09452	STEEL SHEET AND HIGH STRENGTH PRESS HARDENED STEEL PART AND METHOD OF MANUFACTURING THE SAME	2023/10/10
2023/09498	CENTRING FOR SUPPORTING AND CONSOLIDATING AN EXCAVATION, AND METHOD FOR INSTALLING SUCH A CENTRING INSIDE AN EXCAVATION	2023/10/11
2023/09916	STERILIZED MULTI-COMPONENT COMPOSITION FOR REMOVAL OF PARTICLES	2023/10/24
2023/10156	PNEUMATIC SYSTEM FOR AN ANAESTHESIA SYSTEM	2023/10/31
2023/10332	METHOD FOR MANUFACTURING	2023/11/06

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	DIRECT REDUCED IRON AND DRI MANUFACTURING EQUIPMENT	
2023/10333	OPERATING METHOD OF A NETWORK OF PLANTS	2023/11/06
2023/10355	METHOD FOR MANUFACTURING DIRECT REDUCED IRON AND DRI MANUFACTURING EQUIPMENT	2023/11/07
2023/10357	A METHOD FOR MANUFACTURING DIRECT REDUCED IRON	2023/11/07
2023/10358	DEVICE AND METHOD FOR GRINDING MATERIAL TO BE GROUND	2023/11/07
2023/10407	A METHOD FOR MANUFACTURING DIRECT REDUCED IRON	2023/11/08
2023/10409	OPERATING METHOD OF A NETWORK OF PLANTS	2023/11/08
2023/10412	MEDICAL PENETRATION AND DRAINAGE FOR GLAUCOMA TREATMENT	2023/11/08
2023/10442	CONTAINER CLOSURE	2023/11/09
2023/10476	A METHOD FOR MANUFACTURING DIRECT REDUCED IRON	2023/11/10
2023/10524	TOILET HAVING A SPECIFIC INNER BOWL SHAPE	2023/11/13
2023/10526	A METHOD FOR MANUFACTURING DIRECT REDUCED IRON	2023/11/13
2023/10563	METHOD FOR GRINDING MATERIAL TO BE GROUND	2023/11/14
2023/10564	NEW DRY POWDER COMPOSITION OF TIOTROPIUM FOR INHALATION	2023/11/14
2023/10565	METHOD FOR PRODUCING A STEEL PART AND STEEL PART	2023/11/14
2023/10843	CHROMENE DERIVATIVES AS INHIBITORS OF TCR-NCK INTERACTION	2023/11/24
2023/11076	DESIGN METHOD FOR CONNECTION SHEET, CONNECTION SHEET, ENERGY STORAGE DEVICE AND ELECTRIC DEVICE	2023/11/30
2024/00121	SYNERGY BETWEEN MIXTURES OF ISOTHIOCYANATES AND COMMERCIAL FUNGICIDES	2024/01/02
2024/00124	PHARMACEUTICAL COMPOSITION OF NON-ENVELOPED VIRUS	2024/01/02
2024/00253	MODULAR, TRANSPORTABLE CLEAN HYDROGEN-AMMONIA MAKER	2024/01/08
2024/00529	ROOM-TEMPERATURE AND AMBIENT-PRESSURE SUPERCONDUCTING CERAMIC AND METHODS FOR PRODUCING	2024/01/16

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	THE SAME	
2024/00654	FIRE ENCLOSURE	2024/01/18
2024/00798	IMPROVEMENTS IN OR RELATING TO ORGANIC COMPOUNDS	2024/01/23
2024/01073	PROCESS OF MANUFACTURING A LIQUID BEER CONCENTRATE	2024/02/01
2024/01098	AUTOMATIC SYSTEM AND METHOD FOR EXCHANGING, STORING AND LUBRICATING TRICONE BITS	2024/02/02
2024/01143	FLAME RESISTANT FABRICS	2024/02/05
2024/01218	SYSTEMS AND METHODS FOR RECYCLING WATER	2024/02/07
2024/01244	REINFORCEMENT SYSTEM AND METHOD FOR SUPPORTING STACKED BOXES AND CONTAINERS	2024/02/08
2024/01304	SCREEN INTAKE	2024/02/12
2024/01306	METHOD FOR DETERMINING A LOCAL TEMPERATURE ANOMALY IN A FLUIDIZED BED OF A REACTOR, METHOD FOR CALIBRATING A NUMERICAL MODEL OF A FLUIDIZED BED OF A REACTOR, METHOD FOR ESTIMATING RISK OF FLUIDIZED BED REACTOR BED SINTERING, METHOD OF CONTROLLING A FLUIDIZED BED REACTOR, AS WELL AS A REACTOR	2024/02/12
2024/01338	WELDED ELECTROCHEMICAL REACTOR AND METHOD FOR THE PRODUCTION THEREOF	2024/02/13
2024/01372	SUPRAMOLECULAR AMINO ACID OR SALT THEREOF, AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF	2024/02/14
2024/01422	SYSTEM AND METHOD TO PERFORM DISSIMILAR OPERATIONS IN A SINGLE MACHINE	2024/02/16
2024/01425	COMPOSITION OF ALUMINIUM OXIDE AND CERIUM OXIDE	2024/02/16
2024/01491	BODY MILK	2024/02/20
2024/01543	SYSTEMS AND METHODS FOR ASSET AUTHENTICATION AND MANAGEMENT	2024/02/21
2024/01565	IMMUNOTHERAPY METHODS FOR PATIENTS WHOSE TUMORS CARRY A HIGH PASSENGER GENE MUTATION BURDEN	2024/02/22
2024/01600	MINING VEHICLE CALIBRATION	2024/02/23

