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INCLUDING TRADE MARKS, DESIGNS AND COPYRIGHT IN CINEMATOGRAPH FILMS

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The numerical references denote the following: **(21)** Number of application. **(22)** Date of application. **(DA)** Date of acceptance. **(51)** Class. **(71)** Name of applicant(s). **(72)** Name of all inventors. **(33)** Country. **(31)** Number and **(32)** Date of convention application. **(54)** Title of invention. **(00)** Number of sheets.

. - APPLIED ON 2023/08/28 -

2023/08293 ~ Provisional ~54:CABLE ANTI-THEFT PROJECT ~71:BONGANI MHLONGO, 063 kgapatswai section, African Intellectual Property Organization (OAPI);PRETTY SIZAKELE MOKGOTLHWE, 063 kgapatswai section, African Intellectual Property Organization (OAPI) ~72: BONGANI PERCIVAL MLHONGO~

2023/08250 ~ Complete ~54:A SYSTEM FOR CONTROLLED BIDIRECTIONAL REMOTE STATE PREPARATION IN NOISY ENVIRONMENT ~71:Dr. Vishal Sharma, S/O Shri Kailash Chandra Sharma, Shivam Nagar 1 Plot 56, Ramnagariya, Jagatpura, Jaipur, Rajasthan, 302017, India ~72: Dr. Vishal Sharma~

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2023/08271 ~ Complete ~54:GAS DISTRIBUTION DEVICE AND CHLORINATION FURNACE ~71:PANGANG GROUP PANZHIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD., No. 90 Taoyuan Street East District Panzhihua, Sichuan Province, 617000, People's Republic of China ~72: DONGSHENG WANG;ENDONG YE;JIANXIN WANG;LI ZHOU~ 33:CN ~31:202211135824.0 ~32:19/09/2022

2023/08278 ~ Complete ~54:BENZO[C][2,6]NAPHTHYRIDINE DERIVATIVES, COMPOSITIONS AND THERAPEUTIC USES THEREOF ~71:Cambridge Enterprise Limited, The Old Schools, Trinity Lane, CAMBRIDGE CB2 1TN, CAMBRIDGESHIRE, UNITED KINGDOM, United Kingdom ~72: BREAR, Paul;GLOSSOP, Paul;HYVONEN, Marko Juhana;SPRING, David Robert~ 33:GB ~31:2102895.6 ~32:01/03/2021

2023/08282 ~ Complete ~54:TOXIN MOLECULE SUITABLE FOR ANTIBODY-DRUG CONJUGATE ~71:Minghui Pharmaceutical (Hangzhou) Limited, Suite 4-401, Building 4, Hexiang Technology Center, Qiantang New Area, HANGZHOU 310018, ZHEJIANG, CHINA (P.R.C.), People's Republic of China;Minghui Pharmaceutical (Shanghai) Limited, Suite 6305, Building 6, 338 Jialilue Road, China (Shanghai) Pilot Free Trade Zone, PUDONG NEW AREA 201203 , SHANGHAI, CHINA (P.R.C.), People's Republic of China ~72: CAO, Guoqing;CHEN, Yile;LI, Ao~ 33:CN ~31:202110127049.3 ~32:29/01/2021

2023/08284 ~ Complete ~54:WIRELESSLY TRANSFERING POWER WITHIN AN ELECTRIC MACHINE WITH ACTIVELY RECTIFIED ROTOR WINDINGS ~71:Tau Motors, Inc., 1104 Main St., REDWOOD CITY 94063, CA,

USA, United States of America ~72: DA COSTA, Anthony;OWEN, Michael Parker;PENNINGTON III, Walter Wesley;PREINDL, Matthias;RUBIN, Matthew J.;STEVENSON, Gregory Gordon;SWINT, Ethan Bagget~ 33:US ~31:63/157,560 ~32:05/03/2021

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2023/08265 ~ Complete ~54:FEEDER ~71:MMD GROUP LIMITED, The House of Sizers, The Promenade Laxey, IM4 7DB, United Kingdom ~72: CHRISTOPHER PEARSON~ 33:GB ~31:2103455.8 ~32:12/03/2021

2023/08275 ~ Complete ~54:BIOACTIVE SUBSTANCE CONJUGATE, PREPARATION METHOD THEREFOR AND USE THEREOF ~71:Medilink Therapeutics (Suzhou) Co., Ltd., Unit 101, Block B3, Biotech Industrial Park, 218 Xinghu Street, Suzhou Industrial Park, Suzhou Area of China (Jiangsu) Pilot Free Trade Zone, SUZHOU

215000, JIANGSU, CHINA (P.R.C.), People's Republic of China ~72: CAI, Jiaqiang~ 33:CN ~31:202110178136.1 ~32:09/02/2021;33:CN ~31:202110340806.5 ~32:30/03/2021;33:CN ~31:202110825906.7 ~32:21/07/2021;33:CN ~31:202110825922.6 ~32:21/07/2021;33:CN ~31:202110825932.X ~32:21/07/2021

2023/08279 ~ Complete ~54:DETECTING METHYLCYTOSINE AND ITS DERIVATIVES USING S-ADENOSYL-L-METHIONINE ANALOGS (XSAMS) ~71:Illumina Cambridge Limited, 19 Granta Park, Great Abington, Cambridge, CB21 6DF, UNITED KINGDOM, United Kingdom;Illumina, Inc., 5200 Illumina Way, SAN DIEGO 92122, CA, USA, United States of America ~72: BRUSTAD, Eric;GORMLEY, Niall;SHULTZABERGER, Sarah;WU, Xiaolin~ 33:US ~31:63/161,330 ~32:15/03/2021

2023/08285 ~ Complete ~54:SYSTEM AND METHOD FOR OPERATING A MINING MACHINE WITH RESPECT TO A GEOFENCE USING A DYNAMIC OPERATION ZONE ~71:JOY GLOBAL SURFACE MINING INC., 401 E. Greenfield Avenue, Milwaukee, United States of America ~72: MALEGAM, Keshad, Darayas~ 33:US ~31:17/179,757 ~32:19/02/2021;33:US ~31:17/179,765 ~32:19/02/2021

2023/08268 ~ Complete ~54:LOCO-REGIONAL PERFUSION OF AN UNARRESTED BEATING HEART ~71:DINAQOR AG, Wagistrasse 25, 8952, Schlieren, Switzerland ~72: JOHANNES HOLZMEISTER;MARK DEHDASHTIAN;VALERIA RICOTTI~ 33:US ~31:63/151,938 ~32:22/02/2021;33:US ~31:63/312,029 ~32:20/02/2022

2023/08239 ~ Provisional ~54:MERCHANT ONE ~71:Milroy Malcolm Rafferty, 27 Scallan Street, South Africa;Milroy Malcolm Rafferty, 27 Scallan Street, South Africa ~72: Milroy Malcolm Rafferty~ 33:ZA ~31:2 ~32:26/08/2023

2023/08243 ~ Complete ~54:DOUBLE-LIQUID GROUTING MATERIAL, AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: JIN, Biao;LI, Zhixin;LUO, Qing;MA, Xianwei;WANG, Xiao;XUE, Kaiwang;ZHANG, Jianwu~

2023/08254 ~ Complete ~54:DOUBLE-ROLLER DUAL GEAR TRANSMISSION BOX AND DOUBLE-LONGITUDINAL AXIAL FLOW HARVESTER ~71:WECHAI LOVOL INTELLIGENT AGRICULTURAL TECHNOLOGY CO., LTD., S.192# Beihai Road, Fangzi Re. Weifang, People's Republic of China ~72: HAN, Jingwen;HE, Song;LI, Pengfei;LIU, Chengbo;QI, Wenzheng;WANG, Banghao;YIN, Qisheng;ZHANG, Wanqing~ 33:CN ~31:202211332311.9 ~32:28/10/2022

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2023/08272 ~ Complete ~54:A ROTARY CONTINUOUS LEACHING DEVICE FOR VANADIUM SLAG CALCIFICATION ROASTING CLINKER ~71:PANGANG GROUP PANZHIHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD., No. 90, Taoyuan Street, East District, Panzhihua, Sichuan, 617000, People's Republic of China ~72: BIAO SHEN;LU YE;YAN CHEN~ 33:CN ~31:202223411774.2 ~32:19/12/2022

2023/08276 ~ Complete ~54:REMOVABLE WATER-BASED COATING ~71:Glasst Innovation Company S.A.S., Carrera 32 No. 13 - 49, Oficina 504, Edificio C13, MEDELLIN 050020, COLOMBIA, Colombia ~72: BOTERO SIERRA, Juan Camilo;FRANCO CASTRILLÓN, Alexander~ 33:CO ~31:NC2021/0001029 ~32:29/01/2021

2023/08277 ~ Complete ~54:PROCESS FOR MANUFACTURING A DIPHENYLPYRAZINE DERIVATIVE ~71:Actelion Pharmaceuticals Ltd, Gewerbestrasse 16, ALLSCHWIL 4123, SWITZERLAND, Switzerland ~72: COLLAS, Alain;LEYS, Carina;VAN MECHELEN, Kore;VANIERSCHOT, Ronny~ 33:IB ~31:2021/052209 ~32:29/01/2021;33:IB ~31:2021/082836 ~32:24/11/2021

2023/08283 ~ Complete ~54:ENHANCED NITRATE, ELEMENTAL METAL, AND AMINO ACID COMPOSITIONS AND METHODS OF USE ~71:ThermoLife International, LLC, 1220 E Hill St, SIGNAL HILL 90755, CA, USA, United States of America ~72: KRAMER, Ronald;NIKOLAIDIS, Alexandros~ 33:US ~31:63/159,990 ~32:11/03/2021

2023/08252 ~ Complete ~54:ANTI-AGING AND ANTI-WRINKLE FORMULATION FROM VITIS VINIFERA AND TINOSPORA CORDIFOLIA EXTRACTS ~71:Dr. Bandana Behera, Assistant Professor, CV Raman Global University, Bhubaneswar, Odisha, 751004, India;Dr. Debasish Pradhan, Associate Professor, University Department of Pharmaceutical Sciences, Utkal University, Bhubaneswar, Odisha, 751004, India;Dr. Shaktiprasad Pradhan, Associate Professor, School of Pharmacy, Sainath University, Ranchi, Jharkhand, 835219, India;Mr. Lalatendu Mohanty, Ph.D Scholar, University Department of Pharmaceutical Sciences, Utkal University, Bhubaneswar, Odisha, 751004, India;Mr. Nalini Ranjan Nayak, Scholar & Scientist, University Department of Pharmaceutical Sciences, Utkal University, Bhubaneswar, Odisha, 751004, India;Ms. Adyasa Samantaray, Ph.D Scholar, University Department of Pharmaceutical Sciences, Utkal University, Bhubaneswar, Odisha, 751004, India ~72: Dr. Bandana Behera;Dr. Debasish Pradhan;Dr. Shaktiprasad Pradhan;Mr. Lalatendu Mohanty;Mr. Nalini Ranjan Nayak;Ms. Adyasa Samantaray~

2023/08258 ~ Complete ~54:COMPOSITIONS COMPRISING NATURALLY DERIVED PRESERVATIVES ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: KIMBERLY DAY;MATTHEW JOSEPH RIENZO;MORGAN NICOLE KOZAR;TIRUCHERAI VARAHAN VASUDEVAN~ 33:US ~31:16/832644 ~32:27/03/2020;33:EP ~31:20169711.7 ~32:15/04/2020

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2023/08292 ~ Complete ~54:PREPARATION OF HYALURONIC ACID CBD CONJUGATES ~71:ARIEL SCIENTIFIC INNOVATIONS LTD., Kiryat HaMada, P.O. Box 3, Israel;BIOSOFT AUSTRALIA PTY LTD, unit 14/ 13A Narabang Way, Belrose, Australia ~72: BAZYLEVICH, Andrii;GELLERMAN, Gary~ 33:US ~31:63/145,598 ~32:04/02/2021

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Gyeonggi-do, 16677, Republic of Korea ~72: HYUNHO SHIN;JUNGCHUL AN;YONGYOUN KIM~ 33:KR ~31:10-2021-0013165 ~32:29/01/2021

2023/08270 ~ Complete ~54:COUPLER AND VEHICLE WITH COUPLER ~71:CRRC QIQIHAR ROLLING STOCK CO., LTD., No.36 Changqian 1ST Avenue, Tiefeng District Qiqihar, Heilongjiang, 161002, People's Republic of China ~72: MINGYU WEI;PENGDI JIN;QINGMIN MENG;SHILIANG FAN;YAN WANG;YINGJUN CUI~ 33:CN ~31:202110622354.X ~32:03/06/2021

2023/08273 ~ Complete ~54:FEEDER ~71:MMD GROUP LIMITED, The House of Sizers, The Promenade Laxey, IM4 7DB, United Kingdom ~72: CHRISTOPHER PEARSON~ 33:GB ~31:2103455.8 ~32:12/03/2021

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2023/08240 ~ Provisional ~54:BOGIE ~71:DUNCAN, Malcolm Douglas, 901 Cloud Cover Lane, Leander, United States of America ~72: DUNCAN, Malcolm Douglas~

2023/08242 ~ Complete ~54:METHOD FOR SYNTHESIS OF AMINO CINNAMIC ACID AND DERIVATIVES USING CATALYTIC DCC-HOBT COUPLING APPROACH ~71:Dr. Atul Rupchand Bendale, Shree Mahavir Institute of Pharmacy, Nashik, Maharashtra, 422202, India;Dr. Gokul S. Talele, Matoshri College of Pharmacy, Nashik, Maharashtra, 422105, India;Dr. Jubie Selvaraj, Department of Pharmaceutical Chemistry, J. S. S. College of Pharmacy, J. S. S. Academy of Higher Education & Research (Deemed to be University), Ooty, Tamil Nadu, 643001, India;Dr. Mithun Rudrapal, Department of Pharmaceutical Sciences, School of Biotechnology and Pharmaceutical Sciences, Vignan’s Foundation for Science, Technology & Research (Deemed to be University), Guntur, Andhra Pradesh, 522213, India;Dr. Naresh Podila, Department of Pharmaceutical Sciences, School of Biotechnology and Pharmaceutical Sciences, Vignan’s Foundation for Science, Technology & Research (Deemed to be University), Guntur, Andhra Pradesh, 522213, India;Dr. Sanapala Arun Kumar, Department of Pharmacology, Sree Dattha Institute of Pharmacy, Ibrahimpatnam, Hyderabad, Telangana, 501510, India;Dr. Swati G. Talele, Sandip Institute of Pharmaceutical Sciences, Nashik, Maharashtra, 422213, India;Muddisetti Sreelatha, Department of Pharmacology., Vikas College of Pharmaceutical Sciences, Suryapet, Nalgonda, Telangana, 508376, India;Unmesh Gulabrao Bhamare, Shree Mahavir Institute of Pharmacy, Nashik, Maharashtra, 422202, India ~72: Dr. Atul Rupchand Bendale;Dr. Gokul S. Talele;Dr. Jubie Selvaraj;Dr. Mithun Rudrapal;Dr. Naresh Podila;Dr. Sanapala Arun Kumar;Dr. Swati G. Talele;Muddisetti Sreelatha;Unmesh Gulabrao Bhamare~

2023/08248 ~ Complete ~54:EFFICIENT WATER PURIFICATION DEVICE FOR AQUACULTURE ~71:Xi'an Yiyangze Environment Technology Co., Ltd., Room 20702-292, 7th Floor, Unit 2, Building 1, Oak Tree Constellation, North of Keji 5th Road, High tech Zone, Xi'an City, Shaanxi Province, 710075, People's Republic of China ~72: LI Haocheng;SUN Xiaoxiao;SUN Xin;WANG Weiqiao~

2023/08253 ~ Complete ~54:NUTRITION ~71:Groen Kaap Landbou Proprietary Limited, 30 Kreef Crescent, Montana Park, Pretoria 0182, Gauteng Province, SOUTH AFRICA, South Africa ~72: POTGIETER, Lukas Eric~ 33:ZA ~31:2022/09541 ~32:26/08/2022

2023/08255 ~ Complete ~54:GRAIN COMBINE HARVESTER ~71:WECHAI LOVOL INTELLIGENT AGRICULTURAL TECHNOLOGY CO., LTD., S.192# Beihai Road, People's Republic of China ~72: CHEN, Fangyong;HAN, Xinhua;HE, Song;LI, Jianxiang;QI, Wenzheng;QIN, Yongfeng;WANG, Guimin;WU, Xiaowei;ZHENG,Yuenan;ZHU, Xianxue;ZHU, Yongfeng~ 33:CN ~31:202211334784.2 ~32:28/10/2022

2023/08280 ~ Complete ~54:SYSTEMS AND METHODS FOR LONG-TERM POLLEN STORAGE ~71:Monsanto Technology LLC, 800 North Lindbergh Boulevard, ST. LOUIS 63167, MO, USA, United States of America ~72: BOYER, Zachary;JULIUS, Benjamin T.;ZHU, Yuechen~ 33:US ~31:63/158,328 ~32:08/03/2021

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2023/08246 ~ Complete ~54:SMART INTER-TRANSFER DATA DRIVE ~71:Dr. Kasi Viswanathan Palanisamy, Assistant Professor, Department of Electrical and Electronics Engineering, Dayananda Sagar Academy of Technology and Management, Kanakapura Road, Udayapura,, Bengaluru, Karnataka, 560082, India;Dr. Kiran Kumar Kommineni, Head – Department of Computer Science and Engineering & Vice - Principal, Chalapathi Institute of Engineering and Technology, Chalapathi Nagar, Guntur, Andhra Pradesh, 522034, India;Dr. Kishore Kumar Ponnuswamy Krishnan, [Lecturer. – IT., UTAS, Oman], No. 13 Thiruvalluvar Street, Pallikaranai, Chennai, Tamil Nadu, 600100, India;Dr. Parthasarathi Patra Harekrushna, Associate Professor, Department of Computer Science and Engineering, Gayatri Vidya Parishad College of Engineering (A), Madhurawada,, Visakhapatnam, Andhra Pradesh, 530048, India;Dr. Thirumal Pattabi, Professor and Head, Department of Mechanical Engineering, Government College of Engineering, Bargur, Krishnagiri, Tamil Nadu, 635104, India;Dr. Vutukuru Shravan Koundinya, Assistant Professor, Department of Aerospace Engineering, MVJ College of Engineering, Whitefield, Bengaluru, Karnataka, 560067, India;Srinivas Kumar Seepuram, Assistant Professor, Department of Computer Science & Engineering, Madanapalle Institute of Technology & Science (UGC - Autonomous), Annamayya District, Madanapalle, Andhra Pradesh, 517325, India ~72: Dr. Kasi Viswanathan Palanisamy;Dr. Kiran Kumar Kommineni;Dr. Kishore Kumar Ponnuswamy Krishnan;Dr. Parthasarathi Patra Harekrushna;Dr. Thirumal Pattabi;Dr. Vutukuru Shravan Koundinya;Srinivas Kumar Seepuram~ 33:IN ~31:202341053751 ~32:10/08/2023

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2023/08251 ~ Complete ~54:TOBACCO LEAF WASTE DETERMINATION METHOD BASED ON PHOTOSHOP AND EDGE DETECTION ~71:Guizhou Academy of Tobacco Science, Longtanba road No.29, Guanshanhu district, Guiyang, Guizhou, People's Republic of China ~72: CHEN Lili;CHEN Wei;GAO Weichang;LI Delun;LIN Yechun;MA Yunfei;MO Jingjing;PAN Fenghua;XIONG Chengfei~

2023/08256 ~ Complete ~54:SPECIMEN STORAGE DEVICE FOR BASIC MEDICAL TEACHING ~71:ZHENGZHOU UNIVERSITY OF INDUSTRIAL TECHNOLOGY, XINZHENG HIGH-TECH DEVELOPMENT ZONE, People's Republic of China ~72: CAI, Lijun;CHEN, Li;TONG, Lei;XU, Xiaoxia;YANG, Wanpeng;YANG, Zhanfeng;ZHANG, Jingjing;ZHAO, Wenhao~

2023/08317 ~ Complete ~54:METHODS OF DETECTING SYSTEMIC AMYLOIDOSIS VIA BINDING TO MISFOLDED OR AGGREGATED PROTEIN ~71:AMYDIS, INC., 9310 Athena Circle, Suite 100, La Jolla, United

States of America ~72: SARRAF, STELLA T.;TAFRESHI, ALI;VANDERKLISH, PETER W.~ 33:US ~31:63/160,602 ~32:12/03/2021

2023/08259 ~ Complete ~54:AN INSTALLATION AND CONSTRUCTION METHOD FOR A LIGHTWEIGHT AND SELF-HEAT-PRESERVATION CONCRETE PREFABRICATED EXTERIOR WALL HANGING BOARD ~71:CHINA CONSTRUCTION FIFTH DIVISION SOUTHERN CONSTRUCTION SUBSIDIARY CORP., LTD, T1-8A, No. 1 Shenzhen Bay, No.3088, Community Center Road, Blue Coast, Yuehai Street, Nanshan District, Shenzhen, People's Republic of China ~72: CHEN, Jianping;FAN, Lixiong;GAN, Jun;HUANG, Zhanxin;LIU, Cheng;WANG, Qianhong;XIAO, Changcheng;ZHANG, Saisai;ZHANG, Wenyang;ZHOU, Zhizhi~ 33:CN ~31:2023109869280 ~32:07/08/2023

. - APPLIED ON 2023/08/29 -

2023/08297 ~ Provisional ~54:WAVY HALLOW BLOCK BLOCKING MACHINE ~71:Somelezo Matutu, P.O Box 34, South Africa ~72: Somelezo Matutu~

2023/08302 ~ Complete ~54:AN EXTRACTION AND ANALYSIS METHOD OF CIGAR CHARACTERISTIC AROMA COMPONENT ~71:China Tobacco Henan Industrial Co., Ltd., No. 16, Yulin South Road, Zhengdong New District, Zhengzhou City, Henan Province, 450016, People's Republic of China ~72: Bo Li;Feng Bai;Weidong Duan;Xianghong Cheng;Zhiyong Wu~ 33:CN ~31:202211691493.9 ~32:28/12/2022

2023/08322 ~ Complete ~54:AIRBAG ATTACHMENT STRUCTURE ~71:Marelli Corporation, 2-1917 Nisshin-cho, Kita-ku, SAITAMA-CITY 3318501, SAITAMA, JAPAN, Japan ~72: KOBAYASHI, Yousuke~ 33:JP ~31:2021-132385 ~32:16/08/2021

2023/08335 ~ Complete ~54:AUTOMATED CLASSIFICATION OF EMOTIO-COGNITON ~71:ELABORATION, INC., 250 Natural Bridges Drive, Santa Cruz, California, 95060, United States of America ~72: ANTHONY DAVIS;JOY MACKAY~ 33:US ~31:63/143,730 ~32:29/01/2021;33:US ~31:63/162,987 ~32:18/03/2021;33:US ~31:63/163,618 ~32:19/03/2021;33:US ~31:63/163,621 ~32:19/03/2021;33:US ~31:17/589,512 ~32:31/01/2022

2023/08311 ~ Complete ~54:MOVABLE SAFETY-BELT FIXING DEVICE ~71:CHINA RAILWAY NO.3 ENGINEERING GROUP CO., LTD., No.269, Yingze Street, Yingze District, Taiyuan, Shanxi, 030000, People's Republic of China;CHINA RAILWAY NO.3 ENGINEERING GROUP EAST CHINA CONSTRUCTION CO., LTD., No. 8, Shuige Road, Jiangning Economic and Technological Development Zone, Nanjing, Jiangsu 210000, People's Republic of China ~72: DONGXING JIAN;ERSHUAI ZHANG;SHENGJIE GUAN;XIAOWEI CEN;YONGJING LI;YONGZHENG LI;ZHENLEI WANG~ 33:CN ~31:202310195560.6 ~32:02/03/2023

2023/08314 ~ Complete ~54:REMOTE FETAL HEART MONITORING SYSTEM BASED ON WEARABLE ULTRASONIC COMPOSITE SPEAKER ~71:NANTONG MATERNITY AND CHILD CARE HOSPITAL, 399 Century Avenue, Chongchuan District, Nantong, People's Republic of China ~72: CHEN, Zhifang;DONG, Hongli;WANG, Wenwen;WANG, Xingmin;WU, Le;ZHANG, Haibo;ZHANG, Lin;ZHANG, Liqin~

2023/08318 ~ Complete ~54:SYSTEM AND PROCESS TO HEAT PREFORMED PLASTIC PIPES ~71:OPTIFLUX TECH INNOVATIONS PRIVATE LIMITED, E-39, Marudhar Industrial Area, 2nd Phase, Basni, Jodhpur, Rajasthan, India ~72: BORANA, Amit;RANJAN, Vivek~ 33:IN ~31:202111019032 ~32:26/04/2021

2023/08330 ~ Complete ~54:BOOK WITH AN IMAGE AND METHODS OF PRODUCTION ~71:TOPPAN LEEFUNG PTE LTD, 1 Kim Seng Promenade #18-01, Great World City, 237994, Singapore ~72: ALICE VERMEULIN;ANTHONY ROUCH-PAULIN~ 33:SG ~31:10202101057P ~32:01/02/2021

2023/08307 ~ Complete ~54:HIGH EARLY STRENGTH IMPERMEABLE CEMENT-BASED GROUTING MATERIAL, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: JIN, Biao;LI, Zhixin;LUO, Qing;MA, Xianwei;WANG, Xiao;XUE, Kaiwang;ZHANG, Jianwu~

2023/08336 ~ Complete ~54:AUTOMATIC FEEDING DEVICE FOR CORN STARCH PROCESSING ~71:TANGSHAN DINGHUI FOOD CO.,LTD., Laoting Urban Industrial Park, Hebei Province, People's Republic of China ~72: Chen Hongling;Liu Xiaowei~

2023/08338 ~ Complete ~54:BEARING PROTECTOR ~71:EVAPCO, INC., 5151 Allendale Lane, Taneytown, Maryland, 21787, United States of America ~72: VADDER, Davey Joe~ 33:US ~31:17/190,306 ~32:02/03/2021

2023/08328 ~ Complete ~54:METHODS OF TREATMENT ~71:Kinoxis Therapeutics Pty Ltd, Suite 201, 697 Burke Road, CAMBERWELL 3124, VICTORIA, AUSTRALIA, Australia ~72: BOWEN, Michael Thomas;MCGREGOR, Iain Stewart~ 33:AU ~31:2021900789 ~32:18/03/2021

2023/08331 ~ Complete ~54:MYCOBACTERIUM TUBERCULOSIS COMPOSITIONS AND METHODS ~71:WANLIANG SHI, 403 Far Hills CT, Towson, Maryland, 21286, United States of America ~72: WANLIANG SHI~ 33:US ~31:63/164,489 ~32:22/03/2021;33:US ~31:63/249,865 ~32:29/09/2021

2023/08332 ~ Complete ~54:DEVICE AND METHOD FOR STAGED ABSORPTION AMMONIA-BASED DECARBONIZATION ~71:JIANGNAN ENVIRONMENTAL TECHNOLOGY INC, 65 Challenger Road, Suite 420, Ridgefield Park, New Jersey, 07660, United States of America ~72: JING LUO;JINYONG WANG;JUN ZHANG;LIFANG QI~ 33:CN ~31:202210553874.4 ~32:19/05/2022

2023/08295 ~ Provisional ~54:OXOS - OPTIMISED X-SECTION OFFSHORE STRUCTURE AS BREAKWATER ARMOUR UNIT ~71:Kishan Ramesh Tulsi, 19 Salieri Way, Sonstraal Heights, South Africa ~72: Kishan Ramesh Tulsi~ 33:ZA ~31:2023/ ~32:28/08/2023

2023/08296 ~ Provisional ~54:WAVY HALLOW BLOCK ~71:Somelezo Matutu, P.O Box 34, South Africa ~72: Somelezo Matutu~

2023/08300 ~ Complete ~54:A CONSTRUCTION METHOD OF APOC3 GENE NON-EXPRESSION HAMSTER MODEL ~71:Peking University, No.5 Yiheyuan Road, Haidian District, Beijing, 100080, People's Republic of China ~72: Ling ZHANG;Wei HUANG;Xunde XIAN;Yuhui WANG~

2023/08325 ~ Complete ~54:GENOMIC LIBRARY PREPARATION AND TARGETED EPIGENETIC ASSAYS USING CAS-GRNA RIBONUCLEOPROTEINS ~71:Illumina Cambridge Limited, 19 Granta Park, Great Abington, CAMBRIDGE CB21 6DF, UNITED KINGDOM, United Kingdom;Illumina, Inc., 5200 Illumina Way, SAN DIEGO 92122, CA, USA, United States of America ~72: BELL, Emma;CHEN, Feng;GORMLEY, Niall;KENNEDY, Andrew;MILLER, Oliver;MUSGRAVE-BROWN, Esther;SCHNEIDER, Kim;SHULTZABERGER, Sarah;SLATTER, Andrew~ 33:US ~31:63/158,492 ~32:09/03/2021;33:US ~31:63/162,775 ~32:18/03/2021;33:US ~31:63/163,381 ~32:19/03/2021;33:US ~31:63/228,344 ~32:02/08/2021;33:US ~31:63/246,879 ~32:22/09/2021;33:US ~31:63/295,432 ~32:30/12/2021

2023/08327 ~ Complete ~54:METHYL-SUBSTITUTED PYRIDINE AND PYRIDAZINE COMPOUNDS, DERIVATIVES THEREOF, AND METHODS OF THEIR USE ~71:Latigo Biotherapeutics, Inc., 1300 Rancho Conejo Blvd., Suite 305, THOUSAND OAKS 91320 , CA, USA, United States of America;Lieber institute, Inc., 855 North Wolfe Street, Suite 300, BALTIMORE 21205 , MD, USA, United States of America ~72: BAJJI, Ashok;BARROW, James;BRUNAVS, Michael;DAVENPORT, Adam James;GARDINER, William H.;JONES, Robert M.;MASTANDREA, Marco Michele;MONCK, Nathaniel Julius Thomas;MOYER, Bryan;O'CONNOR,

Suzanne J.;PITA, Andreina Pacheco;POSLUSNEY, Michael;RATHMELL, Richard Edmund;RICHARDS, Jonathan Philip;SHAIKH, Abdul Kadar;SHINE, Jonathan Paul;TOWNSEND, Robert James;WIGGINTON, Ian James~ 33:US ~31:63/159,718 ~32:11/03/2021;33:US ~31:63/159,720 ~32:11/03/2021;33:US ~31:63/185,164 ~32:06/05/2021;33:US ~31:63/185,692 ~32:07/05/2021;33:US ~31:63/196,713 ~32:04/06/2021;33:US ~31:63/196,715 ~32:04/06/2021;33:US ~31:63/237,368 ~32:26/08/2021;33:US ~31:63/252,459 ~32:05/10/2021;33:US ~31:63/252,469 ~32:05/10/2021

2023/08329 ~ Complete ~54:PAPERMAKING METHOD ~71:BILLERUD AKTIEBOLAG (PUBL), Box 703, 169 27, Solna, Sweden ~72: EERO ANTERO VALTANEN~ 33:EP ~31:21154736.9 ~32:02/02/2021;33:EP ~31:21217014.6 ~32:22/12/2021

2023/08333 ~ Complete ~54:ANGIOPOIETIN-LIKE 3 (ANGPTL3) IRNA COMPOSITIONS AND METHODS OF USE THEREOF ~71:ALNYLAM PHARMACEUTICALS, INC., 675 West Kendall Street, Henri A. Termeer Square, Cambridge, Massachusetts, 02142, United States of America ~72: JEFFREY ZUBER;LAUREN BLAIR WOODS;LUCAS D BONDURANT;MARK K SCHLEGEL;TYLER CHICKERING~ 33:US ~31:63/156,476 ~32:04/03/2021;33:US ~31:63/308,668 ~32:10/02/2022

2023/08298 ~ Provisional ~54:SHOWER GLIDER ~71:Gyor Pols, 27b Kwartel Crescent, 27B Kwartel Crescent, South Africa ~72: Gyor Pols~

2023/08299 ~ Complete ~54:A CONSTRUCTION METHOD OF IL-10 GENE NON-EXPRESSION HAMSTER MODEL ~71:Peking University, No.5 Yiheyuan Road, Haidian District, Beijing , 100080, People's Republic of China ~72: Ling ZHANG;Wei HUANG;Xunde XIAN;Yuhui WANG~

2023/08301 ~ Complete ~54:A PORTABLE WATER ENVIRONMENT EDNA SAMPLING DEVICE ~71:Hainan Qingxiao Environmental Testing Co., Ltd., Room 904-18, Nanfan Innovation Center, Yazhou Bay Science and Technology City, Yazhou District, Sanya City, Hainan Province, People's Republic of China;Hainan University, No.58 Renmin Avenue, Meilan District, Haikou City, Hainan Province, People's Republic of China;Shenzhen Academy of Environmental Sciences, Building 3, No. 95, Honggui 1St Street, Guiyuan Subdistrict, Luohu District, Shenzhen City, Guangdong Province, People's Republic of China ~72: Chen Xiao Dan;Cheng Gong;Tang Min;Tang Wang Qing;Wang Sai;Wang Tuan Tuan;Wu En Ni;Yang Jia Lin;Yang Yu Qian;Zi Rong Mei~ 33:CN ~31:2022114375695 ~32:21/11/2022

2023/08303 ~ Complete ~54:FILTRATION DEVICE FOR SEWAGE TREATMENT ~71:Xi'an Yiyangze Environment Technology Co., Ltd., Room 20702-292, 7th Floor, Unit 2, Building 1, Oak Tree Constellation, North of Keji 5th Road, High tech Zone, Xi'an City, Shaanxi Province, 710075, People's Republic of China ~72: LI Haocheng;SUN Xiaoxiao;SUN Xin;WANG Weiqiao~

2023/08294 ~ Provisional ~54:ANODE WARNING SYSTEM ~71:BYLEVELD, Ryan, 12 Wagtail Street, Atlasville, South Africa ~72: BYLEVELD, Ryan~

2023/08312 ~ Complete ~54:METHOD FOR CONSTRUCTING AND REGULATING PERFORMANCE OF TWO-DIMENSIONAL SEMICONDUCTOR HETEROJUNCTION IN PHOTOCATALYTIC WATER SPLITTING FOR HYDROGEN PRODUCTION ~71:XUANCHENG VOCATIONAL & TECHNICAL COLLEGE, No. 698, Xunhua Road, Xuancheng City, Anhui Province, 242000, People's Republic of China ~72: BENSONG ZHANG;DI WU;GUANQUN CAI;LI WANG;QINGHUA WANG;YUNXIA PEI;ZHONGHAI YU~

2023/08320 ~ Complete ~54:SYNTHESIS OF OMECAMTIV MECARBIL ~71:Amgen Inc., One Amgen Center Drive, THOUSAND OAKS 91320-1799, CA, USA, United States of America ~72: CAILLE, Sebastien;ERICSON, Ari Elizabeth;MURRAY, James;NGUYEN, Hannah;QUASDORF, Kyle;SILVA ELIPE, Maria Victoria~ 33:US ~31:63/159,227 ~32:10/03/2021

2023/08323 ~ Complete ~54:PHARMACEUTICAL COMPOUNDS AS INHIBITORS OF UBIQUITIN SPECIFIC PROTEASE 19 (USP19) ~71:Almac Discovery Limited, Almac House, 20 Seagoe Industrial Estate, CRAIGAVON BT63 5QD, UNITED KINGDOM, United Kingdom ~72: BURKAMP, Frank;HARRISON, Timothy;HELM, Matthew Duncan;O'DOWD, Colin;ROUNTREE, James Samuel Shane;SHEPHERD, Steven David;WHITEHEAD, Steven Kristopher~ 33:GB ~31:2104097.7 ~32:24/03/2021

2023/08326 ~ Complete ~54:ANTI-CD47 MONOCLONAL ANTIBODY AND USE THEREOF ~71:Akeso Biopharma, Inc., 6 Shennong Road, Torch Development Zone, ZHONGSHAN 528437, GUANGDONG, CHINA (P.R.C.), People's Republic of China;Akeso Pharmaceuticals, Inc., 158 Kangyao Road South, Huangpu, GUANGZHOU 510799, GUANGDONG, CHINA (P.R.C.), People's Republic of China ~72: LI, Baiyong;WANG, Zhongmin Maxwell;XIA, Yu~ 33:CN ~31:202110404033.2 ~32:14/04/2021

2023/08305 ~ Complete ~54:AN EXPERIMENTAL APPARATUS FOR STUDYING THE BIODEGRADATION OF PLASTICS ~71:Hainan Qingxiao Environmental Testing Co., Ltd., Room 904-18, Nanfan Innovation Center, Yazhou Bay Science and Technology City, Yazhou District, Sanya City, Hainan Province, People's Republic of China;Hainan University, No.58 Renmin Avenue, Meilan District, Haikou City, Hainan Province, People's Republic of China;Shenzhen Academy of Environmental Sciences, Building 3, No. 95, Honggui 1St Street, Guiyuan Subdistrict, Luohu District, Shenzhen City, Guangdong Province, People's Republic of China ~72: Chen Xiao Dan;Cheng Gong;Feng Yu;Tang Min;Tang Wang Qing;Wang Sai;Wang Tuan Tuan;Wang Xiao Di;Wu Dong Hai;Wu En Ni~ 33:CN ~31:2022114618790 ~32:21/11/2022

2023/08308 ~ Complete ~54:SELECTIVE ADSORBENT MATERIAL FOR TREATING BERYLLIUM-CONTAINING WASTEWATER, PREPARATION METHOD THEREOF AND METHOD FOR TREATING BERYLLIUM-CONTAINING WASTEWATER USING SAME ~71:BGRIMM TECHNOLOGY GROUP, BUILDING 23, DISTRICT 18, HEADQUARTERS BASE, NO. 188, SOUTH FOURTH RING WEST ROAD, People's Republic of China ~72: SHAO, Linan;SUN, Chao;YANG, Xiaosong~

2023/08315 ~ Complete ~54:HIGH-EFFICIENCY ANTIOXIDANT DONKEY SPERM DILUENT, PREPARATION METHOD THEREFOR AND USE THEREOF ~71:INNER MONGOLIA ACADEMY OF AGRICULTURAL & ANIMAL HUSBANDRY SCIENCES, 22 Zhaojun Road, Yuquan District, Hohhot, People's Republic of China ~72: BAI, Jinyu;JIA, Xiaoqing;MA, Yuejun;QIAO, Jianmin;SU, Shaofeng;SUN, Peipei;TERI, Gele;TIAN, Jing;WU, Haiqing~ 33:CN ~31:2023107110764 ~32:15/06/2023

2023/08324 ~ Complete ~54:AUTHENTICATED MODIFICATION OF BLOCKCHAIN-BASED DATA ~71:KANOVITZ, Michael Ira, 311 North Aberdeen Street, 3rd Floor, CHICAGO 60607, IL, USA, United States of America;LOEVY, Jon Isaac, 311 North Aberdeen Street, 3rd Floor, CHICAGO 60607, IL, USA, United States of America ~72: KANOVITZ, Michael Ira;LOEVY, Jon Isaac~ 33:US ~31:63/160,317 ~32:12/03/2021;33:US ~31:63/225,053 ~32:23/07/2021;33:US ~31:63/263,789 ~32:09/11/2021;33:US ~31:63/268,095 ~32:16/02/2022;33:US ~31:63/317,370 ~32:07/03/2022;33:US ~31:63/317,750 ~32:08/03/2022

2023/08334 ~ Complete ~54:METHOD AND DEVICE FOR PRODUCING AMMONIUM BICARBONATE IN AMMONIA-BASED DECARBONIZATION SYSTEM ~71:JIANGNAN ENVIRONMENTAL PROTECTION GROUP INC., Harneys Fiduciary (Cayman) Limited 4th Floor, Harbour Place, 103 South Church Street P. O. Box 10240, Grand Cayman, Ky1-1002, Cayman Islands ~72: JING LUO;JINYONG WANG;JUN ZHANG;LIFANG QI~ 33:CN ~31:202210553353.9 ~32:20/05/2022

2023/08310 ~ Complete ~54:BRANCH BUSBAR DEVICE ~71:Eaton Intelligent Power Limited, 30 Pembroke Road, DUBLIN 4 D04 Y0C2, IRELAND, Ireland ~72: HEILERSIG, Dinant Johan;LAMMERS, Adri Jan Willem~ 33:GB ~31:2212628.8 ~32:31/08/2022

2023/08316 ~ Complete ~54:DILUENT FOR PROMOTING ENERGY SUPPLY OF DONKEY SPERMS, PREPARATION METHOD THEREFOR AND USE THEREOF ~71:INNER MONGOLIA ACADEMY OF AGRICULTURAL & ANIMAL HUSBANDRY SCIENCES, 22 Zhaojun Road, Yuquan District, Hohhot, People's Republic of China ~72: BAI, Jinyu;JIA, Xiaoqing;MA, Yuejun;QIAO, Jianmin;SU, Shaofeng;SUN, Peipei;TERI, Gele;TIAN, Jing;WU, Haiqing~ 33:CN ~31:2023107110923 ~32:15/06/2023

2023/08321 ~ Complete ~54:HEATING DEVICE, HEATING ELEMENT AND AEROSOL GENERATING PRODUCT ~71:Starker International Pte. Ltd., 401 Commonwealth Drive, #07-01/02, Haw Par Technocentre, 149598, SINGAPORE, Singapore ~72: KIEW, Yong Seang~ 33:EP ~31:21165276.3 ~32:26/03/2021

2023/08313 ~ Complete ~54:A BODY PIERCING GUN ~71:George Bernard Pallas, 95 Pegylynn Road, Glenhazel, South Africa ~72: George Bernard Pallas~

2023/08319 ~ Complete ~54:INTEGRATED AMMONIA-BASED DESULFURIZATION AND DECARBONIZATION APPARATUS AND METHOD ~71:JIANGNAN ENVIRONMENTAL PROTECTION GROUP INC., Harneys Fiduciary (Cayman) Limited, 4th Floor, Harbour Place, Cayman Islands ~72: LUO, Jing;XU, Tianqi;ZHANG, Jun~ 33:CN ~31:202110510852.5 ~32:11/05/2021

2023/08337 ~ Complete ~54:COMPOUNDS FOR THE TREATMENT OF DISORDERS AND SALTS AND POLYMORPHS THEREOF ~71:OCCURX PTY LTD, Level 9, 31 Queen Street, Australia ~72: BURNS, Chris;DANIELS, Eric;KELLY, Darren James;PAPADIMITRIOU, Michelle~ 33:US ~31:63/162,425 ~32:17/03/2021;33:US ~31:63/316,652 ~32:04/03/2022

2023/08304 ~ Complete ~54:AN EMERGENCY TREATMENT SYSTEM FOR PREVENTING EUTROPHICATION IN RESERVOIR WATER BODIES USING OZONE TREATMENT ~71:Hainan University, No.58 Renmin Avenue, Meilan District, Haikou City, Hainan Province, People's Republic of China;Shenzhen Academy of Environmental Sciences, Building 3, No. 95, Honggui 1St Street, Guiyuan Subdistrict, Luohu District, Shenzhen City, Guangdong Province, People's Republic of China ~72: Chen Nan Lin;Chen Xiao Dan;Cheng Gong;Tang Wang Qing;Wang Sai;Wang Tuan Tuan;Wu Dong Hai;Wu En Ni~ 33:CN ~31:2022112506729 ~32:13/10/2022

2023/08306 ~ Complete ~54:HIJACK PREVENTION MONITORING SYSTEM AND METHOD ~71:MKHOHLIWE, Shaun Sipumeze, 2082 Giranu Street, Kaalfontein, ext 4, South Africa ~72: MKHOHLIWE, Shaun Sipumeze~ 33:ZA ~31:2022/06219 ~32:06/06/2022

2023/08309 ~ Complete ~54:SELECTIVE ADSORBENT MATERIAL FOR TREATING SELENIUM-CONTAINING WASTEWATER, PREPARATION METHOD THEREOF AND METHOD FOR TREATING SELENIUM-CONTAINING WASTEWATER USING SAME ~71:BGRIMM TECHNOLOGY GROUP, BUILDING 23, DISTRICT 18, HEADQUARTERS BASE, NO. 188, SOUTH FOURTH RING WEST ROAD, People's Republic of China ~72: LI, Yonghui;SHAO, Linan;YANG, Xiaosong~

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2023/08358 ~ Complete ~54:HINGE ~71:RSI NORTH AMERICA, INC., 1501 Joel East Road, United States of America ~72: VOSS, Michael~ 33:US ~31:63/402,788 ~32:31/08/2022

2023/08362 ~ Complete ~54:HEPATITIS B VACCINES AND USES OF THE SAME ~71:PRECIGEN, INC., 20358 Seneca Meadows Parkway, Germantown, Maryland, 20876, United States of America ~72: CHERYL G BOLINGER;DOUGLAS E BROUGH;KUAN-FU DING;PONRAJ PRABAKARAN;RAMYA YARLAGADDA;SIMON METENOU;VINODHBABU KURELLA~ 33:US ~31:62/639,354 ~32:06/03/2018

2023/08366 ~ Complete ~54:BIOMARKERS FOR FIMEPINOSTAT THERAPY ~71:CURIS, INC., 128 Spring Street, Building C, Suite 500, United States of America ~72: ALVAREZ, Mariano, J.;SHEN, Yao~ 33:US ~31:63/145,128 ~32:03/02/2021

2023/08374 ~ Complete ~54:A CLEANING HEAD FOR A MARINE CLEANING SYSTEM ~71:FRANMARINE UNDERWATER SERVICES PTY LTD, 13 Possner Way, Australia ~72: DYHRBERG, Roger Wayne Richard~ 33:AU ~31:2021900746 ~32:15/03/2021

2023/08377 ~ Complete ~54:METHOD OF MANUFACTURING A CONSTRUCTION AND/OR INSULATION MATERIAL ~71:FS-Insulation B.V., Blaak 34, ROTTERDAM 3011 TA, THE NETHERLANDS, Netherlands ~72: BORRA, Hans Antonius;VAN DRIEL, Roland~ 33:EP ~31:21162427.5 ~32:12/03/2021

2023/08381 ~ Complete ~54:ANTIMICROBIAL ESSENTIAL OIL COMPOSITION, PRODUCT COMPRISING SAME, AND PREPARATION METHOD FOR PRODUCT THEREOF ~71:SHIJIAZHUANG YILING PHARMACEUTICAL CO., LTD., No. 238, Tianshan Street, Hi-Tech. Development District, People's Republic of China ~72: JIA, Zhenhua~ 33:CN ~31:202110482092.1 ~32:30/04/2021;33:CN ~31:202210059971.8 ~32:19/01/2022

2023/08456 ~ Complete ~54:REACTOR FOR CARRYING OUT A CHEMICAL REACTION IN A PROCESS FLUID AND METHOD ~71:BASF SE, Carl-Bosch-Str. 38, Germany;LINDE GMBH, Dr.-Carl-von-Linde-Strasse 6-14, Germany ~72: DELHOMME-NEUDECKER, Clara;HOFSTÄTTER, Martin;MIHAILOWITSCH, Dieter;POSSELT, Heinz;ZELLHUBER, Mathieu~ 33:EP ~31:21156666.6 ~32:11/02/2021

2023/08344 ~ Provisional ~54:LIDO INDUSTRIAL ~71:Thabo Joseph Sechele, no 1983 Bethel Section, South Africa ~72: Thabo Joseph Sechele~ 33:AP ~31:2023-08-29 ~32:29/08/2023

2023/08347 ~ Complete ~54:LIMIT ADJUSTING DEVICE FOR HORIZONTAL SWIVEL CONSTRUCTION ~71:ROAD AND BRIDGE INTERNATIONAL CO., LTD., Room 216, No. 7, Wuxing Road, Lucheng Town, Tongzhou District, Beijing, 101107, People's Republic of China;ROAD AND BRIDGE SOUTH ENGINEERING Co., LTD., 1st and 2nd floors of Gongzhuang Village Committee Office Building, Liyuan Town, Tongzhou District, Beijing, 101121, People's Republic of China ~72: CHEN, Songzhou;DAI, Heng;HUANG, Can;LI, Lingyu;LI, Ming;LIU, Zhihong;WANG, Yuhang;ZHANG, Suo~ 33:CN ~31:202320081144.9 ~32:12/01/2023

2023/08351 ~ Complete ~54:COPPER WAVE-ABSORBING MATERIAL AND PREPARATION METHOD AND APPLICATION THEREOF ~71:Lanzhou University of Technology, No. 287, Langongping Road, Qilihe District, Lanzhou City, Gansu Province, 730050, People's Republic of China ~72: CHONG, Junkai;DU, Xueyan;HUANG, Ziniu;LI, Bin;SHEN, Yingying;YAN, Pengze;ZHANG, Wenjuan~

2023/08371 ~ Complete ~54:PATATIN-EMULSIFIED BINDER ~71:COÖPERATIE KONINKLIJKE AVEBE U.A., Prins Hendrikplein 20, Netherlands ~72: BHASKARAN, Vani;CHEN, Zhenghong;STANIŠIC, Nikola;THÜRKOW, Roelfina Willemina Antonia~ 33:EP ~31:21160302.2 ~32:02/03/2021

2023/08390 ~ Complete ~54:MULTISPECIFIC BINDING AGENTS AGAINST CD40 AND CD137 IN THERAPY ~71:BIONTECH SE, An der Goldgrube 12, 55131, Mainz, Germany;GENMAB A/S, Kalvebod Brygge 43, 1560, Copenhagen V, Denmark ~72: GAURAV BAJAJ;HOMER ADAMS;YALI FU~ 33:US ~31:63/158,633 ~32:09/03/2021

2023/08342 ~ Provisional ~54:LIDO SEA ~71:Thabo Joseph Sechele, no 1983 Bethel Section, South Africa ~72: Thabo Joseph Sechele~ 33:AP ~31:2023-08-29 ~32:29/08/2023

2023/08348 ~ Complete ~54:METHOD FOR PREPARING IRON-BASED ALLOY AND MAGNETIC HIGH-ENTROPY ALLOY BY USING IRON-RICH METALLURGICAL SLAG ~71:Lanzhou University of Technology, No. 287, Langongping Road, Qilihe District, Lanzhou City, Gansu Province, 730050, People's Republic of China ~72: DU, Xueyan;LI, Bin;LI, Jinlin;SHEN, Yingying;SUN, Mingxuan;YANG, Lushun~ 33:CN ~31:2023107142197 ~32:16/06/2023

2023/08360 ~ Complete ~54:ATMOSPHERIC WATER GENERATOR APPARATUS ~71:Exaeris Water Innovations, LLC, 1709 Utica Square, Suite 276, TULSA 74114, OK, USA, United States of America ~72: GALBRAITH, John;OTANICAR, Todd~ 33:US ~31:62/774,536 ~32:03/12/2018;33:US ~31:16/371,508 ~32:01/04/2019;33:US ~31:16/587,269 ~32:30/09/2019

2023/08370 ~ Complete ~54:LIQUID HERBICIDAL COMPOSITIONS ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: KUHN, Steffen;MEIER, Wolfgang;MERTOGLU, Murat~ 33:EP ~31:21155535.4 ~32:05/02/2021

2023/08387 ~ Complete ~54:MULTI-STAGE AMMONIA-PROCESS DECARBONIZATION METHOD ~71:JIANGNAN ENVIRONMENTAL TECHNOLOGY INC, 65 Challenger Road, Suite 420, Ridgefield Park, New Jersey, 07660, United States of America ~72: JING LUO;JINYONG WANG;JUN ZHANG;LIFANG QI~ 33:CN ~31:202210553333.1 ~32:20/05/2022

2023/08391 ~ Complete ~54:PRODUCT FOR MACHINE DISHWASHING IN THE FORM OF A CAPSULE WITH MULTIPLE COMPARTMENTS ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: AMANDA JANE ADAMS;GRAHAM CORLETT;MARINA MIXTRO SERRASQUEIRO;ROBERT JOHN CARSWELL~ 33:EP ~31:21165346.4 ~32:26/03/2021

2023/08396 ~ Complete ~54:DEVICE AND METHOD FOR CONTROLLING AMMONIA ESCAPE IN AMMONIA-BASED DECARBONIZATION SYSTEM ~71:JIANGNAN ENVIRONMENTAL TECHNOLOGY INC, 65 Challenger Road, Suite 420, Ridgefield Park, New Jersey, 07660, United States of America ~72: JING LUO;JINYONG WANG;JUN ZHANG;LIFANG QI~ 33:CN ~31:202210552210.6 ~32:19/05/2022

2023/08357 ~ Complete ~54:A FOUR-PILLAR SHIELD HYDRAULIC SUPPORT FOR EXTREMELY THIN COAL SEAM ~71:Xuzhou Huadong Machinery Co.LTD., No.55, Jingshan Road, Economic and Technological Development Zone, Xuzhou City, Jiangsu Province, 221000, People's Republic of China ~72: Dan LI;Fukang TENG;Haijun LYU;Jian HUANG;Jing ZHUANG;Lin LI;Qiang SUN;Sheng XU;Wenlong MIAO;Xiangjun WANG;Xiaojun ZHU;Xiaoyun ZHANG;Xin FENG;You LI;Zixian SHAN~

2023/08363 ~ Complete ~54:PREPARATION METHOD FOR ACTIVATED KAOLINITE ~71:CBMI CONSTRUCTION CO., LTD., No. 7 Xingfu Road, Fengrun District, Tangshan City, United States of America;SOUTHWEST UNIVERSITY OF SCIENCE AND TECHNOLOGY, 59 Qinglong Avenue, Fucheng District, Mianyang City, People's Republic of China ~72: HOU, Li;JIANG, Jun;LI, Jun;LI, Runguo;LU, Zhongyuan;ZENG, Jisheng;ZHANG, Chao;ZHENG, Xianming~ 33:CN ~31:2022112016787 ~32:29/09/2022

2023/08383 ~ Complete ~54:CHARGING CONTROL PILOT CIRCUIT AND CHARGING SOCKET ~71:CHANGCHUN JETTY AUTOMOTIVE TECHNOLOGY CO., LTD., No. 957, Shunda Road, High-tech Development Zone, Chaoyang District, People's Republic of China ~72: WANG, Chao~ 33:CN ~31:202120567464.6 ~32:19/03/2021

2023/08398 ~ Complete ~54:CLAMPING DEVICE FOR AUTOMATIC MILLING OF FLAME-RETARDANT EPOXY GLASS CLOTH FOUR-LAYER LAMINATED CIRCUIT BOARD ~71:NORINCO GROUP AIR AMMUNITION RESEARCH INSTITUTE CO., LTD., No. 65 Nanzhi Road, Xiangfang, Harbin, People's Republic of China ~72: XU, Shixiang~ 33:CN ~31:202211353740.4 ~32:01/11/2022

2023/08340 ~ Provisional ~54:A METHOD OF CONSTRUCTING A CONCRETE DRAINAGE CHANNEL ~71:FEBRUARY, Quinton Mario, 16 Appletiser Park, Links Street, Grabouw 7160, SOUTH AFRICA, South Africa ~72: DU PLESSIS, Stephanie;FEBRUARY, Matthew~

2023/08341 ~ Provisional ~54:LIDO AIR ~71:Thabo Joseph Sechele, no 1983 Bethel Section, South Africa ~72: Thabo Joseph Sechele~ 33:OA ~31:2023-08-29 ~32:29/08/2023

2023/08345 ~ Provisional ~54:MULTIPLE ACCESS RADAR ~71:JACOBS, Ockert Botha, 20 Mont Blanc, Flufftail close, South Africa ~72: JACOBS, Ockert Botha~

2023/08352 ~ Complete ~54:METHOD FOR REAL-TIME WAVE VELOCITY MEASUREMENT AND QUALITY EVALUATION OF ROCK MASS ~71:Dalian University of Technology, No.2 Linggong Road, Ganjingzi District, Dalian City, Liaoning Province, 116024, People's Republic of China;Engineering Quality Supervision Station, China Railway Nanchang Group Co., Ltd., No. 25 Erqi South Road, Qingshanhu District, Nanchang City, Jiangxi, 330002, People's Republic of China;No.24 China Railway Group Fujian Railway Construction Co., Ltd., No. 77 Qinyuan Road, Jin'an District, Fuzhou City, Fujian Province, 350013, People's Republic of China ~72: CHEN, Ximao;LI, Jiaming;LIN, Yu;TANG, Shibin;WANG, Yuepeng;WANG, Zhengzheng;XU, Lizhong;ZHENG, Yi~

2023/08359 ~ Complete ~54:MATERIAL IMAGING SYSTEM AND METHOD ~71:Motion Metrics International Corp., 101-2389 Health Sciences Mall, VANCOUVER V6R 1Z3, BRITISH COLUMBIA, CANADA, Canada ~72: ALHUMSI, Obada;MCKINLEY, Timothy A.~ 33:US ~31:63/456,438 ~32:31/03/2023

2023/08365 ~ Complete ~54:TEST STRIP AND KIT FOR DETECTING HELICOBACTER PYLORI (HP) ~71:BEIJING JINWOFU BIOENGINEERING TECHNOLOGY CO., LTD, 206, Block C, No. 26, Jinyuan Road, Daxing District, Beijing, 102600, People's Republic of China ~72: WANG, Li~ 33:CN ~31:202211193877.8 ~32:28/09/2022

2023/08386 ~ Complete ~54:TRICYCLIC DERIVATIVES USEFUL AS PARP7 INHIBITORS ~71:JACOBIO PHARMACEUTICALS CO., LTD., Building 8 No. 105 Jinghai 3rd Road Business Development Area, Daxing District, Beijing, 100176, People's Republic of China ~72: AMIN LI;CUNBO MA;DI KANG;HAIJUN LI;HAO ZHANG;LEI ZHANG;MAN YAN;MINGMING CHEN;QINGLONG LI;WEI LONG;YANPING WANG~ 33:CN ~31:PCT/CN2021/076144 ~32:09/02/2021;33:CN ~31:PCT/CN2021/091050 ~32:29/04/2021;33:CN ~31:PCT/CN2021/117189 ~32:08/09/2021;33:CN ~31:PCT/CN2021/119368 ~32:18/09/2021;33:CN ~31:PCT/CN2021/124714 ~32:19/10/2021;33:CN ~31:PCT/CN2021/128807 ~32:04/11/2021;33:CN ~31:PCT/CN2021/129056 ~32:05/11/2021

2023/08392 ~ Complete ~54:INFANT FORMULAS CONTAINING HUMAN BREAST MILK PROTEINS ~71:MILK CARE CO., INC., 30 Longview Rd, Framingham, Massachusetts, 01701, United States of America ~72: WENDEL DE OLIVEIRA AFONSO~ 33:US ~31:63/152,932 ~32:24/02/2021

2023/08397 ~ Complete ~54:IMPROVED METHODS OF ISOTHERMAL COMPLEMENTARY DNA AND LIBRARY PREPARATION ~71:ILLUMINA, INC., 5200 Illumina Way, United States of America ~72: BUSBY, Kayla;GROSS, Stephen M.;HYDE, Frederick W.;KUERSTEN, Robert Scott;SCHALEMBIER, Angelica Marie Barr;YUNGHANS, Allison~ 33:US ~31:63/167,909 ~32:30/03/2021;33:US ~31:63/234,114 ~32:17/08/2021

2023/08349 ~ Complete ~54:NICKEL WAVE-ABSORBING MATERIAL AND PREPARATION METHOD AND APPLICATION THEREOF ~71:Lanzhou University of Technology, No. 287, Langongping Road, Qilihe District, Lanzhou City, Gansu Province, 730050, People's Republic of China ~72: CHONG, Junkai;DU, Xueyan;HUANG, Ziniu;LI, Bin;SHEN, Yingying;YAN, Pengze;ZHANG, Wenjuan~

2023/08373 ~ Complete ~54:SOLAR POWERED RADIATION COOLING AIR CONDITIONING DEVICE AND RADIATION COOLING METHOD ~71:JIAXING UNIVERSITY, No.56 Yuexiu South Road , Nanhu District, Jiaxing City, Zhejiang Province, 314001, People's Republic of China ~72: CHEN Yiguang;LI Kuishan;LIU Fanhan;QI Yuli;ZHANG Ye;ZHOU Xiangjiang~ 33:CN ~31:2021112873649 ~32:02/11/2021

2023/08385 ~ Complete ~54:METHOD FOR INSPECTING SURFACE DEFORMATION OF STRUCTURE, SYSTEM FOR INSPECTING SURFACE DEFORMATION OF STRUCTURE, AND STRUCTURE PROTECTION SHEET ~71:KEIWA INCORPORATED, 10-5, Nihonbashikayabacho 2-chome, Chuo-ku, Tokyo, 1030025, Japan ~72: KOSUKE YASUNO;SATORU TANI;SATOSHI SHIBA;TAKAHIRO TSUJI;YU KARIYA;YUKI MATSUNO~ 33:JP ~31:2021-060637 ~32:31/03/2021;33:JP ~31:2021-060638 ~32:31/03/2021;33:JP ~31:2022-048919 ~32:24/03/2022

2023/08389 ~ Complete ~54:ROCK BREAKING CUTTER SUCTION DREDGER AND DREDGING CONSTRUCTION METHOD THEREOF ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9,Chunxiu Road, Dongcheng District, Beijing, 100027, People's Republic of China ~72: YANSONG SU~ 33:CN ~31:2022103400585 ~32:01/04/2022

2023/08394 ~ Complete ~54:COOLING APPARATUS AND METHOD FOR AMMONIA-BASED DECARBONIZATION ~71:JIANGNAN ENVIRONMENTAL TECHNOLOGY INC, 65 Challenger Road, Suite 420, Ridgefield Park, New Jersey, 07660, United States of America ~72: JING LUO;JINYONG WANG;JUN ZHANG;LIFANG QI~ 33:CN ~31:202210531132.1 ~32:16/05/2022

2023/08354 ~ Complete ~54:A GUARD CAR FOR A LOCOMOTIVE TRAIN ~71:GREYLING, Richard, 18 Homestead Avenue, HOMELAKE, Randfontein 1759, Gauteng Province, SOUTH AFRICA, South Africa ~72: GREYLING, Richard~ 33:ZA ~31:2022/07181 ~32:29/06/2022

2023/08367 ~ Complete ~54:COMPOSITIONS AND ARTICLES INCLUDING PERFLUOROPOLYETHER BOTTLEBRUSH POLYMERS AND METHODS OF MAKING AND USING SAME ~71:DONALDSON COMPANY, INC., 1400 WEST 94TH STREET, P O BOX 1299, MINNEAPOLIS, MINNESOTA 55440-1299, U.S.A, United States of America ~72: DALLAS, Andrew, J.;GOERTZ, Matthew, P.;SONTAG, Stephen, K.~ 33:US ~31:63/145,084 ~32:03/02/2021

2023/08378 ~ Complete ~54:COMPOSITIONS AND METHODS FOR TREATING NEUROLOGIC DISEASES ~71:Cognition Therapeutics, Inc., 2403 Sidney Street, Suite 261, PITTSBURGH 15203, PA, USA, United States of America ~72: CAGGIANO, Anthony;CATALANO, Susan M.;HAMBY, Mary;IZZO, Nicholas;LOOK, Gary C.;RISHTON, Gilbert M.~ 33:US ~31:63/163,546 ~32:19/03/2021

2023/08384 ~ Complete ~54:COMPOUND FOR TREATMENT OF COGNITIVE DISORDERS ~71:SYNDESI THERAPEUTICS SA, Chemin du Cyclotron 6, Belgium ~72: CESURA, Andrea;KEMP, John;SAVIDGE, Jonathan~ 33:EP ~31:21159595.4 ~32:26/02/2021

2023/08343 ~ Provisional ~54:LIDO SPACE ~71:Thabo Joseph Sechele, no 1983 Bethel Section, South Africa ~72: Thabo Joseph Sechele~ 33:AP ~31:2023-08-29 ~32:29/08/2023

2023/08346 ~ Complete ~54:AGRICULTURAL PRECISION PLANTING SYSTEM BASED ON BIG DATA ~71:Zhuhai City Polytechnic, 680 Decheng Road, Jinwan District, Zhuhai City, Guangdong Province, 519090, People's Republic of China ~72: LIU, Yujie;QIU, Xiaoqun;YANG, Yu;ZHU, Ping;ZHU, Shaoping~ 33:CN ~31:2023209079600 ~32:21/04/2023

2023/08350 ~ Complete ~54:LEAD-ZINC WAVE-ABSORBING MATERIAL AND PREPARATION METHOD AND APPLICATION THEREOF ~71:Lanzhou University of Technology, No. 287, Langongping Road, Qilihe District,

Lanzhou City, Gansu Province, 730050, People's Republic of China ~72: CHONG, Junkai;DU, Xueyan;HUANG, Ziniu;LI, Bin;SHEN, Yingying;YAN, Pengze;ZHANG, Wenjuan~

2023/08361 ~ Complete ~54:A SYSTEM FOR REVIEWING AND/OR SIGNING AN ELECTRONIC DOCUMENT, AND A METHOD OF REVIEWING AND/OR SIGNING A DOCUMENT ELECTRONICALLY ~71:ADRIAN NEIL STANLEY, 16 WHITEHALL WAY, South Africa ~72: ADRIAN NEIL STANLEY~

2023/08372 ~ Complete ~54:HETEROCYCLIC COMPOUNDS CAPABLE OF ACTIVATING STING ~71:BOEHRINGER INGELHEIM INTERNATIONAL GMBH, Binger Strasse 173, Germany ~72: CAROTTA, Sebastian;DAHMANN, Georg;GODBOUT, Cédrickx;HANDSCHUH, Sandra Ruth;NAR, Herbert;OOST, Thorsten;REISER, Ulrich;TREU, Matthias~ 33:EP ~31:21171155.1 ~32:29/04/2021

2023/08388 ~ Complete ~54:NASAL COMPOSITIONS COMPRISING ALCAFTADINE ~71:ALKEM LABORATORIES LIMITED, Alkem House, Senapati Bapat Marg Lower Parel Maharashtra, Mumbai, 400013, India ~72: AKHILESH SHARMA;AMOL AIWALE;BABASAHEB AWARE;VIRAJ SHAH~ 33:IN ~31:202121015680 ~32:01/04/2021

2023/08395 ~ Complete ~54:METHOD AND DEVICE FOR WASTE HEAT RECOVERY IN AMMONIA-BASED DESULFURIZATION AND DECARBONIZATION SYSTEM ~71:JIANGNAN ENVIRONMENTAL TECHNOLOGY INC, 65 Challenger Road, Suite 420, Ridgefield Park, New Jersey, 07660, United States of America ~72: JING LUO;JINYONG WANG;JUN ZHANG;LIFANG QI~ 33:CN ~31:202210529871.7 ~32:16/05/2022

2023/08356 ~ Complete ~54:SHOCK DAMPENING GRIPS ~71:CIDUA (PTY) LTD, 70 GRANITE CLOSE, BOSKLOOF ECO ESTATE, SOMMERSET WEST, WESTRN CAPE 7135, SOUTH AFRICA, South Africa ~72: STOLTZ, Ivan~ 33:GB ~31:2213330.0 ~32:13/09/2022

2023/08364 ~ Complete ~54:A TRANSACTION SYSTEM AND METHOD ~71:ALWAYS DIGITAL (PTY) LTD., 3322 Selkirk Place, Blue Valley Golf Estate, Kosmosdal, CENTURION 0157, Gauteng, SOUTH AFRICA, South Africa ~72: SEBATI, Kabelo Molau~ 33:ZA ~31:2022/07866 ~32:15/07/2022

2023/08376 ~ Complete ~54:DRILL BIT ASSEMBLY COMPRISING AN EXPANDABLE RETAINING SLEEVE ~71:Sandvik Mining and Construction Oy, Pihtisulunkatu 9, TAMPERE 33330, FINLAND, Finland;Sandvik Mining and Construction Tools AB, SANDVIKEN 81181, SWEDEN, Sweden ~72: BRUANDET, Olivier;KOSKINEN, Jouni~ 33:EP ~31:21164079.2 ~32:22/03/2021

2023/08382 ~ Complete ~54:METHODS AND COMPOSITIONS FOR INCREASING TOLERANCE TO STRESS IN PLANTS ~71:DANSTAR FERMENT AG, Poststrasse 30, Switzerland ~72: BATTISTA, Fabrizio;NISAMEDTINOV, Ildar;SUÁREZ MARTÍNEZ, Carlos;TÉLLEZ, Javier~ 33:EP ~31:21382178.8 ~32:03/03/2021

2023/08369 ~ Complete ~54:CHRONIC PAIN INTERNET PLUS MANAGEMENT PLATFORM AND CONSTRUCTION METHOD THEREOF ~71:AFFILIATED HOSPITAL OF NANTONG UNIVERSITY, 20 Xisi Road, Chongchuan District,, Nantong, Jiangsu, 226001, People's Republic of China ~72: CAI, Jiapei;CHEN, Zhusheng;GU, Qiang;JIANG, Chenlu;LI, Ming;LU, Cuie;MA, Xiaqing;QIN, Yibin;ZHAO, Jiacheng;ZHOU, Can;ZHOU, Weiwei;ZHU, Xiang~ 33:CN ~31:202110716601.2 ~32:25/06/2021

2023/08375 ~ Complete ~54:NOVEL SALT FORMS OF A 4H-PYRAN-4-ONE STRUCTURED CYP11A1 INHIBITOR ~71:Orion Corporation, Orionintie 1, ESPOO FI-02200, FINLAND, Finland ~72: KARJALAINEN, Oskari;MÄKELÄ, Mikko;POP, Mihaela;RUMMAKKO, Petteri;SHEVCHENKO, Anna;SINERVO, Kai;TIAINEN, Eija~ 33:FI ~31:20215217 ~32:01/03/2021

2023/08380 ~ Complete ~54:CUTTING ELEMENTS FOR EARTH-BORING TOOLS, AND METHODS OF MANUFACTURING EARTH-BORING TOOLS ~71:Baker Hughes Oilfield Operations LLC, 17021 Aldine Westfield Road, HOUSTON 77073, TX, USA, United States of America ~72: DOSTER, Michael;DUFFY, Stephen;LYONS, Nicholas J.~ 33:US ~31:63/146,531 ~32:05/02/2021;33:US ~31:17/650,014 ~32:04/02/2022

2023/08355 ~ Complete ~54:A CAGE ASSEMBLY FOR A MINING ELEVATOR ~71:GREYLING, Richard, 18 Homestead Avenue, HOMELAKE, Randfontein 1759, Gauteng Province, SOUTH AFRICA, South Africa ~72: GREYLING, Richard~ 33:ZA ~31:2022/07182 ~32:29/06/2022

2023/08368 ~ Complete ~54:RETENTION SYSTEM FOR A WEAR PART FOR A BUCKET FOR AN EARTH MOVING MACHINE ~71:KOMATSU KVX LLC NUF, PLOGFABRIKKVEGEN 9, 4353 KLEPP STASJON, NORWAY, Norway ~72: FURRE, Arnold;PIESSET, Jean-Pierre Vidal;UDAYAKUMAR, Anuop~ 33:NO ~31:20210163 ~32:09/02/2021

2023/08379 ~ Complete ~54:A SOLAR CELL COMPRISING A PLURALITY OF POROUS LAYERS AND CHARGE CONDUCTING MEDIUM PENETRATING THE POROUS LAYERS ~71:Exeger Operations AB, Box 55597, STOCKHOLM SE-102 04, SWEDEN, Sweden ~72: FILI, Giovanni;LINDSTRÖM, Henrik~ 33:EP ~31:21163437.3 ~32:18/03/2021

2023/08393 ~ Complete ~54:DISPENSER OF PARASITICIDAL SUBSTANCES ~71:MOSKYP S.R.L., Via Vincenzo Muccioli, 7, 47921, RIMINI, Italy ~72: ANDREA BISACCIONI~ 33:IT ~31:102021000005414 ~32:09/03/2021

2023/08353 ~ Complete ~54:APPLICATION OF FUSION PEPTIDE IN INHIBITING BACTERIAL BIOFILM FORMATION DURING PREVENTION AND TREATMENT OF SKIN WOUND INFECTION ~71:Kunming University of Science and Technology, No.727, Jingming South Road, Chenggong District, Kunming, Yunnan, 650500, People's Republic of China ~72: LIN, Lianbing;LIU, Weixin;TANG, Zhongqiong;WANG, Feng~

. - APPLIED ON 2023/08/31 -

2023/08426 ~ Complete ~54:VACCINE COMPOSITION FOR PREVENTING SARS-COV-2 ~71:Eyegene Inc., #B-1211,401, Yangcheon-ro, Gangseo-gu, SEOUL 07528, REPUBLIC OF KOREA, Republic of Korea ~72: CHO, Yang Je;KIM, Kwangsung;KIM, Seok Hyun~ 33:KR ~31:10-2021-0029928 ~32:08/03/2021;33:KR ~31:10-2021-0107267 ~32:13/08/2021

2023/08433 ~ Complete ~54:IMPROVED METHODS OF LIBRARY PREPARATION ~71:ILLUMINA, INC., 5200 Illumina Way, United States of America ~72: BUSBY, Kayla;GROSS, Stephen M.;SCHALEMBIER, Angelica Marie Barr;YUNGHANS, Allison~ 33:US ~31:63/167,150 ~32:29/03/2021;33:US ~31:63/224,201 ~32:21/07/2021

2023/08404 ~ Complete ~54:COFFIN TRANSPORT APPARATUS WITH REUSABLE HANDLES ~71:BOTES, FRANCOIS, 12 Ametis Street, South Africa ~72: BOTES, FRANCOIS~

2023/08437 ~ Complete ~54:BACK-END LASER INTEGRATION DEVICE FOR HIGH-END LASER DICING MACHINE OF MINILED CHIP ~71:GWEIKE TECH CO., LTD., West 800 Meters of Chunhui Road And Kejia Road, Suncun Industrial Park, High-Tech Zone, Jinan, People's Republic of China ~72: JIANG, Xifeng~ 33:CN ~31:2022104048343 ~32:18/04/2022

2023/08408 ~ Complete ~54:CENTERING POSITIONING DEVICE FOR PILE FOUNDATION CONSTRUCTION ~71:CCCC FIRST HIGHWAY ENGINEERING GROUP CO., LTD, Shitong Building A, Zhoujiajing, Guanzhuang, Chaoyang District, Beijing, 100024, People's Republic of China;Shandong Provincial Transportation Planning and

Design Institute Group Co., Ltd., Building 5#, Lianhecaifu Plaza, No.2177 Tianchen Road, Gaoxin District, Jinan City, Shandong Province, 250101, People's Republic of China;THIRD ENGINEERING CO.,LTD OF CCCC FIRST HIGHWAY ENGINEERING GROUP, No. 10 Jingsheng North Third Street, Jinqiao Science and Technology Industrial Base, Tongzhou Park, Zhongguancun Science and Technology Park, Tongzhou District, Beijing, People's Republic of China ~72: Deqiang LI;Guyue HU;Jihao SHI;Lei ZHANG;Wei RONG;Yibo YANG;Yongbing GUO;Zhenguo LIU;Zhenxi AI;Zhiqiang FU~

2023/08412 ~ Complete ~54:METHOD FOR MYSQL INCREMENTAL DATA REAL-TIME SYNCHRONIZATION, COMPUTER-READABLE STORAGE MEDIA ~71:COSCO SHIPPING TECHNOLOGY (BEIJING) CO., LTD., Room 15A, Block F, Fuhua Building, No. 8 Chaoyangmen North Street, Dongcheng District, People's Republic of China ~72: YANG, Bin;YU, Yang;ZHANG, Baoqing;ZHANG, Libin;ZHUANG, Li~ 33:CN ~31:202310987327.1 ~32:07/08/2023

2023/08419 ~ Complete ~54:RECHARGING ELECTRIC GENERATOR SYSTEM ~71:GARDINER, Cottrell Salisbury, 110 Fire Trail Road, New Providence, PO Box CR56930, Bahamas;GARDINER, Samantha Rene, 50 Route de Versailles, 78430, Louveciennes, France ~72: GARDINER, Cottrell Salisbury;GARDINER, Samantha Rene~ 33:US ~31:17/248,967 ~32:16/02/2021

2023/08403 ~ Complete ~54:HIGHLY-WRINKLED POROUS CARBON NANOSHEET AND PREPARATION METHOD THEREFOR ~71:Suzhou University, No. 49, Middle Bianhe Road, Yongqiao District, Suzhou, Anhui, 234000, People's Republic of China ~72: CHEN, Chong;SUN, Li~

2023/08416 ~ Complete ~54:METHOD FOR PRODUCING SPESOLIMAB ~71:BOEHRINGER INGELHEIM INTERNATIONAL GMBH, Binger Strasse 173, Germany ~72: LIPPMANN, Rico;WUCHERPFENNIG, Thomas~ 33:EP ~31:21171881.2 ~32:03/05/2021

2023/08425 ~ Complete ~54:INHIBITION OF EOSINOPHILIC TRAPS ~71:Citryll B.V., Kloosterstraat 9, OSS 5349 AB, THE NETHERLANDS, Netherlands ~72: CHIRIVI, Renato Gerardus Silvano;MELDRUM, Eric Charles;MONTIZAAN, Daphne;VAN ES, Helmuth Hendrikus Gerardus~ 33:EP ~31:21172160.0 ~32:04/05/2021;33:GB ~31:2111541.5 ~32:11/08/2021

2023/08471 ~ Provisional ~54:MEBILE PEDESTRIAN TRAFFIC SIGNAL ~71:Gilbert Davids, 57 Chatham Road, Heathfield, South Africa ~72: Gilbert Davids~ 33:ZA ~31:24 ~32:30/08/2023

2023/08457 ~ Complete ~54:METHOD AND SYSTEM FOR REDACTING UNDESIRABLE DIGITAL CONTENT ~71:LIGHTHOUSE TECHNOLOGIES LIMITED, 29 Craven Street, United Kingdom ~72: STEYNFAARDT, Stephan;Van REENEN, Pieter Meyer~ 33:GB ~31:2020296.6 ~32:21/12/2020

2023/08406 ~ Complete ~54:EXTRACTION PROCESS OF PIGEON PEA LEAF EXTRACT ~71:HENAN INTEGRATED MEDICINE HOSPITAL, NO. 7 CHENGBEI ROAD, People's Republic of China ~72: CHEN, Shenghu;JIAN, Dandan;LI, Huani;LIU, Changhe;LIU, Hongyi;REN, Xiaode;WANG, Yanyan;ZHANG, Mingli;ZHANG, Xuexia~

2023/08411 ~ Complete ~54:BCMA-TARGETED CAR-T CELL THERAPY FOR MULTIPLE MYELOMA ~71:Janssen Biotech, Inc., 800/850 Ridgeview Drive, HORSHAM 19044, PA, USA, United States of America;Legend Biotech USA Inc., 2101 Cottontail Lane, SOMERSET 08873, NJ, USA, United States of America ~72: DE ASCENSAO SLAUGHTER, Ana Rute;DERAEDT, William;LENDVAI, Nikoletta;LONARDI, Carolina;PACAUD, Lida;PATEL, Nitin;QIU, Yuhong;SCHECTER, Jordan Mark~ 33:US ~31:63/497,185 ~32:19/04/2023;33:US ~31:63/504,184 ~32:24/05/2023

2023/08438 ~ Complete ~54:A GAS DETECTION SYSTEM AND METHOD ~71:CSIR, CSIR Campus, Meiring Naude Road, Brummeria 0184, SOUTH AFRICA, South Africa ~72: Cox, Ettienne~ 33:GB ~31:1716534.1 ~32:09/10/2017

2023/08458 ~ Complete ~54:TRUNCATED EVANS BLUE MODIFIED FIBROBLAST ACTIVATION PROTEIN INHIBITOR, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF ~71:YANTAI LANNACHENG BIOTECHNOLOGY CO., LTD., Room 101, Building 52, No. 500 Binhai East Road, Muping District Yantai, People's Republic of China ~72: CHEN, Xiaoyuan;GUO, Zhide;HE, Tian;WU, Xiaoming;XU, Pengfei;YANG, Qingbao~ 33:CN ~31:202110182478.0 ~32:10/02/2021;33:CN ~31:202110753794.9 ~32:03/07/2021

2023/08405 ~ Complete ~54:A BIOMASS CARBON MATERIAL AND ITS PREPARATION PROCESS ~71:Xinjiang University, No. 777, Huarui Street, Shuimogou District, Urumqi, Xinjiang, People's Republic of China ~72: Ren tiezhen;Yuan xinhua~

2023/08409 ~ Complete ~54:COMPOSITION FOR TREATING VITILIGO ~71:WELWITCHIA HEALTH TRAINING CENTRE, 183 Industrial Street, Lafrenz, Namibia ~72: MAGESA, Emmanuel~ 33:ZA ~31:2022/09796 ~32:02/09/2022

2023/08415 ~ Complete ~54:DERIVATIVES OF IMIDAZO[4,5-D]PYRIDAZINE, THEIR PREPARATION AND THEIR THERAPEUTIC APPLICATION ~71:SANOFI, 46 Avenue de la Grande, France ~72: ARRANZ, Esther;BENEDETTI, Yannick;BRETIN, François;BRUN, Marie-Priscille;KARLSSON, Andreas;ZHANG, Jidong~ 33:EP ~31:21305143.6 ~32:03/02/2021

2023/08424 ~ Complete ~54:FORMULATIONS CONTAINING NON-IONIC SURFACTANTS AS EMULSION-MODIFIERS IN OIL TREATMENTS ~71:Sasol Chemicals GmbH, Anckelmannsplatz 1, HAMBURG 20537, GERMANY, Germany ~72: FERNANDEZ, Jorge;SOKHANVARIAN, Khatere;STANCIU, Cornell~ 33:US ~31:63/158,433 ~32:09/03/2021

2023/08459 ~ Complete ~54:COMPOUND TARGETING PROSTATE SPECIFIC MEMBRANE ANTIGEN, AND PREPARATION METHOD THEREFOR AND USE THEREOF ~71:YANTAI LANNACHENG BIOTECHNOLOGY CO., LTD., Room 101, Ruilding 52, No.500 Binhai East Road, Muping District Yantai, People's Republic of China ~72: CHEN, Xiaoyuan;XU, Pengfei~ 33:CN ~31:202110225558.X ~32:01/03/2021

2023/08435 ~ Complete ~54:ANTIBODIES AGAINST HUMAN TSLP AND USE THEREOF ~71:BEIJING WISDOMAB BIOTECHNOLOGY CO., LTD, Unit A-738, Building No. 2, No. 22 Tongji North Road, Beijing Economic and Technological Development Area, Daxing District, Beijing, 101111, People's Republic of China;CHONGQING GENRIX BIOPHARMACEUTIAL CO., LTD., Block A, Building 2, No. 699, Maliu Avenue, Banan District, Chongqing, 401319, People's Republic of China;GENRIX (SHANGHAI) BIOPHARMACEUTICAL CO., LTD., 5/f, Building 1, 581 Shenkuo Road, China (Shanghai) Pilot Free Trade Zone, Pudong New Area, Shanghai, 201203, People's Republic of China ~72: JUNJIE HU;XIAOBO HAO;XIAOWEI ZHOU;XUEPING ZHANG;YULAN LIU;ZHIGANG LIU~ 33:CN ~31:202110147687.1 ~32:03/02/2021

2023/08410 ~ Complete ~54:PREFABRICATED DIAPHRAGM WALL, PREPARATION DEVICE AND DIAPHRAGM WALL CONSTRUCTION METHOD ~71:CHINA RAILWAY FIRST GROUP (GUANGZHOU) CONSTRUCTION ENGINEERING CO., LTD., Room 1901, 1902, 1903, 1904, 1905, 1906, 1907, 1908, 1909, 1910, No. 115, Jiaoxi Road, Huangge Town, Nansha District, Guangzhou, Guangdong, 511455, People's Republic of China;CHINA RAILWAY FIRST GROUP CO.,LTD., No. 1, Yanta North Road, Beilin District, Xi'an, Shaanxi, 710054, People's Republic of China;GUANGZHOU UNIVERSITY, No. 230, Waihuan West Road, Higher Education Mega Center, Guangzhou, 510006, People's Republic of China ~72: CHENG JIANG;CHENGSHUANG XU;JINBO JIANG;JINGGUI QIN;PENGCHENG ZHANG;QIONG OU;SHENG

HAN;SHUBO HE;WEILI LUO;WENXUAN YANG;YONGJIU TANG~ 33:CN ~31:202310733286.3 ~32:19/06/2023

2023/08417 ~ Complete ~54:SOLAR POWER GENERATION SYSTEM AND REFLECTOR FOR SOLAR POWER GENERATION SYSTEM ~71:C. I. TAKIRON CORPORATION, 1-3, Umeda 3-chome, Kita-ku, Japan;C. I. TAKIRONCIVIL CORPORATION, 1-3, Umeda 3-chome, Kita-ku, Japan;NICHIMO CORPORATION, 9th Floor, Tokyotatemonomuromachi Bldg., 3-18 Nihombashimuromachi, 4-chome, Japan ~72: HIURA, Ichiro;HYUGA, Yuki;KOINOUCHI, Takahiro;NAKAI, Takaaki;ONISHI, Kohei~ 33:JP ~31:2021-015113 ~32:02/02/2021

2023/08432 ~ Complete ~54:DIAZEPINE DERIVATIVES USEFUL IN THE TREATMENT OF CLOSTRIDIUM DIFFICILE ~71:Recursion Pharmaceuticals, Inc., 41 S. Rio Grande, SALT LAKE CITY 84101, UT, USA, United States of America ~72: BROOKS, Carl;CARPENTER, Joseph;GENIN, Michael James~ 33:US ~31:63/155,651 ~32:02/03/2021

2023/08439 ~ Complete ~54:MRNA PURIFICATION BY TANGENTIAL FLOW FILTRATION ~71:ETHRIS GMBH, Semmelweisstrasse 3, 82152, Planegg, Germany ~72: JOHANNES GEIGER;MARTIN TREML~ 33:EP ~31:19156522.5 ~32:11/02/2019

2023/08401 ~ Provisional ~54:ROCK BOLT COMPONENT, A METHOD OF MANUFACTURING A ROCK BOLT COMPONENT AND A ROCK BOLT ASSEMBLY ~71:RSC Mining (Pty) Ltd, 1 Tedstone road,, South Africa ~72: TBA~

2023/08400 ~ Provisional ~54:PROCESS AND METHOD FOR PRODUCING USABLE HYDROCARBONS FROM A HETERGENEOUS SOLID WASTE STREAM ~71:ROOIKAT PROJECTS (PTY) LTD, 229 Pinnacle Point, South Africa ~72: HOBBS, Mark~

2023/08414 ~ Complete ~54:AEROSOL-GENERATING ROD WITH MULTIPLE AEROSOL-GENERATING SEGMENTS ~71:PHILIP MORRIS PRODUCTS S.A., Quai Jeanrenaud 3, Switzerland ~72: BATISTA, Rui Nuno Rodrigues Alves;BEDASSO, Bekele Alemu;BONGIOVANNI, Gianluca;OLIANA , Valerio;SEREDA , Alexandra~ 33:EP ~31:21154825.0 ~32:02/02/2021

2023/08422 ~ Complete ~54:LID ELEMENT AND CLOSURE ASSEMBLY FOR A BEVERAGE CONTAINER ~71:Ardagh Metal Packaging Europe GmbH, Grafenauweg 4, ZUG 6300, SWITZERLAND, Switzerland ~72: JÖBGES, Udo;PAWELLA, Frank;RIECK, Hajo~ 33:DE ~31:10 2021 106 980.7 ~32:22/03/2021

2023/08429 ~ Complete ~54:SOTORASIB DOSING REGIMEN ~71:Amgen Inc., One Amgen Center Drive, THOUSAND OAKS 91320-1799, CA, USA, United States of America ~72: DUTTA, Sandeep;FRIBERG, Gregory;HENARY, Haby;HOUK, Brett E.;MATHER, Omar A.;NGARMCHAMNANRITH, Gataree~ 33:US ~31:63/162,273 ~32:17/03/2021;33:US ~31:63/185,054 ~32:06/05/2021;33:US ~31:63/190,096 ~32:18/05/2021

2023/08399 ~ Provisional ~54:FIRE LIGHTER ~71:WENTZEL, Dewald, BUFFALO THORN 85, XANADU NATURE ESTATE, HARTBEESPOORTDAM, 0216, SOUTH AFRICA, South Africa ~72: WENTZEL, Dewald~

2023/08413 ~ Complete ~54:GARBAGE CLASSIFICATION METHOD BASED ON VOICE CLASSIFICATION, DEVICE THEREFOF, TERMINAL THEREFOF AND STORAGE MEDIUM THEREFOF ~71:SHENZHEN TECHNOLOGY UNIVERSITY, No. 3002 Lantian Road, Shijing Street, Pingshan District, Shenzhen, People's Republic of China ~72: HE, Zhan;WANG, Yanyan;YIN, Xiaohong~

2023/08423 ~ Complete ~54:RNAI CONJUGATES AND USES THEREOF ~71:Dicerna Pharmaceuticals, Inc., 75 Hayden Avenue, LEXINGTON 02421 , MA, USA, United States of America ~72: ABRAMS, Marc;DUDEK, Henryk

T.;GANESH, Shanthi;KRISHNAN, Harini Sivagurunatha~ 33:US ~31:63/157,465 ~32:05/03/2021;33:US ~31:63/214,153 ~32:23/06/2021

2023/08430 ~ Complete ~54:PROSTHETIC HEART VALVE HAVING ELONGATED SEALING MEMBER ~71:Edwards Lifesciences Corporation, One Edwards Way, IRVINE 92614, CA, USA, United States of America ~72: HAN, Jiangxue;NGUYEN, Tammy;PHAM, Bich Hoang;ROSEN, Izaak;ULRICH, Timothy C.~ 33:US ~31:63/164,663 ~32:23/03/2021

2023/08436 ~ Complete ~54:NOVEL SQUASH PLANT AND METHOD FOR PRODUCING SAME ~71:SAKATA SEED CORPORATION, 2-7-1, Nakamachidai, Tsuzuki-ku Yokohama-shi, Kanagawa, 2240041, Japan ~72: TAKESHI HAMANO~ 33:JP ~31:2021-044448 ~32:18/03/2021

2023/08402 ~ Provisional ~54:ARTIFICIAL INTELLIGENCE POWERED SMART TELEVISION WITH BUILT-IN CAMERA AND FACE RECOGNITION ~71:Ahmed Waseef Saib, 24 Park Avenue, Tongaat 24 Park Avenue, Tongaat Beach, South Africa ~72: Ahmed Waseef Saib~

2023/08407 ~ Complete ~54:SIGNAL TRANSMISSION MECHANISM OF CONTROL SYSTEM OF EDUCATIONAL ROBOT ~71:Anhui Polytechnic University, No.8, Beijing Middle Road, Guandou Street, Zhenjiang District, Wuhu City, Anhui Province, 241000, People's Republic of China ~72: Hai WANG;Jinshi CHENG;Jiufang PEI;Manman XU;Siyang YANG;Zhen ZHANG~

2023/08418 ~ Complete ~54:FOOTWEAR WITH ACTIVE TEMPERATURE AND HUMIDITY CONTROL ~71:HARD & GUARD INDUSTRIES S.R.L., Via Gaetano Salevemini, 12, Italy ~72: SPINA, Daniele~ 33:IT ~31:102021000003041 ~32:11/02/2021

2023/08431 ~ Complete ~54:A WATER AND STEAM SEPARATOR OF A BOILER DRUM ~71:Andritz Oy, Tammasaarenkatu 1, HELSINKI 00180, FINLAND, Finland ~72: KAREMA, Hannu;RÖPPÄNEN, Jukka~ 33:FI ~31:20215337 ~32:25/03/2021

2023/08420 ~ Complete ~54:CARDIAC SARCOMERE INHIBITORS ~71:Cytokinetics, Inc., 350 Oyster Point Blvd, SOUTH SAN FRANCISCO 94080, CA, USA, United States of America ~72: ASHCRAFT, Luke W.;CHUANG, Chihyuan;GARCIA, Alfredo;HO, Justin;MORGAN, Bradley P.~ 33:US ~31:63/156,853 ~32:04/03/2021

2023/08428 ~ Complete ~54:IMMORTALIZED CELL LINE FOR ENGINEERED SYNTHETIC LEATHER ~71:VitroLabs Inc, 1561 Buckeye Drive, MILPITAS 95035, CA, USA, United States of America ~72: HALBERSTADT, Craig;SHIH, Ying Hsuan~ 33:US ~31:63/152,256 ~32:22/02/2021

2023/08421 ~ Complete ~54:MULTIMERIC CHELATOR COMPOUNDS FOR USE IN TARGETED RADIOTHERAPY ~71:Bayer AS, Drammensveien 288, OSLO 0283, NORWAY, Norway;Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 1, LEVERKUSEN 51373, GERMANY, Germany ~72: BRUMBY, Thomas;CRUCIANI, Véronique;CUTHBERTSON, Alan;INDREVOLL, Bård;KRISTIAN, Alexander;KROGSTIE, Vilde Roko;RAFIQUE, Waqas~ 33:EP ~31:21154574.4 ~32:01/02/2021

2023/08427 ~ Complete ~54:NLRP3 INHIBITORS ~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72: BOUCHE, Lea Aurelie;GUBA, Wolfgang;JAESCHKE, Georg;MESCH, Stefanie Katharina;TOSSTORFF, Andreas Michael~ 33:EP ~31:21173452.0 ~32:12/05/2021;33:EP ~31:21209447.8 ~32:22/11/2021;33:EP ~31:21215859.6 ~32:20/12/2021

2023/08434 ~ Complete ~54:BLOCKING OLIGONUCLEOTIDES FOR THE SELECTIVE DEPLETION OF NON-DESIRABLE FRAGMENTS FROM AMPLIFIED LIBRARIES ~71:ILLUMINA, INC., 5200 Illumina Way, San Diego,

United States of America ~72: BARR, Angelica;BROWN, Colin;GROSS, Stephen M.;SHULTZABERGER, Sarah;SNOW, Samantha~ 33:US ~31:63/169,185 ~32:31/03/2021

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2023/08464 ~ 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 ~31:63/145,964 ~32:04/02/2021

2023/08446 ~ Complete ~54:PLUG SEEDLING AND STRENGTHENING METHOD FOR LYCIUM RUTHENICUM ~71:Gansu Desert Control Research Institute, No. 390, Beibinhe West Road, Anning District,, Lanzhou, Gansu Province, 730070, People's Republic of China ~72: CHEN, Sihang;DUAN, Huirong;HU, Jing;HU, Xiaoke;WAN, Shuxing;WANG, Zhongwen;XIAO, Bin;YU, Qiushi~

2023/08451 ~ Complete ~54:SHEAR SLIP GLASS SEPARATION DEVICE AND ITS OPERATION METHOD ~71:Anhui Polytechnic University, Beijing Middle Road, Wuhu City, Anhui Province, 241000, People's Republic of China ~72: Guodong HU;Hongwei LI;Songsong LU;Yi LI;Youyu LIU~ 33:CN ~31:2023105390722 ~32:11/05/2023

2023/08463 ~ Complete ~54:NOVEL COMPOUNDS ~71:CEREVANCE, INC., ONE MARINA PARK DRIVE, SUITE 1410, BOSTON, MASSACHUSETTS 02210, USA, United States of America ~72: BÜRLI, Roland;DOYLE, Kevin;TEALL, Martin~ 33:GB ~31:2101734.8 ~32:08/02/2021

2023/08466 ~ Complete ~54:AN ELECTRIC SHOCK DEVICE ~71:DU PLESSIS, Christoffel, Johannes, 32 BENTWOOD, UYS KRIGE STREET, LANGENHOVEN PARK, BLOEMFONTEIN, 9301, SOUTH AFRICA, South Africa ~72: DU PLESSIS, Christoffel, Johannes~ 33:ZA ~31:2021/01415 ~32:02/03/2021

2023/08468 ~ Complete ~54:DOSING REGIME FOR TREATMENT OF CHRONIC HAND ECZEMA ~71:Pfizer Inc., 66 Hudson Boulevard East, NEW YORK 10001-2192, NY, USA, United States of America ~72: CHAN, Gary Lap-Chiu;NEARY, Maureen Patricia;VALDEZ, Hernan~ 33:US ~31:63/144,912 ~32:02/02/2021

2023/08444 ~ Provisional ~54:PROCESS AND APPARATUS FOR PRODUCING USABLE HYDROCARBONS FROM A HETEROGENEOUS SOLID WASTE STREAM ~71:ROOIKAT RECYCLING (PTY) LTD, 229 Protea Drive, Pinnacle Point, South Africa ~72: HOBBS, Mark~

2023/08452 ~ Complete ~54:ONLINE MULTI OBJECT TRACKING METHOD COMBINED WITH THE LIGHTWEIGHT DEEP APPEARANCE EXTRACTION ~71:Anhui Polytechnic University, Beijing Middle Road, Wuhu City, Anhui Province, 241000, People's Republic of China ~72: Hongwei LI;Qijie WANG;Songsong LU;Yi LI;Youyu LIU~ 33:CN ~31:2023104804330 ~32:28/04/2023

2023/08442 ~ Provisional ~54:SURVEILLANCE SYSTEM ~71:MARTHINUS JOHANNES NEL, 33 Memel Street, Wierdapark, Centurion, 0157, South Africa ~72: MARTHINUS JOHANNES NEL~

2023/08447 ~ Complete ~54:A CARRIER ASSEMBLY ~71:VDM SUPPLY CHAIN SOLUTIONS (PTY) LTD, FARM NO. 127/1, YZERVARKENSRUG, 7395 SALDANHA, SOUTH AFRICA, South Africa ~72: VAN ZYL, Petrus, Johannes, Adriaan~

2023/08454 ~ Complete ~54:THE DEVICE AND THE METHOD FOR SPRAYING S-ENYL ESTER ON IN-PRODUCTION REBAKING TOBACCO LEAVES ~71:China Tobacco Henan Industrial Co., Ltd., No. 16, Yulin South Road, Zhengdong New District, Zhengzhou City, Henan Province, 450016, People's Republic of China ~72:

Bo Li;Feng Bai;Genfa Wang;Hongtao Shen;Xianghong Cheng;Xinling Yang;Yong Liu~ 33:CN ~31:202310429365.5 ~32:19/04/2023

2023/08465 ~ Complete ~54:ELECTRONIC DEVICE FOR APPLYING DIRECTIONALITY TO AUDIO SIGNAL, AND METHOD THEREFOR ~71:SAMSUNG ELECTRONICS CO., LTD., 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea ~72: BYEONGJUN KIM;JAEHYUN KIM;JUNSOO LEE;SANGJU LEE~ 33:KR ~31:10-2021-0027626 ~32:02/03/2021

2023/08461 ~ Complete ~54:METHOD FOR DIAGNOSIS AND TREATMENT OF DEEP TISSUE INJURY USING SUB-EPIDERMAL MOISTURE MEASUREMENTS ~71:BRUIN BIOMETRICS, LLC, 10877 Wilshire Blvd.,, Suite 1600, United States of America ~72: BURNS, Martin, F.;IYER, Vignesh Mani~ 33:US ~31:63/158,713 ~32:09/03/2021;33:US ~31:63/316,218 ~32:03/03/2022

2023/08462 ~ Complete ~54:FOLATE RECEPTOR-TARGETED RADIOTHERAPEUTIC AGENTS AND THEIR USE ~71:NOVARTIS AG, Lichtstrasse 35, Switzerland ~72: LEAMON, Christopher P.;REDDY, Joseph A.;SANTHAPURAM, Hari Krishna R.;VLAHOV, Iontcho R.~ 33:US ~31:63/175,883 ~32:16/04/2021

2023/08470 ~ Complete ~54:SYSTEMS AND METHODS TO ENHANCE AND DEVELOP NEW GAMES ~71:ANAND, Indu M., 15 Green Way, Chelmsford, Massachusetts, 01824, United States of America ~72: ANAND, Indu M.;ANAND, Ishan;ANAND, Pranav~ 33:US ~31:17/168,139 ~32:04/02/2021

2023/08441 ~ Provisional ~54:WATER TURBINE ARRANGEMENT ~71:UDOBID AJAM GREEN ENERGY SOLUTIONS (PTY) LTD, 622 Block F West, Tshwane, Tshwane, Gauteng, 0152, South Africa ~72: TSHOLOFELO DIBODU~

2023/08469 ~ Complete ~54:CONNECTED HATCHERY COMPRISING A PLURALITY OF DEVICES FOR HANDLING, PROCESSING OR VACCINATING EGGS OR CHICKS ~71:Ceva Sante Animale, 10 Avenue de la Ballastière, LIBOURNE 33500, FRANCE, France ~72: BOYER, William;GONZALEZ, Carlos;NINET, Olivier;VEYRENT, Stéphane~ 33:EP ~31:21155835.8 ~32:08/02/2021

2023/08448 ~ Complete ~54:EDUCATION BASED RECORD KEEPING SYSTEM ~71:EDUCHECK (PTY) LTD, 237 SALIE STREET, CHANTELLE, AKASIA 0182, South Africa ~72: JANSE VAN RENSBURG, Bernice;PRETORIUS, Johanna, Maria~

2023/08467 ~ Complete ~54:SUBSTITUTED (2-HETEROARYLOXYPHENYL)SULFONATES, SALTS THEREOF AND THEIR USE AS HERBICIDAL AGENTS ~71:Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 1, LEVERKUSEN 51373, GERMANY, Germany ~72: BOLLENBACH-WAHL, Birgit;BRAUN, Ralf;DITTGEN, Jan;GATZWEILER, Elmar;MCLEOD, Michael Charles;PADMANABAN, Mohan;REINGRUBER, Anna Maria;ROTH, Sina;SCHMUTZLER, Dirk;SCHNATTERER, Stefan~ 33:EP ~31:21155250.0 ~32:04/02/2021

2023/08443 ~ Provisional ~54:OBTAINING PROTEIN FROM INSECTS OR WORMS ~71:STELLENBOSCH UNIVERSITY, Admin B, Victoria Street, South Africa ~72: CHAKAWA, Dennis Panashe;GOOSEN, Neill Jurgens~

2023/08460 ~ Complete ~54:ANTI-PD-1 ANTIBODY AND USE THEREOF ~71:GENUV INC., 14, CHEONGGYECHEON-RO, JUNG-GU, SEOUL 04520, KOREA, Republic of Korea ~72: BAE, Dong Goo;CHO, Eun Ji;HAN, Sung Ho;KIM, Hae Mi;KIM, Ja Young;KIM, Kyoung Jin;PARK, Chae Gyu;PARK, Heung Rok;YOON, Myeong Jin~ 33:KR ~31:10-2021-0015937 ~32:04/02/2021;33:KR ~31:10-2021-0070443 ~32:31/05/2021;33:KR ~31:10-2021-0139442 ~32:19/10/2021

2023/08449 ~ Complete ~54:A STABLE AND EASY-TO-UPGRADE ROBOT CONTROL SYSTEM FOR FORGING PROCESSING ~71:Anhui Polytechnic University, No.8 Beijing Middle Road, Guanchu Street,

Zhenjiang District, Wuhu City, Anhui Province, 241000, People's Republic of China ~72: Chunlai YANG;Hai WANG;Jinshi CHENG;Jiufang PEI;Yanchang ZHENG~

2023/08450 ~ Complete ~54:A FRONT-END DEVICE OF A SMALL MEDICAL TRACKING AND MONITORING SYSTEM ~71:Anhui Polytechnic University, No.8, Beijing Middle Road, Guandou Street, Zhenjiang District, Wuhu City, Anhui Province, 241000, People's Republic of China ~72: Hai WANG;Jinshi CHENG;Jiufang PEI;Manman XU;Siyang YANG;Zhen ZHANG~

2023/08453 ~ Complete ~54:MULTI-THICKNESS ORE UNLOADING MAT ~71:NEXUS MINE PTY LTD., 8 Dunlop Court, Australia ~72: MEDEL ECHEVERRÍA, Manuel Alexander~ 33:CL ~31:202202383 ~32:01/09/2022