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2024/01620	FABRICATION METHOD FOR STEEL THIN-WALLED TAILOR-WELDED PART AND HOT-STAMPED PART PREPARED USING TAILORED-WELDED PART	2024/02/23
2024/01680	ANTIGEN-BINDING MOLECULES AND USES THEREOF	2024/02/27
2024/01688	POWER SYSTEM AND TRAVELING POWER STATION	2024/02/27
2024/01728	REDUCED GRAPHENE OXIDE DECORATED WITH ZINC AND COPPER OXIDES, METHOD OF PREPARATION THEREOF, AND USE THEREOF	2024/02/28
2024/01774	EXCITER APPARATUS	2024/02/29
2024/01775	METHOD OF OPERATING A HEAT RELEASING REACTOR, A HEAT RELEASING REACTOR AND COMPUTATION SYSTEM FOR A HEAT RELEASING REACTOR	2024/02/29
2024/01777	SYSTEMS AND METHODS FOR FLUID FLOW BASED RENEWABLE ENERGY GENERATION	2024/02/29
2024/01796	SYSTEM FOR AND METHOD OF LOCATING LOST PETS/ANIMALS	2024/03/01
2024/01813	FUSION PROTEIN CONTAINING ANTI-TIGIT ANTIBODY AND TGF- β R, AND PHARMACEUTICAL COMPOSITION AND USE THEREOF	2024/03/01
2024/01837	DEVICE FOR CONVERSION OF WAVE ENERGY INTO ELECTRICAL ENERGY	2024/03/04
2024/01841	PYRIDO RING COMPOUND, PREPARATION METHOD THEREFOR, INTERMEDIATE, COMPOSITION, AND APPLICATION	2024/03/04
2024/01881	MOVABLE REFRIGERATION HOUSE PROTECTION DEVICE	2024/03/05
2024/01921	SOFTWARE SYSTEM WITH ADJUSTABLE PARAMETERS	2024/03/07
2024/01935	A DRONE FOR USE WITHIN A PIPE	2024/03/07
2024/01936	FLOOD FORECASTING METHOD BASED ON FLOOD SEASON STAGES	2024/03/07
2024/01984	IMPROVED EXECUTION OF AN OPERATION IN A SECURE ELEMENT	2024/03/08
2024/01990	LINEAR-ROTARY CAPSULE ACTUATOR FOR NUCLEAR SOURCE HOLDER	2024/03/08
2024/02037	METHOD FOR CONTROLLING AN AMMONIA PLANT	2024/03/12

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2024/02043	EXHAUST SYSTEM AND COMPONENTS THEREOF	2024/03/12
2024/02068	DOSAGE REGIMES FOR THE ADMINISTRATION OF GLUCAGON-LIKE-PEPTIDE-2 (GLP-2) ANALOGUES	2024/03/13
2024/02086	PRODRUG OF PYRROLIDONE DERIVATIVES AS GLUCOKINASE ACTIVATOR	2024/03/13
2024/02141	PACIFYING PERSONAL PROTECTIVE DEVICE	2024/03/14
2024/02157	A SOLID BIO-PESTICIDAL COMPOSITION COMPRISING OF ELEMENTAL SULPHUR AND AZADIRACHTIN	2024/03/18
2024/02161	BISPECIFIC ANTIBODY COMPRISING A HETERODIMER BASED ON MHC PROTEINS	2024/03/18
2024/02186	A KIND OF LIGHT-BLOCKING THREE-LITER BAG	2024/03/18
2024/02197	PHARMACEUTICAL COMPOSITION CONTAINING PEGYLATED EXENATIDE VARIANT AND USE THEREOF	2024/03/18
2024/02214	SPUTUM SUCTION DEVICE FOR RESPIRATORY MEDICINE DEPARTMENT	2024/03/19
2024/02217	FLEXIBLE SEED EXTENSION FOR HASH TABLE GENOMIC MAPPING	2024/03/19
2024/02225	DIE-CAST ALUMINUM ALLOY FOR NEW ENERGY VEHICLE AND MANUFACTURING METHOD THEREFOR	2024/03/19
2024/02239	IRAK4 DEGRADATION AGENT, AND PREPARATION METHOD THEREFOR AND USE THEREOF	2024/03/19
2024/02240	REINFORCED CORE MATERIAL FOR FAN BLADE AND PREPARATION METHOD THEREFOR	2024/03/19
2024/02256	A CHINESE MEDICINE OPHTHALMOLOGY EXAMINATION DEVICE FOR CONVENIENTLY ADJUSTING THE ANGLE	2024/03/20
2024/02264	METHOD FOR PULPING BY CATALYZING DISSOCIATION OF STRAW FIBERS WITH IRON-MANGANESE-LOADED CERIUM OXIDE/CARBON DOTS, PULP AND APPLICATION THEREOF	2024/03/20
2024/02279	FORMING PROCESS OF ALUMINUM ALLOY FRAME FOR NEW ENERGY VEHICLE	2024/03/20

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2024/02335	SEMI-FINISHED PRODUCT FOR PRODUCING A PHOTO BOOK, SET FOR PRODUCING A PHOTO BOOK, PHOTO BOOK AND A METHOD FOR PRODUCING A PHOTO BOOK.	2024/03/22
2024/02337	AGENT FOR TREATING INFECTIONS CAUSED BY MULTIDRUG-RESISTANT BACTERIA	2024/03/22
2024/02346	METHOD AND DEVICE FOR CREATING A POLYSYSTEM FOR MIXING SEEDS AND FERTILIZERS	2024/03/22
2024/02414	THRUST DEVICE	2024/03/26
2024/02415	A TINCTURE FOR TREATING BURNS AND SCALDS AND A PREPARATION METHOD THEREOF	2024/03/26
2024/02480	REMEDICATION METHOD OF CONTAMINATED GROUNDWATER FOR IN-SITU LEACHING URANIUM MINES	2024/03/27
2024/02537	SOCKET	2024/04/02
2024/02548	APPARATUS FOR PROGRESSIVELY DRYING TEA WITH CIRCULATING AIR FROM HEAT PUMP	2024/04/02
2024/02579	A COMPOUND FENGSHINING GEL PATCH AND ITS PREPARATION METHOD	2024/04/03
2024/02587	DIAMOND COMPACT AND PREPARATION METHOD AND APPLICATION THEREOF	2024/04/03
2024/02616	METHOD AND SYSTEM FOR PROVIDING A SITE SPECIFIC FERTILIZER RECOMMENDATION	2024/04/04
2024/02623	BOREHOLE DEPTH LOGGING	2024/04/04
2024/02638	VEHICLE TO VEHICLE COLLISION AVOIDANCE SYSTEM AND METHOD	2024/04/05
2024/02639	Sustainable Digestive Aid	2024/04/05
2024/02660	CHARGING GUIDANCE SIGNAL ACQUISITION CIRCUIT, NEW ENERGY VEHICLE-MOUNTED CHARGING SOCKET, AND CHARGING PILE	2024/04/05
2024/02662	PLATE-SHAPED NUCLEAR FUEL ELEMENT AND METHOD OF MANUFACTURING THE SAME	2024/04/05
2024/02663	TEMPERATURE PROGRAMMABLE SMALL MOLECULES FOR THERMORESPONSIVE SMART WINDOWS AND APPLICATIONS THEREOF	2024/04/05
2024/02672	AN ARTIFICIALLY INTELLIGENT MULTI-MODE DEVICE AND SYSTEM FOR WIRELESS PHYSIOLOGICAL	2024/04/08

Application Number	Patent Title	Filing Date
	MONITORING INTEGRATED WITH HOLOGRAPHIC FEEDBACK	
2024/02677	WASTE ANESTHETIC GAS EXTRACTION DEVICE AND ANESTHETIC APPARATUS	2024/04/08
2024/02688	COAL PERMEATION-WETTING EXPERIMENT SYSTEM BASED ON SOLUTION IN-SITU PRESSURE INJECTION	2024/04/08
2024/02694	SOLAR ENERGY STORAGE AND POWER GENERATION SYSTEM	2024/04/08
2024/02707	ELECTROTHERMIC COMPOSITIONS AND RELATED COMPOSITE MATERIALS AND METHODS	2024/04/08
2024/02714	MANAGEMENT SYSTEM FOR REMOTELY SUPERVISING POST INTERNSHIP OF COLLEGE STUDENT	2024/04/09
2024/02715	RAIL VIBRATION AND NOISE REDUCTION DEVICE FOR URBAN RAIL TRANSIT TECHNICAL FIELD	2024/04/09
2024/02719	FLEXIBLE GRAPHITE POLAR PLATE PREPARATION DEVICE AND PREPARATION METHOD THEREFOR	2024/04/09
2024/02727	FINANCIAL INFORMATION ENRICHMENT FOR INTELLIGENT CREDIT DECISION MAKING	2024/04/09
2024/02730	INTERLEUKIN 2 CHIMERIC CONSTRUCTS WITH TARGETING SPECIFICITY TO INFLAMED TISSUES	2024/04/09
2024/02734	SCUBA KNIT UNDERWEAR FOR CHILDREN AND PREPARATION PROCESS THEREOF	2024/04/09
2024/02735	FABRIC DRYING DEVICE AND PROCESS FOR SMART SCHOOL UNIFORM PRODUCTION	2024/04/09
2024/02762	WELDING DEVICE FOR SHIP PARTS	2024/04/10
2024/02763	TRADITIONAL CHINESE MEDICINE COMPOSITION OF HOSTA FLOWER FOR TREATING RHINITIS	2024/04/10
2024/02768	A TRANSFER BED WITH AUXILIARY CARE STRUCTURE	2024/04/10
2024/02781	KNITTED FABRIC WITH TASSEL STRUCTURE AND KNITTING METHOD	2024/04/10
2024/02805	SPRAY DEODORIZING DEVICE FOR PIGSTY	2024/04/11
2024/02812	METHOD FOR ELIMINATING INFECTIOUS MYONECROSIS VIRUS OF SHRIMP IN AQUACULTURE WATER	2024/04/11