2023/08455 ~ Complete ~54:A NOVEL LED WIND-SOLAR COMPLEMENTARY STREET LAMP ~71:Anhui FangYong New Energy Technology Co., Ltd., Gucheng North Road, Economic and Technological Development Zone, Shucheng County, Lu'an City, Anhui Province, 231300, People's Republic of China ~72: Guangliang Chen;Jirong Deng;Yong Fang;Yong Jiang~ 33:CN ~31:202310858799.7 ~32:13/07/2023

2023/08440 ~ Provisional ~54:POLE FOR USE WITH ELECTRICAL APPARATUS ~71:MARCUS, Dean Shane, 65 Serenade Road, Elandsfontein, South Africa ~72: MARCUS, Dean Shane~

2023/08445 ~ Provisional ~54:MIND ARTIFICIAL INTELLIGENCE CONTENT ~71:Amram Micaih Mofomme, 888 Block C, South Africa ~72: Amram Micaih Mofomme~ 33:EU ~31:1 ~32:01/03/2023;33:OA ~31:1 ~32:01/03/2023;33:WO ~31:1 ~32:01/03/2023

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2023/08474 ~ Provisional ~54:BRACE-FACE DOUBLE FOLDING ORTHODONTIC MOUTHGUARD ~71:Dr. Anje Holtzhausen, 7 Lily Street, Mangold Park, South Africa ~72: Anje Holtzhausen~ 33:ZA ~31:1 ~32:02/09/2023

. - APPLIED ON 2023/09/04 -

2023/08481 ~ Complete ~54:OUTDOOR GARBAGE BIN ~71:Chongqing University of Arts and Sciences, No. 319 Honghe Avenue, Yongchuan District, Chongqing, 402160, People's Republic of China ~72: JIANG, Long;WANG, Feifei;YANG, Liu~

2023/08491 ~ Complete ~54:A METHOD FOR PREPARING BA(1-2X)MOO4:XPR3+ RED FLUORESCENT POWDER BY COMBUSTION METHOD ~71:NANTONG UNIVERSITY, NO.9 Seyuan Road, Nantong, Jiangsu, People's Republic of China ~72: GONG, Lei;LI, Minmin;MIAO, Jianwen~ 33:CN ~31:CN2023109927500 ~32:07/08/2023

2023/08497 ~ Complete ~54:SMART VALVE ADAPTOR WITH INTEGRATED ELECTRONICS ~71:BRAY INTERNATIONAL, INC., 13333 Westland E Blvd., Houston, Texas, 77041, United States of America ~72: BRINDESH DHRUVA;CRAIG BROWN;JIM SCHMIDT;MICHAEL KITCHENS;STAN ALLEN~ 33:US ~31:62/776,033 ~32:06/12/2018

2023/08500 ~ Complete ~54:A 19-NOR C3,3-DISUBSTITUTED C21-N-PYRAZOLYL STEROID FOR THE TREATMENT OF MAJOR DEPRESSIVE DISORDER ~71:SAGE THERAPEUTICS, INC., 215 First Street, Cambridge, United States of America ~72: ADIWIJAYA, Bambang, Senoaji;DOHERTY, James;DUNBAR, Joi, Lisa;GUNDUZ-BRUCE, Handan;JONAS, Jeffrey, Martin;KANES, Stephen, Jay;LASSER, Robert, Alfonso~ 33:US ~31:63/162,501 ~32:17/03/2021;33:US ~31:63/284,592 ~32:30/11/2021

2023/08472 ~ Provisional ~54:FIREARM DISABLER AND TRACKING DEVICE ~71:Wayne H Erasmus, 195 10th Avenue, South Africa ~72: Wayne H Erasmus~

2023/08506 ~ Complete ~54:SEMI-FABRICATED ULTRA-HIGH PERFORMANCE CONCRETE (UHPC) COMBINED SHIELDING HOUSING ~71:Shanghai Nuclear Engineering Research & Design Institute Co., Ltd., CHENG, Shujian, No. 29 Hongcao Road, SHANGHAI 200000, CHINA (P.R.C.), People's Republic of China ~72: CHENG (Deceased), Shujian;CHU, Meng;GE, Honghui;LI, Cheng;ZHENG, Mingguang~ 33:CN ~31:202110161263.0 ~32:05/02/2021

2023/08507 ~ Complete ~54:DRIVER EVALUATION DEVICE AND DRIVER EVALUATION SYSTEM ~71:YAZAKI CORPORATION, 8-15, Konan 1-Chome, Minato-ku, Tokyo, 1080075, Japan ~72: KOSUKE KOGO~ 33:JP ~31:2021-053709 ~32:26/03/2021

2023/08475 ~ Provisional ~54:BROKEN NEUTRAL SAFETY DEVICE FOR 230V RESIDENTIAL INSTALLATIONS ~71:Quentin Louw, 15 Odendaal Street , Verwoerdpark , Alberton, South Africa ~72: Quentin Elliott Louw~

2023/08479 ~ Provisional ~54:FUNCTIONAL NEUROBEHAVIOURAL PROFILING SYSTEM ~71:K2 Neuro (Pty) Ltd, Glenrant Building Suite 002, 62 Glenwood Road, South Africa ~72: AYRES, Karin;NEDERVEEN, Karlien~

2023/08488 ~ Complete ~54:SYSTEM FOR MEASURING EFFECTIVE RAIN FACTOR OF FARMLAND AND METHOD THEREFOR ~71:China Pingmei Shenma Holdings Group Co., Ltd., Yard 21, Kuanggong Middle Road, Pingdingshan City, Henan Province, 467002, People's Republic of China;Henan Jinjian Xingye Municipal Road and Bridge Co., Ltd., No. 206, Floor 2, Building 29 # 30 #, Jinjianyueheyuan, Ping'an Avenue, Xinhua District, Pingdingshan, Henan Province, 467002, People's Republic of China;Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: JIA, Zhe;KUANG, Xu;LI, Bingbing;LI, Changjun;LI, Ying;LIU, Xiaofei;WEI, Pengfei;ZHANG, Qiang;ZHU, Tao~

2023/08492 ~ Complete ~54:HYDRAULIC SELF-ADAPTIVE ELECTROCHEMICAL SEMI-FLEXIBLE REACTION DEVICE ~71:China Construction Industrial & Energy Engineering Group Co., Ltd., No.6, Wenlan Road, Qixia District Nanjing, Jiangsu, 210000, People's Republic of China ~72: GAO, Yuan;HUANG, Yiping;JI, Yufan;LIU, Hanfei;NI, Songbo;ZHU, Hao~ 33:CN ~31:2022114043774 ~32:10/11/2022

2023/08505 ~ Complete ~54:STABLE AGROCHEMICAL COMPOSITION ~71:UPL Limited, UPL House, 610 B/2, Bandra Village, Off Western Express Highway, Bandra-East, MUMBAI 400051, MAHARASHTRA, INDIA, India ~72: CHAKHALE, Tusharkumar Bhagwat;CHAVAN, Popat Ganesh;CHOKASHI, Kalpesh Parimal;SAINI, Anil;SHIRSAT, Rajan Ramakant~ 33:IN ~31:202121005077 ~32:05/02/2021

2023/08477 ~ Provisional ~54:VEHICLE-BASED CAMPING ACCOMMODATION ~71:Badger Caravans CC, Unit 8, Nutwood Industrial Park, 144 Brackenhill Road, South Africa ~72: NIEMANN, Jeffrey~

2023/08478 ~ Provisional ~54:HOPPER COUPLING ~71:VAN ZYL, Cornis, 8 Dawn Ave, Flamwood, South Africa ~72: VAN ZYL, Cornis~

2023/08484 ~ Complete ~54:TRADITIONAL CHINESE MEDICINE FOR TREATING LATE COUGH CAUSED BY VIRAL INFECTION ~71:Wenxuan Zhao, No. 19, Building 77, Shanqiao Community, Jiaojiang Dist., Taizhou, Zhejiang, People's Republic of China ~72: Wenxuan Zhao~

2023/08494 ~ Complete ~54:TRADITIONAL CHINESE MEDICINE COMPOSITION FOR TREATING CORONAVIRUS ~71:Xuefen Feng, No. 19, Building 77, Shanqiao Community, Jiaojiang Dist., Taizhou, Zhejiang, People's Republic of China ~72: Xuefen Feng~

2023/08496 ~ Complete ~54:PHARMACEUTICAL COMPOSITIONS OF THERAPEUTICALLY ACTIVE COMPOUNDS ~71:LES LABORATOIRES SERVIER, 35 rue de Verdun, Suresnes Cedex, 92284, France ~72: CHONG-HUI GU~ 33:US ~31:61/953,487 ~32:14/03/2014;33:US ~31:62/081,542 ~32:18/11/2014

2023/08498 ~ Complete ~54:TOOL FOR TRANSPORTING SPECIAL PIPE IN LONG SPACE ~71:CHINA CONSTRUCTION INDUSTRIAL & ENERGY ENGINEERING GROUP CO., LTD., No. 6 Wenlan Road, Qixia District, Nanjing, People's Republic of China ~72: GUO, Jiaqi;LI, Qi;LI, Wei;LIU, Jing;LIU, Junbing;SU, Kuikui;YANG, Chunli;ZHANG, Lianying;ZHANG, Mingming;ZUO, Wei~ 33:CN ~31:2023105040682 ~32:06/05/2023

2023/08504 ~ Complete ~54:TRICYCLIC COMPOUNDS AND USES THEREOF ~71:HUTCHMED Limited, Building 4, 720 Cailun Road, Pilot Free Trade Zone, SHANGHAI 201203, CHINA (P.R.C.), People's Republic of China ~72: DAI, Guangxiu;DENG, Wei;XIAO, Kun~ 33:CN ~31:202110166021.0 ~32:05/02/2021;33:CN ~31:202210069346.1 ~32:21/01/2022

2023/08508 ~ Complete ~54:ELECTRONIC DEVICE COMPRISING FOLDABLE FLEXIBLE PLATE ~71:SAMSUNG ELECTRONICS CO., LTD., 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea ~72: HOYEON KIM;JUNGCHUL AN;KWANGHEE RYU;SEONGJUN KIM;YOUNGJAE KWON~ 33:KR ~31:10-2021-0029533 ~32:05/03/2021;33:KR ~31:10-2021-0171175 ~32:02/12/2021

2023/08501 ~ Complete ~54:MARINE VESSEL COMPRISING A PLANING HULL ~71:THE ULTIMATE BOAT COMPANY LIMITED, 8 St George's Street Douglas, United Kingdom ~72: MACANDREW, Colin;MOXHAM, John~ 33:EP ~31:21156803.5 ~32:12/02/2021

2023/08473 ~ Provisional ~54:INDIRECT CONTRACTOR'S COMMISSION ~71:Somelezo Matutu, P.O Box 34, South Africa ~72: Somelezo Matutu~

2023/08482 ~ Complete ~54:DIGESTION METHOD FOR GOLD AND SILVER COMPOSITE PARTICLES ~71:DU LAN JINHUI MINING CO., LTD, Jinciwan, Wulonggou, Nuomuhong Township, Dulan County, Haixi Prefecture, Qinghai Province, 816100, People's Republic of China ~72: LI, Junbang;WANG, Qian;YE, Jiang~

2023/08486 ~ Complete ~54:TRADITIONAL CHINESE MEDICINE COMPOSITION FOR TREATING PNEUMOVIRUS ~71:Xuefen Feng, No. 19, Building 77, Shanqiao Community, Jiaojiang Dist., Taizhou, Zhejiang, People's Republic of China ~72: Xuefen Feng~

2023/08543 ~ Complete ~54:DESALINATION DEVICE AND PROCESS FOR RECOVERY AND VALORISATION OF CHLORIDES IN DILUTE SOLUTIONS ~71:GENIO SRL, Vicolo San Giovanni sul Muro 9, Italy ~72: Marco TREVISAN;Stefano CAVALLI~ 33:IT ~31:102021000002963 ~32:10/02/2021

2023/08480 ~ Provisional ~54:ANTI-TAMPER WATER METER ENCLOSURE AND METHOD OF INSTALLING SAME ~71:GOVENDER, Preevin, 18 Whitehall Place, Mount Edgecombe, DURBAN 4302, KZN, SOUTH AFRICA, South Africa ~72: GOVENDER, Preevin~

2023/08487 ~ Complete ~54:FIXED-COLUMN TYPE CANTILEVER CRANE ~71:China Tiesiju Civil Engineering Group Co., Ltd., No. 96, Wangjiang East Road, Baohe District, Hefei, Anhui, 230022, People's Republic of China ~72: Chen Lin;Deng Qiang;Duan Qinan;Li Yunhao;Liu Linfu;Pei Yuhu;Wu Yusong~ 33:CN ~31:CN202211087891.X ~32:07/09/2022

2023/08490 ~ Complete ~54:MEDIUM FOR CULTURING MONOCHASMA SAVATIERI FRANCH. EX MAXIM. AND APPLICATION THEREOF, AND METHOD FOR RAPIDLY CULTIVATING SEEDLINGS OF MONOCHASMA SAVATIERI FRANCH. EX MAXIM. ~71:Zhejiang Chinese Medical University, No. 548, Binwen Road, Binjiang District, Hangzhou City, Zhejiang Province, 310051, People's Republic of China;Zhejiang Chinese Medical University Songyang Research Institute Co., Ltd., Room 501, 5th Floor, Administrative Building, Lishui Agricultural and Forestry Technician College, No. 199 South Ring Road, Shuinan Street, Songyang County, Lishui City, Zhejiang Province, 323400, People's Republic of China ~72: FANG, Zheng;SHEN, Xiaoxia;SHEN, Yufeng;SUN, Yiming;YE, Ping~

2023/08503 ~ Complete ~54:INTERACTIVE SYSTEM FOR ASSISTING WITH A VETERINARY EVALUATION PROCEDURE ~71:Ceva Sante Animale, 10 Avenue de la Ballastière, LIBOURNE 33500, FRANCE, France ~72: LE TALLEC, Bertrand;LEORAT, Jean;ROULLEAU, François~ 33:EP ~31:21156213.7 ~32:10/02/2021

2023/08502 ~ Complete ~54:CAST-IN-PLACE ULTRA-HIGH PERFORMANCE CONCRETE (UHPC) COMPOSITE SHIELDING SHELL ~71:Shanghai Nuclear Engineering Research & Design Institute Co., Ltd., CHENG, Shujian, No.29 Hongcao Road, Xuhui District, SHANGHAI 200000, CHINA (P.R.C.), People's Republic of China ~72: CHENG (Deceased), Shujian;DOU, Yi;LI, Cheng;LI, Shaoping;ZHENG, Mingguang~ 33:CN ~31:202110161275.3 ~32:05/02/2021

2023/08489 ~ Complete ~54:TRINITY ULTRA-THIN GLASS SEPARATION DEVICE AND OPERATION METHOD ~71:Anhui Polytechnic University, Beijing Middle Road, Wuhu City, Anhui Province, 241000, People's Republic of China ~72: Guodong HU;Hongwei LI;Wanbao TAO;Yi LI;Youyu LIU~ 33:CN ~31:2023104013809 ~32:15/04/2023

2023/08476 ~ Provisional ~54:ONLINE METHOD TO IMPROVE LEARNING IN A RESOURCE LIMITED ENVIRONMENTS WITH AN ALTERNATIVE PAYMENT SYSTEM ~71:RUSHERN RUVASHIN CHETTY, 3 Cotswold Drive, South Africa ~72: RUSHERN RUVASHIN CHETTY~

2023/08483 ~ Complete ~54:TRADITIONAL CHINESE MEDICINE COMPOSITION, MEDICINAL LIQUOR FOR TREATING SOFT TISSUE INJURY AND PREPARATION METHOD THEREOF ~71:Kai Xiao, No.8 Taiping Temple Road, Wuhou District (Sichuan Sports College), Chengdu, Sichuan, People's Republic of China ~72: Kai Xiao~ 33:CN ~31:2023103601396 ~32:06/04/2023

2023/08485 ~ Complete ~54:ORAL DECOCTION FOR TREATING PAIN SYMPTOMS OF BRUISES AND PREPARATION METHOD THEREOF ~71:Wenxuan Zhao, No. 19, Building 77, Shanqiao Community, Jiaojiang Dist., Taizhou, Zhejiang, People's Republic of China ~72: Xuefen Feng~ 33:CN ~31:202310932708X ~32:27/07/2023

2023/08493 ~ Complete ~54:SECURITY EARLY WARNING DEVICE FOR POWER GRID OPERATION AND MAINTENANCE INFORMATION AND ITS OPERATION METHOD ~71:Information Communication Branch of China Southern Power Grid Energy Storage Co., Ltd., Room 1503, No.858 West Lianhua Avenue, Donghuan Street, Panyu District, Guangzhou City, Guangdong Province, 510000, People's Republic of China ~72: Guanghai SUN;Jianghua REN;Jianlu LI;Lin WANG;Xinxin LU;Zhenqian WANG;Zhu ZHU~ 33:CN ~31:2023110319775 ~32:16/08/2023

2023/08495 ~ Complete ~54:PHARMACEUTICAL COMPOSITIONS OF THERAPEUTICALLY ACTIVE COMPOUNDS ~71:LES LABORATOIRES SERVIER, 35 rue de Verdun, Suresnes Cedex, 92284, France ~72: CHONG-HUI GU~ 33:US ~31:61/953,487 ~32:14/03/2014;33:US ~31:62/081,542 ~32:18/11/2014

2023/08499 ~ Complete ~54:AUTOPILOT SYSTEM FOR MARINE VESSELS ~71:CURCIO, Mario, Feldhohe 54, 6280, Hochdorf, Switzerland ~72: CURCIO, Mario~ 33:EP ~31:21020083.8 ~32:21/02/2021

2023/08509 ~ Complete ~54:PREDICTION METHOD FOR SUBJECT LITERATURE RETRIEVAL ~71:North China University of Science and Technology, #21 Bohai Road, Caofeidian Xincheng, Tangshan, People's Republic of China ~72: Zheng Zhijun~ 33:CN ~31:202310531081.7 ~32:12/05/2023

. - APPLIED ON 2023/09/05 -

2023/08529 ~ Complete ~54:AN IOT BASED SYSTEM AND METHOD FOR REAL-TIME AIR QUALITY MONITORING AND ANALYSIS ~71:Dr. A. R. Revathi, Associate Professor, School of Computer Science and Engineering, Vellore Institute of Technology University (Chennai Campus), Kelambakkam, Vandalur Road, Chennai, Tamil Nadu, 600127, India ~72: Dr. A. R. Revathi;Dr. DhananjayKumar;Dr. L. Sindhia;Dr. N. Senthilkumar~

2023/08515 ~ Complete ~54:METHOD FOR PREDICTING ADSORPTION QUANTITY OF VOLATILE ORGANIC COMPOUNDS BASED ON FILLING ADSORPTION ~71:University of Chinese Academy of Sciences, No.1 Yanqihu East Rd., Huairou District, Beijing, 101408, People's Republic of China ~72: CHENG, Jie;HAO, Zhengping;LI, Ganggang;LI, Wenpeng;WANG, Xinxin;WU, Wenqing;ZHANG, Zhongshen~

2023/08516 ~ Complete ~54:APPLICATION OF RND3 GENE OVEREXPRESSION REAGENT IN THE FORMULATION OF PHARMACEUTICALS TARGETING CARDIOMYOCYTE SENESCENCE ~71:Guangdong Medical University, No2, Eastern Wenming Road, Xiashan District, Zhanjiang City, Guangdong province, 524023, People's Republic of China;Hainan Medical University, No3, Xueyuan Road, Longhua District, Haikou City, Hainan Province, 571199, People's Republic of China ~72: Cai LUO;Junli GUO;Kaijia SHI;Linxu WU;Wei JIE;Xinglin ZHU;Xuebin LING;Yangyang ZHAO;Zhihua SHEN~

2023/08518 ~ Complete ~54:INTELLIGENT RECOGNITION AND ALERT METHODS AND SYSTEMS ~71:AI CONCEPTS, LLC, 121 Greenway Boulevard, Carrollton, Georgia, United States of America ~72: SAMPLES, Johnathan~ 33:US ~31:16/297,502 ~32:08/03/2019

2023/08522 ~ Complete ~54:PIVOT STEERING APPARATUS OF STAIR CLIMBING TROLLEY AND ITS CORRESPONDING WORKING METHOD ~71:Anhui Polytechnic University, Beijing Middle Road, Wuhu City, Anhui Province, 241000, People's Republic of China ~72: Guodong HU;Hongwei LI;Songsong LU;Youyu LIU;Zhao FANG~ 33:CN ~31:2023105895591 ~32:20/05/2023

2023/08533 ~ Complete ~54:SURVEY TOOL SYSTEM FOR BLAST HOLE DRILLING RIGS ~71:DEVICO AS, Industriveien 43A, Norway ~72: AYRIS, Michael;BUTLER, Alexander;FLÅM, John T.;LØVØ, Arnstein;LINDHJEM, Rune~ 33:AU ~31:2021900636 ~32:05/03/2021;33:AU ~31:2021212011 ~32:03/08/2021

2023/08521 ~ Complete ~54:REAL-TIME MONITORING METHOD FOR RAILWAY DANGEROUS GOODS TRANSPORTATION ~71:YUNNAN COMMUNICATIONS INVESTMENT & CONSTRUCTION GROUP CO., LTD., 37 Qianxing Road, Kunming City, Yunnan Province, People's Republic of China ~72: CEN Yu;CHEN Bianning;CHONG Pengyun;DAI Hongbin;GAO Zheng;GONG Danqing;GUO Shengjie;HE Yiyong;LEI Yun;LI Linqing;LI Ming;LI Xiaolin;LIU Weida;LIU Xuefei;QU Sen;SA Yu;WANG Zhenxing;WU Fan;XU Zilong;YIN Hui;ZENG Jianzhong;ZHANG Hui;ZHANG Yan~

2023/08530 ~ Complete ~54:SOURCE-GRID-LOAD-STORAGE COORDINATED CONTROL METHOD AND SYSTEM ~71:XIAMEN SOLAR FIRST ENERGY TECHNOLOGY CO., LTD, Room 1701, No. 478 Xinglinwan Road, Jimei District, Xiamen, Fujian, 361000, People's Republic of China ~72: ping Zhou;song ping YE;wei Huang~ 33:CN ~31:2023105067933 ~32:08/05/2023

2023/08532 ~ Complete ~54:CAMELLIA CUTTAGE SEEDLING-RAISING DEVICE ~71:SOUTHWEST FORESTRY UNIVERSITY, No. 300, Bailong Temple, Panlong District, Kunming City, People's Republic of China ~72: CHEN, Longqing;GAO, Chengguang;WU, Tian;YANG, Ziyun~

2023/08534 ~ Complete ~54:NEAR-INFRARED BRAIN INJURY DETECTION METHOD AND DETECTION DEVICE ~71:HEBEI GEO UNIVERSITY, No. 136 Huai'an East Road, Shijiazhuang, Hebei, 050030, People's Republic of China;HEBEI JINKANGAN MEDICAL DEVICE TECHNOLOGY CO., LTD., 2001 Ri Zhong Tian Technology Park, No.585 Tianshan Street, Shijiazhuang, Hebei, People's Republic of China ~72: KANG, Junjian;LI, Juguang;LI, Luochen;LIU, Qiang;LIU, Yongwei;WANG, Jiandong;ZHANG, Lei;ZHENG, Yibo~ 33:CN ~31:2021108204666 ~32:20/07/2021

2023/08537 ~ Complete ~54:SYNERGISTIC CANNABINOID ESTERS, THEIR SALTS AND USES THEREOF ~71:London Pharmaceuticals and Research Corporation, 2308 Sawgrass Link, Canada ~72: MOUSTAFA, Mahmoud Mohamed Abdrabo~ 33:US ~31:63/155,949 ~32:03/03/2021

2023/08514 ~ Complete ~54:A METHOD OF REALIZING INDUSTRIAL META-UNIVERSE BY USING VIRTUAL REALITY TECHNOLOGY ~71:Shanghai Polytechnic University, No. 2360 Jinhai Road, Pudong New Area, Shanghai, 201209, People's Republic of China ~72: Bao CAI;Hongliang GU;Jian MA;Wenhua ZHU;Wenjin QIN;Zhangchi SUN;Zhengbiao CAO~ 33:CN ~31:2022111778092 ~32:26/09/2022

2023/08524 ~ Complete ~54:ENERGY-SAVING AND EFFICIENT TREATMENT METHOD FOR HIGH VANADIUM-TITANIUM LOW-GRADE MAGNETITE ~71:Northeastern University, Northeastern University, No. 3-11, Wenhua Road, Heping District, Shenyang City, Liaoning, 110819, People's Republic of China ~72: CHENG, Gongjin;HAN, Tong;LI, Jinke;LIU, Jianxing;WANG, Xuyang;XUE, Xiangxin;YANG, He;YUE, Hongrui;ZHAO, Gang~

2023/08527 ~ Complete ~54:INTEGRATED DEVICE FOR STERILIZING AND CUTTING STEM SEGMENTS IN TISSUE CULTURE ~71:Shandong Institute of Pomology, No. 64, Longtan Road, Tai'an City, Shandong province, 271000, People's Republic of China ~72: Tan Yue;Wang Dan;Wei Hairong;Xu Li;Zhu Min~ 33:CN ~31:202322152038.8 ~32:11/08/2023

2023/08512 ~ Provisional ~54:AEROSPACE SYSTEM SAFE SATELLITE CONTROL AND SELF PROPELLING ~71:Amram Micaih Mofomme, 888 Block C, South Africa ~72: Amram Micaih Mofomme~ 33:BR ~31:1 ~32:06/03/2023;33:CN ~31:1 ~32:06/03/2023;33:EP ~31:1 ~32:06/03/2023;33:IN ~31:1 ~32:06/03/2023;33:OA ~31:1 ~32:06/03/2023;33:RD ~31:1 ~32:06/03/2023;33:SU ~31:1 ~32:06/03/2023;33:TP ~31:1 ~32:06/03/2023;33:US ~31:1 ~32:06/03/2023;33:WO ~31:1 ~32:06/03/2023

2023/08546 ~ Provisional ~54:LEKHELOHA DOXY 5% LA INJECTABLE ~71:Lekheloha (Pty) Ltd, Lekheloha PTY (Lty), Plot 220, South Africa ~72: Sonya de Bruyn~ 33:ZA ~31:61 ~32:27/08/2023

2023/08528 ~ Complete ~54:A SYSTEM FOR PERFORMING FIELD HEAVE MEASUREMENTS ON FOUNDATION TECHNIQUE IN EXPANSIVE SOILS ~71:Hari Krishna Padavala, Professor in Civil Engineering, National Institute of Technology, Warangal, 506004, India;Ramana Murty Varudu, Professor in Civil Engineering, National Institute of Technology, Warangal, 506004, India ~72: Hari Krishna Padavala;Ramana Murty Varudu~

2023/08535 ~ Complete ~54:DEVICE WITH AN INSERT FOR TREATING CELL MATERIAL ~71:BÜHLER AG, Gupfenstrasse 5, Switzerland ~72: BUCHMANN, Leandro~ 33:EP ~31:21160739.5 ~32:04/03/2021

2023/08580 ~ Provisional ~54:STORAGE BATTERY ~71:Hermanus Christoffel Petrus Human, 10a Clifford Road, Chancliff,, South Africa ~72: Hermanus Christoffel Petrus Human;Jan Petrus Human~

2023/08519 ~ Complete ~54:ANTI-VEGF PROTEIN COMPOSITIONS AND METHODS FOR PRODUCING THE SAME ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: DALY, Thomas;FRANKLIN, Matthew;LI, Ning;PALACKAL, Nisha;PYLES, Erica;TUSTIAN, Andrew;VARTAK, Ankit;WANG, Shunhai~ 33:US ~31:62/944,635 ~32:06/12/2019;33:US ~31:63/065,012 ~32:13/08/2020

2023/08523 ~ Complete ~54:TRAILER COUPLING FOR VEHICLES ~71:BOSAL EMISSION CONTROL SYSTEMS NV, Dellestraat 20, Belgium ~72: BALINT, Peter;MASSA, Jorith;VERREYDT, Jonathan~ 33:EP ~31:22195779.8 ~32:15/09/2022

2023/08525 ~ Complete ~54:CALCINED CLAY GRINDING DEVICE ~71:CBMI CONSTRUCTION CO., LTD., No. 7 Xingfu Road, Fengrun District, Tangshan City, People's Republic of China ~72: CAO, Xinming;LI, Runguo;WANG, Guomin;WANG, Qiang;YI, Dengwei;ZHANG, Chao;ZHANG, Haiping~ 33:CN ~31:2022227313137 ~32:17/10/2022

2023/08539 ~ Complete ~54:STORAGE AND PRODUCTION OF DIHYDROGEN BY A SUSPENSION OF METAL HYDRIDE PARTICLES IN LIQUID ALKALI METAL ALLOYS ~71:NICOLAS UGOLIN, 93 rue Réaumur 75002 Paris, France ~72: NICOLAS UGOLIN~ 33:FR ~31:FR2102458 ~32:12/03/2021

2023/08526 ~ Complete ~54:METHOD AND SYSTEM FOR EFFICIENT IMAGE SEGMENTATION USING OPTIMIZED SEGNET-BASED MODEL ~71:Dr. Kaushal Kamaleshwar Prasad, Finolex Academy of Management and Technology, Head of Information Technology Department, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Dr. Nupur Giri, Vivekanand Education Society's Institute of Technology, Hashu Advani Memorial Complex, Collector's Colony, Chembur- Mumbai, Maharashtra, 400074, India;Dr. Vinayak Ashok Bharadi, Finolex Academy of Management and Technology, Head of Information Technology Department, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Finolex Academy of Management and Technology, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Namdeo Baban Badhe, N/260,Veenasaraswati, Vasant Nagari Vasai(East) Dist.Palghar, Maharashtra, 401209, India;Shashank Shashikant Tolye, Finolex Academy of Management and Technology, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Vijaykumar Pandurang Yele, Thakur College Of Engineering And Technology. A-Block, Thakur Educational Campus, Shyamnarayan Thakur Marg, Thakur Village, Kandivali(E). Mumbai, Maharashtra, 400101, India ~72: Dr. Kaushal Kamaleshwar Prasad;Dr. Nupur Giri;Dr. Vinayak Ashok Bharadi;Namdeo Baban Badhe;Shashank Shashikant Tolye;Vijaykumar Pandurang Yele~

2023/08520 ~ Complete ~54:CARRIAGE FOR RAILWAY FREIGHT TRANSPORTATION ~71:YUNNAN COMMUNICATIONS INVESTMENT & CONSTRUCTION GROUP CO.,LTD., 37 Qianxing Road, Kunming City, Yunnan Province, People's Republic of China ~72: CEN Yu;CHEN Bianning;CHONG Pengyun;DAI Hongbin;GAO Zheng;GONG Danqing;GUO Shengjie;HE Yiyong;LEI Yun;LI Linqing;LI Ming;LI Xiaolin;LIU Weida;LIU Xuefei;QU Sen;SA Yu;WANG Zhenxing;WU Fan;XU Zilong;YANG Yang;YIN Hui;ZENG Jianzhong;ZHANG Hui;ZHANG Yan~

2023/08531 ~ Complete ~54:GLOBAL ADDRESS SYSTEM AND METHOD ~71:SARWAR PEDAWI, Ster Group DMCC, Jumeirah Lake Towers, Cluster T, Fortune Executive Tower 2402, P.O. Box 214079, Dubai, United Arab Emirates ~72: SARWAR PEDAWI~ 33:US ~31:16/055,775 ~32:06/08/2018

2023/08538 ~ Complete ~54:CODON-OPTIMIZED NUCLEIC ACID ENCODING THE FIX PROTEIN ~71:JOINT STOCK COMPANY "BIOCAD", Pomeshch. 89 Street 1, d. 38, ul. Svyazi The settlement of Strelna Intracity Municipalty, Russian Federation ~72: GERSHOVICH, Pavel Mikhailovich;MOROZOV Dmitry Valentinovich;PROKOFYEV, Alexander Vladimirovich;SHUGAEVA, Tatiana Evgenievna;SPIRINA, Natalia Aleksandrovna;STRELKOVA, Anna Nikolaevna~ 33:RU ~31:2021105703 ~32:05/03/2021

2023/08541 ~ Complete ~54:MACROCYCLIC LRRK2 KINASE INHIBITORS ~71:Les Laboratoires Servier, 35 rue de Verdun, SURESNES CEDEX 92284, FRANCE, France;Oncodesign Precision Medicine (OPM), 18 Rue Jean Mazen, DIJON 21000, FRANCE, France ~72: BLOM, Petra Marcella;CHRISTENSEN, Kenneth;DAUGAN, Alain;DENIS, Alexis;DUMOULIN, Audrey;HOUSSEMAN, Christopher Gaétan;LAMOTTE, Yann;LAUGEOIS, Maxime;LE TIRAN, Arnaud~ 33:EP ~31:21305334.1 ~32:18/03/2021;33:EP ~31:21306329.0 ~32:24/09/2021

2023/08545 ~ Complete ~54:TASTE-MASKING COMPOUNDS AND COMPOSITIONS AND USES THEREOF ~71:HEALTHTECH BIO ACTIVES, S.L.U., Avenida Diagonal 567 Planta 4, Spain ~72: CRESPO MONTERO, Francisco Javier;D'HOORE, Tom Nelly Aime~ 33:ES ~31:21382129.1 ~32:18/02/2021

2023/08542 ~ Complete ~54:AN ENERGY STORAGE DEVICE ~71:GRAPHITE ENERGY (ASSETS) PTY LIMITED, Level 2, 420 Elizabeth Street Slurry Hills, Australia ~72: CHAO, Jun;KHOO, Paul Soo-Hock;LEMMICH, Peter;ROSS, Byron;WALSH, Casey~ 33:AU ~31:2021900197 ~32:29/01/2021;33:WO ~31:PCT/AU2022/050031 ~32:25/01/2022

2023/08579 ~ Provisional ~54:LEVELS GENERATOR ~71:BIB International (Pty) Ltd, Avenida Marginal ,Casa 14, Q57,Vila dos Pescadores,Costa do Sol-Maputo999 Ensele Street, Nelspruit 1200, South Africa ~72: Lucrécio Lúcia Orlando Macuácua~

2023/08540 ~ Complete ~54:RECOMBINANT STRAINS OF MYCOBACTERIUM BOVIS BCG ~71:HUSAIN, Aliabbas A., c/- 1 James Cook Drive, TOWNSVILLE 4811, QUEENSLAND, AUSTRALIA, Australia;James Cook University, 1 James Cook Drive, TOWNSVILLE 4811, QUEENSLAND, AUSTRALIA, Australia;KRISHNAMOORTHY, Gopinath, c/- 1 James Cook Drive, TOWNSVILLE 4811, QUEENSLAND, AUSTRALIA, Australia ~72: HUSAIN, Aliabbas A.;KRISHNAMOORTHY, Gopinath;KUPZ, Andreas~ 33:AU ~31:2021900320 ~32:10/02/2021

2023/08511 ~ Provisional ~54:AEROSPACE SYSTEM SAFE - SATELLITE CONTROL AND SELF PROPELLING ~71:Amram Micaih Mofomme, 888 Block C, South Africa ~72: Amram Micaih Mofomme~ 33:BR ~31:1 ~32:06/03/2023;33:CN ~31:1 ~32:06/03/2023;33:EP ~31:1 ~32:06/03/2023;33:IN ~31:1 ~32:06/03/2023;33:OA ~31:1 ~32:06/03/2023;33:RD ~31:1 ~32:06/03/2023;33:SU ~31:1 ~32:06/03/2023;33:TP ~31:1 ~32:06/03/2023;33:US ~31:1 ~32:06/03/2023;33:WO ~31:1 ~32:06/03/2023

2023/08510 ~ Provisional ~54:WIND TURBINE POWER HUB ~71:MARK WYNESS VOSLOO, 47 NORTHOAKS PRIVATE ESTATE, NORTHOAKS AVENUE, HOUT BAY, South Africa;ROY EDWARD SCHOEMAN, 8 PALM CRESCENT, WAVECREST, South Africa ~72: MARK WYNESS VOSLOO;ROY EDWARD SCHOEMAN~

2023/08578 ~ Provisional ~54:COUTCH OR CHAIR WARMER ~71:JOHANN PISTORIUS, MEADOW STREET 11, HEIDELBERG, South Africa ~72: JOHANN PISTORIUS ~

2023/08517 ~ Complete ~54:MULTI-TYPE CONFLICT DETECTION METHOD ~71:Army Academy of Armored Forces of PLA, No. 21, Dujiakan, Fengtai District, Beijing, 100072, People's Republic of China ~72: CHENG, Jie;LEI, Zhen;SUN, Yan;WU, Xixi;ZHAI, Xiaoning;ZHENG, Xianzhu~

2023/08536 ~ Complete ~54:RENEWABLE POWER AND/OR WATER GENERATOR ~71:CIRRUS REHOS RENEWABLE POWER AND WATER (PTY) LTD, Suite 103, Wrenrose Court, 64 St Andrew Street, Birdhaven, South Africa ~72: ENSLIN, Johan Adam;MURRAY, Mike~ 33:ZA ~31:2021/10181 ~32:09/12/2021

2023/08513 ~ Complete ~54:DYNAMIC ACCOUNTING AND MANAGING SYSTEM FOR CARBON EMISSION OF INDUSTRIAL ENTERPRISE ~71:Chongqing Research Academy of Eco-environmental Sciences, No. 10 Fuyuan Avenue, Nan'an District, Chongqing, 401336, People's Republic of China ~72: CHEN, Min;HU, Wei;LV, Pingjiang;WU, Liping;XIE, Geng~

2023/08544 ~ Complete ~54:CATHETER VALVE FOR CONTROLLING THE FLUID FLOW OF A MEDIUM ~71:UROMED KURT DREWS KG, Meessen 7/11, Germany ~72: Werner SCHWARZ~ 33:DE ~31:10 2021 001 563.0 ~32:25/03/2021

. - APPLIED ON 2023/09/06 -

2023/08559 ~ Complete ~54:COMPOSITION AND METHODS FOR THE TREATMENT OF FABRY DISEASE ~71:TAKEDA PHARMACEUTICAL COMPANY LIMITED, 1-1, Doshomachi 4-chome, Chuo-ku, Japan ~72: CHOI, Vivian;DESHPANDE, Mugdha Ravindra;ISLAM, Rizwana;NATARAJAN, Madhusudan;PARK, Yung Hee~ 33:US ~31:63/154,485 ~32:26/02/2021

2023/08569 ~ Complete ~54:METHODS AND GENOMIC CLASSIFIERS FOR PROGNOSIS OF BREAST CANCER AND IDENTIFYING SUBJECTS NOT LIKELY TO BENEFIT FROM RADIOTHERAPY ~71:PFS GENOMICS, INC., 5505 Endeavor Lane, Madison, Wisconsin, 53719, United States of America ~72: COREY SPEERS;ERIK HOLMBERG;FELIX FENG;LORI J PIERCE;MÅRTEN FERNÖ;PER MALMSTRÖM;PER O KARLSSON;S. LAURA CHANG~ 33:US ~31:63/154,821 ~32:01/03/2021

2023/08549 ~ Provisional ~54:METHOD AND SYSTEM OF PROCESSING THREE-DIMENSIONAL POINT CLOUDS TO DETERMINE GROUND AND NON-GROUND POINTS ~71:CENTRAL UNIVERSITY OF TECHNOLOGY, FREE STATE, 20 President Brand Street, Bloemfontein, 9300, SOUTH AFRICA, South Africa ~72: ABU-MAHFOUZ, Adnan M.;MARKUS, Elisha Didam;OLADELE, Daniel~

2023/08551 ~ Complete ~54:CONTAINER SPREADER FOR RAILWAY FREIGHT TRANSPORTATION ~71:YUNNAN COMMUNICATIONS INVESTMENT & CONSTRUCTION GROUP CO.,LTD., 37 Qianxing Road, Kunming City, Yunnan Province, People's Republic of China ~72: CEN Yu;CHEN Bianning;CHONG Pengyun;DAI Hongbin;GAO Zheng;GONG Danqing;GUO Shengjie;HE Yiyong;LEI Yun;LI Linqing;LI Ming;LI Xiaolin;LIU Weida;LIU Xuefei;QU Sen;SA Yu;WANG Lu;WANG Zhenxing;WU Fan;XU Zilong;YIN Hui;ZENG Jianzhong;ZHANG Hui~

2023/08558 ~ Complete ~54:ORR CATALYST MATERIAL, PREPARATION METHOD THEREFOR, AND USE THEREOF ~71:SHANGHAI MARITIME UNIVERSITY, 1550 Haigang Avenue, Lingang New City, Pudong New Area, Shanghai, 201306, People's Republic of China ~72: CHANG, Xueting;FAN, Runhua;LEI, Yanhua;TAN, Ning;ZHANG, Yuliang~ 33:CN ~31:202011268676.0 ~32:13/11/2020

2023/08561 ~ Complete ~54:SUBSTITUTED ISOXAZOLINE DERIVATIVES ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: GILBERG, Erik;HUWYLER, Nikolas;KOERBER, Karsten;SAMBASIVAN, Sunderraman~ 33:EP ~31:21156573.4 ~32:11/02/2021;33:EP ~31:21156575.9 ~32:11/02/2021

2023/08552 ~ Complete ~54:MACHINE LEARNING-BASED TOLL ROAD GREEN CHANNEL VEHICLE DETECTION METHOD ~71:YUNNAN COMMUNICATIONS INVESTMENT & CONSTRUCTION GROUP CO.,LTD., 37 Qianxing Road, Kunming City, Yunnan Province, People's Republic of China ~72: CEN Yu;CHEN Bianning;CHONG Pengyun;DAI Hongbin;GAO Zheng;GONG Danqing;GUO Shengjie;HE Yiyong;LEI Yun;LI Linqing;LI Ming;LI Xiaolin;LIU Weida;LIU Xuefei;QU Sen;SA Yu;WANG Lu;WANG Zhenxing;WU Fan;XU Zilong;YIN Hui;ZENG Jianzhong;ZHANG Hui~

2023/08554 ~ Complete ~54:TRADITIONAL CHINESE MEDICINE EXTERNAL APPLICATION BAG FOR TREATING BONE DISORDER, ACTIVATING BLOOD CIRCULATION AND RELIEVING PAIN AND A PREPARATION METHOD THEREOF ~71:The Affiliated Traditional Chinese Medicine Hospital of Southwest Medical University, No. 185, Chunhui Road, Longmatan Dist., Luzhou, Sichuan, People's Republic of China ~72:

Chenyi Huang;Jingwen Chen;Nianwu Wang;Xiaomin Zhang;Yong Liu;Zhenlong Wang;Zhijiang Fu;Zongchao Liu~ 33:CN ~31:202310034395.6 ~32:10/01/2023

2023/08565 ~ Complete ~54:PROTECTIVE MATERIAL IN ROLL FORM AND METHOD FOR THE PRODUCTION THEREOF ~71:SAATI S.P.A., Via Milano 14, Italy ~72: CANONICO, Paolo;DELLA VEDOVA, Thomas;LUCIGNANO, Carmine;MERLETTI, Franco~ 33:IT ~31:102021000005618 ~32:10/03/2021;33:IT ~31:102021000005624 ~32:10/03/2021;33:IT ~31:102021000010340 ~32:23/04/2021

2023/08567 ~ Complete ~54:AUDIO DECORRELATOR, PROCESSING SYSTEM AND METHOD FOR DECORRELATING AN AUDIO SIGNAL ~71:FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V., Hansastraße 27c, Germany ~72: ANEMÜLLER, Carlotta;DISCH, Sascha;HERRE, Jürgen~ 33:EP ~31:21162142.0 ~32:11/03/2021;33:EP ~31:21203832.7 ~32:20/10/2021

2023/08570 ~ Complete ~54:SELECTIVE DRUG RELEASE FROM INTERNALIZED CONJUGATES OF BIOLOGICALLY ACTIVE COMPOUNDS ~71:SEAGEN INC., 21823 30th Drive S.E., Bothell, Washington, 98021, United States of America ~72: DIVYA AWASTHI;NICOLE DUNCAN;NICOLE OKELEY;NOAH BINDMAN;PETER SENTER;PHILIP MOQUIST;RYAN LYSKI;SCOTT JEFFREY~ 33:US ~31:63/163,008 ~32:18/03/2021;33:US ~31:63/163,017 ~32:18/03/2021;33:US ~31:63/163,028 ~32:18/03/2021

2023/08562 ~ Complete ~54:METHODS AND APPARATUSES FOR CONTROLLING MULTI-USIM BEHAVIOUR OF USER EQUIPMENT ~71:NOKIA TECHNOLOGIES OY, KARAKAARI 7, 02610 ESPOO, FINLAND, Finland ~72: CASATI, Alessio~

2023/08566 ~ Complete ~54:BALLISTIC PROTECTIVE MATERIAL FOR THE REDUCTION OF IMPACT TRAUMA ~71:SAATI S.P.A., Via Milano 14, Italy ~72: CANONICO, Paolo;DELLA VEDOVA, Thomas;LUCIGNANO, Carmine;MERLETTI, Franco~ 33:IT ~31:102021000005618 ~32:10/03/2021;33:IT ~31:102021000005624 ~32:10/03/2021;33:IT ~31:102021000013484 ~32:25/05/2021

2023/08568 ~ Complete ~54:METHOD AND USE OF AN ENANTIOMER OF 3,4-DIHYDROXYPHENYLALANINE (DOPA) FOR ENHANCING PLANT ATTRACTIVENESS TO BENEFICIAL INSECTS ~71:BIOBAB R&D, S.L., Bajada a Vargas s/n. Finca Las Rosas 35260 Agüimes, Spain ~72: ANDRÉ LUCIO FRANCESCHINI SARRIA;IGNACIO HORCHE TRUEBA~ 33:EP ~31:21382099.6 ~32:09/02/2021

2023/08574 ~ Complete ~54:INDAZOLE BASED COMPOUNDS AND ASSOCIATED METHODS OF USE ~71:ARVINAS OPERATIONS, INC., 5 Science Park, United States of America ~72: ARAUJO, Erika;BERLIN, Michael;DONG, Hanqing;SPARKS, Steven M.;WANG, Jing;ZHANG, Wei~ 33:US ~31:63/163,328 ~32:19/03/2021;33:US ~31:63/228,731 ~32:03/08/2021;33:US ~31:63/243,014 ~32:10/09/2021;33:US ~31:63/245,411 ~32:17/09/2021

2023/08572 ~ Complete ~54:COSMETIC SKIN CARE COMPOSITION ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: ANDREW JOHN DAVIS;BIJAN HARICHIAN;JIANMING LEE;JOSE GUILLERMO ROSA;MARIAN PEREIRA GUELAKIS;NANDOU LU;VAN AU;WILLIAM F LATHROP~ 33:EP ~31:21162783.1 ~32:16/03/2021

2023/08575 ~ Complete ~54:WASTE TIRE CRUSHING UNIT AND WASTE TIRE TREATMENT SYSTEM USING THE SAME ~71:CBMI CONSTRUCTION CO., LTD., No. 7 Xingfu Road, Fengrun District, Tangshan City, People's Republic of China ~72: DENG, Yuhua;LI, Runguo;TAO, Ying;WANG, Bin;XU, Haidong;XU, Zhiping;YAO, Xiuli;ZENG, Jisheng;ZHANG, Chao;ZHANG, Miao~ 33:CN ~31:2022218293632 ~32:15/07/2022

2023/08560 ~ Complete ~54:CHEMICAL SEPARATION OF SYNTHETIC FIBRES FROM A BLEND OF SYNTHETIC FIBRES AND SEMI-SYNTHETIC OR NATURAL FIBRES ~71:ORITAIN GLOBAL LIMITED, 167 High Street, New Zealand ~72: FREW, Russell David~ 33:NZ ~31:773526 ~32:03/03/2021

2023/08564 ~ Complete ~54:METHOD AND KIT FOR TREATING ABNORMAL HOLLOWED SPACE ~71:REDDRESS LTD., 11 Shkedim Street, Israel ~72: KUSHNIR, Alon~ 33:IL ~31:280733 ~32:08/02/2021;33:IL ~31:287589 ~32:26/10/2021

2023/08547 ~ Provisional ~54:CASH(MONEY) DELIVERY ~71:Phindokuhle Mona, Villa Salerno complex, South Africa ~72: Phindokuhle Mona~

2023/08553 ~ Complete ~54:ONLINE MULTI-OBJECT TRACKING METHOD BASED ON CONFIDENCE OPTIMIZATION ~71:Anhui Polytechnic University, Beijing Middle Road, Wuhu City, Anhui Province, 241000, People's Republic of China ~72: Da SHU;Hongwei LI;Qijie WANG;Yi LI;Youyu LIU~ 33:CN ~31:2023109661352 ~32:02/08/2023

2023/08555 ~ Complete ~54:METHOD FOR PRODUCING ROCK-DRILLING TOOL WITH HIGH QUALITY AND LOW-COST ~71:GUIZHOU HUIFENG ZHONGYI MACHINERY MANUFACTURING CO., LTD, 1st floor, No. 108, Development Avenue, Xiaomeng Street Office, Economic and Technological Development Zone, Guiyang City, 550009, Guizhou Province, People's Republic of China ~72: MIN LEI;YILONG LIANG;YONG LIU~

2023/08573 ~ Complete ~54:CONTROL SYSTEM FOR AN ACTIVE SHIELDING SCREEN ~71:CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 3 Rue Michel-Ange, France;SAFRAN ELECTRONICS & DEFENSE, 2 boulevard du Général Martial Valin, France;UNIVERSITE DE RENNES, 2, rue de Thabor CS 46510, France ~72: BESNIER, Philippe;CASTEL, Xavier;FOUTREL, Patrice;LE PAVEN, Claire;TRICAS, Quentin~ 33:FR ~31:FR2102339 ~32:11/03/2021

2023/08585 ~ Complete ~54:WATER QUALITY MEASUREMENT AND CONTROL SYSTEM ~71:SWIMBOT TECHNOLOGIES (PTY) LTD, 7 Mellis St, Bradenham Hall, Rivonia, South Africa ~72: SMITH, Jayden Kevin;STEVENS, Ashley Elizabeth~ 33:ZA ~31:2022/06223 ~32:06/06/2022

2023/08571 ~ Complete ~54:SELECTIVE DRUG RELEASE FROM INTERNALIZED CONJUGATES OF BIOLOGICALLY ACTIVE COMPOUNDS ~71:SEAGEN INC., 21823 30th Drive S.E., Bothell, Washington, 98021, United States of America ~72: BRADLEY GORSLINE;DIVYA AWASTHI;NICOLE OKELEY;NOAH BINDMAN;PETER SENTER;ROOZBEH YOUSEFI;RYAN LYSKI;SCOTT JEFFREY;VIVIAN TRANG~ 33:US ~31:63/162,653 ~32:18/03/2021;33:US ~31:63/162,660 ~32:18/03/2021;33:US ~31:63/162,773 ~32:18/03/2021;33:US ~31:63/162,776 ~32:18/03/2021;33:US ~31:63/162,781 ~32:18/03/2021;33:US ~31:63/162,786 ~32:18/03/2021;33:US ~31:63/163,012 ~32:18/03/2021;33:US ~31:63/163,017 ~32:18/03/2021;33:US ~31:63/221,295 ~32:13/07/2021

2023/08577 ~ Complete ~54:MYCELIUM-BASED MATERIALS INCLUDING HIGH-PERFORMANCE INSULATION AND RELATED METHODS ~71:Biohm Ltd., 5a Juno Way, LONDON SE14 5RW, UNITED KINGDOM, United Kingdom ~72: BARNETT, Irene Li;DRIESSEN, Antonius Marie;DRYBURGH, Candyce-Robyne;JENKINS, Samantha Gini Rebecca;SAYED, Ehab;VERDEROSA, Francesco~ 33:GB ~31:2102595.2 ~32:24/02/2021