Application Number	Patent Title	Filing Date
2024/02840	BRIDGE BEAM BODY INSPECTION DEVICE	2024/04/12
2024/02845	FUNCTIONALIZED CARBON NANOTUBE/POLYURETHANE COMPOSITE MATERIAL AND PREPARATION METHOD THEREFOR	2024/04/12
2024/02860	ANTIPSYCHOTIC INJECTABLE EXTENDED-RELEASE COMPOSITION	2024/04/12
2024/02887	A CNN AND RBM TECHNIQUES COMBINED METHOD FOR ENHANCED CLASSIFICATION OF BREAST CANCER IMAGES	2024/04/15
2024/02888	GREEN IONIC OXYGEN DISINFECTANT AND PREPARATION METHOD AND APPLICATION THEREOF	2024/04/15
2024/02890	HIGH PRECISION CUTTING AND GRINDING INTEGRATED EQUIPMENT	2024/04/15
2024/02891	A METHOD OF CARBON REDUCTION IN SEWAGE TREATMENT	2024/04/15
2024/02914	METHOD AND SYSTEM FOR A FLOW-ISOLATED VALVE ARRANGEMENT AND A THREE-CHAMBER CYLINDER HYDRAULIC ARCHITECTURE	2024/04/15
2024/02932	SYSTEM AND METHOD FOR CASINO GAME	2024/04/16
2024/02947	SOAK DEVICE AND METHOD FOR LOW-MERCURY CATALYST PRODUCTION	2024/04/17
2024/02951	ECOLOGICAL AND EFFICIENT COMPREHENSIVE PLANTING AND BREEDING METHOD OF ZIZANIA LATIFOLIA-CHANNA ARGUS-PELODISCUS SINENSIS	2024/04/17
2024/02952	BACILLUS STERCORIS AND APPLICATION THEREOF	2024/04/17
2024/02960	STABILIZER SYSTEM FOR CONTROLLING TIPPING OF FURNITURE	2024/04/17
2024/02962	A PLANT TRANSPORT PRESERVATION DEVICE	2024/04/17
2024/02970	PHOTOELECTRIC WATER-PERMEABLE PAVEMENT UNDERGROUND WATER STORAGE AUTOMATION SYSTEM	2024/04/17
2024/02997	COMBINED DISPLAY STAND FOR OUTDOOR STAGE	2024/04/18

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2024/03001	METHOD FOR FERMENTING AGRICULTURAL WASTES BY USING MIXED STRAINS	2024/04/18
2024/03002	VISUAL DETECTION METHOD FOR BOVINE NOROVIRUS BASED ON RAA-CRISPRCAS12A AND APPLICATION THEREOF	2024/04/18
2024/03005	PNEUMATIC JACK	2024/04/18
2024/03011	A DUAL-FEED TRI-BAND MICROSTRIP PATCH ANTENNA DEVICE FOR 5G COMMUNICATION APPLICATIONS	2024/04/18
2024/03012	DMP PROTEIN, ENCODING GENE AND USE THEREOF	2024/04/18
2024/03045	CLOSING FORMING METHOD FOR LARGE VOLUME THIN-WALLED STEEL LINER	2024/04/19
2024/03046	INTELLIGENT ONLINE DIAGNOSIS SYSTEM FOR POWER TRANSFORMATION AND DISTRIBUTION EQUIPMENT	2024/04/19
2024/03047	INTUMESCENT FLAME RETARDANT MATERIAL AND APPLICATION THEREOF	2024/04/19
2024/03049	A WATER-ABSORBING FERTILIZER FOR HIGH-ALKALINE SANDY SOIL FOR PIGMENT CHILI PEPPERS AND ITS PREPARATION METHOD	2024/04/19
2024/03050	A PROSTHETIC LIMB WITH A GROUND STATE FEEDBACK DATA ACQUISITION SYSTEM	2024/04/19
2024/03051	PILE HOLDER CAPABLE OF MAINTAINING VERTICALITY OF PILE BODY AND OPERATING METHOD THEREOF	2024/04/19
2024/03053	AN ENGRAVING DEVICE USED IN ART DESIGN	2024/04/19
2024/03054	SLOPE DEFORMATION AND SOFT SOIL FOUNDATION SETTLEMENT PREDICTION METHOD BASED ON GA-BP NEURAL NETWORK	2024/04/19
2024/03055	IMMUNOCOMB DETECTION METHOD AND KIT FOR MONKEY 8 VIRUS ANTIBODY	2024/04/19
2024/03057	BIOLOGICAL AGENT OF BACILLUS AMYLOLIQUEFACIENS AND APPLICATION THEREOF IN PREVENTION AND TREATMENT OF SOIL-BORNE DISEASES OF SOLANUM TUBEROSUM	2024/04/19
2024/03085	APPARATUS AND METHOD FOR SUPPORTING A COLLAR REGION OF A BLAST HOLE DURING	2024/04/19

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	DRILLING	
2024/03086	SHORT-CONTACT REACTOR, AND SYSTEM AND METHOD FOR USING SAME IN PREPARATION OF ETHYLENE AND PROPYLENE FROM METHANOL	2024/04/19
2024/03093	PHENOLSULFONPHTHALEIN COMPOUND, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF IN HAIR DYE	2024/04/22
2024/03094	METHOD FOR THINNING FLOWERS AND FRUITS OF APPLE TREES BY USING CHEMICAL AGENTS	2024/04/22
2024/03095	HIGH-TEMPERATURE-RESISTANT ARAMID FABRIC CORE CONVEYOR BELT	2024/04/22
2024/03096	SANDBLASTING SPECIALIZED V-BELT WITH WEAR-RESISTANT TOP RUBBER AND APPLICATION THEREOF	2024/04/22
2024/03097	PRETREATMENT PRODUCTION LINE FOR RESOURCE UTILIZATION OF MECHANIZED RECYCLED RESIDUAL FILMS IN COTTON FIELDS	2024/04/22
2024/03098	AUXILIARY TEACHING DEVICE FOR CHINESE LANGUAGE AND LITERATURE	2024/04/22
2024/03099	INTELLIGENT UNDERWEAR SERVICE SYSTEM AND METHOD FOR OLDER PERSONS	2024/04/22
2024/03100	A SYSTEM FOR TRANSFER LEARNING-BASED SKIN CANCER DIAGNOSIS AND CLASSIFICATION	2024/04/22
2024/03130	TEST DEVICE FOR MONITORING EVOLUTION MODEL OF OVERLYING STRATA MOVEMENT IN STOPE WITH VARIABLE FACE LENGTH	2024/04/23
2024/03132	AN ECONOMIC AND EFFICIENT METHOD FOR DECOMPOSING ORGANIC DISPOSALS	2024/04/23
2024/03134	METHOD FOR DETERMINING CONTENT OF CHEMICAL COMPONENTS OF CHUANXIONG TEA TIAOSAN BY USING FINGERPRINT	2024/04/23
2024/03135	A BLADDER CANCER DETECTION KIT AND DETECTION METHOD	2024/04/23
2024/03136	A MOBILE GEOLOGICAL EXPLORATION DEVICE FOR MINERAL PROSPECTING	2024/04/23

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2024/03137	AN INTELLIGENT SAMPLING DEVICE FOR MINING AND GEOLOGICAL EXPLORATION	2024/04/23
2024/03138	A SYSTEM FOR MONITORING THE EXTRACTION HEIGHT AND MATERIAL VOLUME OF MINING MACHINERY	2024/04/23
2024/03139	A METHOD FOR MEASURING METHANE ADSORPTION CAPACITY OF COAL SAMPLES USING LOW FIELD NUCLEAR MAGNETIC RESONANCE	2024/04/23
2024/03140	DEVICE FOR CAPTURING CARBON DIOXIDE FOR CARBON DIOXIDE DISSOLVED MINERALS	2024/04/23
2024/03163	COLD ROLLING SYSTEM AND METHOD FOR THIN-WALLED STAINLESS STEEL TUBE	2024/04/24
2024/03164	A C-BAND SPACE-BASED MEASUREMENT AND CONTROL TERMINAL	2024/04/24
2024/03165	A SHEARING DEVICE FOR GYNECOLOGICAL LAPAROSCOPIC SURGERY TRAINING	2024/04/24
2024/03166	A UTERINE FIXATION DEVICE FOR GYNECOLOGICAL LAPAROSCOPIC SURGERY	2024/04/24
2024/03179	PROCESSING METHOD, COMMUNICATION DEVICE, COMMUNICATION SYSTEM AND STORAGE MEDIUM	2024/04/24
2024/03200	PHYSICAL DEMONSTRATION DEVICE FOR DRAWING PROCESS AND FORMING PRINCIPLE OF LISSAJOUS GRAPHICS	2024/04/25
2024/03202	DRILL CORING DEVICE	2024/04/25
2024/03205	AN INFORMATION PLATFORM OF MULTIMEDIA FUSION	2024/04/25
2024/03206	AN AGRICULTURAL KNOWLEDGE TRAINING METHOD, SYSTEM AND STORABLE MEDIUM	2024/04/25
2024/03236	WATERPROOF AUTOMATIC CHARGING INTERFACE OF UAVS	2024/04/25
2024/03237	STORABLE MULTI-ROTOR UAV	2024/04/25
2024/03239	FLAME RETARDANT COMPOSITE AND FLAME RETARDANT EPOXY RESIN	2024/04/26
2024/03245	DECIBEL DETECTION DEVICE	2024/04/26
2024/03248	DEVICE FOR PHOTOCATALYTIC CONTINUOUS DEGRADATION OF POLLUTANTS IN WATER	2024/04/26
2024/03290	ANTIRUST PAINT SPRAYING	2024/04/26