2023/08556 ~ Complete ~54:LIGHTING DEVICE FOR ORAL CAVITY AUXILIARY EXAMINATION ~71:Zaozhuang vocational college, Qilianshan Road, Gaoxin District, Zaozhuang City, Shandong Province, 277000, People's Republic of China ~72: Cheng Li;Gu Hongyan;Sun Jingjing;Wang Hongxiang;Xu Feifei~ 33:CN ~31:202310115484.3 ~32:15/02/2023

2023/08563 ~ Complete ~54:METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT TO FACILITATE CONTROL OF TERMINAL TIMING INFORMATION WITHIN A NETWORK ~71:NOKIA TECHNOLOGIES OY, KARAKAARI 7, 02610 ESPOO, FINLAND, Finland ~72: WON, Sung Hwan~ 33:US ~31:63/149,540 ~32:15/02/2021

2023/08548 ~ Provisional ~54:A BRACKET ~71:BEUKES, Dewald, 1026 MARTHA ROAD, ELDORAIGNE, 0157, PRETORIA, SOUTH AFRICA, South Africa ~72: BEUKES, Dewald~

2023/08550 ~ Provisional ~54:WIRE MESH SUPPORT ~71:MSP MINE SUPPORT PRODUCTS (PTY) LTD, 108 Houtkop Road, South Africa ~72: NISSEN, Christian Engelstoft~

2023/08557 ~ Complete ~54:ANTI MOVING FIXED DEVICE ~71:First Affiliated Hospital of Gannan Medical University, 23 Qingnian Road, Ganzhou City, Jiangxi Province, 341000, People's Republic of China ~72: Hong Hong;Luo Cheng~ 33:CN ~31:202211640319.1 ~32:20/12/2022

2023/08576 ~ Complete ~54:NOVEL ANTI-CD24 ANTIBODIES ~71:Antengene Biologics Limited, Suite 1206-1209, Block B, Zhongshan SOHO Plaza, 1065 West Zhongshan Road, Changning District, SHANGHAI 200051, CHINA (P.R.C.), People's Republic of China ~72: CHEN, Peng;DENG, Min;HOU, Bing;LIU, Yun;LUO, Jiamei;MEI, Jay;SHAN, Bo;YUWEN, Hui~ 33:IB ~31:2021/076075 ~32:08/02/2021;33:CN ~31:202210088172.3 ~32:25/01/2022

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2023/08599 ~ Complete ~54:ELECTRONIC DEVICE COMPRISING SPEAKER STRUCTURE ~71:SAMSUNG ELECTRONICS CO., LTD., 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea ~72: JEEYOUN KO;JUNGCHUL AN;KIYOUNG JUNG;MINSIK LIM;YOUNGJIN JUNG~ 33:KR ~31:10-2021-0031619 ~32:10/03/2021

2023/08603 ~ Complete ~54:AIRBAG ATTACHMENT STRUCTURE ~71:Marelli Corporation, 2-1917 Nisshin-cho, Kita-ku, SAITAMA-CITY 3318501, SAITAMA, JAPAN, Japan ~72: KOBAYASHI, Yousuke~ 33:JP ~31:2022-036645 ~32:09/03/2022

2023/08582 ~ Provisional ~54:ADD-ON MOBILE REFRIGERATION ENHANCEMENT SYSTEM WITH ABSORPTION CHILLER AND CLOSED LOOP CONFIGURATION ~71:Martin Hempel, 138 Villiers Road, Walmer, South Africa ~72: Martin Hempel~

2023/08592 ~ Complete ~54:A MOULD FOR PREPARATION OF LIGHT WEIGHT CONCRETE PANEL BY USING E-WASTE ~71:DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;INGLE, Ganesh Shivaji, SCHOOL OF CIVIL ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;SHINDE, Sumant, SCHOOL OF CIVIL ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;SONAWANE, Mahesh B., SCHOOL OF CIVIL ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India ~72: INGLE, Ganesh Shivaji;SHINDE, Sumant;SONAWANE, Mahesh B.~

2023/08597 ~ Complete ~54:COMPOSITION FOR IN VIVO DELIVERY OF RNA AND PREPARATION METHOD THEREFOR ~71:EYEGENE INC., B-1211, 401, Yangcheon-ro, Gangseo-gu, Seoul, 07528, Republic of Korea ~72: KWANGSUNG KIM;SEOK HYUN KIM;SHIN AE PARK;YANG JE CHO~ 33:KR ~31:10-2021-0029929 ~32:08/03/2021

2023/08593 ~ Complete ~54:A COMPUTER AIDED DIAGNOSIS SYSTEM FOR GLAUCOMA DETECTION ~71:DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;KISHAN, Shubham, SCHOOL OF ELECTRICAL ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;LOKHANDE, Netra, SCHOOL OF ELECTRICAL ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;VERMA, Rupeshkumar, SCHOOL OF ELECTRICAL ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India ~72: KISHAN, Shubham;LOKHANDE, Netra;VERMA, Rupeshkumar~

2023/08586 ~ Complete ~54:A METHOD FOR REDUCING WARPAGE OF SILICON CARBIDE SUBSTRATE ~71:Huzhou Tony Semiconductor Technology Co., Ltd., No. 588, Liji East Road, Zhili Town, Huzhou City, Zhejiang Province, 313000, People's Republic of China ~72: Mengfei SHEN;Wenjin CHEN;Xiaoyu SHEN~ 33:CN ~31:2023103321573 ~32:27/03/2023

2023/08590 ~ Complete ~54:AN ARTIFICIALLY INTELLIGENT METHOD AND SYSTEM FOR PARKING AND SCHEDULING IN SMART CITIES ~71:Chandra Balasubramanian, Assistant Professor, Department of Information Technology, Easwari Engineering College, Ramapuram, Chennai, Tamil Nadu, 600089, India;Dr. Balaji Vaithilingam, Associate Professor & Head, Department of Computer science & Engineering (Cyber Security), Easwari Engineering College, Ramapuram, Chennai, Tamil Nadu, 600089, India;Dr. Hema Mayavan, Assistant Professor, Department of Information Technology, Easwari Engineering College, Ramapuram, Chennai, Tamil Nadu, 600089, India;Dr. Kanaga Suba Raja Subramanian, Professor, Department of Computer Science and Engineering, SRM Institute of Science and Technology, Tiruchirappalli, Tamil Nadu, 621105, India;Dr. Valarmathi Krishnamoorthi, Assistant Professor, School of Computer Science and Engineering, Vellore Institute of Technology, India, Chennai, Tamil Nadu, 600127, India;Kausalya Krishna Murthy, Assistant Professor, Department of Information Technology, Easwari Engineering College, Ramapuram, Chennai, Tamil Nadu, 600089, India;Sandhiya Balamurugan, Assistant Professor, Department of Information Technology, Easwari Engineering College, Ramapuram, Chennai, Tamil Nadu, 600089, India;Sobini Xavier Adimai Pushpa, Assistant Professor, Department of Computer Science and Engineering, St. Xavier’s Catholic College of Engineering, Chunkankadai, Kanyakumari, Tamil Nadu, 629003, India ~72: Chandra Balasubramanian;Dr. Balaji Vaithilingam;Dr. Hema Mayavan;Dr. Kanaga Suba Raja Subramanian;Dr. Valarmathi Krishnamoorthi;Kausalya Krishna Murthy;Sandhiya Balamurugan;Sobini Xavier Adimai Pushpa~

2023/08595 ~ Complete ~54:A METAL ION ADSORBENT ~71:BHATKAR, Siraj, SCHOOL OF PETROLEUM ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;KHURPADE, Pratiksha, SCHOOL OF PETROLEUM ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;SHENOY, Vignesh, SCHOOL OF PETROLEUM ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;TATPATE, Pallavi, SCHOOL OF PETROLEUM ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;WADGAONKAR, Vinayak S., SCHOOL OF PETROLEUM ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India ~72: BHATKAR, Siraj;KHURPADE, Pratiksha;SHENOY, Vignesh;TATPATE, Pallavi;WADGAONKAR, Vinayak S.~

2023/08601 ~ Complete ~54:METHODS AND SYSTEMS FOR DEVELOPING MIXING PROTOCOLS ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, New York, 10591, United States of America ~72: JORDAN BYRD;MATTHEW OREMLAND;ROSS KENYON~ 33:US ~31:63/166,504 ~32:26/03/2021;33:US ~31:63/298,880 ~32:12/01/2022

2023/08581 ~ Provisional ~54:ADD-ON MOBILE REFRIGERATION ENHANCEMENT SYSTEM WITH ABSORPTION CHILLER AND CLOSED LOOP CONFIGURATION ~71:Martin Hempel, 138 Villiers Road, Walmer, South Africa ~72: Martin Hempel~

2023/08587 ~ Complete ~54:A MOBILE COMMUNICATION EQUIPMENT FOR COMMUNICATION ENGINEERING ~71:Zhengzhou Railway Vocational & Technical College, No. 56 Pengcheng Avenue, Zhengdong New District, Zhengzhou, People's Republic of China ~72: Cao Bing;Dong Xinyu;Fu Tao;Guo Xiaojing;Zhang Weimin;Zhu Jin;Zhu Yanlong~

2023/08591 ~ Complete ~54:AN INTELLIGENT WEIGHT INDICATOR AND MONITORING DEVICE FOR DOMESTIC LPG CYLINDER ~71:BHATKAR,Siraj, SCHOOL OF PETROLEUM ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;SHENOY,Vignesh, SCHOOL OF PETROLEUM ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;TATPATE,Pallavi, SCHOOL OF CHEMICAL ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;WADGAONKAR,Vinayak S., SCHOOL OF PETROLEUM ENGINEERING, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India ~72: BHATKAR,Siraj;SHENOY,Vignesh;TATPATE,Pallavi;WADGAONKAR,Vinayak S.~

2023/08600 ~ Complete ~54:METHODS AND PHARMACEUTICAL COMPOSITION FOR TREATING DISEASES ~71:TONGLI BIOMEDICAL CO., LTD, Rm 401, Bldg D, No. 1 North Guotai Rd, Zhangjiagang, Suzhou, Jiangsu, 215600, People's Republic of China ~72: MINGXIN QIAN;RODNEY HO;TY CHEN~ 33:US ~31:63/147,260 ~32:09/02/2021

2023/08605 ~ Complete ~54:PHARMACEUTICAL COMBINATION CONTAINING ANTI-PD-1-ANTI-VEGFA BISPECIFIC ANTIBODY, AND USE THEREOF ~71:Akeso Biopharma, Inc., 6 Shennong Road, Torch Development Zone, ZHONGSHAN 528437, GUANGDONG, CHINA (P.R.C.), People's Republic of China ~72: LI, Baiyong;WANG, Zhongmin;XIA, Yu~ 33:CN ~31:202110270652.7 ~32:12/03/2021

2023/08584 ~ Provisional ~54:FENCE DROPPER ~71:ELRICK, Alistair Allardyce, 390 Kent Avenue, Ferndale,, South Africa ~72: ELRICK, Alistair Allardyce~

2023/08589 ~ Complete ~54:A SYSTEM BY USING AI TECHNOLOGY TO CREATE AN INTERACTIVE CLASSROOM FOR DIFFERENTLY ABLED PERSONS ~71:Dr. Sumit Kumar, Associate Professor and Head, Department of Computer Science & Engineering, College of Engineering, Roorkee, Uttarakhand 247667, India;Mona Ramesh, Post Graduate Scholar, Syracuse University College of Engineering and Computer Science, 223 Link Hall, Syracuse, 1324, NY, United States of America;Raja Rao Budaraju, Senior Member of Technical Staff, Oracle, 3990 Scottfield Street, Dublin, 94568 CA, United States of America;Sasidhar Attuluri, Software Developer, Savin Technologies Inc., 9901 Valley Ranch Pkwy E, Irving, TX, 75063, United States of America ~72: Dr. Sumit Kumar;Mona Ramesh;Raja Rao Budaraju;Sasidhar Attuluri~ 33:IN ~31:202311022908 ~32:29/03/2023

2023/08594 ~ Complete ~54:A SOIL FERTILITY DETECTION ROBOT ~71:ANJALEKAR,Manas, SCHOOL OF MECHANICAL ENGINEERING, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;HIMANE,Sahil, SCHOOL OF MECHANICAL ENGINEERING, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;KOTHAVALE, Basavraj, SCHOOL OF MECHANICAL ENGINEERING, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD,

PUNE, MAHARASHTRA, 411038, India;SHIRODE,Deep, SCHOOL OF MECHANICAL ENGINEERING, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India ~72: ANJALEKAR,Manas;HIMANE,Sahil;KOTHAVALE, Basavraj;SHIRODE,Deep~

2023/08596 ~ Complete ~54:COMBINED PHARMACEUTICAL COMPOSITION CONTAINING CDK4/6 INHIBITOR AND USE THEREOF ~71:CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., No.369 Yuzhou South Rd, Lianyungang, People's Republic of China ~72: BAI, Yanfeng;FENG, Fan;WANG, Xunqiang;YANG, Chaoqiang;YU, Ding;ZHANG, Xiquan;ZHANG, Yuying~ 33:CN ~31:202110236331.5 ~32:03/03/2021

2023/08602 ~ Complete ~54:VLP ENTEROVIRAL VACCINES ~71:MODERNATX, INC., 200 Technology Square, Cambridge, Massachusetts, 02139, United States of America ~72: ANGELO CUCUZZA;BROOKE BOLLMAN;GABY BALDEON VACA;YEN-TING LAI~ 33:US ~31:63/157,543 ~32:05/03/2021

2023/08604 ~ Complete ~54:ANALYZING EXPRESSION OF PROTEIN-CODING VARIANTS IN CELLS ~71:Illumina, Inc., 5200 Illumina Way, SAN DIEGO 92122, CA, USA, United States of America ~72: CAO, Dan;FARH, Kai-How;LIU, Tong;QUIJANO, Victor;SUN, Mohan;XIAO, Shi Min;XU, Hongxia~ 33:US ~31:63/158,492 ~32:09/03/2021;33:US ~31:63/162,775 ~32:18/03/2021;33:US ~31:63/163,381 ~32:19/03/2021;33:US ~31:63/226,424 ~32:28/07/2021

2023/08583 ~ Provisional ~54:ENHANCED DISPENSING BAG-IN-A-BOX PACKAGING ~71:GEER, Barry, 10 Belmont Avenue, Oranjezicht, South Africa ~72: GEER, Barry;HUGO, George~

2023/08588 ~ Complete ~54:MODULAR SUBSTRUCTURE AND LOAD DECK FOR A VEHICLE ~71:WILLIAM TURNER PAYNE, 12 Warrior Road, South Africa ~72: PAYNE, William Turner~

2023/08598 ~ Complete ~54:PHARMACEUTICAL COMPOSITION FOR TREATMENT OR PREVENTION OF STRESS-RELATED DISORDERS ~71:NIPPON CHEMIPHAR CO., LTD., 2-3, Iwamotocho 2-chome, Chiyoda-ku, Tokyo, 1010032, Japan;TOKYO UNIVERSITY OF SCIENCE FOUNDATION, 1-3, Kagurazaka, Shinjuku-ku, Tokyo, 1628601, Japan ~72: AKIYOSHI SAITOH;DAISUKE YAMADA;ERIKO NAKATA~ 33:JP ~31:2021-030974 ~32:26/02/2021;33:JP ~31:2021-117338 ~32:15/07/2021

. - APPLIED ON 2023/09/08 -

2023/08637 ~ Complete ~54:AN OVERHEATING CIRCUIT PROTECTION BREAKER DEVICE FOR ELECTRICAL EQUIPMENT ~71:Anhui Lutai Electric Technology Co., Ltd., No.12401, Haixinsha Building, Pihe Road, Jin'an District, Lu'an City, Anhui Province, 237010, People's Republic of China ~72: Yanxue Zhang~

2023/08626 ~ Complete ~54:A SOLAR LIGHT TUBE FOR MULTILAYER FARMING ~71:DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;PATIL,Shreyas Nitin, KOCHI BHAT, SHITLADEVI ROAD, KELVA, THANE, MAHARASHTRA, 401401, India;PESODE,PralhadAtmaram, FLAT NO A708, SHIVAGAON SOCIETY, KASPATE WASTI, WAKAD, PIMPRI-CHINCHWAD, PUNE, MAHARASHTRA, 411057, India ~72: PATIL,Shreyas Nitin;PESODE,PralhadAtmaram~

2023/08632 ~ Complete ~54:ASEPTIC CONTAINER CLOSURE HAVING A HINGE AND A MOUTHPIECE ~71:BERICAP HOLDING GMBH, Kirchstasse 5, Germany ~72: NUSBAUM, Philippe~ 33:DE ~31:10 2021 105 870.8 ~32:10/03/2021;33:DE ~31:10 2021 113 872.8 ~32:28/05/2021;33:DE ~31:10 2021 132 116.6 ~32:07/12/2021

2023/08647 ~ Complete ~54:CONJOINT THERAPY FOR TREATING SEIZURE DISORDERS ~71:Xenon Pharmaceuticals Inc., 200 - 3650 Gilmore Way, BURNABY V5G 4W8, BRITISH COLUMBIA, CANADA, Canada ~72: JOHNSON, JR, James Philip~ 33:US ~31:63/147,736 ~32:09/02/2021

2023/08616 ~ Complete ~54:BWP HANDLING IN IDLE MODE AND INACTIVE MODE ~71:NOKIA TECHNOLOGIES OY, KARAKAARI 7, 02610 ESPOO, FINLAND, Finland ~72: HENTTONEN, Tero;KOSKELA, Jarkko;KOSKINEN, Jussi-Pekka~

2023/08622 ~ Complete ~54:A SYSTEM FOR REAL TIME FACE RECOGNITION ~71:DESHMUKH, Aseem Waman, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;JOSHI, Preeti Manoj, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;MANDORA, Neha Rajendra, SCHOOL OF PUBLIC HEALTH, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;MATHIAS, Nicole Wilma Patrick, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;PANDE, Milind Sudhakar, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;PATIL, Avinash Prakash, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;VISHWARUPE, Varad Vivek, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India ~72: DESHMUKH, Aseem Waman;JOSHI, Preeti Manoj;MANDORA, Neha Rajendra;MATHIAS, Nicole Wilma Patrick;PANDE, Milind Sudhakar;PATIL, Avinash Prakash;VISHWARUPE, Varad Vivek~

2023/08641 ~ Complete ~54:METHOD FOR THE RECYCLING OF A TEXTILE WASTE COMPRISING A CELLULOSIC COMPONENT AND A POLYESTER COMPONENT ~71:GR3N SA, Via Probello, 19 6963 Lugano, Switzerland ~72: MAURIZIO CRIPPA~ 33:IT ~31:102021000006077 ~32:15/03/2021

2023/08649 ~ Complete ~54:NOVEL DARPIN BASED MULTI-SPECIFIC T-CELL ENGAGERS ~71:Molecular Partners AG, Wagistrasse 14, SCHLIEREN 8952 , SWITZERLAND, Switzerland ~72: BIANCHI, Matteo;GRIMM, Sebastian;LEVITSKY, Victor;REICHEN, Christian;RESCHKE, Nina;SCHLERETH, Bernd~ 33:US ~31:63/158,539 ~32:09/03/2021;33:US ~31:63/172,973 ~32:09/04/2021;33:US ~31:63/265,184 ~32:09/12/2021

2023/08610 ~ Complete ~54:BLIND IDENTIFICATION METHOD OF 16APSK MODULATION PATTERN BASED ON POWER SPECTRUM FLATNESS ~71:Jiaxing Vocational & Technical College, No. 547, Tongxiang Avenue, Nanhu District, Jiaxing City, Zhejiang Province, 314036, People's Republic of China ~72: Chunfang Gao;Houjun Zhang;Xiaoji Wei;Xinjie Fu;Yun Pan~

2023/08614 ~ Complete ~54:SYSTEM FOR DATA PERUSAL ~71:SECURE 2.0 (PTY) LTD, 2 STRYDOM STREET, South Africa ~72: RENIER DE JAGER~ 33:ZA ~31:2022/11755 ~32:28/10/2022

2023/08617 ~ Complete ~54:MODELING PROCESS AND STRUCTURAL REPAIR OF A RAILWAY OR METAL CAR ~71:MINETEC S.A., Av. Américo Vespucio 2101, Renca, Chile ~72: VERA TORRES, Bernardo Luis;ZAMORANO JONES, Claudio Devon~ 33:CL ~31:202202477 ~32:09/09/2022

2023/08624 ~ Complete ~54:A GEOLOGICAL CRACK HAMMER WITH PICK ACCESSORY ~71:DASHPUTRE, Amey Satish, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;DESHMUKH, Chaitanya Dilip, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE,

MAHARASHTRA, 411038, India;SHENOY, Vignesh Sheshagiri, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India ~72: DASHPUTRE, Amey Satish;DESHMUKH, Chaitanya Dilip;SHENOY, Vignesh Sheshagiri~

2023/08633 ~ Complete ~54:LINKAGE FOR ARM ASSEMBLY WITH REDUCED WELD FATIGUE ~71:CATERPILLAR GLOBAL MINING LLC, 875 W. Cushing Street, United States of America ~72: MEENAKSHINATHAN, Ramanagarajan;RANDALL, Kort C.;UNGER, Daniel T.~ 33:US ~31:17/200,352 ~32:12/03/2021

2023/08640 ~ Complete ~54:NOVEL ANTI-PAD4 ANTIBODY ~71:MITSUBISHI TANABE PHARMA CORPORATION, 3-2-10, Dosho-machi, Chuo-ku, Osaka-shi, Osaka, 5418505, Japan;PHARMA FOODS INTERNATIONAL CO., LTD., 1-49, Goryo-Ohara, Nishikyo-ku, Kyoto-shi, Kyoto 6158245, Japan ~72: KENJI SAITO;KOICHI WADA;TAKANARI SHIGEMITSU;TOMOKO SAKATA;YUICHI IMURA;YUYA MIYAMOTO~ 33:JP ~31:2021-024642 ~32:18/02/2021

2023/08648 ~ Complete ~54:VOLTAGE-GATED POTASSIUM CHANNEL OPENER FOR USE IN TREATING ANHEDONIA ~71:Xenon Pharmaceuticals Inc., 200 - 3650 Gilmore Way, BURNABY V5G 4W8, BRITISH COLUMBIA, CANADA, Canada ~72: PIMSTONE, Simon Neil~ 33:US ~31:63/147,742 ~32:09/02/2021

2023/08606 ~ Provisional ~54:ROOF BOLTING APPARATUS AND METHOD ~71:CMTI CONSULTING (PTY) LTD, The Point, Unit A1, 23 Sterling Road, South Africa ~72: BURGER, Nicolaas, Daniel, Lombard~

2023/08621 ~ Complete ~54:TIRE ~71:The Goodyear Tire & Rubber Company, 200 Innovation Way, AKRON 44316-0001, OH, USA, United States of America ~72: FELTES, Serge Guillaume;SCHWEITZER, Claude;SOSNOWSKI, Alexis~ 33:US ~31:17/930,833 ~32:09/09/2022

2023/08628 ~ Complete ~54:AN AUTOMATIC RESUSCITATOR BAG VENTILATOR ~71:AGARWAL, Arpit, UG STUDENT, SCHOOL OF MECHANICAL ENGG, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;DANDAWATE, Parth, UG STUDENT, SCHOOL OF MECHANICAL ENGG, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;KANTHALE, Vilas S., ASSOCIATE PROFESSOR, SCHOOL OF MECHANICAL ENGG., DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India;PANWAR, Vikramaditya Singh, UG STUDENT, SCHOOL OF MECHANICAL ENGG, DR. VISHWANATH MIT WORLD PEACE UNIVERSITY, PUNE, MAHARASHTRA, 411038, India ~72: AGARWAL, Arpit;DANDAWATE, Parth;KANTHALE, Vilas S.;PANWAR, Vikramaditya Singh~

2023/08631 ~ Complete ~54:CONTAINER CLOSURE WITH TAMPER-EVIDENT RING, AND METHOD FOR ASSEMBLING A CONTAINER CLOSURE OF THIS KIND ~71:BERICAP HOLDING GMBH, Kirchstasse 5, Germany ~72: NUSBAUM, Philippe~ 33:DE ~31:10 2021 105 870.8 ~32:10/03/2021;33:DE ~31:10 2021 113 872.8 ~32:28/05/2021

2023/08634 ~ Complete ~54:ROTATING TRACK GUIDE COMPONENTS WITH WHITE-IRON SEGMENTS ~71:CATERPILLAR INC., 100 NE Adams Street, United States of America ~72: JOHANNSEN, Eric James;RATHOD, Chandrasen Rameshlal;RECKER, Roger L.~ 33:US ~31:17/199,763 ~32:12/03/2021

2023/08638 ~ Complete ~54:APPARATUS FOR LENGTHENING THE VIBRATING LENGTH OF STRINGS ON A HARP ~71:Joris Beets Design Limited, 142 Mapledene Road, London, E8 3LL, United Kingdom ~72: Joris Willem BEETS;Olav Jens HOEKSTRA~ 33:GB ~31:2103096.0 ~32:04/03/2021

2023/08645 ~ Complete ~54:ANTI-VEGF ANTIBODY AND USE THEREOF ~71:Jiangxi Jemincare Group Co., Ltd., Tower 14, Zhongxing Software Park, 688, Aixihu North Road, NANCHANG 330096, JIANGXI, CHINA (P.R.C.), People's Republic of China;Shanghai Jemincare Pharmaceutical Co., Ltd., No.1118 Halei Road, Pilot Free Trade Zone, Pudong New Area, SHANGHAI 201203, CHINA (P.R.C.), People's Republic of China ~72: CAO, Xiaodan;DENG, Sujun;GU, Chunyin;LIU, Xiaowu;PAN, Zhongzong;WANG, Xueping;WANG, Zongda~ 33:CN ~31:202110183560.5 ~32:10/02/2021

2023/08613 ~ Complete ~54:CARRYING DEVICE FOR LAYERINNG AND CLASSIFYING WHICH IS USED FOR THE MACHINE FOR STAIR CLIMBING AND WORKING METHOD THEREOF ~71:Anhui Polytechnic University, Beijing Middle Road, Wuhu City, Anhui Province, 241000, People's Republic of China ~72: Guodong HU;Hongwei LI;Qijie WANG;Youyu LIU;Zhao FANG~ 33:CN ~31:202310468978X ~32:27/04/2023

2023/08618 ~ Complete ~54:ANTIBODIES AGAINST PD-L1 ~71:GENMAB A/S, Kalvebod Brygge 43, 1560, Copenhagen V, Denmark ~72: BART DE GOEIJ;DAVID SATIJN;DENNIS VERZIJL;EDWARD VAN DEN BRINK;ISIL ALTINTAS;PAUL PARREN;RIK RADEMAKER~ 33:DK ~31:PA 2017 00164 ~32:09/03/2017;33:DK ~31:PA 2017 00408 ~32:11/07/2017

2023/08623 ~ Complete ~54:AN AUTOMATED TOLL COLLECTION SYSTEM ~71:DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;JOSHI, Preeti Manoj, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;KUKLANI, Om, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;PANDE, Milind Sudhakar, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;SAYYED, Hazique, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;SHAIKH, Siddika, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;VISHWARUPE, Varad Vivek, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India ~72: JOSHI, Preeti Manoj;KUKLANI, Om;PANDE, Milind Sudhakar;SAYYED, Hazique;SHAIKH, Siddika;VISHWARUPE, Varad Vivek~

2023/08643 ~ Complete ~54:HYDROXYHETEROCYCLOALKANE-CARBAMOYL DERIVATIVES ~71:Idorsia Pharmaceuticals Ltd, Hegenheimermattweg 91, ALLSCHWIL 4123, SWITZERLAND, Switzerland ~72: BOLLI, Martin;GATFIELD, John;GRISOSTOMI, Corinna;REMEN, Lubos;SAGER, Christoph;ZUMBRUNN, Cornelia~ 33:IB ~31:2021/053084 ~32:09/02/2021

2023/08607 ~ Provisional ~54:BARRING APPARATUS AND METHOD ~71:CMTI CONSULTING (PTY) LTD, The Point, Unit A1, 23 Sterling Road, South Africa ~72: BURGER, Nicolaas, Daniel, Lombard~

2023/08609 ~ Complete ~54:PROCESS CARTRIDGE, PROCESS CARTRIDGE GROUP, AND IMAGE-FORMING APPARATUS ~71:ZHUHAI PANTUM ELECTRONICS CO., LTD., Building 02, Building 06, Building 08, No. 888, Shengping Avenue, Pingsha Town, Jinwan District, People's Republic of China ~72: HUO, Dewen;SHAO, Zhe;TANG, Peihuan;YANG, Hongjian~ 33:CN ~31:2022112161615 ~32:30/09/2022;33:CN ~31:2023108344980 ~32:07/07/2023

2023/08612 ~ Complete ~54:A FOUR-DEGREE-OF-FREEDOM FLOATING GRINDING DEVICE ~71:Anhui Polytechnic University, Beijing Middle Road, Wuhu City, Anhui Province, 241000, People's Republic of China ~72: Guodong HU;Hongwei LI;Qijie WANG;Songsong LU;Youyu LIU~ 33:CN ~31:2023101850337 ~32:25/02/2023

2023/08630 ~ Complete ~54:PHENALKYLAMINES AND METHODS OF MAKING AND USING THE SAME ~71:GILGAMESH PHARMACEUTICALS, INC., 113 University Place, Suite 1019, United States of America ~72: KRUEGEL, Andrew Carry~ 33:US ~31:63/160,292 ~32:12/03/2021

2023/08611 ~ Complete ~54:METHOD FOR PROMOTING IN-BOTTLE FLOWERING OF TISSUE CULTURE SEEDLINGS OF CYMBIDIUM GOERINGII ~71:ANHUI SCIENCE AND TECHNOLOGY UNIVERSITY, 9 Donghua Road, Chuzhou City, Anhui Province, People's Republic of China;Zhejiang Academy of Agricultural Sciences, No. 298, Desheng Middle Road, Hangzhou, Zhejiang Province, People's Republic of China ~72: CHEN Yue;DU Jianke;SUN Chongbo;WANG Yunzhu;ZHANG Yuanbing;ZHAO Kunkun;ZHAO Wanqiu~

2023/08615 ~ Complete ~54:A STRANDED CABLE WITH FILLED BULBS ~71:DAK ENGINEERING PROPRIETARY LIMITED, 22 Pulley Street, Boltonia, Krugersdorp, South Africa ~72: MATHEWS, Thomas Daniel Gurney;POTGIETER, John Adrian~ 33:ZA ~31:2022/11558 ~32:24/10/2022

2023/08619 ~ Complete ~54:HYDROGEL CROSS-LINKED HYALURONIC ACID PRODRUG COMPOSITIONS AND METHODS ~71:ASCENDIS PHARMA A/S, Tuborg Boulevard 5, 2900, Hellerup, Denmark;GENENTECH, INC., 1 DNA Way, South San Francisco, California, 94080, United States of America ~72: BURKHARDT LAUFER;CHINGWEI VIVIAN LEE;DANIELA BUMBACA YADAV;GERMAINE FUH;HARALD RAU;NICOLA BISEK;PATRICK KOENIG;SAMUEL WEISBROD;SEBASTIAN STARK;THOMAS KNAPPE;TOBIAS VOIGT~ 33:US ~31:62/475,094 ~32:22/03/2017

2023/08625 ~ Complete ~54:A SYSTEM FOR PUBLIC HEALTH PROGNOSIS MEASURES BASED ON HUMAN INSPIRED ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING INTERPRETABILITY ~71:DESHMUKH, Aseem Waman, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;MANDORA, Neha Rajendra, SCHOOL OF PUBLIC HEALTH, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;MATHIAS, Nicole Wilma Patrick, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;PANDE, Milind Sudhakar, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;VISHWARUPE, Varad Vivek, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;ZAHOORJ, Saniya, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India ~72: DESHMUKH, Aseem Waman;MANDORA, Neha Rajendra;MATHIAS, Nicole Wilma Patrick;PANDE, Milind Sudhakar;VISHWARUPE, Varad Vivek;ZAHOORJ, Saniya~

2023/08627 ~ Complete ~54:AN INTELLIGENT INTERACTIVE SYSTEM FOR ANALYZING ONLINE NEWS ARTICLES ~71:BEDEKAR, Mangesh Vilas, SCHOOL OF COMP ENGG. &TECHNOLOGY, MIT WPU CAMPUS, S. NO. 124,KOTHRUD, PUNE, MAHARASHTRA, 411038, India;DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, MIT WORLD PEACE UNIVERSITY S.NO.124, PAUD ROAD, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;HANKEY,Alexander, SCHOOL OF BIOLOGY, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;PANDE,Milind Sudhakar, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;PATIL,Avinash Prakash, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;VISHWARUPE,Varad Vivek, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India;ZAHOOR, Saniya, SCHOOL OF COMPUTER SCIENCE, MIT WPU CAMPUS, S. NO. 124, KOTHRUD, PUNE, MAHARASHTRA, 411038, India ~72: BEDEKAR, Mangesh Vilas;HANKEY,Alexander;PANDE,Milind Sudhakar;PATIL,Avinash Prakash;VISHWARUPE,Varad Vivek;ZAHOOR, Saniya~

2023/08636 ~ Complete ~54:PROTECTION METHOD FOR OVERTEMPERATURE OF PERMANENT MAGNET ELECTRIC MOTOR IN ALL-ELECTRIC VEHICLE ~71:West Anhui University, Yueliang Island, Yu'an District, Lu'an City, Anhui Province, 237000, People's Republic of China ~72: Chengling Lu;Chengtao Du;Gang Zhang;Jie Fang;Xuejuan Wu~

2023/08608 ~ Provisional ~54:A DEVICE FOR PROTECTING AN ASSET ~71:G-MATRIX SYSTEMS (PTY) LTD, Building 3, Highgrove Office Park, 50 Tegel Avenue, Highveld Park, Centurion, 0157, South Africa ~72: CHRISTIAAN ABRAHAM ALBERTS;QUINTIN VAN WYNGAARDT~

2023/08620 ~ Complete ~54:THERMAL STORAGE AIR CONDITIONING ~71:SPOORMAKER & PARTNERS INC, S&P House Cnr Lenchen Avenue North & South Street, Centurion, South Africa ~72: PATRICK SHELDON COSTELLO~ 33:ZA ~31:2022/07747 ~32:13/07/2022

2023/08629 ~ Complete ~54:A SYSTEM FOR ENHANCING ANAEROBIC DIGESTION POTENTIAL OF DAIRY WASTE ACTIVATED SLUDGE BY SONO-ALKALIZATION PRETREATMENT ~71:Dr. J. Rajesh Banu, Associate Professor, Department of Life Sciences, Central University of Tamilnadu,Thiruvarur, 610005, India;Dr. R. UmaRani, Associate Professor, 29,Hig Plot, Selvam Building, JJ Nagar, Ariyalur, 621704, TamilNadu, India ~72: Dr. J. Rajesh Banu;Dr. R. UmaRani;Dr. S. AdishKumar~

2023/08635 ~ Complete ~54:CHOCOLATE AND CHOCOLATE CONFECTIONERY ~71:WET HOLDINGS (GLOBAL) LIMITED, Greville House, 11 Abbey Hill, United Kingdom ~72: ADAMS, Michael;MOHAMED, Ahmed~ 33:GB ~31:2103394.9 ~32:11/03/2021

2023/08639 ~ Complete ~54:SEED COATING COMPOSITION COMPRISING AN ORGANIC ACID ~71:YARA UK LIMITED, Wellington Road, Pocklington Industrial Estate, United Kingdom ~72: BROWN, Jonathan;QUIGNON, Caroline;WARD, Stuart~ 33:GB ~31:2105328.5 ~32:14/04/2021

2023/08644 ~ Complete ~54:ANTI-PD-L1 ANTIBODY AND USE THEREOF ~71:Jiangxi Jemincare Group Co., Ltd., Tower 14, Zhongxing Software Park, 688, Aixihu North Road, JIANGXI 330096, NANCHANG, CHINA (P.R.C.), People's Republic of China;Shanghai Jemincare Pharmaceutical Co., Ltd., No.1118 Halei Road, Pilot Free Trade Zone, Pudong New Area, SHANGHAI 201203, CHINA (P.R.C.), People's Republic of China ~72: CAO, Xiaodan;DENG, Sujun;LIU, Xiaowu;PAN, Zhongzong;SONG, Jianqiu;WANG, Xueping;WANG, Zongda~ 33:CN ~31:202110183554.X ~32:10/02/2021

2023/08646 ~ Complete ~54:PRODRUG COMPOUND, PREPARATION METHOD THEREFOR AND USE THEREOF ~71:Minghui Pharmaceutical (Hangzhou) Limited, Suite 4-401, Building 4, Hexiang Technology Center, Qiantang New Area, HANGZHOU 310018, ZHEJIANG, CHINA (P.R.C.), People's Republic of China;Minghui Pharmaceutical (Shanghai) Limited, Suite 6305, Building 6, 338 Jialilue Road, China (Shanghai) Pilot Free Trade Zone, PUDONG NEW AREA 201203 , SHANGHAI, CHINA (P.R.C.), People's Republic of China ~72: CAO, Guoqing;LI, Ao;SHI, Junwei;YAO, Yuanshan~ 33:CN ~31:202110182307.8 ~32:09/02/2021

2023/08642 ~ Complete ~54:PHARMACEUTICAL COMPOSITION CONTAINING ANTI-TSLP ANTIBODY ~71:CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., No. 369 Yuzhou South Rd., Lianyungang, Jiangsu, 222062, People's Republic of China ~72: LINGJIE KONG;XIAOLU GUO;YANJU CHENG~ 33:CN ~31:202110235660.8 ~32:03/03/2021

. - APPLIED ON 2023/09/11 -

2023/08650 ~ Provisional ~54:BACKPACK WITH ATTACHED JACKET ~71:Onke Aphelele Majiza, 32 Eland Street, South Africa ~72: Onke Aphelele Majiza~ 33:ZA ~31:20230910 ~32:10/09/2023

2023/08685 ~ Provisional ~54:A SMARTCARD, SMARTPHONE AND MULTI-UTILITY PAYMENT APPS IDENTITY VERIFICATION SYSTEM ~71:BELOSHOANE DEVELOPMENT HUB NPO, 2692 TLHOLOE STREET, ZONE 2, GARANKUWA, South Africa ~72: EZEKIEL RATSHEPHE WRIGHT MAKHENE ~

2023/08686 ~ Provisional ~54:PEBBLES FOR CLEANING COINS WITH COIN WIPING MACHINE/ROBOT AND CONTROL COIN CLEANING MACHINE ~71:FORTUNE GUMEDE, 2B INGUNGULU STREET, ZONE 7, South Africa ~72: FORTUNE GUMEDE ~

2023/08657 ~ Complete ~54:AN OBSERVATION DEVICE FOR BRIDGE CONSTRUCTION MEASUREMENT ~71:CCCC FIRST HIGHWAY ENGINEERING GROUP CO., LTD, Shitong Building A, Zhoujiajing, Guanzhuang, Chaoyang District, Beijing, 100024, People's Republic of China;Shandong Provincial Communications Planning and Design Institute Group Co., LTD, 5# Building, Lianhecaifu Plaza, No.2177 Tianchen Road, Gaoxin District, Jinan City, Shandong Province, 250101, People's Republic of China;THIRD ENGINEERING CO., LTD OF CCCC FIRST HIGHWAY ENGINEERING GROUP, No. 10 Jingsheng North Third Street, Jinqiao Science and Technology Industrial Base, Tongzhou Park, Zhongguancun Science and Technology Park, Tongzhou District, Beijing, People's Republic of China ~72: Dehuan SUN;Deqiang LI;Guyue HU;Hailong SUO;Hongwei ZHANG;Jihao SHI;Jingchen CHENG;Lei ZHANG;Wei RONG;Xuchang LUO;Yan CHAI;Yongbing GUO;Yufeng WEI;Zhenguo LIU;Zhenxi AI;Zhiqiang FU~

2023/08664 ~ Complete ~54:PREPARATION METHOD FOR IRON-BASED WEAR-RESISTANT COMPOSITE MATERIAL ~71:TAIYUAN UNIVERSITY OF TECHNOLOGY, No. 79 Yingze West Street, Taiyuan City, People's Republic of China ~72: LAN, Liwei;LIU, Ruifeng;SUN, Xiaozhe;WANG, Xian;YAN, Jie~

2023/08668 ~ Complete ~54:PYRIDINE DERIVATIVES WITH N-LINKED CYCLIC SUBSTITUENTS AS CGAS INHIBITORS ~71:BOEHRINGER INGELHEIM INTERNATIONAL GMBH, Binger Strasse 173, Germany ~72: GNAMM, Christian;GODBOUT, Cédrickx;GROSS, Patrick;GRUNDL, Marc Alexander;HANDSCHUH, Sandra Ruth;HEIMANN, Annekatrin Charlotte;HOENKE, Christoph;KLEY, Joerg;KUTTRUFF, Christian, Andreas;REINERT, Dirk;STUBER, Raphael;THEIS, Theodor~ 33:EP ~31:21173689.7 ~32:12/05/2021

2023/08651 ~ Provisional ~54:SELF REGULATING REACTOR ~71:Jacobus Johannes van der Merwe, 1060 Pierneef Street, Villieria, South Africa ~72: Jacobus Johannes van der Merwe~

2023/08654 ~ Complete ~54:VIBRATION ISOLATION MECHANISM FOR VIBRATING APPARATUS IN PLANT ~71:THE SECOND CONSTRUCTION ENGINEERING COMPANY LTD. OF CHINA CONSTRUCTION SECOND ENGINEERING BUREAU, No.0169 Qianhai Road, Nanshan subdistrict, Nanshan District, Shenzhen, 518000, People's Republic of China ~72: FAN, Peng;FENG, Ruili;HE, Yunzhi;LI, Jian;LIN, Dongqin;LIU, Yang;WANG, Gang;WU, Huihui;YUAN, Xin~

2023/08661 ~ Complete ~54:SOIL CONDITIONER AND PREPARATION METHOD THEREFOR ~71:Institute of Plant Nutrition, Resources and Environment, Henan Academy of Agricultural Sciences, No.116 Huayuan Road, Jinshui District, Zhengzhou City, Henan Province, People's Republic of China ~72: Cuimin Gao;Fang He;Hao Liu;Jicheng Wu;Jinli Ding;Sensen Zhang;Xiaoying Pan;Yonghui Yang;Yunhong Zhang~

2023/08666 ~ Complete ~54:SYSTEMS AND METHODS FOR PACKET-SWITCHED TELEPHONY ~71:STARLOGIK IP LLC, 1732 1st Avenue #21468, New York, United States of America ~72: KAHN, Ari~ 33:US ~31:17/173,745 ~32:11/02/2021;33:US ~31:17/173,756 ~32:11/02/2021

2023/08674 ~ Complete ~54:MODULE FOR USE IN PREPARING A PREFABRICATED STRUCTURE, METHOD FOR MANUFACTURING SAME AND TRANSPORT FRAME ~71:Lodestar Structures Inc., 1645 Sydenham Road, Canada ~72: BRADFIELD, Jeffrey Rae Newell;SEARLES, Darrell Albert~ 33:US ~31:63/148,801 ~32:12/02/2021

2023/08677 ~ Complete ~54:INSPECTION SYSTEM ~71:Angel Group Co., Ltd., 4600, Aono-cho, HIGASHIOMI-SHI 5270232, SHIGA, JAPAN, Japan ~72: SHIGETA, Yasushi~ 33:JP ~31:2021-040865 ~32:12/03/2021

2023/08653 ~ Complete ~54:VIBRATION DAMPING AND ISOLATION DEVICE FOR PLANT AND APPLICATION METHOD THEREOF ~71:THE SECOND CONSTRUCTION ENGINEERING COMPANY LTD. OF CHINA CONSTRUCTION SECOND ENGINEERING BUREAU, No.0169 Qianhai Road, Nanshan subdistrict, Nanshan District, Shenzhen, 518000, People's Republic of China ~72: CHEN, Fang;FAN, Peng;FENG, Ruili;HE, Yunzhi;LI, Jian;LIN, Dongqin;LIU, Yang;WANG, Gang;WU, Huihui~

2023/08658 ~ Complete ~54:HIGH-PRECISION IDENTIFICATION METHOD SUITABLE FOR VEHICLE ELECTRICAL ARCHITECTURES ~71:Hunan University, College of Mechanical and Transport Engineering, No.1 South Lushan Road, Yuelu District, Changsha City, Hunan University, 410082, People's Republic of China ~72: Kai SONG;Zhaohui HU~

2023/08669 ~ Complete ~54:APPARATUS FOR DETERMINING DURATION OF HOT WATER RELEASE FROM A BOILER ~71:RUBNER, Arnold, 15b Bezalel Street, Apt 1 9459119, Israel ~72: RUBNER, Arnold~ 33:US ~31:63/170,587 ~32:05/04/2021

2023/08671 ~ Complete ~54:TRAILER ~71:SLEIPNER FINLAND OY, Puistokatu 2 A, Finland ~72: MIETTINEN, Joona~ 33:FI ~31:20215282 ~32:15/03/2021

2023/08672 ~ Complete ~54:MULTI-FACTOR AUTHENTICATION ~71:XERO LIMITED, 19-23 Taranaki Street, New Zealand ~72: KEAR, Nathan;TAN, Steven~ 33:AU ~31:2021900542 ~32:26/02/2021

2023/08679 ~ Complete ~54:PYRIMIDINE DERIVATIVES USEFUL AS LRRK2 KINASE INHIBITORS ~71:Halia Therapeutics, Inc., 1865 W 2100 S, Suite 100, SALT LAKE CITY 84119, UT, USA, United States of America ~72: BEARSS, David J.;KAUWE III, John Sai Keong;MOLLARD, Alexis Henri Abel~ 33:US ~31:63/164,804 ~32:23/03/2021

2023/08684 ~ Complete ~54:GROUSER PIN PRESS ~71:JOAO CARLOS DE FREITAS MARQUES, 93 Cora Botha Street, Houtkop, Vereeniging, 1929, South Africa ~72: JOAO CARLOS DE FREITAS MARQUES~ 33:ZA ~31:2021/00893 ~32:10/02/2021

2023/08655 ~ Complete ~54:METHOD FOR EVALUATING MATURITY DEGREE OF ORGANIC MATTER OF LOWER PALAEOZOIC MARINE SHALE ~71:Chongqing Institute of Geology and Mineral Resources, No. 111 Lanxin Avenue, Konggang New City, Yubei District, Chongqing, 401120, People's Republic of China ~72: CHE, Pingping;DONG, Yi;FU, Aiqing;HE, Tingpeng;HU, Ke;JIANG, Liangmei;LI, Hongmei;LI, Menglai;LI, Tian;LUAN, Jinhua;WANG, Xiong;YANG, Jie;YANG, Liu~

2023/08656 ~ Complete ~54:A SYSTEM TO COMPARE VARIOUS QUANTUM CRYPTOGRAPHY PROTOCOLS UNDER NOISY CONDITIONS ~71:Dr. Vishal Sharma, S/O Shri Kailash Chandra Sharma, Shivam Nagar 1 Plot 56, Ramnagariya, Jagatpura, Jaipur, Rajasthan, 302017, India ~72: Dr. Vishal Sharma~

2023/08660 ~ Complete ~54:A TRADITIONAL CHINESE MEDICINE FORMULA FOR TREATING HYPERTENSION ~71:Chuanshui Zhang, Xiwu Village, Beijiao Town, Zhoucun District, Zibo, Shandong, People's Republic of China;Kaibo Zhang, Xiwu Village, Beijiao Town, Zhoucun District, Zibo, Shandong, People's Republic of China ~72: Chuanshui Zhang;Kaibo Zhang~ 33:CN ~31:2023100386330 ~32:13/01/2023

2023/08662 ~ Complete ~54:IMAGE CAPTURING ~71:Kevo Project Management (Pty) Ltd, 61 Klein Constantia Road, Constantia, South Africa ~72: ELSE, Sean Richard~ 33:ZA ~31:2022/13908 ~32:22/12/2022

2023/08665 ~ Complete ~54:CERAMIC COMPOSITION, SILICON NITRIDE CERAMIC MATERIAL AND PREPARATION METHOD THEREFOR, AND CERAMIC PRODUCT ~71:HENGYANG KAIXIN SPECIAL MATERIAL TECHNOLOGY CO., LTD, No.46 Industrial Avenue, Baishazhou Industrial Park, Yanfeng District

Hengyang, Hunan, 421001, People's Republic of China ~72: CHEN, Juxi;LI, Yongquan;QIAN, Lihong;XIAO, Liang;ZENG, Xiaofeng;ZHU, Fulin~ 33:CN ~31:202111329301.5 ~32:10/11/2021

2023/08670 ~ Complete ~54:APPARATUS AND METHOD FOR CLEAN DIALOGUE LOUDNESS ESTIMATES BASED ON DEEP NEURAL NETWORKS ~71:FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V., Hansastraße 27c, Germany ~72: KRATSCHMER, Michael;NEUGEBAUER, Bernhard;TRAVAGLINI, Alessandro;UHLE, Christian~ 33:EP ~31:PCT/EP2021/056416 ~32:12/03/2021

2023/08680 ~ Complete ~54:TEXTURED EDIBLE PROTEIN PRODUCT DERIVED FROM INSECT LARVAE OR WORMS ~71:Ynsect NL B.V., Harderwijkerweg 141, ERMELO 3852 AB, THE NETHERLANDS, Netherlands ~72: AALBERS, Jan Jordan;D'ANCONA, Coen Willem;HAGEMANS, Selke;PETERS, Guus;VAN DE POLL, Jonkheer Theodoor Hendrik;ZANEN, Paul Sjerp~ 33:NL ~31:2027887 ~32:31/03/2021

2023/08667 ~ Complete ~54:KIT FOR TREATING DAMAGED NERVES ~71:REDDRESS LTD., 11 Shkedim Street, Israel ~72: KUSHNIR, Alon~ 33:IL ~31:281044 ~32:23/02/2021

2023/08673 ~ Complete ~54:SYSTEMS AND METHODS FOR TRAINING MODELS ~71:XERO LIMITED, 19-23 Taranaki Street, New Zealand ~72: GLEYZES, Jerome~ 33:AU ~31:2021900420 ~32:18/02/2021

2023/08676 ~ Complete ~54:COMPOSITIONS AND METHODS FOR REMOVING BIO-SYNTHETIC NANO-PARTICLES FROM BODILY FLUIDS ~71:KALOCYTE, INC., 670 West Baltimore Street, HSRF III, 8th Floor, Baltimore, Maryland, 21201, United States of America;UNIVERSITY OF MARYLAND, BALTIMORE, Office of Technology Transfer, 620 West Lexington Street, 4th Floor, Baltimore, MD 21201, United States of America;UNIVERSITY OF MARYLAND, BALTIMORE COUNTY, Office of Technology Transfer, 1000 Hilltop Circle Engineering Building, Room 329, Baltimore, Maryland, 21250, United States of America ~72: DOCTOR, Allan;MITTAL, Nivesh;PAN, Dipanjan~ 33:US ~31:63/159,547 ~32:11/03/2021;33:US ~31:17/692,289 ~32:11/03/2022

2023/08681 ~ Complete ~54:APPARATUS AND METHODS FOR FORMING ATTACHMENT PADS ~71:KUKA Systems North America LLC, 6600 Center Drive, STERLING HEIGHTS 48312, MI, USA, United States of America ~72: FRENCH, Thomas William;MARX, Timothy James~ 33:US ~31:17/325,554 ~32:20/05/2021

2023/08652 ~ Complete ~54:WALL CONNECTING MEMBER FOR EXTERNAL SCAFFOLD ~71:THE SECOND CONSTRUCTION ENGINEERING COMPANY LTD. OF CHINA CONSTRUCTION SECOND ENGINEERING BUREAU, No.0169 Qianhai Road, Nanshan subdistrict, Nanshan District, Shenzhen, 518000, People's Republic of China ~72: Dong, Haihua;GE, Changjiang;LV, Yang;NIE, Bin;QU, Congwen;SUN, Pengfei;TANG, Qing;WU, Yangpo;ZHANG, Di;ZHANG, Yunbao~