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	DEVICE FOR PRODUCTION OF ELECTRONIC EQUIPMENT	
2024/03299	METHOD FOR CONSTRUCTING VISUAL HOUSE BUILDING MODEL, AND SYSTEM	2024/04/29
2024/03302	DEEP Q LEARNING CLOUD TASK SCHEDULING METHOD BASED ON IMPROVED EXPLORATION STRATEGY	2024/04/29
2024/03304	A FUSE RETAINER	2024/04/29
2024/03305	ARRAY FLEXIBLE SENSOR AND USE METHOD THEREOF	2024/04/29
2024/03309	A METHOD FOR DESIGNING AND SYNTHESIZING COMPOUNDS EXHIBITING DPP-IV INHIBITORY POTENTIAL	2024/04/29
2024/03310	SOIL CONDITIONER AND USING METHOD THEREFOR	2024/04/29
2024/03316	METHOD TO CONSTRUCT A PREDICTION MODEL FOR THE HEIGHT OF WATER-CONDUCTING FRACTURE ZONE BASED ON MULTI-FACTOR COMPREHENSIVE ANALYSIS	2024/04/29
2024/03320	A PRODUCTION LINE-BASED COMPREHENSIVE DISTILLER'S GRAINS PROCESSING SYSTEM	2024/04/29
2024/03346	ROADWAY SUPPORT EQUIPMENT FOR DYNAMIC PRESSURE ROADWAY AND GOB-SIDE ENTRY RETENTION AND METHOD THEREOF	2024/04/30
2024/03347	CLOTHING DESIGN WORKBENCH	2024/04/30
2024/03349	ELECTROMAGNETIC SCATTERING ANALYSIS WITH REDUCED-ORDER SPECTRAL-ELEMENT TIME-DOMAIN METHOD BASED ON PROPER ORTHOGONAL DECOMPOSITION	2024/04/30
2024/03353	HOLDER ASSEMBLY FOR ELECTRIC TOOTHBRUSH AND ELECTRIC TOOTHBRUSH	2024/04/30
2024/03356	A METHOD FOR PATTERN RECOGNITION	2024/04/30
2024/03357	BATTERY POWERED SMART LUGGAGE VEHICLE	2024/04/30
2024/03359	TICKETING SYSTEM FOR SMART CITY BUSES	2024/04/30
2024/03841	A METHOD AND SYSTEM FOR IMPROVING THE ACCURACY OF DYNAMIC WEIGHING BASED ON MULTI-SENSOR FUSION	2024/05/17

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2024/05051	EGG TART KNITTED FABRIC STRUCTURE AND KNITTING METHOD THEREOF	2024/06/27
2024/05520	A DISCRETELY ADJUSTABLE WRENCH WITH PREDETERMINED MOUTH SIZES	2024/07/16
2024/05610	MATRIX METALLOPROTEASE-CLEAVABLE AND SERINE OR CYSTEINE PROTEASE-CLEAVABLE SUBSTRATES AND METHODS OF USE THEREOF	2019/12/05
2024/05909	EXOSOME FROM BEER FERMENTATION LIQUOR, PREPARATION METHOD AND APPLICATION THEREOF	2024/07/31
2024/06652	DUST SUPPRESSION TREATMENT DEVICE FOR ASPHALT CONCRETE MIXING STATION	2024/08/28
2024/06856	DEVICE FOR MOVING AN UPPER MOLAR	2024/09/05
2024/07191	APPLICATION OF C-REL-SPECIFIC SHRNA IN INHIBITING CORNEAL TRANSPLANT REJECTION	2024/09/19
2024/07991	SOCIAL TIPPING MANAGEMENT SYSTEM	2024/10/22
2024/08439	ZINC COORDINATION POLYMER CATALYST AND PREPARATION METHOD AND APPLICATION THEREOF	2024/11/07

DESIGNS

Advertisement List for November 2024

Number of Advertised Designs: 148

Application Number	Design Articles	Filing Date
A2020/01428	ICE PACKAGING ARRANGEMENT	2020/11/05
A2021/00513	HEATER	2021/05/17
A2022/00078	DISPENSERS	2022/01/28
A2022/00079	DISPENSERS	2022/01/28
A2022/00080	TAPS FOR DISPENSERS	2022/01/28
A2022/00081	TAPS FOR DISPENSERS	2022/01/28
A2022/00255	A FIRELIGHTER	2022/03/11
A2022/00366	FLAG	2022/04/07
A2022/00973	GRID	2022/08/22
A2022/01258	DISPOSABLE DIAPER	2022/10/11
A2022/01348	FRONT BUMPER	2022/10/26

Application Number	Design Articles	Filing Date
A2022/01363	FIREPLACE	2022/10/28
A2023/00019	PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS	2023/01/05
A2023/00020	PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS	2023/01/05
A2023/00021	PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS	2023/01/05
A2023/00022	PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS	2023/01/05
A2023/00023	PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS	2023/01/05
A2023/00024	PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS	2023/01/05
A2023/00025	PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS	2023/01/05
A2023/00026	PACKAGING CONTAINERS FOR MEDICINAL PRODUCTS	2023/01/05
A2023/00432	WATER HEATER	2023/04/06
A2023/00439	TRAY FOR HOUSEHOLD GOODS	2023/04/11
A2023/00443	TRAY FOR HOUSEHOLD GOODS	2023/04/11
A2023/00689	AUTOMOBILE	2023/06/12
A2023/00763	INFANT SAFETY CAR SEAT WITH WHEELS	2023/07/07
A2023/00954	TABLEWARE	2023/08/31
A2023/00982	COMPUTER PRINTER	2023/09/08
A2023/00983	COMPUTER PRINTER	2023/09/08
A2023/00984	MONITOR FOR COMPUTER PRINTER	2023/09/08
A2023/01166	NICOTINE POUCH WITH INTERIOR CAPSULE	2023/10/27
A2023/01361	WATCHES	2023/12/11
A2023/01460	FOOTWEAR	2023/12/20
A2023/01461	VAPE SMOKING PIPE	2023/12/21
A2023/01463	VAPE SMOKING DEVICE	2023/12/21
A2023/01469	RETAINER SLEEVES	2023/12/21
A2023/01470	RETAINER SLEEVES	2023/12/21
A2023/01471	RETAINER SLEEVES	2023/12/21
A2023/01472	RETAINER SLEEVES	2023/12/21
A2023/01473	RETAINER SLEEVES	2023/12/21
A2023/01474	FOOTWEAR	2023/12/20
A2024/00063	CAP	2024/01/19
A2024/00065	BOTTLE	2024/01/19
A2024/00067	BOTTLE	2024/01/19
A2024/00069	BOTTLE	2024/01/19
A2024/00071	BOTTLE	2024/01/19
A2024/00073	BOTTLE	2024/01/19
A2024/00127	Graphical User Interface for Image Capturing and Capturing Parameter Setting	2024/02/01
A2024/00128	Graphical User Interface for Image Capturing and Capturing Parameter	2024/02/01

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	Setting	
A2024/00129	Graphical User Interface for Image Capturing and Capturing Parameter Setting	2024/02/01
A2024/00130	Graphical User Interface for Image Capturing and Capturing Parameter Setting	2024/02/01
A2024/00131	Graphical User Interface for Image Capturing and Capturing Parameter Setting	2024/02/01
A2024/00132	Graphical User Interface for Image Capturing and Capturing Parameter Setting	2024/02/01
A2024/00133	Graphical User Interface for Image Capturing and Capturing Parameter Setting	2024/02/01
A2024/00134	Graphical User Interface for Image Capturing and Capturing Parameter Setting	2024/02/01
A2024/00153	FOOTWEAR	2024/02/02
A2024/00155	FLOW SENSOR FOR A SOLID MATERIAL APPLICATOR	2024/02/05
A2024/00159	PISTON PUMPS	2024/02/06
A2024/00166	PISTON PUMPS	2024/02/06
A2024/00168	PISTON PUMPS	2024/02/06
A2024/00169	PISTON PUMPS	2024/02/06
A2024/00172	VEHICLES	2024/02/08
A2024/00175	PHARMACEUTICAL TABLETS	2024/02/09
A2024/00176	PHARMACEUTICAL TABLETS	2024/02/09
A2024/00177	PHARMACEUTICAL TABLETS	2024/02/09
A2024/00178	PHARMACEUTICAL TABLETS	2024/02/09
A2024/00179	PHARMACEUTICAL TABLETS	2024/02/09
A2024/00182	WATCHES	2024/02/14
A2024/00185	DOOR FOR A SIDE PANEL	2024/02/16
A2024/00187	TRAYS	2024/02/16
A2024/00192	VEHICLES	2024/02/16
A2024/00193	MASCOTS	2024/02/16
A2024/00194	MASCOTS	2024/02/16
A2024/00195	MASCOTS	2024/02/16
A2024/00196	MASCOTS	2024/02/16
A2024/00197	MODEL VEHICLES	2024/02/16
A2024/00199	A SET OF ARTICLES FORMING A BOTTLE	2024/02/19
A2024/00202	A LIGHTING APPARATUS	2024/02/20
A2024/00203	A LIGHTING APPARATUS	2024/02/20
A2024/00204	Foldably Constructed Pallet Bottom	2024/02/20
A2024/00205	Watch	2024/02/20
A2024/00206	Watch	2024/02/20
A2024/00207	Watch	2024/02/20
A2024/00208	Watch	2024/02/20
A2024/00209	Watch	2024/02/20

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A2024/00210	Pad or Coaster for Drinkware	2024/02/20
A2024/00211	Watch Box	2024/02/21
A2024/00217	Sports Bag	2024/02/22
A2024/00223	A LIGHT EMITTING DIODE DRIVER	2024/02/26
A2024/00225	A LIGHT EMITTING DIODE DRIVER	2024/02/26
A2024/00227	AIR TREATMENT UNITS	2024/02/26
A2024/00228	AIR TREATMENT UNITS	2024/02/26
A2024/00230	Mug	2024/02/27
A2024/00231	Mug	2024/02/27
A2024/00252	JEWELLERY DESIGN	2024/03/07
A2024/00269	DOOR HANDLES WITH SECURITY LOCKS	2024/03/18
A2024/00270	A BOTTLE	2024/03/18
A2024/00284	LOCKS	2024/03/19
A2024/00299	TYRE TREAD	2024/03/27
A2024/00300	TYRE	2024/03/27
F2020/01525	A SAFETY DEVICE	2020/11/25
F2021/00199	ELECTRICAL CONNECTOR	2021/03/03
F2021/00201	ELECTRICAL CONNECTOR	2021/03/03
F2021/00514	HEATER	2021/05/17
F2021/01031	A DEVICE FOR STOKING A FIRE	2021/09/06
F2021/01349	A COOKING IMPLEMENT FOR A PIZZA OVEN	2021/10/28
F2022/00117	BOARD GAME	2022/02/03
F2022/00184	BASTER FOR A ROTISSERIE	2022/02/22
F2022/00479	KICKING TEE	2022/05/05
F2022/01362	FIREPLACE	2022/10/28
F2023/00386	MEDICAL INSTRUMENT	2023/03/20
F2023/00387	MEDICAL INSTRUMENT	2023/03/20
F2023/00433	WATER HEATER	2023/04/06
F2023/00440	TRAY FOR HOUSEHOLD GOODS	2023/04/11
F2023/00444	TRAY FOR HOUSEHOLD GOODS	2023/04/11
F2023/00610	CANOPY FOR A VEHICLE	2023/05/23
F2023/00708	NOVEL FILTER DESIGN FOR USE IN COFFEE MACHINES AND FRYING OIL FILTRATION	2023/06/22
F2023/00912	MEDICAL INSTRUMENT	2023/08/21
F2023/00953	TABLEWARE	2023/08/31
F2023/01099	FARM FENCING COMPONENTS	2023/10/10
F2023/01100	LIVESTOCK HANDLING EQUIPMENT COMPONENTS	2023/10/11
F2023/01135	Fitting for a Water Meter Housing	2023/10/23
F2023/01137	Base Plate for Water Meter Housing	2023/10/23
F2023/01462	VAPE SMOKING PIPE	2023/12/21
F2023/01464	VAPE SMOKING DEVICE	2023/12/21
F2024/00024	SOLAR ENERGY HUB	2024/01/11
F2024/00025	SOLAR ENERGY HUB WITH REMOVABLE TRAY	2024/01/11
F2024/00059	RIB RACK FOR BRAAI STAND	2024/01/19
F2024/00060	PAN HOLDER FOR BRAAI STAND	2024/01/19
F2024/00061	DETACHABLE TABLE FOR BRAAI	2024/01/19