2023/08659 ~ Complete ~54:IMAGE RECOGNITION AND QUALITY INTELLIGENT EVALUATION SYSTEM BASED ON WELD SEAM CHARACTERISTICS OF ALUMINUM ALLOY PRODUCTS ~71:Hunan University, College of Mechanical and Transport Engineering, No.1 South Lushan Road, Yuelu District, Changsha City, Hunan Province, 410082, People's Republic of China ~72: Zhaohui HU~

2023/08663 ~ Complete ~54:A GEOLOCATION VERIFICATION SYSTEM AND METHOD ~71:DISCOVERY LIMITED, 1 Discovery Place, corner of Rivonia Road and Katherine Street, Sandton, 2196, South Africa ~72: IVAN ROBERTS-YORK~ 33:ZA ~31:2022/12317 ~32:11/11/2022

2023/08678 ~ Complete ~54:MODULATORS OF STING (STIMULATOR OF INTERFERON GENES) ~71:Pfizer Inc., 66 Hudson Boulevard East, NEW YORK 10001-2192, NY, USA, United States of America ~72: GAJIWALA, Ketan Satish;HUH, Chan Woo;JALAIE, Mehran;PATMAN, Ryan Lloyd;RUI, Eugene Yuanjin;SUN,

Jianmin;WYTHES, Martin James~ 33:US ~31:63/162,640 ~32:18/03/2021;33:US ~31:63/165,459 ~32:24/03/2021

2023/08683 ~ Complete ~54:HARDWARE FOR ENABLING INTERFACE WITH OPTICAL FIBERS IN AN OVERHEAD ELECTRICAL CABLE ~71:CTC Global Corporation, 2026 McGaw Avenue, IRVINE 92614, CA, USA, United States of America ~72: PILLING, Douglas A.;PILLING, Ian M.;WEBB, William;WONG, Christopher~ 33:US ~31:63/157,603 ~32:05/03/2021

2023/08675 ~ Complete ~54:SYSTEMS AND METHOD FOR GENERATING LABELLED DATASETS ~71:XERO LIMITED, 19-23 Taranaki Street, New Zealand ~72: CHEAH, Soon-Ee;FAKHOURI, Salim;GLEYZES, Jerome;KHODEIR, Mohamed;WU, Yu~ 33:AU ~31:2021900421 ~32:18/02/2021

2023/08682 ~ Complete ~54:VAGINAL MICROBIOTA-ASSOCIATED METHODS, COMPOSITIONS, AND DEVICES ~71:Freya Biosciences ApS, Fruebjergvej 3, COPENHAGEN Ø 2100, DENMARK, Denmark ~72: ACOSTA, Colleen Denise;BOSMA, Elleke Fenna;MORTENSEN, Brynjulf;RASMUSSEN, Thomas Gundelund;VAN HYLCKAMA VLIEG, Johan E.T.~ 33:US ~31:63/156,328 ~32:03/03/2021

. - APPLIED ON 2023/09/12 -

2023/08687 ~ Provisional ~54:A FINTECH SOLUTION DESIGNED TO BRIDGE THE GAP BETWEEN INDIVIDUALS WHO HAVE ACCESS TO TRADITIONAL BANKING SERVICES (THE "BANKED") AND THOSE WHO DO NOT (THE "UNBANKED"). ~71:Rameez Hendricks, 17 Churchill Rd, South Africa ~72: Rameez Hendricks~

2023/08690 ~ Provisional ~54:APPARATUS, SYSTEM AND METHOD FOR CRACKING NUTS ~71:NICHE PRODUCTS LTD UK, 111 Heath End Road, Flackwell Heath, High Wycombe HP10 9ES, UNITED KINGDOM, United Kingdom ~72: HAWKINS, David John Drake~

2023/08697 ~ Complete ~54:TRANSLATIONAL STEERING APPARATUS FOR A STAIR CLIMBING MACHINE AND A WORKING METHOD THEREOF ~71:Anhui Polytechnic University, Beijing Middle Road, Wuhu City, Anhui Province, 241000, People's Republic of China ~72: Guodong HU;Hongwei LI;Qijie WANG;Yi LI;Youyu LIU~ 33:CN ~31:2023102777381 ~32:21/03/2023

2023/08701 ~ Complete ~54:3-(1-OXOISOINDOLIN-2-YL)PIPERIDINE-2,6-DIONE DERIVATIVES AND MEDICAL USES THEREOF ~71:NOVARTIS AG, Lichtstrasse 35, Switzerland ~72: BONAZZI, Simone;CERNIJENKO, Artiom;COBB, Jennifer Stroka;DEWHURST, Janetta;KERRIGAN, John Ryan;O'BRIEN, Gary;SUNG, MooJe;THOMSEN, Noel Marie-France;TING, Pamela YF~ 33:US ~31:63/196,422 ~32:03/06/2021

2023/08705 ~ Complete ~54:ACTIVE AND PASSIVE COOPERATIVE COOLING METHOD FOR NUCLEAR POWER PLANT, AND ULTIMATE HEAT SINK SYSTEM ~71:CHINA NUCLEAR POWER ENGINEERING CO., LTD., No. 117 West Third Ring North Road, Haidian District, Beijing, 100840, People's Republic of China ~72: BIN ZHAO;GUANGFEI WANG;HUIYUN MA;JI XING;JIAMING WANG;JIAQI PAN;LIANG DING;LIJUAN LI;MENGJI ZHANG;PEI YU;TING HOU;YAGUANG LIU~ 33:CN ~31:202110295497.4 ~32:19/03/2021

2023/08711 ~ Complete ~54:COMPOSITIONS AND COMPOUNDS FOR CO-DELIVERY OF URIDINE AND KETOLEUCINE ~71:PHARMA CINQ, LLC, 1601 Research Boulevard, Rockville, Maryland, 20850, United States of America ~72: DAVID MICHAEL SIMPSON;REID WARREN VON BORSTEL;ROLANDO ALEJANDRO GARCIA GARCIA~ 33:US ~31:63/151,750 ~32:21/02/2021;33:US ~31:63/151,849 ~32:22/02/2021;33:US ~31:63/228,304 ~32:02/08/2021

2023/08716 ~ Complete ~54:COMPOSITIONS AND METHODS FOR THE TREATMENT OF PLASMODIUM FALCIPARUM MALARIA ~71:Brown University, Box 1949, PROVIDENCE 02912, RI, USA, United States of America;Florida Atlantic University Board of Trustees, 777 Glades Road, BOCA RATON 33431, FL, USA, United States of America ~72: KURTIS, Jonathan;OLEINIKOV, Andrew V.;RAJ, Dipak~ 33:US ~31:63/154,105 ~32:26/02/2021

2023/08703 ~ Complete ~54:A PROCESS FOR PREPARING NON-COSURFACTANT BASED IMMEDIATE RELEASE TOPICAL FORMULATION OF A POORLY SOLUBLE NON-STEROIDAL ANTI-INFLAMMATORY DRUG ~71:SOMADE, Pratik Prakash, Krishna Institute of Medical Sciences, Near Dhebewadi Road, Malkapur, Karad, Maharashtra, 415110, India ~72: BHUTKAR, Mangesh Anil;CHOPADE, Atul Ramchandra;PATIL, Pramod Anil;SOMADE, Prakash Maruti;SOMADE, Pratik Prakash~ 33:IN ~31:202121006207 ~32:15/02/2021

2023/08714 ~ Complete ~54:MODIFICATION ARRANGEMENT FOR HYGROSCOPIC MATERIA ~71:AVANT WOOD OY, Levasentie 23, 70780, Kuopio, Finland ~72: LEHTINEN, Jyrki;PASANEN, Timo;RITVANEN, Pekka;SAYNEVIRTA, Kari;TERVO, Kari~ 33:FI ~31:20217032 ~32:15/02/2021

2023/08691 ~ Provisional ~54:APPARATUS, SYSTEM AND METHOD FOR SEPARATING HUSKS FROM NUTS ~71:NICHE PRODUCTS LTD UK, 111 Heath End Road, Flackwell Heath, High Wycombe HP10 9ES, UNITED KINGDOM, United Kingdom ~72: HAWKINS, David John Drake~

2023/08693 ~ Complete ~54:PRINCIPLE FOR IDENTIFYING AND DETERMINING CONTINUOUS BEAM DAMAGES BASED ON DIFFERENCE METHOD ~71:Jilin Jianzhu University, No. 5088, Xincheng Street, Changchun City, Jilin Province, People's Republic of China ~72: WANG Jing;ZHANG Jiayuan;ZHANG Yunlong~ 33:CN ~31:2023110583068 ~32:22/08/2023

2023/08699 ~ Complete ~54:PROVIDING COMMUNICATION SERVICES THROUGH I/O USER DEVICES TO A USER ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE-164 83, Sweden ~72: ÖKVIST, Peter;ARNGREN, Tommy;BERGKVIST, Adam;HANNU, Hans;LINDERO, David;LINDSTRÖM, Daniel;WÄNSTEDT, Stefan~

2023/08702 ~ Complete ~54:METHODS FOR STORING HEMATOPOIETIC STEM CELLS ~71:HEMANEXT INC., 99 Hayden Avenue, Building B, Suite 620, United States of America ~72: SOWEMIMO-COKER, Samuel, O.~ 33:US ~31:63/158,267 ~32:08/03/2021

2023/08706 ~ Complete ~54:SILVER-LOADED ZEOLITE FILTER AND CONTAINMENT FILTRATION AND EXHAUST SYSTEM OF NUCLEAR POWER PLANT ~71:CHINA NUCLEAR POWER ENGINEERING CO., LTD., No. 117 West Third Ring North Road, Haidian District, Beijing, 100840, People's Republic of China ~72: BIN ZHAO;CHANGDONG WANG;CHANGLIANG LIU;CHAOJIE SUN;CHUNNING JING;DONGLIANG LI;HAIFENG GU;JI XING;JIANG LIU;JIAWEI LIU;JIAZHUO WANG;JILAI ZHANG;JINGMEI ZHU;JUN LI;LIANG DING;LIFENG YANG;MING WU;SHIHUA LIU;XIA ZHAO;XIAOJIANG WANG;YANMIN ZHOU;ZHAO GONG;ZHILIN SONG;ZHIMING ZHANG;ZHONGNING SUN~ 33:CN ~31:202110389118.8 ~32:12/04/2021

2023/08689 ~ Provisional ~54:RAPID DIAGNOSTIC TEST FOR EARLY DETECTION OF BREAST CANCER ~71:BIOMARKER DIAGNOSTECH (PTY) LTD, 62 Sayster Street, Salsoneville, Port Elizabeth 6059, Eastern Cape, SOUTH AFRICA, South Africa ~72: VAN VUUREN, Larry Peter~

2023/08695 ~ Complete ~54:IMPROVED TRACE METHOD FOR THREE-DIMENSIONAL MATERIAL STRUCTURE OF CRATON LITHOSPHERE ~71:China University of Geosciences (Beijing), No.29, Xueyuan Road, Haidian District, Beijing, 100083, People's Republic of China ~72: GAO, Xue;HE, Wenyan;LI, Dapeng;LI, Nan;MA, Qiang;QIU, Kunfeng;SU, Yuping;WANG, Sirui;YANG, Liqiang;YU, Hong;ZHANG, Liang;ZHANG, Zhiyu~

2023/08700 ~ Complete ~54:A METHOD OF MEASURING SOIL ~71:AUSTRALIAN NATURAL CAPITAL (IP) PTY LTD, c/- GPO 1920, Brisbane, Australia ~72: LODGE, Benjamin Joe~ 33:AU ~31:2021900744 ~32:15/03/2021;33:AU ~31:2021221611 ~32:25/08/2021

2023/08708 ~ Complete ~54:METHODS AND SYSTEMS FOR SELECTIVELY PREVENTING OPERATION OF A COMPONENT ~71:LEXMARK INTERNATIONAL, INC., 740 West New Circle Road, Lexington, Kentucky, 40550, United States of America ~72: STEPHEN P BUSH;TIMOTHY J RADEMACHER~ 33:US ~31:63/162,861 ~32:18/03/2021;33:US ~31:17/498,494 ~32:11/10/2021

2023/08712 ~ Complete ~54:PSD-95 INHIBITORS AND USES THEREOF ~71:UNIVERSITY OF COPENHAGEN, Nørregade 10, Denmark ~72: BECH-BARTLING, Christian Reinhard Otto;SEREIKAITE, Vita;STRØMGAARD, Kristian~ 33:EP ~31:21173587.3 ~32:12/05/2021

2023/08717 ~ Complete ~54:STABLE FUNGICIDAL COMPOSITIONS ~71:UPL Corporation Limited, 6th Floor, Suite 157B, Harbor Front Building, President John Kennedy Street, PORT LOUIS, MAURITIUS, Mauritius;UPL Europe Ltd, The Centre, 1st Floor, Birchwood Park, WARRINGTON WA3 6YN, CHESHIRE, UNITED KINGDOM, United Kingdom ~72: FLOOD, Charles;KAUR, Pardeep;MUKHERJEE, Dev Varta~ 33:GB ~31:2102142.3 ~32:16/02/2021

2023/08688 ~ Provisional ~54:A BLAST-RESISTANT SAFE ~71:INTEGRATED CONVOY PROTECTION (PTY) LTD., 70 Klipkop, Graham Road, Lynnwood Road Extension, PRETORIA 0056, Gauteng Province, SOUTH AFRICA, South Africa ~72: ERWEE, Hermanus Philippus~

2023/08704 ~ Complete ~54:SYSTEMS AND METHODS FOR GENERATING DOCUMENT NUMERICAL REPRESENTATIONS ~71:XERO LIMITED, 19-23 Taranaki Street, New Zealand ~72: CHEAH, Soon-Ee;FAKHOURI, Salim;GLEYZES, Jerome;KHODEIR, Mohamed;WU, Yu~ 33:AU ~31:2021900419 ~32:18/02/2021

2023/08694 ~ Complete ~54:METHOD FOR REDUCING NEGATIVE IMPACT OF MICROPLASTICS ON BIOLOGICAL REGULATION TO FACILITATE EFFICIENT COMPOSTING OF SEWAGE SLUDGE ~71:Guangdong Yuehai Water Investment Co., Ltd., Building 1, Yuehai Water, No. 68, East Lake Road, Reservoir Community, Huangbei Street, Luohu District, Shenzhen, People's Republic of China;Harbin Institute of Technology, No.92 West Dazhi Street, Nan Gang District, Harbin, Heilongjiang, People's Republic of China;Harbin Institute of Technology Water Resources National Engineering Research Center Co., Ltd., 73 Huanghe Road, Nangang District, Harbin, Heilongjiang, People's Republic of China ~72: JIAO, Yimeng;WU, Rui;ZHANG, Jun;ZHENG, Chengzhi~ 33:CN ~31:2023108311722 ~32:07/07/2023

2023/08698 ~ Complete ~54:TREATMENT OF CILIOPATHIES ~71:ETHRIS GMBH, Semmelweisstrasse 3, 82152, Planegg, Germany ~72: ADRIAN TER STEEGE;CARSTEN RUDOLPH;CHRISTIAN DOHMEN;HEYMUT OMRAN;JOHANNA RAIDT;JOHANNES GEIGER;KAI WOHLGEMUTH;LUDWIG WEISS;MANISH ANEJA;NIKI TOMAS LOGES;PETRA PENNEKAMP;REBEKKA KUBISCH-DOHMEN;SANDRA CINDRIC;VERENA MUMMERT~ 33:EP ~31:19 15 7210.6 ~32:14/02/2019

2023/08718 ~ Complete ~54:METHOD FOR PREVENTIVE TREATMENT OF A PLANT ~71:EVERGREEN GARDEN CARE FRANCE SAS, 4 Allée des Séquoias, France ~72: DAUFFY, Jérémy;HENRY, Pauline;MARTEL, Laurent~ 33:FR ~31:2102826 ~32:22/03/2021

2023/08710 ~ Complete ~54:COMPOSITIONS COMPRISING A VARIANT POLYPEPTIDE AND USES THEREOF ~71:ARBOR BIOTECHNOLOGIES, INC., 20 Acorn Park Drive, Tower 500, Cambridge, Massachusetts, 02140, United States of America ~72: ANTHONY JAMES GARRITY;BRENDAN JAY

HILBERT;LAUREN E ALFONSE;QUINTON NORMAN WESSELLS;SHAORONG CHONG~ 33:US ~31:63/158,741 ~32:09/03/2021;33:US ~31:63/294,224 ~32:28/12/2021

2023/08713 ~ Complete ~54:MELANOCORTIN SUBTYPE-2 RECEPTOR (MC2R) ANTAGONIST FOR THE TREATMENT OF DISEASE ~71:CRINETICS PHARMACEUTICALS, INC., 10222 Barnes Canyon Road, Building #2, United States of America ~72: FERRARA-COOK, Christine;KRASNER, Alan S.~ 33:US ~31:63/163,310 ~32:19/03/2021;33:US ~31:63/298,571 ~32:11/01/2022

2023/08692 ~ Provisional ~54:WATER VALVE ARRANGEMENT ~71:MERMAID WATER SAVER (PTY) LTD., 28 Tudor Rose Lodge, 5 Tana Road, SUNNINGHILL, Johannesburg 2191, Gauteng, SOUTH AFRICA, South Africa ~72: MURMAN, Christian Theodor~

2023/08696 ~ Complete ~54:APPLICATION OF NAD+ SUPPLEMENT IN PREPARATION OF DRUG FOR TREATING, PREVENTING, OR ALLEVIATING ACUTE ALCOHOLIC LIVER INJURY ~71:FULGENT LIFE INC. (US), 46 NEW DAWN, IRVINE, CA, 92620, United States of America;Guangdong Haihe Biomedical Technology Co., Ltd (China), 210, Building 2, Huahan Science and Technology Industrial Park, Pingshan Street, Pingshan District, Shenzhen City, Guangdong Province, 518118, People's Republic of China ~72: TANG, Shengzhen;TIAN, Shiliu;WU, Ke;WU, Yong;YI, Long;ZHOU, Fei~

2023/08707 ~ Complete ~54:COMPOSITIONS COMPRISING A VARIANT POLYPEPTIDE AND USES THEREOF ~71:ARBOR BIOTECHNOLOGIES, INC., 20 Acorn Park Drive, Tower 500, Cambridge, Massachusetts, 02140, United States of America ~72: ANTHONY JAMES GARRITY;BRENDAN JAY HILBERT;LAUREN E ALFONSE;QUINTON NORMAN WESSELLS;SHAORONG CHONG;WEI-CHENG LU~ 33:US ~31:63/158,738 ~32:09/03/2021;33:US ~31:63/176,021 ~32:16/04/2021

2023/08709 ~ Complete ~54:SECURITY DEVICE COMPUTATION MATCHING ~71:LEXMARK INTERNATIONAL, INC., 740 West New Circle Road, Lexington, Kentucky, 40550, United States of America ~72: JENNIFER TOPMILLER WILLIAMS;TIMOTHY JOHN RADEMACHER;ZACHARY NATHAN FISTER~ 33:US ~31:63/163,385 ~32:19/03/2021;33:US ~31:17/498,230 ~32:11/10/2021

2023/08715 ~ Complete ~54:METHOD AND APPARATUS FOR DETERMINING PROPERTIES OF HYGROSCOPIC MATERIAL IN REAL-TIME DURING MODIFICATION ~71:AVANT WOOD OY, c/o Ritvanen Kasityokatu 9 as. 3, 70100, Kuopio, Finland ~72: LEHTINEN, Jyrki;PASANEN, Timo;RITVANEN, Pekka;SAYNEVIRTA, Kari;TERVO, Kari~

. - APPLIED ON 2023/09/13 -

2023/08731 ~ Complete ~54:FITTED FACE MASK APPARATUS ~71:LIGHTHOUSE WORLDWIDE SOLUTIONS, INC., 1221 DISK DRIVE, MEDFORD, OR 97501, USA, United States of America ~72: NEWMAN, Paul~ 33:US ~31:17/182,834 ~32:23/02/2021

2023/08733 ~ Complete ~54:CORYNEBACTERIUM GLUTAMICUM VARIANT HAVING IMPROVED L-LYSINE PRODUCTION ABILITY, AND METHOD FOR PRODUCING L-LYSINE BY USING SAME ~71:DAESANG CORPORATION, 26, CHEONHO-DAERO DONGDAEMUN-GU, SEOUL 02586, REP OF KOREA, Republic of Korea ~72: HONG, In Pyo;MOON, Min Woo;PARK, Joon Hyun;PARK, Seok Hyun;RYU, Mi~ 33:KR ~31:10-2021-0030960 ~32:09/03/2021;33:KR ~31:10-2021-0054313 ~32:27/04/2021

2023/08737 ~ Complete ~54:GENE THERAPY FOR TREATING BETA-HEMOGLOBINOPATHIES ~71:SHANGHAITECH UNIVERSITY, Room 207, Administration Center, No.393 Middle Huaxia Road, Pudong New Area, People's Republic of China ~72: CHEN, Jia;HAN, Wenyan;SUN, Shangwu;YANG, Bei;YANG,

Li;ZHANG, Ying~ 33:CN ~31:PCT/CN2021/085285 ~32:02/04/2021;33:CN ~31:PCT/CN2021/115140 ~32:27/08/2021

2023/08739 ~ Complete ~54:TRACK SHOE WITH LARGE CAVITIES ON GROUND ENGAGING SURFACES HAVING A PROTRUDING SIDEWALL OR AN OVAL PERIMETER ~71:CATERPILLAR INC., 100 NE Adams Street, United States of America ~72: DUMITRU, Mircea;JONES, Benjamin, Isaac~ 33:US ~31:17/201,408 ~32:15/03/2021

2023/08742 ~ Complete ~54:NITROGEN-CONTAINING HETEROCYCLIC KETONES, PREPARATION METHODS AND MEDICINAL USES THEREOF ~71:HANSOH BIO LLC, Hansoh Bio, 9900 Medical Center Drive, Ste 200, Rockville, Maryland, 20850, United States of America;JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD., Economic and Technological Development Zone, Lianyungang, Jiangsu, 222047, People's Republic of China;SHANGHAI HANSOH BIOMEDICAL CO., LTD., Building 2, No.3728 Jinke Road, Zhangjiang, Hi-Tech Park, Shanghai, 201203, People's Republic of China ~72: CHE LIU;GANG LIU;HUGH Y ZHU~ 33:US ~31:63/162,125 ~32:17/03/2021;33:US ~31:63/265,004 ~32:06/12/2021

2023/08723 ~ Complete ~54:DETECTING AND COUNTING DILUTER FOR BULL SEMEN DENSITY ~71:Branch of Animal Husbandry and Veterinary of Heilongjiang Academy of Agricultural Sciences, Research Street, Fularji District, Qiqihar City, Heilongjiang Province, 161000, People's Republic of China ~72: A Xiaohui;Ding Deli;Ding Liyan;Guo Chunhui;Han Yongsheng;He Baoguo;Huang Hong;Huang Meng;Huo Mingdong;Jia Bin;Lan Shijie;Li Hongyu;Li Li;Li Ping;Li Qingying;Li Tongbao;Li Wei;Li Yulong;Lin Xiuwei;Liu Wen;Song Xueying;Wang Dexiang;Wang Hao;Wang Hongbao;Wang Jiahui;Wang Ruoding;Wang Yanfei;Yao Meiling;Zhu Yuanfang~ 33:CN ~31:202222715803.8 ~32:07/10/2022

2023/08724 ~ Complete ~54:CRUSHER FOR DETECTING POTATO DISEASES ~71:Institute of Industrial Crops of Heilongjiang Academy of Agricultural Sciences, No. 368 Xuefu Road, Nangang District, Harbin, Heilongjiang, 150000, People's Republic of China ~72: Di Guili;Fan Guoquan;Gao Yanling;Han Shuxin;Li Qingquan;Liu Kai;Ma Li;Wang Peng;Wang Wenjun;Wang Xianguo;Xiao Changwen;Yan Feng;Yu Jiang;Zhang Lei;Zhang Shu~ 33:CN ~31:202310076308.3 ~32:08/02/2023

2023/08743 ~ Complete ~54:NOVEL COMBINATIONS OF ANTIBODIES AND USES THEREOF ~71:BIOINVENT INTERNATIONAL AB, Ideongatan 1, Lund SE-223 70, Sweden;UNIVERSITY OF SOUTHAMPTON, Highfield, Southampton, Hampshire, S017 1BJ, United Kingdom ~72: ALI ROGHANIAN;BJÖRN FRENDÉUS;INGRID TEIGE;LINDA MÅRTENSSON;MARK CRAGG;ROBERT OLDHAM;STEPHEN BEERS~ 33:EP ~31:21161460.7 ~32:09/03/2021

2023/08745 ~ Complete ~54:GOS PRE-CONDITIONING L. REUTERI AND GOS IN FINAL FORMULATION ~71:BIOGAIA AB, Kungsbroplan 3, 112 27 Stockholm, Sweden ~72: BERTRAND BOURQUI;FLORAC DE BRUYN;GUÉNOLÉE ELIANE MARIE PRIOULT;MAGALIE SABATIER;MARIE NOËLLE HORCAJADA;NICOLAS BONNET;STEFAN ROOS~ 33:EP ~31:21162450.7 ~32:12/03/2021

2023/08726 ~ Complete ~54:METHOD SUITABLE FOR IMPROVING SANDY FLUVO-AQUIC SOIL STRUCTURE AND INCREASING CAPACITY AND EFFICIENCY OF NUTRIENTS ~71:Shandong Agricultural University, No. 61, Daizong Street, Tai'an City, Shandong Province, 271000, People's Republic of China ~72: An Chunchun;Chen Xinchuang;Chen Yang;Dong Qianyu;Dong Zhi;Li Xiaoqian;Liu Ruilin;Ma Ning;Wu Qicong;Zhang Chenxu~ 33:CN ~31:202310836911.7 ~32:10/07/2023

2023/08719 ~ Provisional ~54:PROPHYLACTICS ~71:Christian OLIVIER, 234 Seven Oaks Avenue, Chartwell, Fourways, South Africa;Christopher DANIEL, c/o C Olivier 234 Seven Oaks Avenue, Chartwell, Fourways, South Africa ~72: Christian OLIVIER;Christopher DANIEL~

2023/08720 ~ Complete ~54:OPTICAL REACTION WELL FOR ASSAY DEVICE ~71:TALIS BIOMEDICAL CORPORATION, 230 Constitution Drive, Menlo Park, California, 94025, United States of America ~72: THOMAS H CAULEY III~ 33:US ~31:15/928,551 ~32:22/03/2018;33:US ~31:16/027,749 ~32:05/07/2018

2023/08721 ~ Complete ~54:MOBILE RAINFALL SIMULATION CURRENT-COLLECTING DEVICE ~71:Shandong Agricultural University, No. 61, Daizong Street, Tai'an City, Shandong Province, 271000, People's Republic of China ~72: Chen Xinchuang;Dong Zhi;Guo Jianying;Li Hongli;Li Jinrong;Tian Xiumin;Wang Heyun;Zhang Guangcan~ 33:CN ~31:202310524212.9 ~32:11/05/2023

2023/08736 ~ Complete ~54:CARBOXY-BENZIMIDAZOLE GLP-IR MODULATING COMPOUNDS ~71:GILEAD SCIENCES, INC., 333 Lakeside Drive, Foster City, United States of America ~72: ARMSTRONG, Megan K.;CASSIDY, James S.;CHIN, Elbert;CHOU, Chienhung;COTTELL, Jeromy J.;HUNG, Chao-I;KOLAHDOUZAN, Kavoos;LIN, David W.;MITCHELL, Michael L.;ROBERTS, Ezra;SCHROEDER, Scott D.;SHAPIRO, Nathan D.;TAYLOR, James G.;THOMAS-TRAN, Rhiannon;WRIGHT, Nathan E.;YANG, Zheng-Yu~ 33:US ~31:63/177,778 ~32:21/04/2021;33:US ~31:63/286,475 ~32:06/12/2021

2023/08746 ~ Complete ~54:MINIMAL NEPHRIN PROMOTER ~71:SYNCONA IP HOLDCO (3) LIMITED, 8 Bloomsbury Street, London, WC1B 3SR, United Kingdom;THE UNIVERSITY OF BRISTOL, Beacon House, Queens Road, Bristol, BS8 1QU, United Kingdom ~72: ALAN WILLIAM GRIFFITH;GAVIN WELSH;MOIN SALEEM-UDDIN;VALERYIA KUZMUK~ 33:GB ~31:2103470.7 ~32:12/03/2021;33:GB ~31:PCT/GB2021/050633 ~32:12/03/2021;33:GB ~31:PCT/GB2021/051668 ~32:30/06/2021

2023/08744 ~ Complete ~54:PRE-CONDITIONING OF L.REUTERI ~71:BIOGAIA AB, Kungsbroplan 3, 112 27 Stockholm, Sweden ~72: BERTRAND BOURQUI;FLORAC DE BRUYN;GUÉNOLÉE ELIANE MARIE PRIOULT;MAGALIE SABATIER;MARIE NOËLLE HORCAJADA;NICOLAS BONNET;STEFAN ROOS~ 33:EP ~31:21162451.5 ~32:12/03/2021

2023/08722 ~ Complete ~54:COMPOSITE BIOCHAR SALINE SOIL CONDITIONER AND PREPARATION METHOD THEREOF ~71:Pastoral Water Conservancy Science Research Institute of the Ministry of Water Resources, 128 Daxue East Street, Saihan District, Hohhot City, Inner Mongolia Autonomous Region, 010000, People's Republic of China ~72: Abias;Cheng Bo;Dong Lei;Ge Nan;Guo Jiawei;Jin Lingna;Li Hongfang;Li Jinrong;Liu Hu;Liu Xiaoyan;Liu Yi;Miao Henglu;Qian Hongyu;Shi Jianli;Tang Guodong;Tian Xiumin;Wang Jian;Wang Qi;Yuan Shujuan;Zhang Ziqi;Zhou Hui~ 33:CN ~31:202310765335.1 ~32:27/06/2023

2023/08728 ~ Complete ~54:CULTIVATION AND MANAGEMENT METHOD OF ELYMUS NUTANS GRISEB IN ALPINE REGION ~71:GANSU FORESTRY VOCATIONAL AND TECHNICAL COLLEGE, No. 200, Maiji Avenue, Maiji District, Tianshui City, People's Republic of China;XIZANG COLLEGE OF AGRICULTURE AND ANIMAL HUSBANDRY, No. 100, Yucai West Road, Bayi District, Linzhi City, People's Republic of China ~72: Chuanqi WANG;Henna BAOSAI;Mingtao WANG;Yamei XU;Yanjun MIAO~

2023/08749 ~ Complete ~54:METHOD TO RECYCLE POLYESTER-BASED NONWOVEN TO STAPLE FIBER ~71:TWE MEULEBEKE, Marialoopsteenweg 51, Belgium ~72: Dany MICHIELS;Greet DEWITTE;Hugo CHRISTIAEN;Véronique DECAMBRAY~ 33:EP ~31:21166826.4 ~32:02/04/2021

2023/08748 ~ Complete ~54:AUTOMATED BEVERAGE DISPENSER SYSTEM AND METHOD ~71:YUM CONNECT, LLC, 1441 Gardiner Lane, Louisville, Kentucky, 40213, United States of America ~72: AARON THOMAS;ARTHUR FRANCOIS DAVID LEVY;ELVIS JUNIOR PALMA;JOSEPH PARK;KARL THOMAS SZATROWSKI;NICHOLAS MICHAEL DEGNAN;ROBERT WILLIAM LYLE;SZE WUN WONG;WON SUK YOU~ 33:US ~31:63/153,269 ~32:24/02/2021;33:US ~31:63/153,271 ~32:24/02/2021;33:US ~31:63/153,274 ~32:24/02/2021;33:US ~31:63/153,275 ~32:24/02/2021;33:US ~31:63/203,558 ~32:27/07/2021

2023/08747 ~ Complete ~54:CYCLIC COMPOUNDS AND METHODS OF USING SAME ~71:SCHRÖDINGER, INC., 1540 Broadway, 24th Floor, New York, New York, 10036, United States of America ~72: ADAM MARC LEVINSON;HAIFENG TANG;JEREMY ROBERT GREENWOOD;LEAH FRYE;PHANI GHANAKOTA;PIETER HARM BOS;SATHESH BHAT;SAYAN MONDAL;XIANHAI HUANG;ZEF KONST~ 33:US ~31:63/162,711 ~32:18/03/2021;33:US ~31:63/297,058 ~32:06/01/2022

2023/08729 ~ Complete ~54:CULTIVATION AND MANAGEMENT METHOD SUITABLE FOR PLANTING GRASS ON RIVERBANK SANDY LAND ~71:GANSU FORESTRY VOCATIONAL AND TECHNICAL COLLEGE, No. 200, Maiji Avenue, Maiji District, Tianshui City, People's Republic of China;XIZANG COLLEGE OF AGRICULTURE AND ANIMAL HUSBANDRY, No. 100, Yucai West Road, Bayi District, Linzhi City, People's Republic of China ~72: Chuanqi WANG;Henna BAOSAI;Mingtao WANG;Yamei XU;Yanjun MIAO~

2023/08738 ~ Complete ~54:WINDOW BLIND SUPPORT ASSEMBLY ~71:LOUVER-LITE LIMITED, ASHTON ROAD, HYDE CHESHIRE SK 14 4BG, GREAT BRITAIN, United Kingdom ~72: BARNES, Antony;GREENING, Andrew~ 33:GB ~31:2102572.1 ~32:23/02/2021

2023/08740 ~ Complete ~54:METHODS FOR TREATMENT OF VITILIGO ~71:Pfizer Inc., 66 Hudson Boulevard East, NEW YORK 10001-2192, NY, USA, United States of America ~72: PEEVA, Elena~ 33:US ~31:63/167,833 ~32:30/03/2021

2023/08741 ~ Complete ~54:LIQUID DISINFECTANT COMPOSITION AND USE THEREOF ~71:HYPRED, 55 Boulevard Jules Verger, 35800, Dinard, France ~72: CAMILLE FAUCHON;GRÉGOIRE MICHEL CAILLET;OLIVIER CONNAN;RÉGIS JEAN-PAUL PERION~ 33:FR ~31:FR2102378 ~32:11/03/2021

2023/08750 ~ Complete ~54:B-LYMPHOCYTE SPECIFIC AMATOXIN ANTIBODY CONJUGATES ~71:HEIDELBERG PHARMA RESEARCH GMBH, Gregor-Mendel-Strasse 22, Germany ~72: Andreas PAHL;Michael KULKE;Torsten HECHLER~ 33:EP ~31:21163784.8 ~32:19/03/2021

2023/08725 ~ Complete ~54:VIRUS TRANSPORTING AND STORING BOX FOR DETECTING POTATO DISEASES ~71:Institute of Industrial Crops of Heilongjiang Academy of Agricultural Sciences, No. 368 Xuefu Road, Nangang District, Harbin, Heilongjiang, 150000, People's Republic of China ~72: Di Guili;Fan Guoquan;Gao Yanling;Han Shuxin;Li Qingquan;Liu Kai;Ma Li;Wang Peng;Wang Wenjun;Wang Xianguo;Xiao Changwen;Yan Feng;Yu Jiang;Zhang Lei;Zhang Shu~ 33:CN ~31:202310086969.4 ~32:09/02/2023

2023/08727 ~ Complete ~54:A METHOD OF THE DETERMINATION FOR 16 PAHS IN SEDIMENTS BY GAS CHROMATOGRAPHY-MASS SPECTROMETRY ~71:FIRST INSTITUTE OF OCEANOGRAPHY, MINISTRY OF NATURAL RESOURCES, No. 6 Xianxialing Road, Laoshan District, People's Republic of China ~72: Aimei ZHU;Hui ZHANG;Jihua LIU;Yazhi BAI~

2023/08730 ~ Complete ~54:METHODS FOR TREATING DRUG AND VACCINE INDUCED IMMUNE THROMBOCYTOPENIA BY ADMINISTERING SPECIFIC COMPOUNDS ~71:PRINCIPIA BIOPHARMA, INC., 55 Corporate Drive, Bridgewater, United States of America ~72: LANGRISH, Claire;NICOLSON, Phillip L. R.;SMITH, Christopher W.;WATSON, Steve P,~ 33:US ~31:63/175,976 ~32:16/04/2021

2023/08735 ~ Complete ~54:NUCLEIC ACID LIBRARY SEQUENCING TECHNIQUES WITH ADAPTER DIMER DETECTION ~71:ILLUMINA CAMBRIDGE LIMITED, 19 Granta Park, Great Abington, United Kingdom ~72: RASOLONJATOVO, Isabelle;SABOT, Andrea;SANMARTIN, Carla~ 33:US ~31:63/168,762 ~32:31/03/2021

2023/08734 ~ Complete ~54:RECOVERING VALUABLE MATERIAL ~71:NEWCREST MINING LIMITED, Level 8, 600 St Kilda Road, Australia ~72: FUTCHER, William;POWELL, Malcolm Strathmore;SEAMAN, David~ 33:AU ~31:2021900628 ~32:05/03/2021

2023/08732 ~ Complete ~54:METHOD AND APPARATUS FOR AUTHENTICATION ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE-164 83 STOCKHOLM, SWEDEN, Sweden ~72: GAN, Juying;LIANG, Tianmei;REN, Gang;ROMMER, Stefan;ZHANG, Wen~ 33:CN ~31:PCT/CN2021/077462 ~32:23/02/2021

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2023/08765 ~ Complete ~54:TREATMENT OF HIDRADENITIS SUPPURATIVA WITH ORISMILAST ~71:UNION therapeutics A/S, Tuborg, Havnevej 18, HELLERUP DK-2900, DENMARK, Denmark ~72: ANDRES, Philippe;JEMEC, Gregor B.E.;KJØLLER, Kim;SOMMER, Morten;TAUDORF, Elisabeth Hjardem;WEISS, Anne~ 33:GB ~31:2103975.5 ~32:22/03/2021;33:GB ~31:2118420.5 ~32:17/12/2021;33:GB ~31:2201381.7 ~32:03/02/2022

2023/08904 ~ Complete ~54:BUILDING METHOD AND STRUCTURE ~71:LOUBSER, Johann, 38 JOAN AVENUE, MURRAYFIELD, South Africa ~72: LOUBSER, Matthys Johannes~ 33:ZA ~31:2022/07820 ~32:14/07/2022

2023/08916 ~ Complete ~54:GENOMIC INFRASTRUCTURE FOR ON-SITE OR CLOUD-BASED DNA AND RNA PROCESSING AND ANALYSIS ~71:EDICO GENOME, CORP., 3344 North Torrey Pines Court, Plaza Level, United States of America ~72: MCMILLEN, Robert J.;MEHIO, Rami;RUEHLE, Michael;VAN ROOYEN, Pieter~ 33:US ~31:62/277,445 ~32:11/01/2016

2023/08761 ~ Complete ~54:DENTAL CROWN OF DENTAL IMPLANT AND DENTAL IMPLANT THEREOF ~71:CHENGDU KANGMEISHENG MEDICAL TECHNOLOGY CO., LTD., Floor 1, No. 9-16, Wuqing East Fourth Road, Wuhou New Town Management Committee, Wuhou District, Chengdu, Sichuan, 610045, People's Republic of China ~72: LUO, Qiang~ 33:CN ~31:202221107948.3 ~32:10/05/2022

2023/08841 ~ Complete ~54:METHOD AND PLANT FOR PRODUCING ETHYLENE AND/OR OTHER OLEFINS BY STEAM CRACKING ~71:BASF SE, Carl-Bosch-Str. 38, Germany;LINDE GMBH, Dr.-Carl-von-Linde-Strasse 6-14, Germany ~72: BREHM, Peter;GARBE, Gunter;KAMANN, Martin;KECK, Daniel;KELLER, Benedikt;PRUNNER, Clemens;REYNEKE, Hendrik;SCHIETEKAT, Carl;SPERBER, Axel;WECK, Alexander~ 33:EP ~31:21157138.5 ~32:15/02/2021

2023/08771 ~ Complete ~54:TWO-STEP SYNTHESIS OF PYRROLE COMPOUNDS FROM FURAN COMPOUNDS ~71:CHEVRON PHILLIPS CHEMICAL COMPANY LP, 10001 Six Pines Drive, The Woodlands, Texas, 77380, United States of America ~72: KENNETH M LASSEN~ 33:US ~31:17/202,481 ~32:16/03/2021

2023/08758 ~ Complete ~54:A SYSTEM FOR IMPROVING SOLUBILIZATION AND ANAEROBIC BIODEGRADABILITY OF DAIRY WASTE ACTIVATED SLUDGE ~71:Dr. J. Rajesh Banu, Associate Professor, Department of Life sciences, 304, Chariot flats, Karaikattu street, near GRM Girls HSS, Thiruvarur, 610001, India;Dr. R. UmaRani, Associate Professor of Civil Engineering, 29, Hig Plot, Selvam Building, JJ Nagar, Ariyalur 621704, Tamilnadu, India ~72: Dr. J. Rajesh Banu;Dr. R. UmaRani;Dr. S. AdishKumar~

2023/08752 ~ Provisional ~54:SECURITY DEVICE ~71:Jason Blacklock, 118 Jack Nicklaus Drive, Pecanwood Estate, Broederstroom, North West, 0240, South Africa ~72: Jason Blacklock~

2023/08753 ~ Complete ~54:MEDICINAL LIQUOR COMPOSITION AND PREPARATION METHOD THEREOF ~71:Lei Feng, No. 88, Tonghui West Road, Laishan Dist., Yantai, Shandong, 264000, People's Republic of China;Yutang Cai, No. 88, Tonghui West Road, Laishan Dist., Yantai, Shandong, 264000, People's Republic of China ~72: Lei Feng;Yutang Cai~ 33:CN ~31:202211591865.0 ~32:09/12/2022

2023/08756 ~ Complete ~54:DECODING AUDIO BITSTREAMS WITH ENHANCED SPECTRAL BAND REPLICATION METADATA IN AT LEAST ONE FILL ELEMENT ~71:DOLBY INTERNATIONAL AB, Apollo Building 3E Heriikerbergweg 1-35, 1101 CN, Amsterdam Zuidoost, Netherlands ~72: HEIKO PURNHAGEN;LARS VILLEMOES;PER EKSTRAND~ 33:EP ~31:15159067.6 ~32:13/03/2015;33:US ~31:62/133,800 ~32:16/03/2015

2023/08763 ~ Complete ~54:NUCLEAR REACTOR WITH A LIQUID METAL COOLANT ~71:AKME ENGINEERING "JOINT STOCK COMPANY", ul. Pyatnitskaya, dom 13, Stroenie 1, Russian Federation ~72: ARSEN'EV, Urii Aleksandrovich;DEDYL, Aleksandr Vladislavovich;SAMKOTRYASOV, Sergei Vladimirovich;TOSHINSKII, GeorgII Il'ich;VAHRUSHIN, Mihail Petrovich~ 33:RU ~31:2021106629 ~32:15/03/2021

2023/08769 ~ Complete ~54:FOLDABLE ELECTRONIC DEVICE COMPRISING ANTENNA ~71:SAMSUNG ELECTRONICS CO., LTD., 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea ~72: JAEYOUNG HUH;JONGHOON LIM;SEUNGGIL JEON;SUNGCHUL PARK~ 33:KR ~31:10-2021-0031637 ~32:10/03/2021

2023/08764 ~ Complete ~54:DC009 FOR TREATING ACUTE ISCHEMIC STROKE ~71:LUMOSA THERAPEUTICS CO., LTD., 4F, No. 3-2, Park Street, Taiwan, Province of China ~72: CHOU, David Chih-Kuang;LIN, Jung-Chin;PENG, Shiqi;YEH, Sheng-Wen;ZHAO, Ming~ 33:US ~31:63/164,336 ~32:22/03/2021

2023/08773 ~ Provisional ~54:DECENTRALIZED CONSENSUS-BASED PROOF-OF-WORK CCTV ANALYSIS & FAST REACTION SYSTEM – AIRGAP ARCHITECTURE ~71:Michael Smorenburg, 11 Arcadia Steps, Clifton, South Africa ~72: Michael Smorenburg~ 33:ZA ~31:988481 ~32:22/07/2023

2023/08759 ~ Complete ~54:ANTISENSE NUCLEIC ACID THAT INDUCES SKIPPING OF EXON 50 ~71:NATIONAL CENTER OF NEUROLOGY AND PSYCHIATRY, 1-1, Ogawahigashi-cho 4-chome, Kodaira-shi, Tokyo, 1878551, Japan;NIPPON SHINYAKU CO., LTD., 14 Kisshoin Nishinosho Monguchicho, Minami-ku, Kyoto-shi, Kyoto, 6018550, Japan ~72: KANAME MUCHIMA;REIKO WAKI;SHIN'ICHI TAKEDA;YOSHITSUGU AOKI;YUKIKO ENYA;YUTA SUNADOI~ 33:JP ~31:2019-236704 ~32:26/12/2019

2023/08760 ~ Complete ~54:ANTI-KLRG1 ANTIBODIES ~71:ABCURO, INC., 90 Bridge Street, Newton, United States of America ~72: GULLA, Stefano V.;THOMPSON, Kenneth Evan~ 33:US ~31:63/166,663 ~32:26/03/2021;33:US ~31:63/294,436 ~32:29/12/2021

2023/08755 ~ Complete ~54:PRESSURE ACTUATED STICKER DISPENSER ~71:Melissa & Doug, LLC, 10 Westport Road, WILTON 06897, CT, USA, United States of America ~72: BUTLER, Jeff;KRUZEL , Micah;ROJAS-EDGE, Brian;WILSON, Graham~ 33:US ~31:63/406,950 ~32:15/09/2022;33:US ~31:63/527,716 ~32:19/07/2023;33:US ~31:18/234,980 ~32:17/08/2023

2023/08767 ~ Complete ~54:DITERPENOID COMPOUNDS THAT ACT ON PROTEIN KINASE C (PKC) ~71:K-Gen Therapeutics, Inc., 155 Bovet Road, Suite 660, SAN MATEO 94402, CA, USA, United States of America ~72: CHEN, Ruihong;JIANG, Chun~ 33:US ~31:63/164,704 ~32:23/03/2021

2023/08757 ~ Complete ~54:EXTERNAL DECORATIVE UPRIGHT COLUMN ASSEMBLING STRUCTURE ~71:CHINA CONSTRUCTION SECOND ENGINEERING BUREAU LTD, Building E, Yard 6, Automobile Museum East Road, Fengtai District, Beijing, 100071, People's Republic of China ~72: Luo, wang;Wang, jiabao;Wang, shaodong;Wu, suhui;Xia, weijun;Zhang, lang;Zhang, yang;Zhang, yangyang~ 33:CN ~31:CN202321431718.7 ~32:07/06/2023

2023/08766 ~ Complete ~54:PACKAGING FOR ASSAYS AND RELATED METHODS ~71:GOODWIN, Paul J., 311 Rockwell Terrace, FREDERICK 21701, MD, USA, United States of America;LEFFEL, Staci, 87 Crosby Street, BRATTLEBORO 05301, VT, USA, United States of America;Meso Scale Technologies, LLC., 1601 Research Boulevard, ROCKVILLE 20850, MD, USA, United States of America;SEPPY, Joseph, 12009 Winesap Terrace North, POTOMAC 20878, MD, USA, United States of America;WOHLSTADTER, Jacob N., 8924 Bel Air Place, POTOMAC 20854, MD, USA, United States of America ~72: GOODWIN, Paul J.;LEFFEL, Staci;SEPPY, Joseph;WOHLSTADTER, Jacob N.~ 33:US ~31:63/156,837 ~32:04/03/2021

2023/08754 ~ Complete ~54:INTELLIGENT MONITORING METHOD AND SYSTEM FOR THE COMPUTER ROOM OPERATION AREA ~71:Information Communication Branch of China Southern Power Grid Energy Storage Co., Ltd., Room 1503, No.858 West Lianhua Avenue, Donghuan Street, Panyu District, Guangzhou City, Guangdong Province, 510000, People's Republic of China ~72: Guanghai SUN;Jianghua REN;Jianlu LI;Lin WANG;Xinxin LU;Zhenqian WANG;Zhu ZHU~

2023/08768 ~ Complete ~54:MOORING ARRANGEMENT FOR A TENSION LEG PLATFORM ~71:MARINE POWER SYSTEMS LIMITED, Unit 11, Clarion Court, Swansea Enterprise Park, Swansea, United Kingdom ~72: FOSTER, Graham;O'MALLEY, Alex~ 33:GB ~31:2104934.1 ~32:07/04/2021

2023/08762 ~ Complete ~54:DISTRIBUTION DEVICE FOR AN EXTRUDER ~71:BÜHLER AG, Gupfenstrasse 5, Switzerland ~72: KLEIN, Frieder;MEILE, David;MITCHELL, Robert;SATTLER, Silvan~ 33:EP ~31:21162581.9 ~32:15/03/2021

2023/08770 ~ Complete ~54:METHOD FOR FORMING A METAL CONTAINER WITH A CARRIER RING AND RESULTING CONTAINER ~71:BELVAC PRODUCTION MACHINERY, INC., 237 Graves Mill Road, Lynchburg, Virginia, 24502, United States of America ~72: CARLOS ANDRES MEJIA-QUINCHIA;ERIKA SHEAFFER LOVE~ 33:US ~31:63/167,405 ~32:29/03/2021

2023/08772 ~ Provisional ~54:DECENTRALIZED CONSENSUS-BASED PROOF-OF-WORK CCTV ANALYSIS & FAST REACTION SYSTEM - AIRGAP AND MASTER GOVERNANCE DATABASE ARCHITECTURE ~71:Michael Smorenburg, 11 Arcadia Steps, Clifton, South Africa ~72: Michael Smorenburg~ 33:ZA ~31:988481 ~32:22/07/2023

2023/08751 ~ Provisional ~54:JEWELLERY MANUFACTURING PROCESS ~71:OCEANSA (PTY) LTD., V A WATERFRONT S ARM RD SHOP G04 THE CLOCKTOWER, VICTORIA ALFRED WATERFRONT, South Africa ~72: DU PREEZ, EZRA MISONNE~

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2023/08781 ~ Complete ~54:GIS-BASED THREE-DIMENSIONAL MONITORING SYSTEM FOR PROJECT PROGRESS ~71:China Southern Power Grid Peak Shaving and Frequency Modulation Power Generation Co., Ltd, Room 208, No.100 of Dongxing Road, Donghuan Street, Panyu District, Guangzhou City, Guangdong Province, People's Republic of China;Engineering Construction Management Branch of China Southern Power Grid Peak Shaving and Frequency Modulation Power Generation Co., Ltd, Unit 01-06, 23rd Floor, Block C, Fengxing Plaza, No. 240 Tianhe Road, Tianhe District, Guangzhou, Guangdong, People's Republic of China ~72: Feng CAO;Gang ZHOU;Guangyong ZENG;Jianxu ZHONG;Jing LI;Jishuang HAN;Peng ZHANG;Tao LIU;Xiaolong YANG;Yueyang ZHENG;Yupeng ZHOU~ 33:CN ~31:2023100299864 ~32:10/01/2023

2023/08780 ~ Complete ~54:HUMAN SERUM ALBUMIN IN FORMULATIONS ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: KIM, Dorothy;MARLOW, Michael~ 33:US ~31:62/813,843 ~32:05/03/2019

2023/08784 ~ Complete ~54:TREATMENT METHOD FOR SHORTENING THE SETTLEMENT PERIOD OF WET COLLAPSIBLE LOESS ROADBED ~71:CCCC FIRST HIGHWAY ENGINEERING GROUP CO., LTD, Shitong Building A, Zhoujiajing, Guanzhuang, Chaoyang District, Beijing, 100024, People's Republic of China;THIRD ENGINEERING CO.,LTD OF CCCC FIRST HIGHWAY ENGINEERING GROUP, No.10 Jingsheng North Third Street, Jinqiao Science and Technology Industrial Base, Tongzhou Park, Zhongguancun Science and Technology Park, Tongzhou District, Beijing, 101102, People's Republic of China ~72: Chao ZHANG;Cun LI;Dedong FAN;Junwei WANG;Mingzhi CAO;Shengxiang LUO;Sixing CHEN;Wenbo ZHANG;Yi QIU;Ying LIU;Yongjie ZHAO;Yu QIN;Zhenguo LIU~