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	STAND	
F2024/00062	BRAAI STAND	2024/01/19
F2024/00064	CAP	2024/01/19
F2024/00066	BOTTLE	2024/01/19
F2024/00068	BOTTLE	2024/01/19
F2024/00070	BOTTLE	2024/01/19
F2024/00072	BOTTLE	2024/01/19
F2024/00074	BOTTLE	2024/01/19
F2024/00186	DOOR FOR A SIDE PANEL	2024/02/16
F2024/00188	TRAYS	2024/02/16
F2024/00189	TRAYS	2024/02/16
F2024/00224	A LIGHT EMITTING DIODE DRIVER	2024/02/26
F2024/00226	A LIGHT EMITTING DIODE DRIVER	2024/02/26
F2024/00234	KEY BLANK	2024/02/29
F2024/00266	ROLLER DOOR FRAMES	2024/03/18
F2024/00271	SMOKELESS FIRE PIT	2024/03/18
F2024/00285	LOCKS	2024/03/19
F2024/00304	ENERGY DRINK CONCENTRATE MIXING BOTTLE	2024/03/27
F2024/00305	ENERGY DRINK CONCENTRATE MIXING BOTTLE	2024/03/27
F2024/00875	MONEY BANK PRODUCT	2024/09/09

OTHER OFFICE NOTICES

DEPARTMENT OF TRADE, INDUSTRY AND COMPETITION

NO. 5374

4 October 2024

NOTICE

COMPANIES AND INTELLECTUAL PROPERTY COMMISSION (CIPC)



Taking into consideration that CIPC official office days are Mondays to Fridays and does not include week-ends or public holidays, notice is hereby given in terms of and for purposes of the Acts mentioned in the Schedule below, that CIPC will be closed to the public from **10h00 on Tuesday 24 December 2024 up to and including Wednesday 1 January 2025**.

The CIPC Offices at –

- a) the Department of Trade, Industry and Competition (the dtic) (77 Meintjies Street, Block F – Entfutfukweni) in Sunnyside, Pretoria;
 - b) 1st floor, Office 103, Sancardia Building, 541 Madiba Street, Arcadia, Pretoria;
 - c) Talis House, No 17 Simmonds street, Cnr Main and Simmonds street, Marshalltown, Johannesburg;
 - d) Norton Rose House No 8, Shop Number 3, Riebeek Street, Thibault Square, Cape Town; and
 - e) (CIPC officials) at Trade and Investment KwaZulu Natal (TIKZN) situated at 1 Arundel Close, Kingsmead Office Park, Kingsmead Boulevard, Stalwart Simelane Street in Durban,
- will re-open at 08h00 on Thursday 2 January 2025.

The lodgment of documents and services of legal documents will be accepted on Monday 23 December 2024 until 15h30.

The days from Tuesday 24 December 2024 up to and including Wednesday 1 January 2025 will be regarded as *dies non* for purposes of the stated Acts.

CIPC offers different lodgment / filing methods for certain services to its customers. During this period, services processed by automated means will continue to be processed while those services which require back-office intervention / finalisation e.g. services which require scanned documents to be e-mailed to dedicated e-mail addresses or uploaded via electronic platforms e.g. New E-Services, will only resume from Thursday 2 January 2025.


Please also take note that with regards to name reservations, all reserved names that would have lapsed between Tuesday 24 December 2024 up to and including Wednesday 1 January 2025, will now have their reservation dates moved forward to Thursday 2 January 2025 and will, therefore, only elapse on that date.

SCHEDULE

Trade Marks Act, 1993
 Patents Act, 1978
 Design Act, 1993
 Copyright Act, 1978
 Companies Act, 2008
 Close Corporations Act, 1984
 Co-operatives Act, 2005
 Registration of Copyright in Cinematograph Film Act, 1977

Kind regards.

Rory Voller

 Signed by Rory Voller, RVoller@cipc.co.za
 13/09/2024 16:03:10(UTC+08:00) 

Rory Voller
 Commissioner: CIPC