2023/08792 ~ Complete ~54:TRISPECIFIC ANTIBODY TARGETING BCMA, GPRC5D, AND CD3 ~71:Janssen Pharmaceutica NV, Turnhoutseweg 30, BEERSE 2340, BELGIUM, Belgium ~72: ATTAR, Ricardo Marcos;BRODEUR, Scott Ronald;GANESAN, Rajkumar;LUISTRO, Leopoldo;PHILIPPAR, Ulrike;PILLARISETTI, Kodandaram;SINGH, Sanjaya;YANG, Danlin Dan Qing~ 33:US ~31:63/149,921 ~32:16/02/2021

2023/08796 ~ Complete ~54:ADAPTIVE WELDING SEAM TRACKING METHOD ~71:PANOWA INTELLIGENT TECHNOLOGY CO., LTD., No.16, Beihuan Road Taicang Port Economic Development Zone, Taicang Suzhou, Jiangsu, 215400, People's Republic of China ~72: YAJUAN JIN~ 33:CN ~31:202110460921.6 ~32:27/04/2021

2023/08801 ~ Complete ~54:INHIBITING UBIQUITIN-SPECIFIC PROTEASE 1 (USP1) ~71:FORMA THERAPEUTICS, INC., 300 North Beacon Street, Suite 501, Watertown, Massachusetts 02472, United States of America ~72: ALEXANDRE JOSEPH BUCKMELTER;LOREN BERRY~ 33:US ~31:63/171,796 ~32:07/04/2021

2023/08791 ~ Complete ~54:A RECYCLABLE PAPER-BASED LAMINATE AND A BEVERAGE CARTON MADE THEREFROM ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: VISHTAL, Alexey;ZIMMER, Johannes~ 33:EP ~31:21158344.8 ~32:22/02/2021

2023/08785 ~ Complete ~54:SEALING DEVICE FOR OXY-FUEL CALCINATION ROTARY KILN ~71:CBMI CONSTRUCTION CO., LTD., No. 7 Xingfu Road, Fengrun District, Tangshan City, People's Republic of China ~72: CAO, Xinming;DENG, Yuhua;SUN, Xuecheng;TAO, Ying;WANG, Bin;WANG, Qiang;YI, Dengwei;ZHANG, Chao;ZHANG, Haiping;ZHENG, Xianming~ 33:CN ~31:2023101008438 ~32:12/02/2023

2023/08803 ~ Complete ~54:IDENTIFICATION OF CLONAL NEOANTIGENS AND USES THEREOF ~71:ACHILLES THERAPEUTICS UK LIMITED, 245 Hammersmith Road, London, United Kingdom ~72: ROTH, Andrew;SALM-HORSTMAR, Maximilian Prinz Zu~ 33:GB ~31:2104715.4 ~32:01/04/2021

2023/08777 ~ Provisional ~54:ROCK ORE PASS REHABILITATION AND THE PREVENTION OF ROCK ORE PASS SCALING ~71:DE BEER, Frederick Stephanus, Plot J 149, Waterkloof, RUSTENBURG 0300, SOUTH AFRICA, South Africa ~72: DE BEER, Frederick Stephanus~

2023/08783 ~ Complete ~54:A SETTLEMENT MONITORING DEVICE AND MONITORING METHOD FOR TUNNEL UNDER-CROSSING EXISTING GROUND OBJECTS ~71:CCCC FIRST HIGHWAY ENGINEERING GROUP CO., LTD, Shitong Building A, Zhoujiajing, Guanzhuang, Chaoyang District, Beijing, 100024, People's Republic of China;THIRD ENGINEERING CO.,LTD OF CCCC FIRST HIGHWAY ENGINEERING GROUP, No. 10 Jingsheng North Third Street, Jinqiao Science and Technology Industrial Base, Tongzhou Park, Zhongguancun Science and Technology Park, Tongzhou District, Beijing, 101102, People's Republic of China ~72: Chao ZHANG;Huan SONG;Junwei WANG;Kaikai SHI;Sixing CHEN;Tao ZHANG;Wenbo ZHANG;Yi QIU;Ying LIU;Yongjie ZHAO;Yu QIN;Zhenguo LIU~

2023/08786 ~ Complete ~54:METHOD FOR IDENTIFYING STOLEN VEHICLES ~71:AGOSTINHO, David, 164 rue des Cols Verts, France;MARGUERAY, Cyril, 463 Chemin de la Rouvière, France ~72: AGOSTINHO, David;MARGUERAY, Cyril~ 33:FR ~31:FR2102463 ~32:12/03/2021

2023/08790 ~ Complete ~54:A RECYCLABLE PAPER-BASED LAMINATE AND A BEVERAGE CARTON MADE THEREFROM ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: VISHTAL, Alexey;ZIMMER, Johannes~ 33:EP ~31:21158354.7 ~32:22/02/2021

2023/08793 ~ Complete ~54:SYSTEMS AND METHODS FOR EFFICIENT CRUISE AND HOVER IN VTOL ~71:California Institute of Technology, 1200 E. California Boulevard, MIC 6-32, PASADENA 91125, CA, USA, United States of America;TooFon, Inc., 943 S. Raymond Avenue, PASADENA 91105, CA, USA, United States of America ~72: GHARIB, Morteza;OL, Michael V.~ 33:US ~31:63/162,410 ~32:17/03/2021

2023/08805 ~ Provisional ~54:CARE RUNNERS ~71:Netshidzati Mashudu Lucky, 155 Mooikloof Ridge, Estate, South Africa ~72: Netshidzati Mashudu Lucky~

2023/08798 ~ Complete ~54:TUMOR NEOANTIGENIC PEPTIDES AND USES THEREOF ~71:INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE), 101 rue de Tolbiac, 75013, Paris, France;INSTITUT CURIE, 26 rue d'Ulm, 75005, Paris, France;MNEMO THERAPEUTICS, 101 boulevard Murat, 75016, Paris, France ~72: ALEXANDRE HOUY;ANTONELA MERLOTTI IPPOLITO;BENJAMIN SADACCA;CHRISTEL GOUDOT;JOSHUA WATERFALL;MARC-HENRI STERN;MARIANNE BURBAGE;SEBASTIAN AMIGORENA;YAGO ARRIBAS DE SANDOVAL~ 33:EP ~31:21305302.8 ~32:11/03/2021;33:EP ~31:22305239.0 ~32:02/03/2022

2023/08802 ~ Complete ~54:SCREW CONVEYOR ~71:CARMINE ELIA, 74/C Via Dante Alighieri Pomezia, 00071, Rome, Italy ~72: CARMINE ELIA~ 33:IT ~31:102021000003944 ~32:19/02/2021

2023/08778 ~ Provisional ~54:A VEHICLE CONTROL SYSTEM AND METHOD ~71:Baso Auto Electrical Trading (Pty) Ltd., Plot 8A Kraalhoek, Rustenburg 0300, North West Province, SOUTH AFRICA, South Africa ~72: SEAPI, Moeketsi Isaac~

2023/08788 ~ Complete ~54:AUTOMATIC DOUBLE-LINKAGE WELDING MACHINE ~71:SHANDONG FANGDA ENGINEERING CO., LTD, No.133, Zikuang Road, Zichuan District,, Zibo, Shandong, 255150, People's Republic of China ~72: HUANG, Hongyuan;KANG, Hongqin;LI, Gang;LI, Jie;LIU, Xiaoxuan;QIAO, Guoliang;SI, Niandong;TAN, Tingqiang;TIAN, Hu;WANG, Gang;XING, Dexi;YAN, Wei;ZHANG, Hui~ 33:CN ~31:202211181229.0 ~32:27/09/2022

2023/08794 ~ Complete ~54:NEGATIVE PRESSURE WOUND THERAPY DEVICES ~71:T.J.Smith and Nephew, Limited, PO Box 81, 101 Hessle Road, HULL HU3 2BN, UNITED KINGDOM, United Kingdom ~72: ASKEM, Ben Alan;DAVIES, William;ELDER, David Michael;GLENCROSS, James Cunningham;JOHNSON, Danielle Susan;MADRIZ, Camilo Patrick;MAGGIORE, Andrea;MCLUSKY, James Donald;WEBB, Christopher John;WEEDON, Hannah Bailey~ 33:GB ~31:2104021.7 ~32:23/03/2021;33:GB ~31:2116401.7 ~32:15/11/2021

2023/08800 ~ Complete ~54:USE OF A CATIONIC POLYMER FOR REINFECTION PREVENTION ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: AJAY SINGH NEGI;BHARATH PALANISAMY;JASMEET KAUR KHOKHAR;SANDIP BHANUDAS PATHAK;SAYANDIP MUKHERJEE;VIDULA IYER~ 33:IN ~31:202121018489 ~32:21/04/2021;33:EP ~31:21178796.5 ~32:10/06/2021

2023/08804 ~ Complete ~54:ENGINEERED CHIMERIC FUSION PROTEIN COMPOSITIONS AND METHODS OF USE THEREOF ~71:MYELOID THERAPEUTICS, INC., 300 Technology Square, Suite 203, United States of America ~72: GETTS, Daniel;WANG, Yuxiao~ 33:US ~31:63/162,352 ~32:17/03/2021;33:US ~31:63/172,922 ~32:09/04/2021;33:US ~31:63/243,947 ~32:14/09/2021;33:US ~31:63/255,540 ~32:14/10/2021

2023/08775 ~ Provisional ~54:SPRAY BOTTLE SUCTION STRAW DEVICE ~71:Susan Pretorius, 1035 Fish Eagle Street, South Africa ~72: Susan Pretorius~

2023/08779 ~ Provisional ~54:LOCKING DEVICE ~71:TITAN SECURE (PTY) LTD, 3 Erasmus Street, Plot 107, Mnandi AH, South Africa ~72: BESTER, Devon Daniel;KRIGE, Pieter Retief~

2023/08782 ~ Complete ~54:USING METHOD OF INTELLIGENT ANGIOGRAPHY MACHINE SYSTEM ~71:THE AFFILIATED HOSPITAL OF GUIZHOU MEDICAL UNIVERSITY, No. 28, Guiyi Street, Yunyan District, Guiyang City, Guizhou Province, 550001, People's Republic of China ~72: CHU, Liangzhao;CUI, Junshuan;HU, Yucheng;LIU, Chengyun;LIU, Junchi;LIU, Xianqi;MING, Jiang;SONG, Jiaquan;XIANG, Xin;XIONG, Mingsong;XU, Kaya;XU, Yuan;YAN, Zhangwei;YANG, Hua;ZENG, Xi~ 33:CN ~31:202310453083.9 ~32:25/04/2023

2023/08774 ~ Provisional ~54:TENSIONER ~71:Nico Micahael Makkink and Ettienne Pierre Makkink, 658 24th Avenue, South Africa ~72: Ettienne Pierre Makkink~

2023/08787 ~ Complete ~54:PAYMENT CARD, AUTHENTICATION METHOD AND USE FOR A REMOTE PAYMENT ~71:CCS12, Batiment A3 - 3ème étage, 6 Allée Turcat Mery, France ~72: ABISDID, Marlène;SMADJA, William~ 33:FR ~31:FR2101800 ~32:24/02/2021

2023/08789 ~ Complete ~54:A RECYCLABLE CARDBOARD PACKAGING MATERIAL COMPRISING A METALLIZED BARRIER LAYER APPLIED BY TRANSFER METALLIZATION ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: VISHTAL, Alexey;ZIMMER, Johannes~ 33:EP ~31:21158356.2 ~32:22/02/2021

2023/08795 ~ Complete ~54:PRO DRUGS OF PDE10 COMPOUNDS ~71:Merck Sharp & Dohme LLC, 126 East Lincoln Avenue, RAHWAY 07065, NJ, USA, United States of America ~72: MITTAL, Sachin;RAHEEM, Izzat T.;SKUDLAREK, Jason W.~ 33:US ~31:63/162,333 ~32:17/03/2021

2023/08797 ~ Complete ~54:TRANSMEMBRANE NEOANTIGENIC PEPTIDES ~71:INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE), 101 rue de Tolbiac, 75013, Paris, France;INSTITUT CURIE, 26 rue d'Ulm, 75005, Paris, France;MNEMO THERAPEUTICS, 101 boulevard Murat, 75016, Paris, France ~72: ALEXANDRE HOUY;ANTONELA MERLOTTI IPPOLITO;BENJAMIN SADACCA;CHRISTEL GOUDOT;JOSHUA WATERFALL;MARC-HENRI STERN;MARIANNE BURBAGE;SEBASTIAN AMIGORENA;SILVIA LOPEZ LASTRA;YAGO ARRIBAS DE SANDOVAL~ 33:EP ~31:21305296.2 ~32:11/03/2021;33:EP ~31:22305236.6 ~32:02/03/2022

2023/08799 ~ Complete ~54:TUMOR NEOANTIGENIC PEPTIDES ~71:INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE), 101 rue de Tolbiac, 75013, Paris, France;INSTITUT CURIE, 26 rue d'Ulm, 75005, Paris, France;MNEMO THERAPEUTICS, 101 boulevard Murat, 75016, Paris, France ~72: ALEXANDRE HOUY;ANTONELA MERLOTTI IPPOLITO;BENJAMIN SADACCA;CHRISTEL GOUDOT;JOSHUA WATERFALL;MARC-HENRI STERN;MARIANNE BURBAGE;SEBASTIAN AMIGORENA;YAGO ARRIBAS DE SANDOVAL~ 33:EP ~31:21305299.6 ~32:11/03/2021;33:EP ~31:22305237.4 ~32:02/03/2022

2023/08776 ~ Provisional ~54:TAKEDOWN BARREL ~71:DU PLOOY, Frederik, Wilhelm, 30 JACOBSZ STREET, ERMELO, 2351, South Africa ~72: DU PLOOY, Frederik, Wilhelm~

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2023/08840 ~ Complete ~54:FUEL CELL SYSTEM ~71:CERES INTELLECTUAL PROPERTY COMPANY LIMITED, Viking House, Foundry Lane, Horsham, United Kingdom ~72: BARARI, Farzad;HARMAN, Jonathan David;MCLORN, Michael James;MCNICOL, Alexander;MICUCCI, Stefano;PILLAI, Anupama;POSTLETHWAITE, Oliver~ 33:GB ~31:2102985.5 ~32:03/03/2021

2023/08812 ~ Complete ~54:A CONNECTING MEMBER FOR A LATTICE GIRDER ~71:SPECIALISED PRECAST ELEMENTS CC, 11 BLESBOK STREET, KOEDOESPOORT INDUSTRIAL SITES, PRETORIA, 0186, South Africa ~72: VAN ROOYEN, Paul, Möller~ 33:ZA ~31:2022/12728 ~32:23/11/2022

2023/08814 ~ Complete ~54:MULTIPLE POSITION ROASTING GRILL ~71:JOHANNES DU PLESSIS, 3 PARI WAY, WALMER, South Africa ~72: JOHANNES DU PLESSIS~ 33:ZA ~31:2023/00937 ~32:23/01/2023

2023/08826 ~ Complete ~54:TREPANNING DEVICE FOR ROAD CONSTRUCTION BLASTING ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: DONGBING LIU~ 33:CN ~31:2023107155341 ~32:16/06/2023

2023/08832 ~ Complete ~54:AIRPORT LIGHTING SIMULATION ANALYSIS METHOD ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: YINZHAN BAI~ 33:CN ~31:2022109829433 ~32:16/08/2022

2023/08818 ~ Complete ~54:METHODS FOR PREDICTING AND MODULATING GLYCATION OF A PROTEIN ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: GRAHAM, Kenneth;KAMEN, Douglas;QIU, Haibo;XU, Xiaobin;YANG, Teng-Chieh~ 33:US ~31:63/170,330 ~32:02/04/2021

2023/08831 ~ Complete ~54:GLASS CURTAIN WALL ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9,Chunxiu Road, Dongcheng District, Beijing, 100027, People's Republic of China ~72: BO SU~ 33:CN ~31:2022114353592 ~32:16/11/2022

2023/08836 ~ Complete ~54:FACTOR XIIA INHIBITORS ~71:KalVista Pharmaceuticals Limited, Porton Science Park, Bybrook Road, Porton Down, SALISBURY SP4 0BF, WILTSHIRE, UNITED KINGDOM, United Kingdom ~72: CLARK, David Edward;DAVIE, Rebecca Louise;EDWARDS, Hannah Joy;FROMONT, Christophe;GREVES, William Jack;MARSH, Sally Louise;NORTH, Carl Leslie;OBARA, Alicja Stela;PEAT, Jake Simon;PETHEN, Stephen John;ROOKER, David Philip~ 33:GB ~31:2102384.1 ~32:19/02/2021;33:US ~31:63/151,178 ~32:19/02/2021;33:GB ~31:2104788.1 ~32:01/04/2021;33:US ~31:63/169,607 ~32:01/04/2021;33:GB ~31:2106284.9 ~32:30/04/2021;33:US ~31:63/182,283 ~32:30/04/2021

2023/08808 ~ Complete ~54:RAPID REPAIR AND REINFORCEMENT TREATMENT PROCESS OF HIGHWAY STRUCTURE LAYER BY GROUTING ~71:Cangzhou Yudao Construction Engineering Co., Ltd, Room 501, Unit 2, Building 4, Yijuyuan Community, Yanshan County, Cangzhou City, Hebei Province, People's Republic of China ~72: CHEN Lin;CHEN Wei;CUI Ye;FENG Zhirui;GUO Wei;HAN Ronggao;HE Zhengfeng;LIU Jian;LIU Yunfei;NIU Nan;SHI Xiaojian;WANG Gang;WANG Qi;XIE Haifeng;XIE Xihui;XU Yanhui;XUE Yuping;YANG Yang;ZHANG Fengchao;ZHANG Xuan~

2023/08811 ~ Complete ~54:THERAPEUTIC EQUIPMENT FOR LIMB REHABILITATION ~71:ZHENGZHOU UNIVERSITY OF INDUSTRIAL TECHNOLOGY, XINZHENG HIGH-TECH DEVELOPMENT ZONE, People's Republic of China ~72: BAI, Xin;DU, Zixuan;GUO, Jingyao;HAMULATI, Haimeiyan;HU, Jing;JIA, Wanying;LI, Ruiqi;LI, Sha;LIU, Yuwan;MIAN, Jinyi;PAN, Ting;XIE, Pingyan;YAN, Xiaoyu;ZHAO, Jinlong;ZHAO, Runze~

2023/08824 ~ Complete ~54:BRIDGE MOUNTING AND POSITIONING METHOD ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9,Chunxiu Road, Dongcheng District, Beijing, 100027, People's Republic of China ~72: JIA LI~ 33:CN ~31:2023103274892 ~32:30/03/2023

2023/08828 ~ Complete ~54:CONCRETE POURING DEVICE ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9,Chunxiu Road, Dongcheng District, Beijing, 100027, People's Republic of China ~72: ZHUANG SUN~ 33:CN ~31:2023104472886 ~32:24/04/2023

2023/08835 ~ Complete ~54:DISSOLUTION METHOD ~71:FUTAMURA CHEMICAL UK LTD, Station Road, United Kingdom ~72: COCKROFT, Martin Richard;FISHER, Luke~ 33:GB ~31:2104273.4 ~32:26/03/2021

2023/08838 ~ Complete ~54:COMBINATION TREATMENTS FOR MELANOMA ~71:AstraZeneca AB, SÖDERTÄLJE SE-151-85, SWEDEN, Sweden ~72: DEAN, Emma Jane;LEE, Jeeyun;SMITH, Simon Andrew~ 33:US ~31:63/166,295 ~32:26/03/2021;33:US ~31:63/208,728 ~32:09/06/2021

2023/08806 ~ Provisional ~54:ROCK BOLT ~71:MSP MINE SUPPORT PRODUCTS (PTY) LTD, 108 Houtkop Road, South Africa ~72: NISSEN, Christian Engelstoft~

2023/08810 ~ Complete ~54:A FIBER OPTIC CONNECTION BOX ~71:ZHENGZHOU RAILWAY VOCATIONAL & TECHNICAL COLLEGE, No. 56 Pengcheng Avenue, Zhengdong New District, Zhengzhou, People's Republic of China ~72: Dong Xinyu;Guo Xiaojing;Lin Tao;Zhao Yan;Zhu Jin~

2023/08817 ~ Complete ~54:HUMAN ANTIBODIES TO ARTEMIN AND METHODS OF USE THEREOF ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: CROLL, Susan D.;MACDONALD, Lynn;MURPHY, Andrew J.~ 33:US ~31:63/177,369 ~32:20/04/2021

2023/08822 ~ Complete ~54:SIDE SPAN CLOSING DEVICE OF CONTINUOUS BEAM ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: JUNBIAO HE~ 33:CN ~31:2023105468125 ~32:16/05/2023

2023/08830 ~ Complete ~54:FLEXIBLE CLOSED SLIDING AND GUIDING DEVICE FOR BRIDGE SIDE SPAN CLOSURE ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9,Chunxiu Road, Dongcheng District, Beijing, 100027, People's Republic of China ~72: JUNBIAO HE~ 33:CN ~31:2023107016739 ~32:14/06/2023

2023/08837 ~ Complete ~54:METHOD AND KITS FOR MULTIPLEXED FLUORESCENT MICROSCOPY ~71:Micrographia Bio Limited, Dawes Road Hub, 20 Dawes Road, LONDON SW6 7EN, UNITED KINGDOM, United Kingdom ~72: ADJALLEY, Sophie;THOMPSON, Christopher C.~ 33:GB ~31:2102391.6 ~32:19/02/2021

2023/08807 ~ Provisional ~54:METHODS OF VALORISING CASHEW NUT SHELL LIQUID (CNSL) AND/OR A COMPONENT THEREOF ~71:UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG, 1 Jan Smuts Avenue, Johannesburg, 2050, South Africa ~72: ABDULLAH ELY;ANNESA GANI;CHARLES B DE KONING;CONNOR STOCKLEY;DYLAN KAIRUZ;KENNEDY NGWIRA;KRISTIE BLOOM;PATRICK ARBUTHNOT;ROBIN KLINTWORTH;SONGEZIWE NTSIMANGO~

2023/08815 ~ Complete ~54:PROCESS FOR ASSEMBLING AND WELDING CHIP COMPONENTS ~71:Guangdong South Hongming Electronic Science and Technology Co., Ltd., Newton Industrial Park, Wangniudun Town, Dongguan City,Guangdong Province, 523215, People's Republic of China ~72: He Qiang;Liu Hengwu;Luo Shiyong;Luo Zhicheng;Yang Kangqiang;Zhao Junbin~ 33:CN ~31:202211147906.7 ~32:21/09/2022

2023/08819 ~ Complete ~54:WIRELESS INITIATING ARRANGEMENT ~71:DETNET SOUTH AFRICAN (PTY) LTD, AECI Place, The Woodlands, Woodlands Drive, Woodmead, South Africa ~72: LIEBENBERG, Abraham Johannes;MULLER, Elmar Lennox~ 33:ZA ~31:2021/06163 ~32:24/08/2021

2023/08825 ~ Complete ~54:COFFERDAM-FREE HYDRAULIC-FILL CONSTRUCTION METHOD FOR ARTIFICIAL ISLAND ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9,Chunxiu Road, Dongcheng District, Beijing, 100027, People's Republic of China ~72: LEI ZHANG~ 33:CN ~31:2022116185394 ~32:15/12/2022

2023/08827 ~ Complete ~54:FOUNDATION PIT SUPPORTING AND ANCHORING DEVICE ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: JIAYAN YANG~ 33:CN ~31:2023105149632 ~32:09/05/2023

2023/08829 ~ Complete ~54:HIGH-FORMWORK MONITORING SYSTEM AND METHOD ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9,Chunxiu Road, Dongcheng District, Beijing, 100027, People's Republic of China ~72: JIAYAN YANG~ 33:CN ~31:2023104051711 ~32:17/04/2023

2023/08833 ~ Complete ~54:TRANSPORTATION METHOD OF BRIDGE ERECTING MACHINE ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: HOULIANG JIANG~ 33:CN ~31:2023106868515 ~32:09/06/2023

2023/08809 ~ Complete ~54:METHOD FOR REDESIGNING HIGH-ORDER TRANSMISSION ERROR TOOTH SURFACE OF SPIRAL BEVEL GEARS ~71:Fuzhou University, Fuzhou University, No.2 Wulongjiangbei Avenue, Fuzhou University Town, Minhou County, Fuzhou City, Fujian Province, 350108, People's Republic of China ~72: JIA Chao;LV Yuntao;YAO Ligang;ZHAO Botao~

2023/08816 ~ Complete ~54:SYSTEMS AND METHODS FOR PROVIDING FIELD VIEWS INCLUDING ENHANCED AGRICULTURAL MAPS HAVING A DATA LAYER AND IMAGE DATA ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: KNUFFMAN, Ryan;STOLLER, Jason~ 33:US ~31:63/197,634 ~32:07/06/2021;33:US ~31:63/269,693 ~32:21/03/2022

2023/08823 ~ Complete ~54:GANTRY CRANE ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9,Chunxiu Road, Dongcheng District, Beijing, 100027, People's Republic of China ~72: ZHIYUAN YANG~ 33:CN ~31:2023106608594 ~32:06/06/2023

2023/08834 ~ Complete ~54:STEEL STRUCTURE PAINT SPRAYING DEVICE ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9,Chunxiu Road, Dongcheng District, Beijing, 100027, People's Republic of China ~72: GUANGSHENG WANG~ 33:CN ~31:2022114750741 ~32:23/11/2022

2023/08839 ~ Complete ~54:DETERMINING UNCERTAINTY OF AGRONOMIC PREDICTIONS ~71:Climate LLC, 201 Third Street, Suite 1050, SAN FRANCISCO 94103, CA, USA, United States of America ~72: CATALA LUQUE, Rosa Maria;HOLT, Jennifer;JOHANNESSON, Gardar;LAW, Timothy Tao Hin;VARENNES, Julien;WIERMAN, Kevin~ 33:US ~31:63/163,652 ~32:19/03/2021

2023/08813 ~ Complete ~54:ELECTRONIC LIQUID LEVEL SENSING UNIT ~71:EDUAN-TEK VERVAARDIGINGS BK, 12 Arend Avenue, Windsor Glen, South Africa ~72: JOHANNES JACOBUS NAUDE~ 33:ZA ~31:2022/06905 ~32:22/06/2022

2023/08820 ~ Complete ~54:WIRELESS DETONATOR ARRANGEMENT ~71:DETNET SOUTH AFRICA (PTY) LTD, AECI Place, The Woodlands, Woodlands Drive, Woodmead, South Africa ~72: LIEBENBERG, Abraham Johannes;MULLER, Elmar Lennox~ 33:ZA ~31:2021/06078 ~32:24/08/2021

2023/08821 ~ Complete ~54:CONSTRUCTION METHOD FOR OVERWATER PILE SINKING BASED ON MOBILE PILE DRIVING PLATFORM ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: YINZHAN BAI~ 33:CN ~31:2023106490978 ~32:02/06/2023

. - APPLIED ON 2023/09/19 -

2023/08873 ~ Complete ~54:GENE THERAPY COMPOSITION AND TREATMENT OF RIGHT VENTRICULAR ARRHYTHMOGENIC CARDIOMYOPATHY ~71:UCL BUSINESS LTD, 97 Tottenham Court Road, The Network Building, London, W1T 4 TP, United Kingdom ~72: JULIE DUMONCEAUX;PERRY ELLIOTT;THOMAS VOIT;VIRGINIE MARIOT~ 33:US ~31:63/163,393 ~32:19/03/2021

2023/08877 ~ Complete ~54:CONFORMATIONAL CONSTRAINED SOMATOSTATIN RECEPTOR 3 PEPTIDE LIGANDS AND THEIR CONJUGATES AND USES THEREOF ~71:STARGET PHARMA LTD., 26 Snir Street, Israel ~72: AFARGAN, Michel;BLUM, Eliav;SALITRA, Yoseph~ 33:US ~31:63/156,374 ~32:04/03/2021

2023/08867 ~ Complete ~54:COLLECTING DEVICE, KIT, MANUFACTURING PROCESS, SAMPLING METHODS AND USE ~71:BERNARD-MARIE CHAFFRINGEON, Str. Ion Angelescu nr. 24A, 110354 Pitesti, Romania ~72: BERNARD-MARIE CHAFFRINGEON~

2023/08869 ~ Complete ~54:REFUELING NOZZLE ~71:TATSUNO CORPORATION, 2-6, Mita 3-chome, Minato-ku, Tokyo, 1080073, Japan ~72: JIANYONG XIA;RYOHEI KANEKO~ 33:JP ~31:2021-093989 ~32:04/06/2021

2023/08871 ~ Complete ~54:HUNTINGTIN (HTT) IRNA AGENT COMPOSITIONS AND METHODS OF USE THEREOF ~71:ALNYLAM PHARMACEUTICALS, INC., 675 West Kendall Street, Henri A. Termeer Square, Cambridge, Massachusetts, 02142, United States of America ~72: ADAM CASTORENO;JAMES D MCININCH;MANGALA MEENAKSHI SOUNDARAPANDIAN;MARK K SCHLEGEL~ 33:US ~31:63/167,140 ~32:29/03/2021

2023/08842 ~ Provisional ~54:WASTE BIN CHAIR MOUNT ~71:JOHANNES RAMARIFI MAHLAOLA, 5523 MOKONE BLOCK, STINKWATER, South Africa;JOHANNES RAMARIFI MAHLAOLA, 5523 MOKONE BLOCK, STINKWATER, South Africa ~72: JOHANNES RAMARIFI MAHLAOLA~

2023/08846 ~ Complete ~54:CX3CR1-BINDING POLYPEPTIDES ~71:ABLYNX N.V., Technologiepark 21, Belgium ~72: DEPLA, Erik.;LAEREMANS, Toon;SINGH, Sanjaya;VAN HOORICK, Diane;VERVERKEN, Cedric, Jozef, Néotère;WATERMAN, Alisa, K.~ 33:US ~31:61/603,622 ~32:27/02/2012

2023/08849 ~ Complete ~54:METHOD FOR PREPARING MODIFIED LAYERED ELECTROMAGNETIC SHIELDING FABRIC ~71:Anhui Polytechnic University, No. 8 Beijing Middle Road, Wuhu City, Anhui Province, People's Republic of China ~72: LIU Li;WANG Hongjie;XU Zhenzhen;YANG Junli;YAO Ming;ZOU Lihua;ZUO Hongmei~

2023/08851 ~ Complete ~54:DESIGN METHOD OF SINGLE-STAGE SPIRAL BEVEL GEAR BASED ON VOLUME OPTIMIZATION ~71:Fuzhou University, Fuzhou University, No.2 Wulongjiangbei Avenue, Fuzhou University Town, Minhou County, Fuzhou City, Fujian Province, 350108, People's Republic of China ~72: DING Jiaxin;HUANG Sijie;JIA Chao;SU Haocheng;YAO Ligang;ZHANG Biaowei~

2023/08845 ~ Complete ~54:CX3CR1-BINDING POLYPEPTIDES ~71:ABLYNX N.V., Technologiepark 21, Belgium ~72: DEPLA, Erik.;LAEREMANS, Toon;SINGH, Sanjaya;VAN HOORICK, Diane;VERVERKEN, Cedric, Jozef, Néotère;WATERMAN, Alisa, K.~ 33:US ~31:61/603,622 ~32:27/02/2012

2023/08848 ~ Complete ~54:AIRBAG STRUCTURE FOR PREVENTING TUNNEL IRRIGATION AND COLLAPSE AND USE METHOD THEREOF ~71:CHINA CONSTRUCTION SECOND ENGINEERING BUREAU LTD., 251 Beiyangwa, Liyuan Town, Tongzhou District, Beijing, People's Republic of China;THE CIVIL ENGINEERING GROUP CORPORATION OF CHINA SECOND ENGINEERING BUREAU. LTD, 1-3/F, No. 21 Liyuan North Street, Tongzhou District, Beijing, People's Republic of China ~72: HU Xiaochuan;YAO Zaifeng~ 33:CN ~31:CN202211546656.4 ~32:05/12/2022

2023/08868 ~ Complete ~54:SYSTEM AND METHOD FOR COOLING A FREQUENCY INVERTER ~71:WEG DRIVES & CONTROLS AUTOMAÇÃO LTDA., Av. Prefeito Waldemar Grubba, N° 3300, 1 andar, Jaraguá do Sul, Santa Catarina, 89256-900, Brazil ~72: ADALBERTO JOSÉ ROSSA;ANAND PLACIDO ALMEIDA;CARLOS AFONSO HUMMELGEN;ITAMAR FERNANDES SOARES~

2023/08872 ~ Complete ~54:VACCINE COMPOSITIONS AND METHODS OF USE THEREOF ~71:EXCEPGEN INC., 780 Bryant Street, San Francisco, California 94107, United States of America ~72: BARBARA MERTINS;IMRE MÄGER;THOMAS FOLLIARD~ 33:US ~31:63/162,496 ~32:17/03/2021

2023/08919 ~ Provisional ~54:WATER LEVEL ~71:SMIT: Dirk van Zyl, Plot 37, 7 Mountain Drive,Derde poort,, South Africa;SMIT: Hendrik van Zyl, 98 Selrose Park, 5 Griffith Avenue, Equestria, Pretoria,, South Africa ~72: SMIT: Dirk van Zyl;SMIT: Hendrik Van Zyl~

2023/08863 ~ Complete ~54:FRAGRANCE COMPOSITION ~71:Givaudan SA, Chemin de la Parfumerie 5, VERNIER 1214, SWITZERLAND, Switzerland ~72: KRALKA, Anne-Cécile;NATSCH, Andreas;WATKINS, Stephen David~ 33:GB ~31:2104969.7 ~32:08/04/2021

2023/08843 ~ Provisional ~54:PHOTO SELECTIVE LIGHT BARRIER FILM ARRANGEMENT ~71:SUPERIOR SPECIAL PROJECTS (PTY) LTD, 24/28 Old Mill Road, South Africa ~72: Mark Thomas Gerald WILLIAMS~

2023/08847 ~ Complete ~54:CX3CR1-BINDING POLYPEPTIDES ~71:ABLYNX N.V., Technologiepark 21, Belgium ~72: DEPLA, Erik.;LAEREMANS, Toon;SINGH, Sanjaya;VAN HOORICK, Diane;VERVERKEN, Cedric, Jozef, Néotère;WATERMAN, Alisa, K.~ 33:US ~31:61/603,622 ~32:27/02/2012

2023/08852 ~ Complete ~54:A METHOD FOR PREDICTING AND PREVENTING STRAIN-TYPE ROCKBURSTS IN DEEP HARD-ROCK CAVERNS ~71:University of Science and Technology Beijing, No. 30 Xueyuan Road, Haidian District, Beijing, 100083, People's Republic of China ~72: Fenhua REN;Meifeng CAI;Peng LI;Shengjun MIAO;Yu WANG;Zhengjun HUANG~

2023/08856 ~ Complete ~54:APPARATUS FOR STABILIZATION OF AN INSTRUMENTATION PLATFORM ~71:Vale S.A., Praia de Botafogo, nº 186, sala 1901, Botafogo, RIO DE JANEIRO 22.250-145, BRAZIL, Brazil ~72: BAILEY, Richard Curtis;POLZER, Benjamim David~ 33:CA ~31:3175615 ~32:20/09/2022

2023/08859 ~ Complete ~54:A SELF-ALIGNED SPLIT HOPKINSON PRESSURE BAR SYSTEM ACCOMMODATING VARIABLE-DIAMETER ROCK BARS ~71:TIANJIN UNIVERSITY, 92 Weijin Rd, Nankai District, People's Republic of China ~72: CHEN, Rong;WU, Bangbiao;XIA, Kaiwen;XU, Ying~

2023/08864 ~ Complete ~54:TRIAZINE DERIVATIVES AND THEIR USE IN THE TREATMENT OF CANCER. ~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72: BOUCHE, Lea Aurelie;GUBA, Wolfgang;JAESCHKE, Georg;MESCH, Stefanie Katharina;PATINY-ADAM, Angélique;SCHNIDER, Christian;STEINER, Sandra;TOSSTORFF, Andreas Michael~ 33:EP ~31:21177660.4 ~32:04/06/2021;33:EP ~31:21188639.5 ~32:30/07/2021;33:EP ~31:21215875.2 ~32:20/12/2021

2023/08875 ~ Complete ~54:SYSTEMS AND METHODS FOR PROTEIN EXPRESSION ~71:EXCEPGEN INC., 780 Bryant Street, San Francisco, California 94107, United States of America ~72: BARBARA MERTINS;IMRE MÄGER;THOMAS FOLLIARD~ 33:US ~31:63/160,672 ~32:12/03/2021

2023/08850 ~ Complete ~54:DISPLAY DEVICE FOR PUBLICIZING EDUCATIONAL KNOWLEDGE ~71:Hebei Chemical & Pharmaceutical College, 88 Fangxing Road, Shijiazhuang City, Hebei Province, People's Republic of China ~72: WANG Pengyan~

2023/08853 ~ Complete ~54:ELECTRIC APPLIANCE SAFETY SWITCH ~71:DAWID FRANCOIS JANSEN VAN RENSBURG, 519 Kuifkop Avenue, Garsfontein X15, South Africa ~72: DAWID FRANCOIS JANSEN VAN RENSBURG~ 33:ZA ~31:2022/10655 ~32:27/09/2022

2023/08855 ~ Complete ~54:SPRAY-COOLING THERMAL MANAGEMENT SYSTEM FOR BATTERY WRAPPED IN V-SHAPED FIN ~71:Harbin Engineering University, No. 145 Nantong Street, Nangang District, Harbin City, Heilongjiang, 150001, People's Republic of China ~72: CHEN, Chao;FAN, Liyun;JIANG, Zejun;WU, Xiaojun;YANG, Changzhu;ZHANG, Jianyu;ZHANG, Jin~

2023/08865 ~ Complete ~54:SUCCINATE DEHYDROGENASE INHIBITORS FOR BREAKING DORMANCY ~71:Valent BioSciences LLC, 1910 Innovation Way, Suite 100, LIBERTYVILLE 60048, IL, USA, United States of America ~72: SILVERMAN, Franklin Paul;WILSON, Dale O.~ 33:US ~31:63/167,757 ~32:30/03/2021

2023/08870 ~ Complete ~54:CYCLOPROPANE ANALOGUES OF N-(TRANS-4-HYDROXYCYCLOHEXYL)-6-PHENYLHEXANAMIDE AND RELATED COMPOUNDS ~71:MITOCHONDRIA EMOTION, INC., 1 Kendall Sq, B200 001, Cambridge, Massachusetts, 02139-1562, United States of America ~72: GERALD W DORN~ 33:US ~31:63/163,392 ~32:19/03/2021

2023/08874 ~ Complete ~54:ARENAVIRUSES USED IN TREATMENTS OF PROSTATE CANCER ~71:HOOKIPA BIOTECH GMBH, Helmut-Qualtinger-Gasse 2, 1030 Wien, Austria ~72: ANDY HWANG;FELIX STEMESEDER;HENNING LAUTERBACH;IGOR MATUSHANSKY;KIANOOSH KATCHAR;KLAUS ORLINGER;SARAH SCHMIDT~ 33:US ~31:63/165,028 ~32:23/03/2021

2023/08844 ~ Provisional ~54:1-METHYLCYCLOPROPENE SUBSTRATE ARRANGEMENT ~71:SUPERIOR SPECIAL PROJECTS (PTY) LTD, 24/28 Old Mill Road, South Africa ~72: Mark Thomas Gerald WILLIAMS~

2023/08854 ~ Complete ~54:A PAN-KRAS INHIBITOR COMPOUND ~71:ADLAI NORTYE BIOPHARMA CO., LTD., Block 8, No. 1008 Xiangwang Street, People's Republic of China ~72: CHEN, Kaixuan;CHEN, Yufeng;CHENG, Wanli;HE, Nanhai;LI, Feifan;LIU, Canfeng;LIU, Shuaishuai;LV, Meng;YANG, Han~ 33:CN ~31:202211154665.9 ~32:19/09/2022

2023/08857 ~ Complete ~54:ADENO-ASSOCIATED VIRUS VECTOR DELIVERY OF MUSCLE SPECIFIC MICRO-DYSTROPHIN TO TREAT MUSCULAR DYSTROPHY ~71:RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL, 700 Children's Drive, Columbus, Ohio, 43205, United States of America ~72: JERRY R MENDELL;LOUISE RODINO-KLAPAC~ 33:US ~31:62/473,148 ~32:17/03/2017

2023/08858 ~ Complete ~54:STEEL PLATE-CONCRETE COMPOSITE STRENGTHENING STRUCTURE AND CONSTRUCTION METHOD FOR REINFORCED CONCRETE T-BEAM ~71:GANSU CHANGLONG HIGHWAY MAINTENANCE TECHNOLOGY RESEARCH INSTITUTE CO., LTD., No. 66, Xiaoyantan Village, Chengguan District, Lanzhou, People's Republic of China;GANSU PROVINCE TRANSPORTAT PLANNING,SURVEY&DESING INSTITUTE CO.LTD., No. 66, Xiaoyantan Village, Chengguan District, Lanzhou, People's Republic of China ~72: CHEN, Yongliang;MA, Keyan;RAN, Jingai;SONG, Bo;SUN, Jie~ 33:CN ~31:2023102216391 ~32:09/03/2023

2023/08860 ~ Complete ~54:SOLID FORMS OF SAFLUFENACIL-SODIUM AND SAFLUFENACIL-POTASSIUM, PROCESS OF PREPARATION AND USE THEREOF ~71:Adama Agan Ltd., P.O. Box 262, Northern Industrial Zone, ASHDOD 7710201, ISRAEL, Israel ~72: GALGE, Revanappa Vasantrao;GRABARNICK, Michael;JHA, Ashok Kumar;MELIKER, Daniel;NAHMOUD, Sergio;ZISERMAN, Lior~ 33:IN ~31:202131009160 ~32:04/03/2021

2023/08920 ~ Complete ~54:A METHOD AND SYSTEM FOR SCHEDULING A HEALTHCARE APPOINTMENT ~71:OUTCOMES IT (PTY) LTD, 32 Kenilworth Road, Kenilworth, South Africa ~72: LAURENSON, Duncan Bain~

2023/08861 ~ Complete ~54:AROMATIC COMPOUND, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF ~71:Fukang (Shanghai) Health Technology Co., Ltd, Room 518, Building 21, No. 1-28, Lane 588, Tianxiong Road, Pudong New Area, SHANGHAI 201318, CHINA (P.R.C.), People's Republic of China ~72: LIU, Huixin;SHEN, Xiaokun~ 33:CN ~31:202110264844.7 ~32:04/03/2021

2023/08862 ~ Complete ~54:METHODS FOR MAKING CLEANING COMPOSITIONS AND DETECTING SOILS ~71:The Procter & Gamble Company, One Procter & Gamble Plaza, CINCINNATI 45202, OH, USA, United States of America ~72: JONES, Catherine;LANT, Neil Joseph;MOMIN, Nazarmohammad Gulamhussain;MORALES GARCIA, Ana L.;WILLATS, William G. T.;YAU, Hamish Chun Lam~ 33:EP ~31:21172342.4 ~32:05/05/2021

2023/08866 ~ Complete ~54:FUNCTIONALIZED MACROPARTICLES OF MESOPOROUS SILICA FOR PROTEIN STABILIZATION AND METAL REMOVAL FROM A BEVERAGE ~71:ESSECO S.R.L., Via San Cassiano 99 Frazione San Martino, 28069, Trecate NO, Italy ~72: FABIO ANGIULI;GIOVANNI TRIULZI~ 33:EP ~31:21160683.5 ~32:04/03/2021

2023/08876 ~ Complete ~54:EZRIN PEPTIDE 1 FOR USE IN A METHOD OF TREATING POST COVID-19 ~71:PANTAPHARM AG, Hinterstrasse 53, Germany ~72: NESSELHUT, Jan;NESSELHUT, Thomas;OSMERS, Rüdiger~ 33:EP ~31:PCT/EP2021/058459 ~32:31/03/2021;33:EP ~31:21200476.6 ~32:01/10/2021

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2023/08917 ~ Complete ~54:METHOD FOR PRODUCING A LINING PART FOR A VEHICLE, AND LINING PART PRODUCED USING SAID METHOD ~71:ASCORIUM GMBH, Im Mühlenbruch 10-12, Germany ~72: Geert TROSSAERT;Koen VANLANDSCHOOT;Rudi FARINON;Yvan VANLUCHENE~ 33:DE ~31:10 2021 116 451.6 ~32:25/06/2021

2023/08882 ~ Provisional ~54:INDUCTIVE KEYBOARD SWITCH ~71:AZOTEQ HOLDINGS LIMITED, c/o Spyrou Kyprianou Avenue 20, Chapo Central, Cyprus ~72: BRUWER, Frederick Johannes;RADEMEYER, Daniel Barend;VILJOEN, Jean~

2023/08884 ~ Provisional ~54:METHOD OF AND SYSTEM FOR ENGAGING WITH A PERSON AND GUIDING THE PERSON ALONG A PERSONALISED HEALTH PATHWAY ~71:DISCOVERY LIMITED, 1 Discovery Place, corner of Rivonia Road and Katherine Street, Sandton, 2196, South Africa ~72: ADRIAN GORE~

2023/08898 ~ Complete ~54:PELLETIZATION OF A POLYMER STABILIZER MIXTURE ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: GFROERER, Thomas, Georg;HERBST, Heinz;REICH, Oliver;TUERKOGLU, Gazi~ 33:EP ~31:21159438.7 ~32:25/02/2021

2023/08888 ~ Complete ~54:AGRICULTURAL TRENCH DEPTH SYSTEMS, METHODS, AND APPARATUS ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: KOCH,

Dale;SLONEKER, Dillon;SWANSON, Todd~ 33:US ~31:62/297,535 ~32:19/02/2016;33:US ~31:62/322,314 ~32:14/04/2016;33:US ~31:62/366,405 ~32:25/07/2016;33:US ~31:62/417,144 ~32:03/11/2016

2023/08908 ~ Complete ~54:METHOD OF PREPARING ALUMINA ~71:Alcoa of Australia Limited, Alumina Centre of Excellence, Corner Davy and Marmion Streets, BOORAGOON 6154, WESTERN AUSTRALIA, AUSTRALIA, Australia ~72: LAMACCHIA, Robert Joseph~ 33:AU ~31:2021900633 ~32:05/03/2021

2023/08921 ~ Provisional ~54:GIMBAL ULTRASOUND PROBE ATTACHEMENT ~71:Aobakwe Robert Setlhare, Unit 11 Winglen Complex, 29 Swartgoud street, South Africa ~72: Aobakwe Robert Setlhare~

2023/08878 ~ Provisional ~54:A PRODUCT MANAGEMENT SYSTEM ~71:MAHLANGU, Ayanda, Joel, UNIT 54 RIVER GLEN, 29 AUGRABIES ROAD, MOOIKLOOF RIDGE, PRETORIA, 0059, SOUTH AFRICA, South Africa ~72: MAHLANGU, Winile, Ntombikayise~

2023/08887 ~ Complete ~54:ECOLOGICAL RESTORATION METHOD FOR HIGH AND STEEP SLOPE OF ABANDONED SAND QUARRY WITH AEOLIAN SAND LANDFORM ~71:Huijin Technology Holding Group Co., Ltd, No. 12 Fenglin Road, High-tech Zone, Xi'an City, Shaanxi Province, 710065, People's Republic of China ~72: HE, Juanni;ZHANG, Wenxin~ 33:CN ~31:2023107541534 ~32:25/06/2023

2023/08889 ~ Complete ~54:AGRICULTURAL TRENCH DEPTH SYSTEMS, METHODS, AND APPARATUS ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: KOCH, Dale;SLONEKER, Dillon;SWANSON, Todd~ 33:US ~31:62/297,535 ~32:19/02/2016;33:US ~31:62/322,314 ~32:14/04/2016;33:US ~31:62/366,405 ~32:25/07/2016;33:US ~31:62/417,144 ~32:03/11/2016

2023/08902 ~ Complete ~54:THIENOPYRROLE COMPOUNDS ~71:GILEAD SCIENCES, INC., 333 Lakeside Drive, Foster City, United States of America ~72: AMMANN, STEPHEN E.;CANALES, EDA Y.;CHANG, WENG K.;KINFE, HENOK H.;LAZERWITH, SCOTT E.;MITCHELL, MICHAEL L.;MOAZAMI, YASAMIN;SCHROEDER, SCOTT D.;SHORE, DANIEL G.;SWANK, CHRISTOPHER J.~ 33:US ~31:63/176,109 ~32:16/04/2021;33:US ~31:63/216,418 ~32:29/06/2021;33:US ~31:63/305,610 ~32:01/02/2022

2023/08918 ~ Complete ~54:STORAGE AND RETRIEVAL UNIT FOR A HIGH-BAY WAREHOUSE ~71:AMOVA GMBH, Wiesenstrasse 30, Germany ~72: Bernd BÜDENBENDER;Bernd KLEIN~ 33:DE ~31:10 2021 117 938.6 ~32:12/07/2021

2023/08891 ~ Complete ~54:SCREW ~71:HSU, MING-HAO, No.166, Xinxing St., Yongkang Dist., Taiwan, Province of China ~72: HSU, MING-HAO~

2023/08892 ~ Complete ~54:HIGH-PRESSURE CLEANING DEVICE FOR MEDICAL CLINICAL NURSING EQUIPMENT ~71:ZHENGZHOU UNIVERSITY OF INDUSTRIAL TECHNOLOGY, XINZHENG HIGH-TECH DEVELOPMENT ZONE, People's Republic of China ~72: HUANG, Yanjun;JIA, Lili;LI, Na;LI, Xiaohuan;LIU, Juan;WANG, Shuyuan;ZHANG, Qiuxia~

2023/08907 ~ Complete ~54:METHODS AND COMPOSITIONS FOR TREATING CLOSTRIDIODES DIFFICILE INFECTIONS ~71:MATRIVAX, INC., 650 Albany Street 117, United States of America ~72: CARTEE, Robert T.;FINN, Michael W.;KILLEEN, Kevin P.;THANAWASTIEN, Ann~ 33:US ~31:63/170,250 ~32:02/04/2021

2023/08911 ~ Complete ~54:SYSTEMS AND METHODS FOR SMART FARMING ~71:FARMSMARTER LTD., 64 Talfourd Road, Camberwell, Greater London, SE15 5NY, United Kingdom ~72: PAUL COKER;REBECCA COKER~ 33:GB ~31:2102683.6 ~32:25/02/2021

2023/08914 ~ Complete ~54:AGRICULTURAL COMPOSITION COMPRISING MELATONIN AND CARBOXYLIC COMPOUNDS FOR ENHANCING ANTIOXIDANT PROPERTY TO INCREASE CROP YIELD ~71:FERTIS INDIA

PVT. LTD., 6-3-668/10/56, Plot No 56, 1st Floor, Durga Nagar Colony, Punjagutta, Telangana, Hyderabad, 500082, India ~72: GEORGE KOCHUMALAYIL SHAJI;LAKSHMI PRASANNA KUMAR GARUDADRI;RAHUL RAJU KANUMURU;RAVIKUMAR SURANENI;SIL ANINDYA~ 33:IN ~31:202141012166 ~32:22/03/2021

2023/08910 ~ Complete ~54:LINERBOLT REMOVAL TOOL IMPROVEMENTS ~71:Russell Mineral Equipment Pty Ltd, 149 Hursley Road, TOOWOOMBA 4350, QUEENSLAND, AUSTRALIA, Australia ~72: GROVES, David;RUBIE, Peter John~ 33:AU ~31:2021900745 ~32:15/03/2021

2023/08913 ~ Complete ~54:MELATONIN COMPOSITION WITH METALS AND A METHOD FOR ENHANCING ENZYMATIC REACTIONS AND METABOLIC PATHWAYS IN PLANTS ~71:FERTIS INDIA PVT. LTD., 6-3-668/10/56, Plot No 56, 1st Floor, Durga Nagar Colony, Punjagutta, Telangana, Hyderabad, 500082, India ~72: GEORGE KOCHUMALAYIL SHAJI;LAKSHMI PRASANNA KUMAR GARUDADRI;RAHUL RAJU KANUMURU;RAVIKUMAR SURANENI;SIL ANINDYA~ 33:IN ~31:202141011969 ~32:20/03/2021

2023/08906 ~ Complete ~54:PROCESS OF RECYCLED POLYPROPYLENE ~71:NEXAM CHEMICAL AB, Industrigatan 27, Sweden ~72: ANDREASSON, Urban~ 33:SE ~31:2150424-6 ~32:06/04/2021

2023/08909 ~ Complete ~54:CROSS-LINKABLE XYLANS AND METHODS OF PRODUCING THE SAME AND THEIR USES ~71:CH-Bioforce Oy, Ahventie 4 A 21, ESPOO 02170, FINLAND, Finland ~72: LAX, Nicholas;PRANOVICH, Andrey;VÄHÄSALO, Lari;VON SCHOULTZ, Sebastian~ 33:FI ~31:20215354 ~32:28/03/2021

2023/08879 ~ Provisional ~54:METHOD FOR ASCERTAINING VEHICLE DETAILS ~71:EMMANUEL MOKUTU, 1046 MOEFI STREET, MAPETLA, South Africa ~72: EMMANUEL MOKUTU~

2023/08895 ~ Complete ~54:NOVEL TNFR2 BINDING MOLECULES ~71:JULIUS-MAXIMILIANS-UNIVERSITÄT WÜRZBURG, Sandering 2, Germany ~72: BEILHACK, Andreas;MEDLER, Juliane;ROMPAEY, Luc VAN;STEINFATT, Tim;WAJANT, Harald~ 33:EP ~31:21166756.3 ~32:01/04/2021

2023/08905 ~ Complete ~54:ALUMINIUM ALLOY SHEET FOR CLOSURES AND THERMOMECHANICAL METHOD FOR PRODUCING THE SAME ~71:ACR II ALUMINIUM GROUP B.V., Prof. J.H. Bavincklaan, 2-4, 1183 AT, Amstelveen, Netherlands ~72: FERNÁNDEZ RIVERA, Catalina;GIL FERNÁNDEZ-MARCOTE, Ignacio~ 33:EP ~31:EP21382222 ~32:18/03/2021

2023/08912 ~ Complete ~54:ANTIMICROBIAL COMPOSITION OF CARBOXYLIC ACIDS WITH ALDEHYDE AND ANTIOXIDANTS COMBINATION ~71:FERTIS INDIA PVT. LTD., 6-3-668/10/56, Plot No 56, 1st Floor, Durga Nagar Colony, Punjagutta, Telangana, Hyderabad, 500082, India ~72: GEORGE KOCHUMALAYIL SHAJI;LAKSHMI PRASANNA KUMAR GARUDADRI;RAHUL RAJU KANUMURU;RAVIKUMAR SURANENI;SIL ANINDYA~ 33:IN ~31:202141011484 ~32:18/03/2021

2023/08915 ~ Complete ~54:AN ELECTRICAL SURGE SUPPRESSOR ~71:STRIKE TECH (PROPRIETARY) LIMITED, 31 Park Avenue North, Highway Business Park, Rooihuiskraal, Centurion, PRETORIA 0001, Gauteng, SOUTH AFRICA, South Africa ~72: KINLOCH, Brenton;SCHUTTE, Christo~ 33:ZA ~31:2021/02395 ~32:13/04/2021

2023/08880 ~ Provisional ~54:FIRE BLOWER APPARATUS ~71:DONKEY LONG TONG (PTY) LTD, 10 Hermes Street, Paarden Island, South Africa ~72: EVE, Nicholas Halliday;HATTINGH, Marcel~

2023/08883 ~ Provisional ~54:VEHICLE IMMOBILISATION SYSTEM ~71:WE TRACK CARS (PTY) LTD t/a PACE TRACKING, 26 15th Street, Marlboro North, Johannesburg 2063, Gauteng, SOUTH AFRICA, South Africa ~72: PRICE, Murray Bold~

2023/08885 ~ Provisional ~54:PALLET WRAPPING ~71:PRIOR, Vincent Warren, 1 Nursery Road, Westerndeep Levels, South Africa ~72: PRIOR, Vincent Warren~

2023/08893 ~ Complete ~54:SOLID WASTE-BASED 3D PRINTING MATERIAL ~71:Hebei Chemical & Pharmaceutical College, No. 88, Fangxing Road, Shijiazhuang, Hebei, People's Republic of China ~72: HAO, Lixia~ 33:CN ~31:2022111970364 ~32:29/09/2022

2023/08896 ~ Complete ~54:ANTIBODIES BINDING TROP2 AND USES THEREOF ~71:BIOSION INC., 5th Floor, Building D, 3-1 Zhongdan Unit, United States of America ~72: CHEN, Mingjiu~ 33:US ~31:63/178,741 ~32:23/04/2021

2023/08886 ~ Complete ~54:SOILLESS SPRAY-SEEDING SUBSTRATE AND PREPARATION METHOD AND APPLICATION THEREOF ~71:Huijin Technology Holding Group Co., Ltd, No. 12 Fenglin Road, High-tech Zone, Xi'an City, Shaanxi Province, 710065, People's Republic of China ~72: HE, Juanni;ZHANG, Wenxin~ 33:CN ~31:202310813528X ~32:05/07/2023

2023/08890 ~ Complete ~54:AGRICULTURAL TRENCH DEPTH SYSTEMS, METHODS, AND APPARATUS ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: KOCH, Dale;SLONEKER, Dillon;SWANSON, Todd~ 33:US ~31:62/297,535 ~32:19/02/2016;33:US ~31:62/322,314 ~32:14/04/2016;33:US ~31:62/366,405 ~32:25/07/2016;33:US ~31:62/417,144 ~32:03/11/2016

2023/08900 ~ Complete ~54:PELLETIZATION OF A POLYMER STABILIZER MIXTURE ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: GFROERER, Thomas, Georg;HERBST, Heinz;REICH, Oliver;TUERKOGLU, Gazi~ 33:EP ~31:21159436.1 ~32:25/02/2021

2023/08894 ~ Complete ~54:MANUFACTURING METHOD FOR LIQUID SODIUM HYDROSULFITE ~71:Guangdi Maoming Chemical Co., Ltd., No. 289, Industrial Avenue, High-tech Industrial Development Zone, Maoming City, Guangdong Province, People's Republic of China;Guangdong Maohuayan Green Development Co., Ltd., Room 102, 1/F, Office Building, Changqian Avenue, Ethylene Plant, High-Tech Zone, Maoming City, Guangdong Province, People's Republic of China ~72: Hai LIU;Haotong TAN;Shengmin TAN;Weijie HU;Wenshi ZENG~ 33:CN ~31:202211683623.4 ~32:27/12/2022

2023/08901 ~ Complete ~54:ANTIVIRAL HETEROCYCLIC COMPOUNDS ~71:ENANTA PHARMACEUTICALS, INC., 500 ARSENAL STREET, WATERTOWN, MASSACHUSETTS 02472, USA, United States of America ~72: KIM, In, Jong;LEON, Robert;LI, Xiben;MANN, Tyler, J.;McGRATH, Kevin;NGUYEN, Long;OR, Yat, Sun;SZYMANIAK, Adam;YU, Jianming~ 33:US ~31:63/154,318 ~32:26/02/2021;33:US ~31:63/168,705 ~32:31/03/2021;33:US ~31:63/171,895 ~32:07/04/2021;33:US ~31:63/293,339 ~32:23/12/2021

2023/08903 ~ Complete ~54:METHOD AND APPARATUS FOR PRESERVING BEVERAGES ~71:LANXESS DEUTSCHLAND GMBH, Kennedyplatz 1, Raum T.E03-129, Germany ~72: BURGHOLZ, Jonas;VOGL, Erasmus~ 33:EP ~31:21167212.6 ~32:07/04/2021

2023/08881 ~ Provisional ~54:PRESSURE MOUSE WHEEL ~71:AZOTEQ HOLDINGS LIMITED, c/o Spyrou Kyprianou Avenue 20, Chapo Central, Cyprus ~72: BRUWER, Frederick Johannes;VILJOEN, Jean~

2023/08897 ~ Complete ~54:NOVEL ELECTROCHEMILUMINESCENCE CO-REACTANT, AND ELECTROCHEMILUMINESCENCE SYSTEM COMPRISING SAME ~71:ELIPS DIAGNOSTICS INC., (SANGDO-DONG), 212HO, VENTURE HALL, SOONGSIL UNIVERSITY, 369, SANGDO-RO DONGJAK-GU, SEOUL 06978, REP OF KOREA, Republic of Korea ~72: SHIN, Ik-Soo;~ 33:KR ~31:10-2021-0026210 ~32:26/02/2021;33:KR ~31:10-2022-0016178 ~32:08/02/2022

2023/08899 ~ Complete ~54:ENCODING DEVICE, DECODING DEVICE, ENCODING METHOD, AND DECODING METHOD ~71:PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, 2050 W 190TH STREET SUITE 450, TORRANCE, CA 90504, USA, United States of America ~72: EHARA, Hiroyuki;HARADA, Akira;LIM, Chong Soon;NAGISETTY, Srikanth~ 33:US ~31:63/164,942 ~32:23/03/2021;33:JP ~31:2021-118130 ~32:16/07/2021

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2023/08926 ~ Complete ~54:METHOD FOR EVALUATING PARTICLE SIZE OF CONGLOMERATE BASED ON IMAGE SEGMENTATION ~71:Southwest Petroleum University, No. 8, Xindu Avenue, Xindu District, Chengdu,, Sichuan Province, 610500, People's Republic of China ~72: DING, Yi;GOU, Jianru;LIANG, Lixi;LUO, Zhihang;XIONG, Jian;XU, Wenshuo;ZHANG, Wen~

2023/08936 ~ Complete ~54:SALIVARY BIOMARKERS OF BRAIN INJURY ~71:MARKER DIAGNOSTICS UK LIMITED, St. Bride’s House, 10 Salisbury Square , London, EC4Y 8EH, United Kingdom ~72: ANTONIO BELLI;VALENTINA DI PIETRO~ 33:US ~31:62/805,761 ~32:14/02/2019;33:US ~31:62/884,104 ~32:07/08/2019

2023/08953 ~ Complete ~54:SYSTEMS, METHODS, AND APPARATUSES FOR REAL-TIME CHARACTERIZATION OF ROCK CUTTINGS DURING ROCK DRILL CUTTING ~71:CATERPILLAR INC., 100 NE Adams Street, United States of America ~72: HALTERMAN, John F.;HENDRICKS, Carl;MIANZO, Lawrence A.;NADUKURU, Narayana G.;OBLAK, Tod A.;PETERSON, James;TAYLOR, Lyle~ 33:US ~31:17/210,554 ~32:24/03/2021

2023/08961 ~ Complete ~54:TARGETING CONJUGATES COMPRISING EFFECTOR MOLECULES AND USES THEREOF ~71:ALLYGEN GROUP, Suite #4-210, Governors Square, 23 Lime Tree Bay Avenue, PO Box 32311, Grand Cayman KY1-1209, Cayman Islands ~72: JUN XIANG;WENLONG GAO~ 33:CN ~31:PCT/CN2021/077864 ~32:25/02/2021;33:CN ~31:PCT/CN2021/084952 ~32:01/04/2021

2023/08927 ~ Complete ~54:USING METHOD OF TRAINING SYSTEM FOR VASCULAR INTERVENTIONAL SURGERY ~71:THE AFFILIATED HOSPITAL OF GUIZHOU MEDICAL UNIVERSITY, No. 28, Guiyi Street, Yunyan District, Guiyang City, Guizhou Province, 550001, People's Republic of China ~72: CHEN, Guangtang;CHU, Liangzhao;CUI, Junshuan;FENG, Xiaoyun;HE, Longcai;LI, Bowen;SHI, Xueping;WANG, Junhao;WANG, Yixin;XIANG, Xin;XIAO, Zhuo;XU, Kaya;YANG, Hua;ZENG, Xi;ZHUO, Yingquan~ 33:CN ~31:202211628424.3 ~32:17/12/2022

2023/08931 ~ Complete ~54:A DISINFECTION DEVICE FOR EMERGENCY INSTRUMENTS USED IN THE INTENSIVE CARE UNIT ~71:SHAANXI PROVINCIAL PEOPLE’S HOSPITAL, No. 256, Youyi West Road, Beilin District, Xi'an, Shaanxi, People's Republic of China ~72: Yingying Fu~

2023/08955 ~ Complete ~54:ANTI-EGFRVIII ANTIBODY DRUG CONJUGATES AND USES THEREOF ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: DELFINO, Frank;KELLY, Marcus;KIRSHNER, Jessica;NITTOLI, Thomas;THURSTON, Gavin~ 33:US ~31:63/213,478 ~32:22/06/2021;33:US ~31:63/242,929 ~32:10/09/2021

2023/08967 ~ Complete ~54:ANTI-CD19 ANTIBODIES AND CAR-T STRUCTURES ~71:TeneoBio, Inc., One Amgen Center Drive, THOUSAND OAKS 91320-1799 , CA, USA, United States of America ~72: AVANZINO, Brian;CHANG, Karen;DAVISON, Laura;HARRIS, Katherine;LUCAS, Joseph S.;MADISON, Blair B.;TRINKLEIN, Nathan~ 33:US ~31:63/171,520 ~32:06/04/2021;33:US ~31:63/311,913 ~32:18/02/2022

2023/08954 ~ Complete ~54:"GOOD" BUFFER-BASED CATIONIC LIPIDS ~71:TRANSLATE BIO, INC., 200 West Street, Waltham, MA, United States of America ~72: DASARI, Ramesh;DEROSA, Frank;KARMAKAR, Saswata;KARVE, Shrirang;LANDIS, Ryan~ 33:US ~31:63/175,429 ~32:15/04/2021;33:US ~31:63/313,578 ~32:24/02/2022

2023/08956 ~ Complete ~54:MICROFLUIDIC MANIFOLD AND METHOD FOR DETERMINATION OF ANALYTE CONCENTRATION FROM TEMPERATURE-COMPENSATED ABSORBANCE MEASUREMENTS ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: LITWILLER, Riley;SCHAEFER, Timothy;SWANSON, Todd;VACCARI, Adam~ 33:US ~31:63/213,319 ~32:22/06/2021

2023/08969 ~ Complete ~54:SYSTEM AND METHOD FOR DETERMINING THE RISK OF FAILURE OF A STRUCTURE ~71:JEARY, Alan Peter, 100 Warren Street, Apt, 1815,, United States of America;WINANT, Thomas Arthur, 7 Carlisle Court,, United States of America ~72: JEARY, Alan Peter;WINANT, Thomas Arthur~ 33:US ~31:17/181,745 ~32:22/02/2021

2023/08923 ~ Provisional ~54:SUPPORT PROP ~71:MSP MINE SUPPORT PRODUCTS (PTY) LTD, 108 Houtkop Road, South Africa ~72: NISSEN, Christian Engelstoft~

2023/08930 ~ Complete ~54:AIR DISCHARGE DEVICE FOR BLOOD PURIFICATION APPARATUS ~71:SHAANXI PROVINCIAL PEOPLE’S HOSPITAL, No. 256, Youyi West Road, Beilin District, Xi'an, Shaanxi, People's Republic of China ~72: Yingying Fu~

2023/08935 ~ Complete ~54:HIGH-LOAD INTERNAL MESHING GEAR MODIFICATION METHOD BASED ON CURVED MESHING LINE ~71:Fuzhou University, Fuzhou University, No.2 Wulongjiangbei Avenue, Fuzhou University Town, Minhou County, Fuzhou City, Fujian Province, 350108, People's Republic of China ~72: JIA Chao;LI Guoju;LI Qinghai;YAO Ligang~

2023/08939 ~ Complete ~54:A DIGITAL SHOPPING CART WITH AN AUTOMATIC BILLING SYSTEM ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: CHOLKE, Puja A.;DONGRE, Ganesh;KOLPE, Phalesh D.;PATIL, Sanket D.;PATIL, Siddhesh S.;PATIL, Siddhi;PAWAR, Dhiraj D.;POTE, Abhishek M.~

2023/08946 ~ Complete ~54:AN ONLINE CENSUS SURVEY SYSTEM FOR EFFICIENT POPULATION COUNTING AND DATA COLLECTION ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: CHAVAN,Puja A.;DESAI,Siddhesh;DHAMNE,Shravani;DHARMALE,Raj;DHARME, Kaustubh;GORE, Om;MARATHE,Ashutosh~

2023/08960 ~ Complete ~54:CENTANAFADINE PHARMACEUTICAL FORMULATIONS, AND METHODS OF MAKING AND USING SAME ~71:OTSUKA PHARMACEUTICAL CO., LTD., 2-9, Kanda Tsukasa-machi, Chiyoda-ku, Tokyo 1018535, Japan ~72: KAI SUZUKI;MASAHIRO HASEGAWA;PRAVEEN KUMAR MIDIDODDI;SALIN GUPTA;SHAILLY MEHROTRA;SUSAN ELIZABETH SHOAF;SYED ASFAR MATEEN~ 33:US ~31:63/152,826 ~32:23/02/2021;33:US ~31:63/241,839 ~32:08/09/2021

2023/08933 ~ Complete ~54:METHOD FOR PREPARING NEAR-INFRARED SILVER SULFIDE QUANTUM DOT PROTEIN NANOCOMPOSITE AND USE THEREOF ~71:Hainan Medical University, No. 3, Xueyuan Road, Longhua District, Haikou City, Hainan Province, 571199, People's Republic of China ~72: CHEN, Hongwei;CHEN, Yan;GUO, Junli;WANG, Bingshu;XIONG, Wei;ZHANG, Xiaodian;ZHAO, Linlu;ZHENG, Shaojiang;ZHENG, Wuping~

2023/08937 ~ Complete ~54:METHODS FOR THE SEPARATION AND/OR PURIFICATION OF METALS ~71:JOHNSON MATTHEY PUBLIC LIMITED COMPANY, 5th Floor 25 Farringdon Street, London, EC4A 4AB, United Kingdom ~72: ANDREAS TSOLIGKAS;DANIEL MARIN FLORIDO;DAVID FOXWELL;JONATHAN EDGAR;PAUL NOEL O'SHAUGHNESSY~ 33:GB ~31:2010885.8 ~32:15/07/2020

2023/08948 ~ Complete ~54:AN IOT BASED NUTRIENT FILM TECHNIQUE HYDROPONICS SYSTEM FOR MICRO FARMING ROBOT ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: CHAVAN, Pradnya;DESHMUKH, Sakshi;DEVADKAR, Aniket;HULWAN, Dattatray;KAMALSKAR, Divya;KOMBLE, Sachin;SHIRBAVIKAR, Ketki;UMBRAJKAR, Devendra~

2023/08959 ~ Complete ~54:DEPLOYABLE MARINE SENSOR SYSTEM ~71:SUSTAINABLE MARINE ENERGY LIMITED, La Belle Esperance, United Kingdom ~72: BURDEN, Christopher;HAYMAN, Jason~ 33:GB ~31:2102570.5 ~32:23/02/2021;33:GB ~31:2104504.2 ~32:30/03/2021

2023/08963 ~ Complete ~54:INDOLE DERIVATIVES AS SEROTONERGIC AGENTS USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO ~71:MINDSET PHARMA INC., 217 Queen Street West, Suite 401 Toronto, Ontario, M5V 0R2, Canada ~72: ABDELMALIK SLASSI;GUY ANDREW HIGGINS;JOSEPH ARAUJO~ 33:US ~31:63/155,634 ~32:02/03/2021

2023/08970 ~ Complete ~54:WATER-BASED SEALED POLYISOCYANATE CURING AGENT AND PREPARATION METHOD AND APPLICATION THEREOF ~71:Carpoly Chemical Group Co., Ltd., Jinxi Industrial Zone, Tangxia Town, Pengjiang District, Jiangmen City, People's Republic of China ~72: Chen Yang~ 33:CN ~31:202111576048.3 ~32:20/12/2021

2023/08928 ~ Complete ~54:GEAR DYNAMIC CHARACTERISTIC ANALYSIS METHOD BASED ON TOOTH SURFACE FRICTION ~71:Fuzhou University, Fuzhou University, No.2 Wulongjiangbei Avenue, Fuzhou University Town, Minhou County, Fuzhou City, Fujian Province, 350108, People's Republic of China ~72: HAN Xingbin;JIA Chao;WEN Ziheng;YAO Ligang~

2023/08943 ~ Complete ~54:AN AUTOMATED PLANT WATERING SYSTEM ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: JANOKAR, Sagar G.;KORADE, Prajwal Arun;KORDE, Atharva Shrikant;KORPADE, Shruti Kishor;KOTHEKAR, Piyush Chandrashekhar;KOTWAL, Nagnath Pandhari;KULKARNI, Mukund M.;MAHAJAN, Chandrashekhar M.~

2023/08950 ~ Complete ~54:A LIQUID FAR-INFRARED ANION NUTRIENT COMPOSITION AND PREPARATION METHOD THEREOF ~71:Mingyu LI, 2-2-2, No. 12, near Jiangxi Lane, 15 Wei Road, Heping District, People's Republic of China ~72: Mingyu LI~ 33:CN ~31:2023108928385 ~32:20/07/2023

2023/08966 ~ Complete ~54:COMPOSITIONS AND METHODS FOR GENERATING GAMMA-DELTA T CELLS FROM INDUCED PLURIPOTENT STEM CELLS ~71:Century Therapeutics, Inc., 3675 Market Street, PHILADELPHIA 19104, PA, USA, United States of America ~72: BEQIRI, Marilda;BORGES, Luis;DEL CASALE, Christina;GURUNG, Buddha;LEBID, Andriana;MENDONCA, Mark;MORSE, Barry;NASO, Michael Francis;NISHIMURA, Toshinobu;SALANTES, Brenda;SANTOSTEFANO, Katherine;THOMPSON, Lucas;WALLET, Mark;ZHU, Zengrong~ 33:US ~31:63/171,646 ~32:07/04/2021;33:US ~31:63/279,837 ~32:16/11/2021

2023/08949 ~ Complete ~54:USE OF LACTIPLANTIBACILLUS PLANTARUM IN INCREASING ALKALOID AND/OR POLYSACCHARIDE IN LEONURUS JAPONICUS HOUTT ~71:INNER MONGOLIA ACADEMY OF AGRICULTURAL AND ANIMAL HUSBANDRY SCIENCES, No.22 Zhaojun Road, Yuquan District, Hohhot City,

People's Republic of China;INNER MONGOLIA AGRICULTURAL UNIVERSITY, No.306 Zhaowuda Road, Saihan District, Hohhot City, People's Republic of China ~72: BO, Suling;GENG, Aopan;GUO, Dongdong;HAI, Xuran;HUANG, Yao;HUANGFU, Jiuru;LUO, Jie;LV, You;SU, Shaofeng;WU, Haiqing;XU, Guoxin;ZHANG, Xin;ZHAO, Yue;ZHU, Chunxia~ 33:CN ~31:2023107699035 ~32:27/06/2023

2023/08957 ~ Complete ~54:STABILIZED FORMULATIONS CONTAINING ANTI-MUC16 X ANTI-CD3 BISPECIFIC ANTIBODIES ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: GRAHAM, Kenneth;KAMEN, Douglas;QIU, Haibo;XU, Xiaobin;YANG, Teng-Chieh~ 33:US ~31:63/170,320 ~32:02/04/2021;33:US ~31:63/313,927 ~32:25/02/2022

2023/08968 ~ Complete ~54:TIRE HANDLER HAVING TIRE LAY FLAT CAPABILITY ~71:Nordic Minesteel Technologies Inc., 373 Main Street West, Unit 1, NORTH BAY P1B 2T9, ONTARIO, CANADA, Canada ~72: DESORMEAU, Wayne;MATHIEU, Guy~ 33:US ~31:63/168,226 ~32:30/03/2021

2023/08924 ~ Provisional ~54:AUTOMOTIVE 360 PHOTOBOOTH TRACK ~71:Kiran Dayaram Valjee, 37 Wingate Crescent , Sunningdale , Cape Town , 7441, South Africa ~72: Kiran Dayaram Valjee~

2023/08941 ~ Complete ~54:A SYSTEM AND METHOD FOR AUTOMATED FRUIT RIPENESS DETECTION USING IMAGE PROCESSING ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: JALNEKAR,Rajesh M.;KHARAT,Dattatray;KHARAT,Manasi;KHARDEKAR,Sujal;KHATAL,Shruti;KHATKE,Ayush;KULKARNI,Mukund M.;NARULE,Yogita~

2023/08944 ~ Complete ~54:AN AUTOMATED TRAFFIC MANAGEMENT SYSTEM ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: MAHAJAN, Chandrashekhar M.;MANDE, Smita S.;MORE, Parth;MORE, Sanchay;MORE, Sanket;MORE, Shubham;MORE, Vaishali;WAIKAR, Rahul~

2023/08952 ~ Complete ~54:WEAR PART REMOVAL SYSTEM ~71:CATERPILLAR INC., 100 NE Adams Street, United States of America ~72: KUNZ, Phillip J.;WURMNEST, Kyle R.~ 33:US ~31:17/211,560 ~32:24/03/2021

2023/09018 ~ Provisional ~54:FLEXIBLE PACKAGING POUCHES DESIGNED FOR SECOND-USE AS WATER SAVERS ~71:BRUCE SEYMOUR MOLYNEUX, 17 KINNERSLEY RD, NEWTON PARK, South Africa ~72: BRUCE SEYMOUR MOLYNEUX~

2023/08922 ~ Provisional ~54:STREAMLINED TEST RESULT RECORDING SYSTEM FOR SOUTH AFRICAN PRIMARY, SECONDARY AND TERTIARY SCHOOLS ~71:ANDILE NTSELE, mm15 street, South Africa ~72: ANDILE NTSLE~

2023/08934 ~ Complete ~54:PASTURE TREATMENTS FOR ENHANCED CARBON SEQUESTRATION AND REDUCTION IN LIVESTOCK-PRODUCED GREENHOUSE GAS EMISSIONS ~71:LOCUS IP COMPANY, LLC, 30500 Aurora Road, Suite 180, United States of America ~72: ALIBEK, Ken;FARMER, Sean~ 33:US ~31:62/833,355 ~32:12/04/2019;33:US ~31:62/885,876 ~32:13/08/2019;33:US ~31:62/967,907 ~32:30/01/2020

2023/08938 ~ Complete ~54:AN ALUMINUM ALLOY PROFILE WITH MATTE DEEP ANTIQUE COPPER NICKEL SALT COLORING AND A PREPARATION METHOD THEREOF ~71:Guangdong Weiye Aluminium Factory Group Co., Ltd, No. 1, Honglingsilu, Shishan Town, Nanhai, FOSHAN CITY 528000, GUANGDONG PROVINCE, CHINA (P.R.C.), People's Republic of China ~72: CHEN, Jianhang;LI, Jiaxing;LIANG, Meichan~ 33:CN ~31:202310407913.4 ~32:17/04/2023

2023/08947 ~ Complete ~54:A MACHINE LEARNING BASED SYSTEM FOR CYBER BULLYING DETECTION AND PREVENTION ON SOCIAL PLATFORMS ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: CHAVAN,Puja;JALNEKAR,Rajesh;LAMBOR,Shilpa;PATIL,Samved;PATIL,Siddhi;PETHKAR, Vaishnavi;PHADKE,Mrunmayee~

2023/08964 ~ Complete ~54:LIQUID COMPOSITION FOR INHALATION FOR ELECTRONIC CIGARETTES ~71:APE8 S.R.L., VIA DI VITTORIO, 5/A Origgio, Italy ~72: FERRI, Emanuele;GILARDINO, Piero~ 33:IT ~31:102021000005027 ~32:04/03/2021

2023/08971 ~ Complete ~54:PREFABRICATED CONCRETE CONNECTION STRUCTURE AND CONSTRUCTION METHOD ~71:North China University of Science and Technology, #21 Bohai Road, Caofeidian Xincheng, Tangshan, People's Republic of China ~72: Chen Juannong;Gao Lin;Liu Bo;Lu Yankai~ 33:CN ~31:202211281614.2 ~32:19/10/2022

2023/08972 ~ Provisional ~54:AN ELECTRICAL LICENSE DEVICE AND SYSTEM ~71:THE ROSS FAMILY TRUST No I/T 20048 /20214, No8 PEN KOTZE STREET PLATTEKLOOF 1, PAROW, South Africa ~72: ROSS,CLINT DAMIAN~

2023/08925 ~ Provisional ~54:TORSION HOLDER ~71:BRELKO PATENTS (PTY) LTD, Reuven Extension 1, 44 Chambers St., Booysens, South Africa ~72: CHRISTIAN, Paul~

2023/08932 ~ Complete ~54:CONVENIENT HEIGHT-ADJUSTABLE COMPUTER MONITOR BRACKET LOCKING DEVICE ~71:GUIZHOU VOCATIONAL COLLEGE OF ECONOMICS AND BUSINESS, Luyin Lake Industrial Park, Duyun, Guizhou, People's Republic of China ~72: Dejuan Lu~

2023/08940 ~ Complete ~54:AN AUTOMATED GREENHOUSE SYSTEM BASED ON ARDUINO UNO ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: DESHPANDE,Rupali S.;FARGADE,Ashish;FATANGARE,Saish;GADGIL,Aditya;GAIKWAD,Ankita;GAIKWAD,Vijay D.;JANOKAR,Sagar G.;SAWANT,Gagnesh~

2023/08945 ~ Complete ~54:A MULTI SENSORY HIGH SPEED PHOTOGRAPHY TRIGGER SYSTEM ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: JOSHI, Kalpesh V.;MAHAJAN, Chandrashekhar M.;MASKE, Pavan Rameshwar;MASLEKAR, Aditya Shrikrishna;MATALE, Aditya Rajendra;MATHAPATI, Shreyan Avinash;MATHE, Vijay Sanjay;NARULE, Yogita~

2023/08962 ~ Complete ~54:INDOLE DERIVATIVES AS SEROTONERGIC AGENTS USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO ~71:MINDSET PHARMA INC., 217 Queen Street West, Suite 401 Toronto, Ontario, M5V 0R2, Canada ~72: ABDELMALIK SLASSI;GUY ANDREW HIGGINS;JOSEPH ARAUJO~ 33:US ~31:63/155,634 ~32:02/03/2021

2023/08929 ~ Complete ~54:GENERAL SURGICAL PRECISE POSITIONING DEVICE ~71:SHOUGUANG HOSPITAL OF T.C.M, No. 3353, Shengcheng Street, Shouguang, Weifang, Shandong, People's Republic of China ~72: Baoyong Lv;Jianquan Yu;Xiaoxiang Hou~

2023/08942 ~ Complete ~54:A SYSTEM AND METHOD FOR DISEASE DETECTION ON PLANT LEAVES USING A CONVOLUTIONAL NEURAL NETWORK ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: DESHPANDE,Rupali

S.;FATTEPURKAR,Gopika;KATKAR,Kartik;KAULWAR,Mayuresh;KAURASE,Astik;KAWTIKWAR,Yash;MAGAR,Kaushik;MAHAJAN,Chandrashekhar M.~

2023/08951 ~ Complete ~54:A METHOD FOR PREPARING SHEEP SKIN FIBROBLAST CELLS ~71:CHINA JILIANG UNIVERSITY, 258 Xueyuan Street, Xiasha Higher Education Park, Hangzhou City, People's Republic of China;XINJIANG ACADEMY OF AGRICULTURAL RECLAMATION SCIENCES, 221 Wuyi Road, Shihezi City, People's Republic of China ~72: DAI, Rong;GUAN, Feng;TANG, Hong;YANG, Yang;ZHANG, Bin;ZHANG, Yiyuan~

2023/08958 ~ Complete ~54:MK2 INHIBITORS AND USES THEREOF ~71:XINTHERA, INC., c/o GILEAD SCIENCES. INC. 333 Lakeside Drive Foster City, United States of America ~72: DONG, QING;HOFFMAN, ROBERT L.;KALDOR, STEPHEN W.;TRZOSS, LYNNIE~ 33:US ~31:63/168,407 ~32:31/03/2021;33:US ~31:63/318,118 ~32:09/03/2022

2023/08965 ~ Complete ~54:CLOSURE ASSEMBLY FOR A BEVERAGE CONTAINER AND METHOD FOR REPEATABLY CLOSING A BEVERAGE CONTAINER WITH A CLOSURE ASSEMBLY ~71:Ardagh Metal Packaging Europe GmbH, Grafenauweg 4, ZUG 6300, SWITZERLAND, Switzerland ~72: BUNNEMANN, Martin;JÖBGES, Udo~ 33:DE ~31:10 2021 106 977.7 ~32:22/03/2021

. - APPLIED ON 2023/09/22 -

2023/08983 ~ Complete ~54:APPARATUS AND METHOD FOR AMMONIA WASTEWATER REDUCTION ~71:AIR PRODUCTS AND CHEMICALS, INC., 1940 Air Products Boulevard, Allentown, Pennsylvania, 18106-5500, United States of America ~72: GRAEME RICHARD WILSON;KEVIN RICHARD MADTHA~ 33:US ~31:17/956,055 ~32:29/09/2022

2023/08985 ~ Complete ~54:CONSTRUCTS AND METHODS FOR INCREASED EXPRESSION OF POLYPEPTIDES ~71:BIOLOGICAL E LIMITED, Plot No. 18/1 & 3, Azamabad, India ~72: DATLA, Mahima;MANTENA, Narender Dev;MATUR, Ramesh Venkat;REGATTI, Pavan Reddy~ 33:IN ~31:202141014741 ~32:31/03/2021

2023/08982 ~ Complete ~54:SOUND DAMPER ~71:PUREM GMBH, Homburger Straße 95, 66539, Neunkirchen, Germany ~72: MICHAEL SCHMIDT;PHILIPP KRATZ~ 33:DE ~31:10 2022 124 582.9 ~32:26/09/2022

2023/08973 ~ Complete ~54:ROOT GRAFTING PROPAGATION METHOD FOR JUGLANS MANDSHURICA ~71:Forestry Science and Technology Promotion Center of Zhenghe, Forestry Commission Office Building, Zhenghe County, Nanping City, Fujian Province, People's Republic of China;Fujian Academy of Foresty, No.35, Shangchiqiao, Xindian, Fuzhou, Fujian Province, People's Republic of China ~72: Fan Miaobin;Huang Yong;Li Zhizhen;Xie Yiqing;Zhu Xiangjing~ 33:CN ~31:2023110241446 ~32:15/08/2023

2023/08988 ~ Complete ~54:METHODS OF PERFUSION CULTURING A MAMMALIAN CELL ~71:GENZYME CORPORATION, 450 Water Street, Cambridge, Massachusetts, United States of America ~72: BARRETT, Shawn, L.;BUDDE, Charles;POWERS, Daryl~ 33:US ~31:63/174,900 ~32:14/04/2021

2023/08995 ~ Complete ~54:EXTRUDED SUBSTRATES FOR AEROSOL DELIVERY DEVICES ~71:NICOVENTURES TRADING LIMITED, Globe House, 1 Water Street, United Kingdom ~72: CLARK, Caroline W.;COMER, Tiffany;FORD, Kyle;MONSALUD, Luis~ 33:US ~31:63/163,323 ~32:19/03/2021

2023/08975 ~ Complete ~54:RELATIONAL PROFILING OF NETWORK CAPABLE DEVICES ~71:ECCENSCIA LLC, Sharjah Media City, Sharjah, United Arab Emirates ~72: JENSEN, Andrew;PINDZA, Edson~ 33:NL ~31:2033152 ~32:27/09/2022

2023/08974 ~ Complete ~54:FARMLAND SOIL MICROBIAL REMEDIATION METHOD ~71:Ningxia University, No.489, Helanshan West Road, Xixia District, Yinchuan City, Ningxia, 750021, People's Republic of China ~72: GUO, Wenjuan;HU, Jing;LI, Fengjun;WANG, Sicheng;ZHANG, Qimin;ZHAO, Yan~

2023/08977 ~ Complete ~54:SCREENING AND DOMESTICATION METHOD FOR HIGH TEMPERATURE RESISTANT STEINERNEMA CARPOCAPSAE AND APPLICATION THEREOF ~71:HUNAN ACADEMY OF FORESTRY, NO. 658, SHAOSHAN SOUTH ROAD, People's Republic of China ~72: DENG, Wan;HE, Zhen;LI, Mi;XIE, Yifei;YU, Jinxiu~

2023/08979 ~ Complete ~54:A ROAD CUTTING MECHANISM ~71:CCCC FIRST HIGHWAY ENGINEERING GROUP CO., LTD, Shitong Building A, Zhoujiajing, Guanzhuang, Chaoyang District, Beijing, 100015, People's Republic of China;THIRD ENGINEERING CO.,LTD OF CCCC FIRST HIGHWAY ENGINEERING GROUP, No. 10 Jingsheng North Third Street, Jinqiao Science and Technology Industrial Base, Tongzhou Park, Zhongguancun Science and Technology Park, Tongzhou District, Beijing, 102200, People's Republic of China ~72: Fei WANG;Jiulong LI;Kai WANG;Ruiqing ZHAO;Wei HAN;Xiaoguang ZHAO;Yanwei WU;Zheng FU;Zhongyang SU~

2023/08976 ~ Complete ~54:METHOD FOR GRAFTING BIG TREES FOR RAPID CROWN FORMATION ~71:Shandong Institute of Pomology, No.66 Longtan Road, Tai'an City, Shandong Province, People's Republic of China ~72: SHEN Guangning;SUN Xiaoli;TIAN Shoule;WANG Jinping~

2023/08984 ~ Complete ~54:PRE-FORMED SEALING MEMBRANE ~71:WALSH, Brian, 57 Sanctuary Place, Moseley, South Africa ~72: WALSH, Brian~ 33:ZA ~31:2022/09015 ~32:12/08/2022

2023/08986 ~ Complete ~54:MULTI-LAYER AMNIOTIC TISSUE GRAFTS AND USES THEREOF ~71:CELULARITY INC., 170 Park Avenue, Florham Park, United States of America ~72: BRIGIDO, Stephen A.;GOSIEWSKA, Anna;HARIRI, Robert J.;KUEHN, Adam;LONG, Desiree;MARTINEZ, Luis;SIVALENKA, Rajarajeswari;TRINKA, Amanda L.;WILK, Timothy F.~ 33:US ~31:63/174,280 ~32:13/04/2021;33:US ~31:63/267,820 ~32:10/02/2022

2023/08987 ~ Complete ~54:IMPROVED ELECTRODES FOR ENERGY STORAGE DEVICES ~71:LI-S ENERGY LIMITED, Level 27 10 Eagle Street Brisbane, Australia ~72: CHEN, Ying, Ian;FAN, Ye;YU, Baozhi~ 33:AU ~31:2021900777 ~32:17/03/2021;33:AU ~31:2021901368 ~32:07/05/2021

2023/08994 ~ Complete ~54:PIN ASSEMBLY OF AN ELECTRODE AND METHOD OF MANUFACTURING THE SAME ~71:ELYSIS LIMITED PARTNERSHIP, 1 Place Ville Marie, Suite 2323 Montreal, Canada ~72: MICKELSON, Larry;PRINCE, David;STEINER, William;YOCKEY, Steve~ 33:US ~31:63/165,406 ~32:24/03/2021

2023/09004 ~ Complete ~54:METHODS AND COMPOSITIONS FOR TREATING SLEEP APNEA ~71:Apnimed, Inc. (Delaware), 20 Holyoke Street, CAMBRIDGE 02138, MA, USA, United States of America ~72: FARKAS, Ronald;MILLER, Lawrence G.;TARANTO-MONTEMURRO, Luigi~ 33:US ~31:63/165,342 ~32:24/03/2021

2023/08990 ~ Complete ~54:METHODS FOR RECOMBINANT PROTEIN EXPRESSION IN EUKARYOTIC CELLS ~71:WAGENINGEN UNIVERSITEIT, Droevendaalsesteeg 4, Netherlands ~72: D'ADAMO, Sarah;GANTE DE VASCONCELOS BARBOSA, Maria João;SÜDFELD, Christian Andreas Klaus Birger;WIJFFELS, René Hubertus~ 33:EP ~31:21163793.9 ~32:19/03/2021

2023/08993 ~ Complete ~54:IMPROVED ELECTRODES FOR ENERGY STORAGE DEVICES ~71:LI-S ENERGY LIMITED, Level 27 10 Eagle Street Brisbane, Australia ~72: CHEN, Ying, Ian;FAN, Ye;YU, Baozhi~ 33:AU ~31:2021900777 ~32:17/03/2021;33:AU ~31:2021901368 ~32:07/05/2021

2023/09001 ~ Complete ~54:ABHD6 ANTAGONIST ~71:Ono Pharmaceutical Co., Ltd., 1-5, Doshomachi 2-chome, Chuo-ku, OSAKA-SHI 541-8526, OSAKA, JAPAN, Japan ~72: HYAKUTAKE, Ryuichi;MISU, Ryosuke;MORI, Shohei;NAGASHIMA, Nozomu;YOSHIDA, Atsushi~ 33:JP ~31:2021-062790 ~32:01/04/2021

2023/09002 ~ Complete ~54:MOTION VECTOR (MV) CONSTRAINTS AND TRANSFORM CONSTRAINTS IN VIDEO ENCODING ~71:Huawei Technologies Co., Ltd., Huawei Administration Building, Bantian, Longgang District, SHENZHEN 518129, GUANGDONG, CHINA (P.R.C.), People's Republic of China ~72: CHEN, Huanbang;YANG, Haitao~ 33:CN ~31:202110206726.0 ~32:24/02/2021

2023/09011 ~ Complete ~54:ELECTRONIC DEVICE AND OPERATION METHOD THEREFOR ~71:SAMSUNG ELECTRONICS CO., LTD., 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea ~72: JAEYOUNG HUH;KYUWON CHOI;TAEHUN KIM;YOUNGSUN LEE~ 33:KR ~31:10-2021-0051871 ~32:21/04/2021

2023/08991 ~ Complete ~54:ELECTROCARDIOGRAM COLLECTION SYSTEM AND METHOD, AND PREPARATION METHOD FOR ELECTROCARDIOGRAM COLLECTION SYSTEM ~71:THE SECOND MEDICAL CENTER OF CHINESE PLA GENERAL HOSPITAL, PLA General Hospital, 28 Fuxing Road, Haidian District, Beijing, 100853, People's Republic of China ~72: CAO, Feng;CAO, Ruihua;MIAO, Jialiang;WANG, Huiquan;WANG, Yabin~ 33:CN ~31:202110586314.4 ~32:27/05/2021

2023/08996 ~ Complete ~54:SUPPORTING COMPATIBILITY ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE-164 83, Sweden ~72: LU, Yunjie;YANG, Yong~ 33:CN ~31:PCT/CN2021/087020 ~32:13/04/2021

2023/09013 ~ Complete ~54:ENHANCED DIAZOTROPHIC MICROORGANISMS FOR USE IN AGRICULTURE ~71:BIOCONSORTIA, INC., 100 Cousteau Place, Suite 100, Davis, California, 95618, United States of America ~72: BETSY ALFORD;CHRISTOPHER ROBERT DUMIGAN;COURTNEY BROOKE REIMCHE;DAMIAN CURTIS;HONG ZHU;JOHN PATRICK MALIN;THOMAS ROGER WILLIAMS~ 33:US ~31:63/164,361 ~32:22/03/2021

2023/09006 ~ Complete ~54:CIRCULAR RNAS FOR DIAGNOSIS OF DEPRESSION AND PREDICTION OF RESPONSE TO ANTIDEPRESSANT TREATMENT ~71:The Board of Regents of the University of Texas System, 210 West 7th Street, AUSTIN 78701, TX, USA, United States of America;UNM Rainforest Innovations, 101 Broadway Blvd. NE, Suite 1100, Lobo Rainforest Building, ALBUQUERQUE 87102, NM, USA, United States of America ~72: MELLIOS, Nikolaos;TRIVEDI, Madhukar H.~ 33:US ~31:63/154,168 ~32:26/02/2021

2023/09012 ~ Complete ~54:DISPLAY STRUCTURE COMPRISING DIELECTRIC LAYER AND ELECTRONIC APPARATUS COMPRISING SAME ~71:SAMSUNG ELECTRONICS CO., LTD., 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea ~72: HOYEON KIM;JUNGCHUL AN;KWANGHEE RYU;SEONGJUN KIM;YOUNGJAE KWON~ 33:KR ~31:10-2021-0029309 ~32:05/03/2021;33:KR ~31:10-2021-0106174 ~32:11/08/2021;33:KR ~31:10-2021-0186462 ~32:23/12/2021

2023/09015 ~ Complete ~54:PREPARATION METHOD OF QUINOLINE DERIVATIVE COMPOUNDS ~71:ABIVAX, 7-11 Boulevard Haussmann, 75009, Paris, France;CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 3, rue Michel Ange, 75016, PARIS, France;INSTITUT CURIE, 26 rue d'Ulm, 75248, Paris Cedex 05, France;UNIVERSITE DE MONTPELLIER, 163 rue Auguste Broussonnet, 34090, Montpellier, France ~72: CHARLES GUERIN;FABIEN DE BLASIO;FLORENCE MAHUTEAU-BETZER;JÉRÔME DENIS;JULIEN MICHAUX;ROMAIN NAJMAN;THIERRY BOYER~ 33:EP ~31:21305384.6 ~32:26/03/2021

2023/09016 ~ Complete ~54:USE OF PPAR GAMMA AGONISTS OR MPC INHIBITORS FOR TREATING PRIMARY, INNATE DISEASES OF THE CARDIAC MUSCLE (CARDIOMYOPATHIES) ~71:PREVENTAGE THERAPEUTICS GMBH, Uhde-Bernays-Weg 6, 82319, Starnberg, Germany ~72: CORDULA WOLF~ 33:EP ~31:21165271.4 ~32:26/03/2021

2023/08980 ~ Complete ~54:A FOUNDATION PIT FENCE STRUCTURE ~71:CCCC FIRST HIGHWAY ENGINEERING GROUP CO., LTD, Shitong Building A, Zhoujiajing, Guanzhuang, Chaoyang District, Beijing, 100015, People's Republic of China;THIRD ENGINEERING CO.,LTD OF CCCC FIRST HIGHWAY ENGINEERING GROUP, No. 10 Jingsheng North Third Street, Jinqiao Science and Technology Industrial Base, Tongzhou Park, Zhongguancun Science and Technology Park, Tongzhou District, Beijing, 102200, People's Republic of China ~72: Fei WANG;Jiulong LI;Ruiqing ZHAO;Wei HAN;Xiaoguang ZHAO;Yanwei WU;Zheng FU;Zhongyang SU~

2023/08989 ~ Complete ~54:CLIENT FILTER VPN ~71:NETSWEEPER (BARBADOS) INC., L'Horizon, Gunsite Road, Brittons Hill, Barbados ~72: ERB, Jeremy D.;GORUK, James W.~ 33:US ~31:63/168,719 ~32:31/03/2021

2023/08998 ~ Complete ~54:COMPUTER-IMPLEMENTED METHOD AND SYSTEM FOR SCHEDULING PET WELLNESS ~71:ONEPLAN UNDERWRITING MANAGERS (PTY) LTD, 2nd Floor, South Tower, Nelson Mandela Square, Corner Maude & 5th Street, South Africa ~72: DESSINGTON, Nicole Roseline;OTTEN, Michael Robert~ 33:ZA ~31:2021/01311 ~32:26/02/2021

2023/09000 ~ Complete ~54:AIR DETECTION AND MEASUREMENT SYSTEM FOR FLUID INJECTOR ~71:Bayer HealthCare LLC, 100 Bayer Boulevard, WHIPPANY 07981, NJ, USA, United States of America ~72: BARONE, William;BROWN, Ronald;CAPONE, Christopher;LANG, Charles;PASTOR, Curtis;SWANTNER, Michael;WLODARCZYK, Jaroslaw~ 33:US ~31:63/154,184 ~32:26/02/2021

2023/09007 ~ Complete ~54:ANTI-CANCER NUCLEAR HORMONE RECEPTOR-TARGETING COMPOUNDS ~71:Nuvation Bio Inc., 1500 Broadway, Suite 1401, NEW YORK 10036, NY, USA, United States of America ~72: DARWISH, Ihab S.;HUNG, David;KANKANALA, Jayakanth;MILLER, Christopher Paul;PETTIGREW, Jeremy David;PHAM, Son Minh~ 33:US ~31:63/165,087 ~32:23/03/2021

2023/09010 ~ Complete ~54:STABLE MULTISPECIFIC MOLECULE AND USE THEREOF ~71:DAIICHI SANKYO COMPANY, LIMITED, 3-5-1, Nihonbashi Honcho, Chuo-ku, Tokyo, 1038426, Japan ~72: KENSUKE NAKAMURA;MAKIKO NAKAYAMA;RYOTA MATSUMOTO;SHINJI FURUZONO~ 33:JP ~31:2021-055375 ~32:29/03/2021;33:JP ~31:2021-157580 ~32:28/09/2021

2023/09014 ~ Complete ~54:CONVEYOR SYSTEM UNIT AND ENDLESS CONVEYOR SYSTEM ~71:METSO FINLAND OY, Rauhalanpuisto 9, Espoo, 02230, Finland ~72: LARS GRÖNVALL~ 33:EP ~31:21169906.1 ~32:22/04/2021

2023/09009 ~ Complete ~54:A CLASSIFIER AND A PULVERIZER COMPRISING THE CLASSIFIER AND A METHOD OF OPERATING THE PULVERIZER AND A USE OF THE CLASSIFIER ~71:General Electric Technology GmbH, Brown Boveri Strasse 8, BADEN 5400, SWITZERLAND, Switzerland ~72: ADITYA, Krishnendu;DAS, Kousik;INDRAGANTI, Satya Sai Ramchandra Rao~ 33:IN ~31:202111015682 ~32:01/04/2021

2023/09017 ~ Complete ~54:MRI COMPATIBLE INCUBATOR AND INCUBATION TRANSFER IMAGING SYSTEM ~71:Ningbo David Medical Device Co., Ltd., No. 2, Keyuan Road, Shipu Science Park, Xiangshan County, Ningbo, Zhejiang 315712, People's Republic of China ~72: Chen Zaihong;Li Hailei;Lin Yingjun;Tao Cheng;Wu Haixiao~ 33:CN ~31:202211116938.0 ~32:14/09/2022

2023/08978 ~ Complete ~54:A MOBILE COMMUNICATION DEVICE CONNECTED CURRENCY RECEIVING, ACCEPTING, CAPTURING, VERIFYING AND REJECTING APPARATUS ~71:DELLAS, James, 39 Flower Street, Australia ~72: DELLAS, James~ 33:AU ~31:2018904467 ~32:23/11/2018;33:AU ~31:2019902972 ~32:16/08/2019

2023/08999 ~ Complete ~54:INHIBITORS OF IL-11 OR IL-11RA FOR USE IN THE TREATMENT OF ABNORMAL UTERINE BLEEDING ~71:Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 1, LEVERKUSEN 51373, GERMANY, Germany ~72: ELLINGER, Philipp;FILARSKY, Katharina;FITTING, Jenny;GEHRMANN, Mathias;KARLSTETTER, Marcus;LESCHE, Ralf;MÄRSCH, Stephan;MÜLLER, Jörg;OBENDORF, Maik Stefan Wilhelm;SACHER, Frank;SMITH, Patrick Michael;TEBBE, Jan;TRAUTWEIN, Mark;VOTSMEIER, Christian;WEBER, Ernst~ 33:EP ~31:21159569.9 ~32:26/02/2021

2023/09005 ~ Complete ~54:NEW PROCESS FOR THE SYNTHESIS OF 5-{5-CHLORO-2-[(3S)-3-[(MORPHOLIN-4-YL)METHYL]-3,4-DIHYDROISOQUINOLINE-2(1H)-CARBONYL]PHENYL}-1,2-DIMETHYL-1H-PYRROLE-3-CARBOXYLIC ACID DERIVATIVES AND ITS APPLICATION FOR THE PRODUCTION OF PHARMACEUTICAL COMPOUNDS ~71:Les Laboratoires Servier, 35 rue de Verdun, SURESNES CEDEX 92284, FRANCE, France;Novartis AG, Lichtstrasse 35, BASEL 4056, SWITZERLAND, Switzerland ~72: PETHÖ, Bálint;PIN, Frédéric~ 33:EP ~31:21305366.3 ~32:24/03/2021

2023/08981 ~ Complete ~54:METHOD FOR OPERATING AN ELECTROLYSIS SYSTEM AND ELECTROLYSIS SYSTEM ~71:Linde GmbH, Dr.-Carl-von-Linde-Straße 6-14, PULLACH 82049 , GERMANY, Germany ~72: BIRK, Robert;DILLIG, Marius;MÜLLER-THORWART, Ole;WELLENHOFER, Anton;WOLF, Andreas~ 33:EP ~31:22020462.2 ~32:28/09/2022

2023/08992 ~ Complete ~54:BEADED SUBSTRATES FOR AEROSOL DELIVERY DEVICES ~71:NICOVENTURES TRADING LIMITED, Globe House, 1 Water Street, United Kingdom ~72: CLARK, Caroline W.;COMER, Tiffany;FORD, Kyle;MONSALUD, Luis~ 33:US ~31:63/163,318 ~32:19/03/2021

2023/08997 ~ Complete ~54:REMOTE AUTHORISATION ~71:ONEPLAN UNDERWRITING MANAGERS (PTY) LTD, 2nd Floor, South Tower, Nelson Mandela Square, Corner Maude & 5th Street, South Africa ~72: DESSINGTON, Nicole Roseline;OTTEN, Michael Robert~ 33:ZA ~31:2021/01384 ~32:01/03/2021

2023/09003 ~ Complete ~54:SYSTEM AND METHOD FOR THE REGENERATIVE THERMAL OXIDATION OF CRUDE GAS ~71:Dürr Systems AG, Stuttgart - Geschäftsadresse:, Carl-Benz-Straße 34, BIETIGHEIM-BISSINGEN 74321, GERMANY, Germany ~72: HAGEN, Matthias;WALDDÖRFER, Carsten~ 33:DE ~31:10 2021 107 533.5 ~32:25/03/2021

2023/09008 ~ Complete ~54:SPIROTETRAMAT COMPOSITIONS COMPRISING ADJUVANTS ~71:Adama Makhteshim Ltd., P. O. Box 60, BEER SHEVA 8410001, ISRAEL, Israel ~72: DAHAN, Yogev;FRIEDMAN, Jacob;NAIM, Noam Ben~ 33:US ~31:63/165,229 ~32:24/03/2021

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

Application Number	Assignor	Assignee
2005/03730	THE MEDICAL HOUSE LTD	SHL MEDICAL AG
2020/06311	MYLAN UK HEALTHCARE LTD. COALESCE PRODUCT DEVELOPMENT LIMITED	MCDERMOTT LABORATORIES LIMITED
2022/01137	CHONGQING UNIVERSITY OF SCIENCE AND TECHNOLOGY	CHONGQING HONGMENG TECHNOLOGY CO., LTD.

Application Number	Assignor	Assignee
2019/06209	MAGENTA THERAPEUTICS, INC.	EDIGENE BIOTECHNOLOGY, INC.
2021/02288	TEVA PHARMACEUTICAL INDUSTRIES, LTD.	FAMILY HEALTH INTERNATIONAL d/b/a FHI 360
2020/01537	TEVA PHARMACEUTICAL INDUSTRIES, LTD.	FAMILY HEALTH INTERNATIONAL d/b/a FHI 360
2021/10684	ENTX LIMITED	GENX ENERGY PTY LTD
2023/03865	ENLIVEN THERAPEUTICS, INC.	IGUANA MERGER SUB, INC.,
2012/05168	NORSK HYDRO ASA	SPEIRA GMBH
2010/00572	SHIONOGI & CO. LTD PURDUE PHARMA L.P.	PURDUE PHARMA L.P.
2011/00189	SHIONOGI & CO. LTD PURDUE PHARMA L.P.	PURDUE PHARMA L.P.
2012/01095	TESCAN ORSAY HOLDING, a.s.	TESCAN GROUP, a.s.
2012/01510	SCHLOSSER MICHAEL	ERIKA B-CURE LASER LTD
2022/11284	ZHENGZHOU RAILWAY VOCATIONAL AND TECHNICAL COLLEGE	HUANGHE SCIENCE AND TECHNOLOGY UNIVERSITY
2022/11056	NORTH CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY	TANGSHAN BAOYING INTELLIGENT EQUIPMENT CO., LTD
2022/1018	NORTH CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY	TANGSHAN BAOYING INTELLIGENT EQUIPMENT CO., LTD
2020/07151	DEUTSCHES KREBSFORRSCHUNGSZENTRUM and RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG	NOVARTIS PHARMA AG
2020/07151	NOVARTIS PHARMA AG	NOVARTIS AG
2019/07607	DEUTSCHES KREBSFORRSCHUNGSZENTRUM and RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG	NOVARTIS PHARMA AG
2019/07607	NOVARTIS PHARMA AG	NOVARTIS AG
2016/03380	DEUTSCHES KREBSFORRSCHUNGSZENTRUM and RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG	NOVARTIS PHARMA AG
2016/03380	NOVARTIS PHARMA AG	NOVARTIS AG
2021/05083	ENTX LIMITED	CARBONX DEVELOPMENTS PTY LTD
2020/06287	SOLENIS TECHNOLOGIES, L.P.	SOLENIS TECHNOLOGIES CAYMAN, L.P.
2016/05176	MERCK SHARP & DOHME CORP.	PFIZER INC and MERCK SHARP & DOHME LLC
2020/01154	INDUSTRIA INNOVATIONS PTE. LTD.	E. GREEN TRADING (PTY) LTD.
2019/07010	PALIAN (PTY)LTD	PALIAN MANUFACTURING (PTY) LTD
2020/01659	ATHENEX HK INNOVATIVE LIMITED	ATNX SPV, LLC
2021/06139	ATHENEX HK INNOVATIVE LIMITED	ATNX SPV, LLC
2021/09081	ANHUI UNIVERSITY OF SCIENCE AND TECHNOLOGY	ANHUI KEDAOXIN PRECISION EQUIPMENT CO., LTD.
2022/05210	WINKELMANN POWERTRAIN COMPONENTS GMBH & CO. KG	WINKELMANN FOUNDATION SCREW SP. Z O.O. UL.

Application Number	Assignor	Assignee
2022/04162	BEIJING XUANYI PHARMASCIENCES CO., LTD.	OD THERAPEUTICS LIMITED
2021/00844	FREETAIL TECHNOLOGIES LTD.	FREETAIL ACQUISITION LLC.
2022/10218	CARLISLE INDUSTRIAL BRAKE & FRICTION	CMBF, LLC
2022/06959	INTERDIGITAL VC HOLDINGS FRANCE	INTERDIGITAL CE PATENT HOLDINGS, SAS
2021/05301	ZHANG, PETER	SIRNAOMICS, INC.
2007/08651	HORIZON PHARMA RHEUMATOLOGY LLC	HORIZON THERAPEUTICS USA, INC.
2019/00919	BEIGENE, LTD.	BEIGENE SWITZERLAND GMBH
2011/07895	FRIEDRICH-ALEXANDER-UNIVERSITAT ERLANGEN-NURNBERG	FRAUNHOFER-GESWELLSCHAFT ZUR FORRUNG DER ANGEWANDTEN FORSCHUNG E.V. and DOLBY INTERNATIONAL AB
2018/06301	FMC CORPORATION	FMC NETHERLANDS HOLDINGS BV
2018/06301	FMC NETHERLANDS HOLDINGS BV	FMC AGRICULTURAL PRODUCTS INTERNATIONAL AG
2018/06301	FMC AGRICULTURAL PRODUCTS INTERNATIONAL AG	FMC AGRO SINGAPORE PTE. LTD.
2013/00172	METSO OUTOTEC BRASIL INDUSTRIA E COMERCIO LTDA.	METSO OUTOTEC USA INC.
2011/00382	METSO OUTOTEC BRASIL INDUSTRIA E COMERCIO LTDA.	METSO OUTOTEC USA INC.
2011/05575	METSO OUTOTEC BRASIL INDUSTRIA E COMERCIO LTDA.	METSO OUTOTEC USA INC.
2022/11654	SHANDONG XINGUANG PHOTOELECTRIC TECHNOLOGY CO., LTD.	JINAN SENFENG LASER TECHNOLOGY CO., LTD
2022/11714	SHANDONG XINGUANG PHOTOELECTRIC TECHNOLOGY CO., LTD.	JINAN SENFENG LASER TECHNOLOGY CO., LTD

CHANGE OF NAME IN TERMS OF REGULATION 39

Application Number	In the name of	New name
2009/06850	UBE INDUSTRIES, LTD.	UBE CORPORATION
2008/08505	UBE INDUSTRIES, LTD.	UBE CORPORATION
2016/04265	COMBE INTERNATIONAL LTD.	COMBE INTERNATIONAL LLC
2015/08631	CADILA HEALTHCARE LIMITED	ZYDUS LIFESCIENCES LIMITED
2016/01461	CADILA HEALTHCARE LIMITED	ZYDUS LIFESCIENCES LIMITED
2014/04640	SUPERIOR QUALITY PRODUCTS CC	SUPERIOR WATERPROOFING PRODUCTS (PTY) LTD
2013/01364	AMERICAN MANGANESE INC.	RECYCLICO BATTERY MATERIALS INC.
2018/06530	PHOSPLATIN THERAPEUTICS INC.	PROMONTORY THERAPEUTICS INC.
2007/08651	CREALTA PHARMACEUTICALS	HORIZON PHARMA RHEUMATOLOGY LLC

Application Number	In the name of	New name
	LLC	
2013/00172	METSO BRASIL INDUSTRIA E COMMERCIO LTDA.	METSO OUTOTEC BRASIL INDUSTRIA E COMMERCIO LTDA.
2011/00382	METSO BRASIL INDUSTRIA E COMMERCIO LTDA.	METSO OUTOTEC BRASIL INDUSTRIA E COMMERCIO LTDA.
2011/05575	METSO BRASIL INDUSTRIA E COMMERCIO LTDA.	METSO OUTOTEC BRASIL INDUSTRIA E COMMERCIO LTDA.

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
2022/11602	WITHDRAWN	08/09/2023
2022/12533	WITHDRAWN	23/08/2023
2022/09800	WITHDRAWN	31/08/2023

APPLICATION FOR RESTORATION OF A LAPSED PATENT

THE PATENTS ACT, No. 57 OF 1978

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

Notice is hereby given that **TRANSNET SOC LTD,** whose address for service is **TSHAYA MASHABELA, HATFIELD** has applied to the registrar for the restoration of Patent No **2020/07534** entitled **MULTIPIECE BOGIE,** dated **10/06/2019**, which lapsed on **30/09/2022** 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 **BIOXCEL THERAPEUTICS, INC.,** whose address for service is **ADAMS & ADAMS, PRETORIA** has applied to the registrar for the restoration of Patent No **2019/03442** entitled **A NOVEL APPROACH FOR TREATMENT OF CANCER USING IMMUNOMODULATION,** dated **18/07/2016**, which lapsed on **18/07/2019** 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

Notice is hereby given that **KROG, AUGUST WILHELM., 11 STANLEY STREET, FARRAMERE, BENONI** has offered to surrender South African Patent No: **2021/09777** is deemed to be revoked as of **06/08/2023.**

Any person may give notice of opposition to the voluntary surrender of the design within two months of the advertisement hereof.

APPLICATIONS TO AMEND SPECIFICATION

THE PATENTS ACT, 1978

APPLICATIONS TO AMEND SPECIFICATION

Applicant: Motion Metrics International Corp 101 -2389 Health Science Mall, VANCOUVER V6T 1Z3, BC, CANADA.
Request permission to amend the specification of letters patent no: **2017/08066** of **28/11/2017** for **METHOD AND APPARATUS FOR LOCATING A WEAR PART IN AN IMAGE OF AN OPERATING IMPLEMENT**.

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

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

Registrar of Patents

Applicant: Motion Metrics International Corp 101 -2389 Health Science Mall, VANCOUVER V6T 1Z3, BC, CANADA. Request permission to amend the specification of letters patent no: **2018/04286** of **126/06/2018** for **METHOD AND APPARATUS FOR IDENTIFYING FRAGMENTED MATERIAL PORTIONS WITHIN AN IMAGE**.

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

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

Registrar of Patents

Applicant: Motion Metrics International Corp 101 -2389 Health Science Mall, VANCOUVER V6T 1Z3, BC, CANADA. Request permission to amend the specification of letters patent no: **2020/07938** of **18/12/2020** for **METHOD, APPARATUS AND SYSTEM FOR MONITORING A CONDITION ASSOCIATED WITH OPERATING HEAVY EQUIPMENT SUCH AS A MINING SHOVEL OR EXCAVATOR**.

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

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

Registrar of Patents

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.

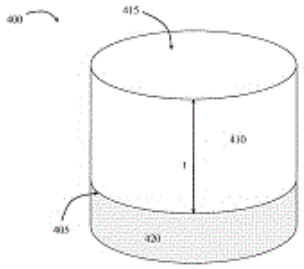
THE PATENTS ACT, 1978 (ACT NO. 57 OF 1978)

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.

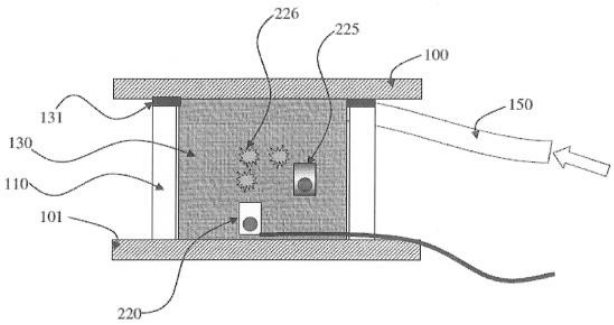
The numerical references denote the following: **(21)** Number of application. **(22)** Date of application. **(DA)** Date of acceptance. **(51)** Class. **(71)** Name of applicant(s). **(72)** Name of all inventors. **(33)** Country. **(31)** Number and **(32)** Date of convention application. **(54)** Title of invention. **(00)** Number of sheets.

Registrar of Patents

21: 2014/04420. 22: 2014/06/17. 43: 2023/06/30
51: B24D; E21B
71: SMITH INTERNATIONAL INC.
72: RONALD K EYRE, YUELIN SHEN, YOUHE ZHANG, YURI BURHAN, JIBIN SHI, DANIEL J BELNAP
33: US 31: 61/581,707 32: 2011-12-30
33: US 31: 13/719,326 32: 2012-12-19
54: SOLID PCD CUTTER
00: -
A method of forming a cutting element may include placing a plurality of diamond particles adjacent to a substrate in a reaction cell; and subjecting the plurality of diamond particles to high pressure high temperature conditions to form a polycrystalline diamond body; wherein the polycrystalline diamond body comprises a cutting face area to thickness ratio ranging from 60:16 to 500:5; and wherein the polycrystalline diamond body has at least one dimension greater than 8 mm.



21: 2014/05169. 22: 2014/07/14. 43: 2023/07/18
51: E21D
71: STITCH WISE (PTY) LTD
72: KILLASSY, Natalie, ELVIN, Alex
33: ZA 31: 2013/02636 32: 2013-04-12
54: A METHOD OF INSTALLING AN UNDERGROUND MINE SUPPORT
00: -
The invention relates to a method of installing an underground mine support that comprises a container operatively located between a hanging wall and a foot wall of a mine and filled with a filler material containing a mixture of a particulate material and a fluid, the method including filling the container with filler material and compacting the filler material within the container during or after the filling.

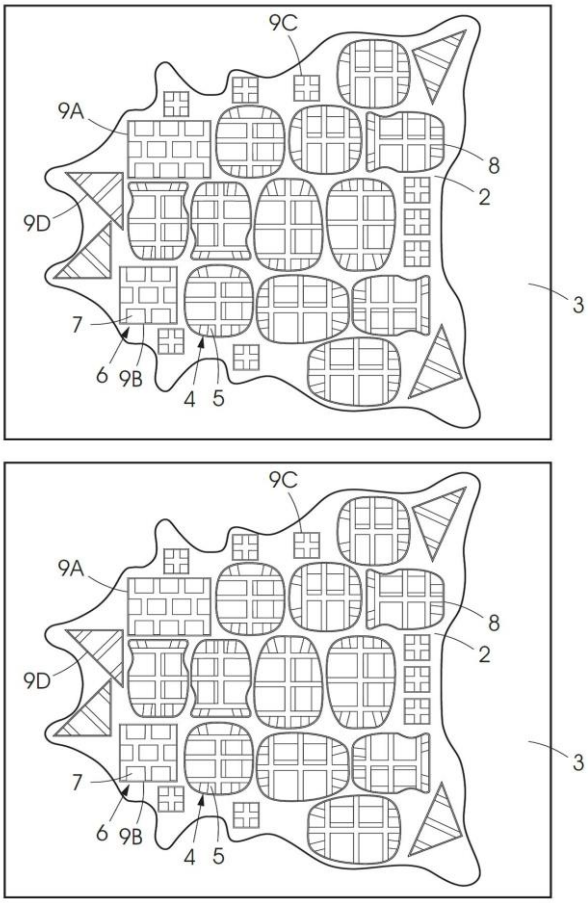


21: 2015/05114. 22: 2015/07/16. 43: 2023/07/25
51: A61K
71: MINERVA NEUROSCIENCES, INC.
72: PELLEGRINI, LORENZO, KARABELAS, ARGERIS, LUTHRINGER, REMY
33: US 31: 61/852,149 32: 2013-03-15
33: US 31: 61/756,208 32: 2013-01-24
33: US 31: 61/799,482 32: 2013-03-15
54: USE OF PHENOXYPROPYLAMINE COMPOUNDS TO TREAT DEPRESSION
00: -
Disclosed herein are compositions and methods for treating depression using compositions comprising a compound of formula I. Disclosed herein are compositions and methods for treating depression using compositions comprising phenoxypropylamine compounds and derivatives having selective affinity for and antagonistic activity against the 5-HT1A receptor, as well as 5-HT reuptake inhibitory activity. In addition, compositions and methods for treating depression using compositions comprising a compound of formula II are disclosed. Methods of treating or diminishing at least one symptom of depression in a human subject with a composition comprising a compound of the formula (I) or formula (II), or a pharmaceutically acceptable salt, hydrate, or solvate thereof, are also disclosed.

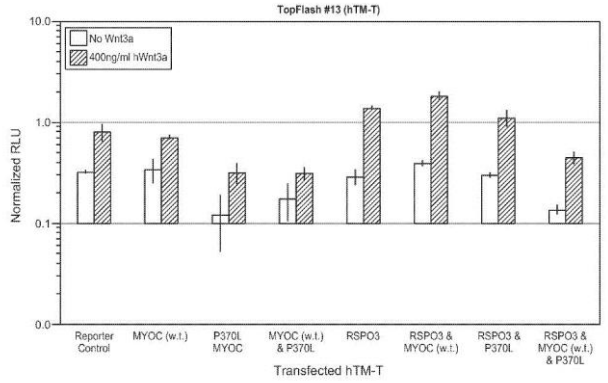
21: 2015/07218. 22: 2015/09/29. 43: 2023/06/22
51: A61K
71: IONIS PHARMACEUTICALS, INC
72: PRAKASH, Thazha, P., SETH, Punit, P., SWAYZE, Eric, E., GRAHAM, Mark, J.
33: US 31: 61/818,442 32: 2013-05-01
33: US 31: 61/823,826 32: 2013-05-15
33: US 31: 61/843,887 32: 2013-07-08
33: US 31: 61/871,673 32: 2013-08-29
33: US 31: 61/880,790 32: 2013-09-20
33: US 31: 61/976,991 32: 2014-04-08
33: US 31: 61/986,867 32: 2014-04-30
54: COMPOSITINS AND METHODS FOR MODULATING APOLIPOPROTEIN C-III EXPRESSION
00: -
Provided herein are oligomeric compounds with conjugate groups targeting apoplipoprotein C-III (ApoCIII). In certain embodiments, the ApoCIII targeting oligomeric compounds are conjugated to N-Acetylgalactosamine. Also disclosed herein are conjugated oligomeric compounds targeting ApoCIII for use in decreasing ApoCIII to treat, prevent, or ameliorate diseases, disorders or conditions related to ApoCIII. Certain diseases, disorders or conditions related to ApoCIII include inflammatory, cardiovascular and/or metabolic diseases, disorders or conditions. The conjugated oligomeric compounds disclosed herein can be used to treat such diseases, disorders or conditions in an individual in need thereof.

21: 2016/01175. 22: 2016/02/22. 43: 2023/07/11
51: B01J C07D
71: BASF SE, DOW GLOBAL TECHNOLOGIES LLC
72: PARVULESCU, Andrei-Nicolae, MÜLLER, Ulrich, TELES, Joaquim, Henrique, SEELIG, Bianca, KAMPE, Philip, WEBER, Markus, RESCH, Peter, BARTOSCH, Christian, RIEDEL, Dominic, URBANCZYK, Daniel, SCHRÖDER, Alexander, WEGERLE, Ulrike
33: EP 31: 13177916.7 32: 2013-07-24
54: REGENERATION OF A TITANIUM CONTAINING ZEOLITE
00: -
The present invention relates to a process for the regeneration of a catalyst comprising a titanium-containing zeolite, said catalyst having been used in a process for the preparation of an olefin oxide and having phosphate deposited thereon, said process for the regeneration comprising the steps: (a) separating the reaction mixture from the catalyst, (b) washing the catalyst obtained from (a) with liquid aqueous system; (c) optionally drying the catalyst obtained from (b) in a gas stream comprising an inert gas at a temperature of less than 300 °C; (d) calcining the catalyst obtained from (c) in a gas stream comprising oxygen at a temperature of at least 300 °C.

21: 2016/07949. 22: 2016/11/17. 43: 2023/07/18
51: C14B
71: LARGATZIS, Alexander Johannis
72: LARGATZIS, Alexander Johannis
54: A LEATHER PRODUCT AND A METHOD OF CREATING IT
00: -
Disclosed is a method of creating a leather product which includes cutting as much as possible premium leather pieces from a hide, cutting as many as possible sub-premium leather from the remainder of the hide, separating the premium and sub-premium leather pieces, arranging the sub-premium leather pieces to form a continuous sheet with a consistent width, securing adjoining pieces of the sub-premium leather pieces that are so arranged together. Also disclosed is a leather product manufactured according to the method.



21: 2017/01881. 22: 2017/03/16. 43: 2023/08/07
51: A61K; C07K; C12N
71: GENZYME CORPORATION
72: PECHAN, Peter, SCARIA, Abraham, ARDINGER, Jeffery
33: US 31: 62/051,299 32: 2014-09-16
54: ADENO-ASSOCIATED VIRAL VECTORS FOR TREATING MYOCILIN (MYOC) GLAUCOMA
00: -
Provided herein are methods for treating myocilin (MYOC) glaucoma using adeno-associated viral (AAV) vectors. In some aspects, the AAV vectors encode R-spondin 1 (RSPO1), R-spondin 2 (RSPO2), R-spondin 3 (RSPO3) or R-spondin 4 (RSPO4) and/or RNAi that targets myocilin (MYOC). In one aspect, viral particles are administered to the eye of a human subject. Viral particles encoding RSPO1, RSPO2, RSPO3 and/or RSPO4 and/or MYOC RNAi are contemplated. In some aspects, variant AAV2 particles that transduce the trabecular meshwork are provided.



21: 2017/05186. 22: 2017/08/01. 43: 2023/07/18
51: G08B
71: AMECOR (PTY) LTD
72: VIEIRA, Keith Andrew
33: ZA 31: 2016/06151 32: 2016-09-06
54: ALARM SYSTEM COMMUNICATION DEVICE
00: -
The invention relates to a hybrid communication device for an alarm system that includes dual communication means comprising a VHF radio transmitter and mobile telephone network communicator, being configured selectively use either or both thereof depending on, amongst other factors, a predeterminable classification of alarm events.

21: 2018/05018. 22: 2018/07/25. 43: 2023/08/25
51: H04L
71: NCHAIN HOLDINGS LIMITED
72: WRIGHT, Craig Steven
33: GB 31: 1603118.9 32: 2016-02-23
54: REACTIVE AND PRE-EMPTIVE SECURITY SYSTEM FOR THE PROTECTION OF COMPUTER NETWORKS & SYSTEMS
00: -
The invention provides mechanisms for enhancing the security and protection of a computer-based system or network. It relates, in part, to the use of a decoy (which may be termed "honeypot" or "honeynet") for collecting attacker-related data, and/or diverting malicious behaviour away from legitimate resources. In one embodiment, the invention provides a method comprising the steps of receiving, processing and logging network traffic data of a plurality of users, where the network traffic is received from a plurality of participating users; determining an attacker profile from the network traffic data; determining a honeypot or honeynet configuration based on the attacker profile; and upon receipt of a valid information request from a user of the plurality of users, providing the determined attacker profile and configuration to the user. Additionally or alternatively, it may provide a computer-implemented method comprising the steps of receiving, processing and logging network traffic data; based on processed network traffic data: determining that network traffic originates from an attacker, determining a risk classification; and determining a decoy configuration based on the risk classification; upon receipt of a valid information request from a user, providing the determined risk classification and decoy configuration to the user.

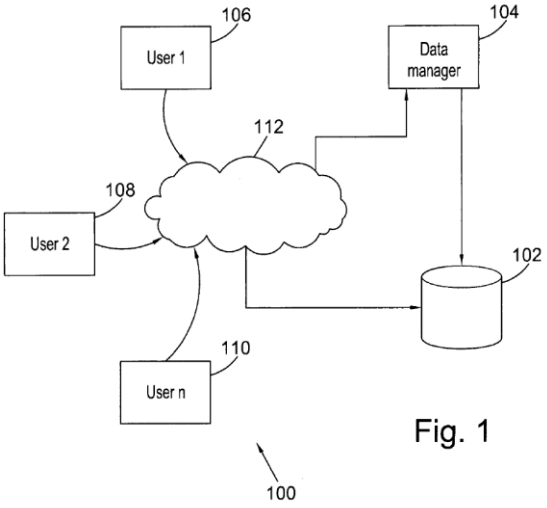
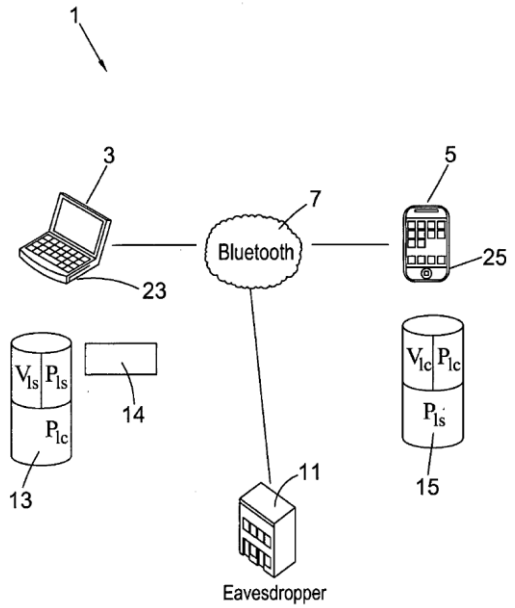


Fig. 1

21: 2018/05033. 22: 2018/07/26. 43: 2023/08/25
51: G06Q
71: NCHAIN HOLDINGS LIMITED
72: WRIGHT, Craig Steven, SAVANAH, Stephane
33: GB 31: 1603123.9 32: 2016-02-23
33: GB 31: 1603125.4 32: 2016-02-23
54: BLOCKCHAIN-BASED EXCHANGE WITH TOKENISATION
00: -
The invention provides a secure method for exchanging entities via a blockchain. The invention incorporates tokenisation techniques, and also techniques for embedding metadata in a redeem script of a blockchain transaction. Embodiment(s) provide a computer implemented method of performing an exchange of entities, the method

comprising: receiving, from a first user over a communications network, a first invitation to perform the exchange, the first invitation comprising a first set of metadata associated with the invitation, wherein the first set of metadata comprises an indication of entities to be exchanged and a first set of conditions for the exchange; generating a first script, the first script comprising: the first set of metadata, a first user public key (P1A) associated with the first user, wherein the first user public key (P1A) is a cryptographic pair with a first user private key (V1A), and a first third-party public key (P1T) associated with a first third-party, wherein the first third-party public key (P1T) is a cryptographic pair with a first third-party private key (V1T); hashing the first script to generate a first script hash; publishing the first script and the first script hash on a distributed hash table (DHT) distributed across a first network; and broadcasting, on a second network, a first invitation transaction for inclusion on a peer-to-peer (P2P) distributed ledger, the first invitation transaction comprising an indication of a first quantity of a cryptocurrency to be transferred and the first script hash.



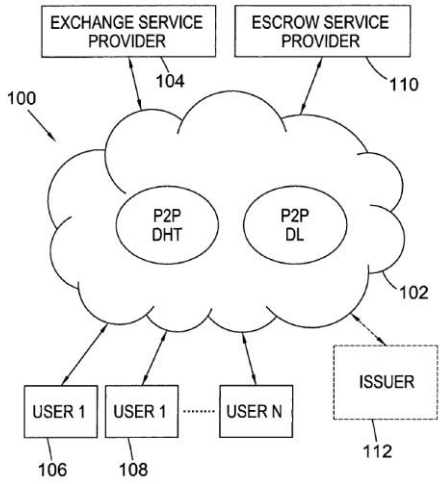
21: 2018/05049. 22: 2018/07/26. 43: 2023/05/17
51: G06Q
71: NCHAIN HOLDINGS LIMITED
72: WRIGHT, Craig Steven, SAVANAH, Stephane
33: GB 31: 1603123.9 32: 2016-02-23
33: GB 31: 1603125.4 32: 2016-02-23
33: GB 31: 1604244.2 32: 2016-03-11

54: METHODS AND SYSTEMS FOR THE EFFICIENT TRANSFER OF ENTITIES ON A BLOCKCHAIN

00: -

The invention relates to blockchain technologies such as the Bitcoin ledger, and for the control and performance of secure, efficient exchanges conducted via the blockchain. It comprises tokenisation techniques and methods for embedding metadata in a blockchain transaction. It provides a computer implemented method for performing a transfer, the method comprising scanning entries in a distributed hash table (DHT) distributed across a first network, the DHT comprising a plurality of entries, each entry comprising an invitation to perform an exchange and a link to a transaction on a peer-to-peer (P2P) distributed ledger distributed across a second network, each invitation including metadata comprising an indication of entities to be exchanged and one or more conditions for the exchange; determining a match between a first set of metadata in a first invitation of a first entry from a first user and a second set of metadata in a second invitation of a second entry from a second user, the determining comprising: identifying a match between indications of entities to be exchanged in the first and second invitations; and identifying a match between one or more of the conditions of the first invitation and one or more of the conditions of the second invitation; generating a first exchange transaction; and broadcasting, over the second network, the first exchange transaction for inclusion on a P2P distributed ledger, wherein the first exchange transaction comprises: an indication of a first quantity of a cryptocurrency to be transferred; a first input provided from an output of a transaction on the P2P distributed ledger linked to the first entry; a first script, a first user private key associated with the first user, a first third-party private key associated with a first third-party, wherein the first script comprises: the first set of metadata, a first user public key associated with the first user, the first user public key being a cryptographic pair with the first user private key, and a first third-party public key pair associated with the first third-party, the first third-party public key being a cryptographic pair with the first third-party private key and a first output

indicating a transfer of a first quantity of the first entity from the first user to the second user

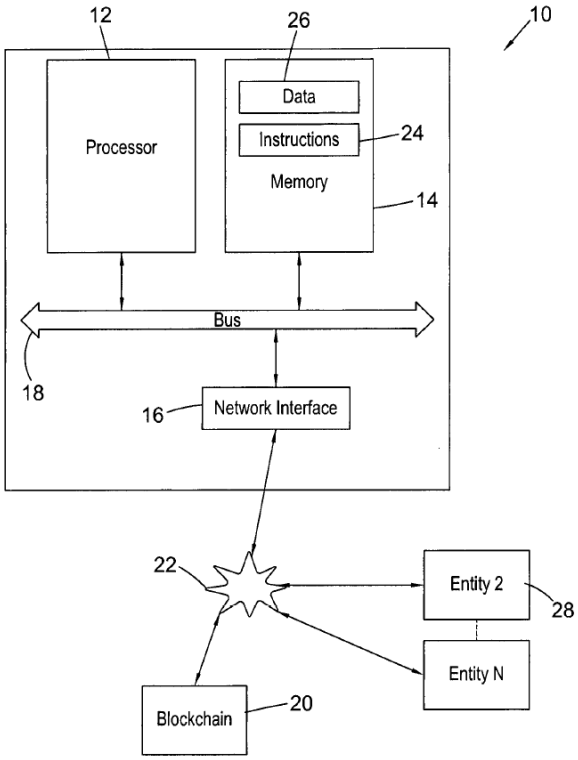


21: 2018/05050. 22: 2018/07/26. 43: 2023/08/25
51: H04L
71: NCHAIN HOLDINGS LIMITED
72: WRIGHT, Craig Steven
33: GB 31: 1603117.1 32: 2016-02-23
33: GB 31: 1604497.6 32: 2016-03-16
33: GB 31: 1619301.3 32: 2016-11-15

54: CRYPTOGRAPHIC METHOD AND SYSTEM FOR SECURE EXTRACTION OF DATA FROM A BLOCKCHAIN

00: -

The invention relates generally to cryptographic techniques for secure processing, transmission and exchange of data. It also relates to peer-to-peer distributed ledgers such as (but not limited to) the Bitcoin blockchain. In particular, it relates to control solutions for identifying, protecting, extracting, transmitting and updating data in a cryptographically controlled and secure manner. It also relates to system inter- operability and the ability to communicate data between different and distinct computing systems. The invention provides a computer implemented method (and corresponding systems) comprising the steps of identifying a set of first structure public keys comprising at least one public root key associated with a first structure of interest of an entity and one or more associated public sub-keys; deriving a deterministic association between the at least one public root key and the one or more associated public sub-keys; and extracting data from a plurality of transactions (TXs) from a blockchain. The data comprises data indicative of a blockchain transaction (Tx) between the first structure and at least one further structure; and a first structure public key associated with the first structure. The first structure public key is part of a cryptographic public/private key. The method includes the step of generating an output for the first structure of interest by matching at least part of the set of first structure public keys to the extracted transaction data using the deterministic association. The one or more public sub-keys is generated or determined using Elliptic Curve Cryptography (ECC) and a deterministic key (DK) that is based on a cryptographic hash of a message (M). The one or more public sub-keys is determined based on a scalar addition of an associated public parent key and the scalar multiplication of a deterministic key (DK) and a generator (G).



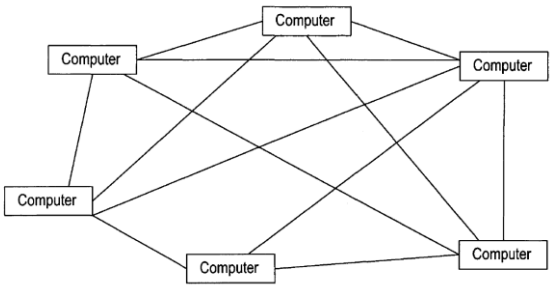
21: 2018/05062. 22: 2018/07/27. 43: 2023/08/25
51: G06N; G06Q
71: NCHAIN HOLDINGS LIMITED
72: WRIGHT, Craig Steven, SAVANAH, Stephane
33: GB 31: 1603117.1 32: 2016-02-23
33: GB 31: 1603123.9 32: 2016-02-23
33: GB 31: 1603114.8 32: 2016-02-23

33: GB 31: 1603125.4 32: 2016-02-23
33: GB 31: 1604225.1 32: 2016-03-11
33: GB 31: 1605571.7 32: 2016-04-01
33: GB 31: 1606630.0 32: 2016-04-15
33: GB 31: 1607249.8 32: 2016-04-26
33: GB 31: 1619301.3 32: 2016-11-15

54: TOKENISATION METHOD AND SYSTEM FOR IMPLEMENTING EXCHANGES ON A BLOCKCHAIN

00: -

In accordance with the invention there may be provided a method and corresponding system for controlling the performance of a process conducted via a blockchain. The blockchain may or may not be the Bitcoin blockchain. The process may be a lending process. Advantageously, the invention provides a mechanism which enables the ultimate owner of a property or other asset to borrow funds against that asset, and sets out how this can be achieved in a manner which does not require the return to the investor(s) to be determined through the payment of interest. This makes it compliant with non-interest forms of lending. The invention provides a blockchain-implemented method (and corresponding system) of embedding data in a blockchain transaction (Tx). The method comprises the steps of deriving a public-key-private key cryptographic pair for the data; deriving a signature for the data using the public key-private key cryptographic pair; codifying the data to generate codified metadata for the data. The codified metadata is transmitted to the blockchain in a transaction. A signature is received and a script from at least one user to enable access to the embedded data. The script comprises a public key of a signatory. The metadata comprises a hash of the data and a pointer to the data so that it can be located. The hash is used as a primary key in a lookup table where the data is stored.



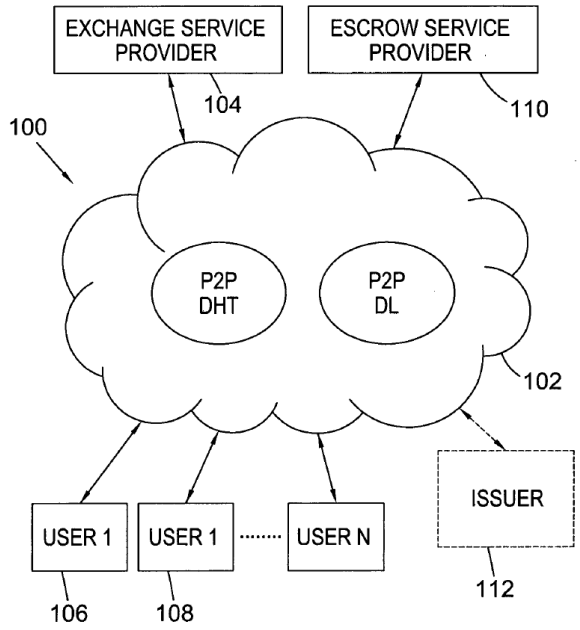
21: 2018/05063. 22: 2018/07/27. 43: 2023/08/25
51: G06Q
71: NCHAIN HOLDINGS LIMITED
72: WRIGHT, Craig Steven, SAVANAH, Stephane
33: GB 31: 1603123.9 32: 2016-02-23
33: GB 31: 1603125.4 32: 2016-02-23
33: GB 31: 1604493.5 32: 2016-03-16

54: METHODS AND SYSTEMS FOR EFFICIENT TRANSFER OF ENTITIES ON A PEER-TO-PEER DISTRIBUTED LEDGER USING THE BLOCKCHAIN

00: -

The invention provides a secure method for exchanging entities via a blockchain. The invention incorporates tokenisation techniques, and also techniques for embedding metadata in a redeem script of a blockchain transaction. Embodiment(s) provide a computer implemented method of performing a transfer, the method comprising: generating a first exchange transaction, and broadcasting, over a first network, the first exchange transaction for inclusion on a P2P distributed ledger, wherein the first exchange transaction comprises: an indication of a first quantity of a cryptocurrency to be transferred; a first input provided from an output of a first invitation transaction from a first user, the first invitation transaction previously included on the P2P distributed ledger, a first script, a first user private key associated with the first user, a first third- party private key associated with a first third-party, and a first output indicating a transfer of a first entity from the first user to a second user; and wherein the first script comprises: a first set of metadata providing an indication of the first entity to be transferred and a first set of conditions for the transfer, a first user public key associated with the first user, the first user public key being a cryptographic pair with the first user private key, and a first third-party public key associated with the first third-party, the first third-

party public key being a cryptographic pair with the first third-party private key.

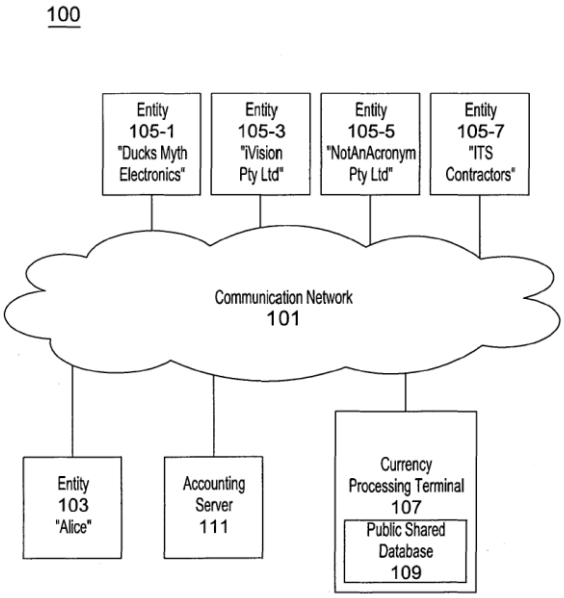


21: 2018/05076. 22: 2018/07/27. 43: 2023/08/25
51: G06Q
71: NCHAIN HOLDINGS LIMITED
72: WRIGHT, Craig Steven, SAVANAH, Stephane
33: GB 31: 1603117.1 32: 2016-02-23
33: GB 31: 1604498.4 32: 2016-03-16
33: GB 31: 1619301.3 32: 2016-11-15

54: CONSOLIDATED BLOCKCHAIN-BASED DATA TRANSFER CONTROL METHOD AND SYSTEM

00: -

The invention relates to blockchain technologies such as, for example, the Bitcoin blockchain. It provides a method (and corresponding system) of generating public keys for a linked structure of entities, wherein a function is applied to a deterministic key to generate the public key, the deterministic key being generated by applying a hash function to either a parent entity identifier to generate a parent deterministic key, or to a sum of the parent deterministic key and a child entity identifier to generate a child deterministic key. There is also provided a computer-implemented method for accounting on transactions with entities, the transaction being recorded in a peer-to- peer distributed ledger (blockchain), the method comprising: associating public addresses of the entities with one or more identifiers of a first classification type to classify the public addresses based on the first classification type; receiving, from a communication network, a first identifier of the one or more identifiers of the first classification type; determining a first set of public addresses associated with the first identifier, wherein the first set of public address is a subset of the public addresses; and determining a first set of transactions in the peer-to-peer distributed ledger based on the first set of public addresses associated with the first identifier, wherein the first set of transactions is a subset of the transactions.



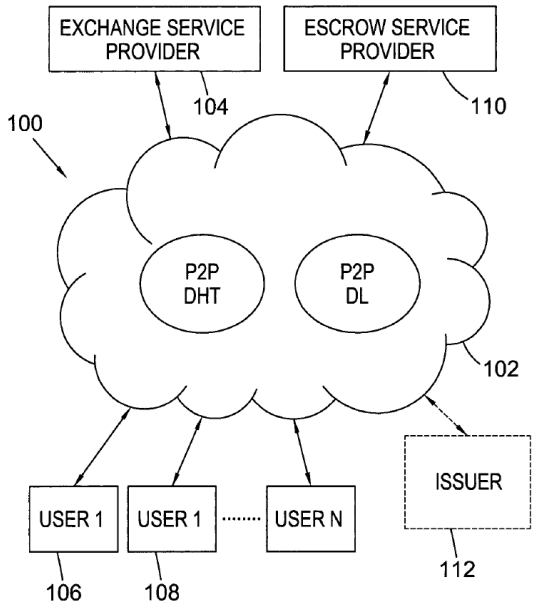
21: 2018/05085. 22: 2018/07/27. 43: 2023/08/25
51: G06Q
71: NCHAIN HOLDINGS LIMITED
72: WRIGHT, Craig Steven, SAVANAH, Stephane
33: GB 31: 1603123.9 32: 2016-02-23
33: GB 31: 1603125.4 32: 2016-02-23
33: GB 31: 1607063.3 32: 2016-04-22

54: A METHOD AND SYSTEM FOR THE SECURE TRANSFER OF ENTITIES ON A BLOCKCHAIN

00: -

The invention provides a secure method for exchanging entities via a blockchain. The invention incorporates tokenisation techniques, and also techniques for embedding metadata in a redeem script of a blockchain transaction. Embodiment(s) provide a method of: generating a first script, the first script comprising: a first set of metadata associated

with a first invitation for the exchange of a first entity by a first user, the first set of metadata comprising an indication of the first entity to be offered for exchange and a first location condition for the exchange, a first user public key (P1A) associated with the first user, wherein the first user public key (P1A) is part of an asymmetric cryptographic pair comprising the first user public key (P1A) and a first user private key (V1A). The script may further comprise a first third-party public key (P1T) associated with a first third-party, wherein the first third-party public key (P1T) is part of an asymmetric cryptographic pair comprising the first third-party public key (P1T) and a first third-party private key (V1T) The method further comprises the steps of hashing the first script to generate a first script hash and publishing the first script and the first script hash on a distributed hash table (DHT).

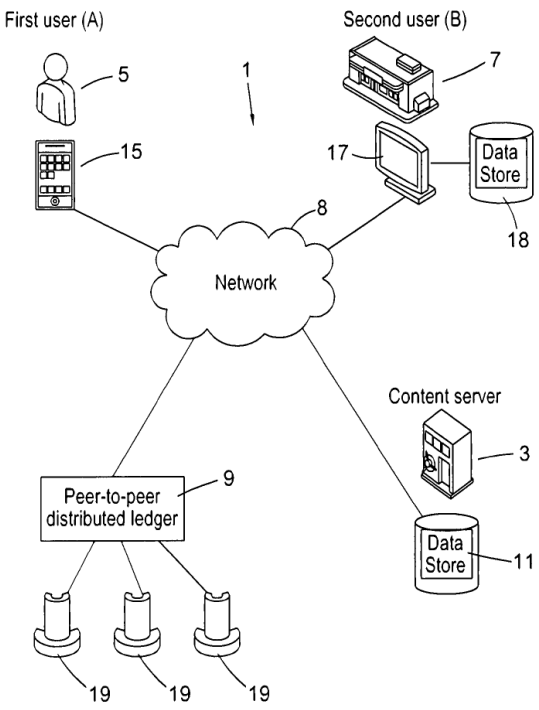


21: 2018/05086. 22: 2018/07/27. 43: 2023/08/25
51: H04L
71: NCHAIN HOLDINGS LIMITED
72: WRIGHT, Craig Steven, SAVANAH, Stephane
33: GB 31: 1603117.1 32: 2016-02-23
33: GB 31: 1607484.1 32: 2016-04-29
33: GB 31: 1619301.3 32: 2016-11-15

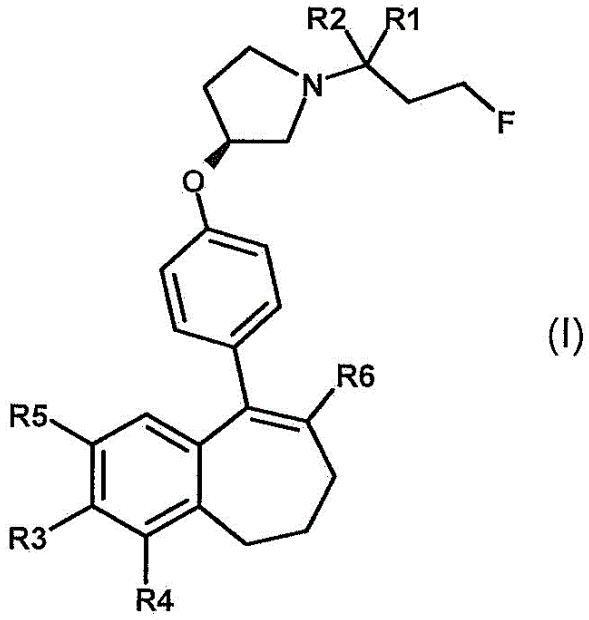
54: BLOCKCHAIN-IMPLEMENTED METHOD FOR CONTROL AND DISTRIBUTION OF DIGITAL CONTENT

00: -

The disclosure relates to a blockchain-implemented system and method of controlling the transmission and/or distribution of digital content. In an illustrative embodiment, the blockchain is the Bitcoin blockchain. The first user (5) is associated with a deposit quantity of cryptocurrency at a common address (23), wherein to spend from the common address requires signatures of both a first private key of the first user (5) and a second private key of the second user (7). The system (1) comprises a first node (15) and a second node (17).- The first node (15) is associated with a first user (5) comprising a first processing device configured to: (A) send, over a communications network (8), a request to the second node (17) to provide an episode of digital content from a series of digital content; (B) determine a payment transaction (27) to transfer from a common address (23) a payment quantity of cryptocurrency to the second user (7), wherein the payment quantity of cryptocurrency is based on a quantity of episodes of digital content in the series of digital content requested by the first user (5); and (C) sign, with the first private key (V), the payment transaction (27) and subsequently send the payment transaction (27) to the second node (17). The second node (17) is associated with the second user (7) comprising a second processing device configured to: (I) receive, over the communications network (8), the request from the first node (15) to provide the episode of digital content and the payment transaction (27), signed with the first private key; (II) verify the payment transaction, comprising verifying that the payment transaction includes the payment quantity of cryptocurrency to the second user (7), and based on the result of verifying the second processing device is further configured to: (III) provide access, over the communications network (8), to the episode of digital content (i) to be available to the first node (15); and (IV) co-sign, with the second private key of the second user (5), the payment transaction and send the co-signed payment transaction to a distributed ledger (blockchain) (9).

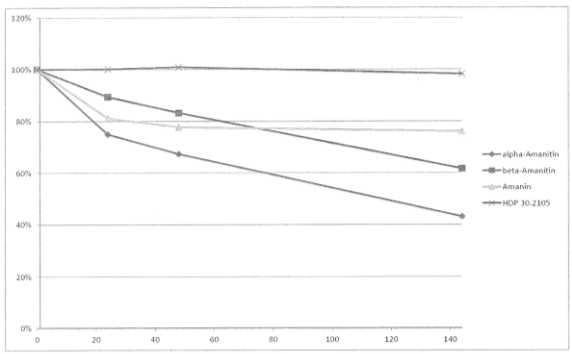


21: 2018/05137. 22: 2018/07/31. 43: 2023/09/13
51: A61K; C07D; A61P
71: SANOFI
72: BROLLO, Maurice, CERTAL, Victor, EL-AHMAD, Youssef, FILOCHE-ROMMÉ, Bruno, HALLEY, Frank, MCCORT, Gary, SCHIO, Laurent, TABART, Michel, TERRIER, Corinne, THOMPSON, Fabienne, BOUABOULA, Monsif
33: EP 31: 16305174.1 32: 2016-02-15
54: 6,7-DIHYDRO-5H-BENZO[7]ANNULENE DERIVATIVES AS ESTROGEN RECEPTOR MODULATORS
00: -
The present invention relates to compounds of formula (I): wherein R1 and R2 represent hydrogen or deuterium atoms; R3 represents a hydrogen atom or a -COOH, a -OH or a -OPO(OH)2 group; R4 represents a hydrogen atom or a fluorine atom; R5 represents a hydrogen atom or a -OH group; wherein at least one of R3 or R5 is different from a hydrogen atom; when R3 represents a -COOH, -OH or -OPO(OH)2 group, then R5 represents a hydrogen atom; when R5 represents a -OH group, then R3 and R4 represent hydrogen atoms; and R6 is selected from an optionally substituted phenyl, heteroaryl, cycloalkyl or heterocycloalkyl group. The invention also relates to the preparation and to the therapeutic uses of the compounds of formula (I) as inhibitors and degraders of estrogen receptors, useful especially in the treatment of cancer.

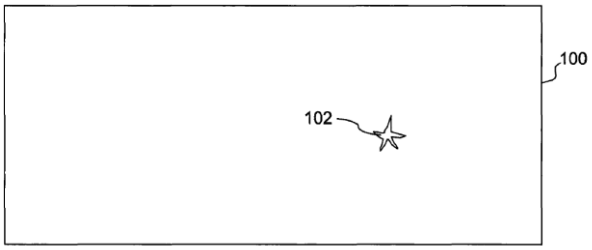


(I)

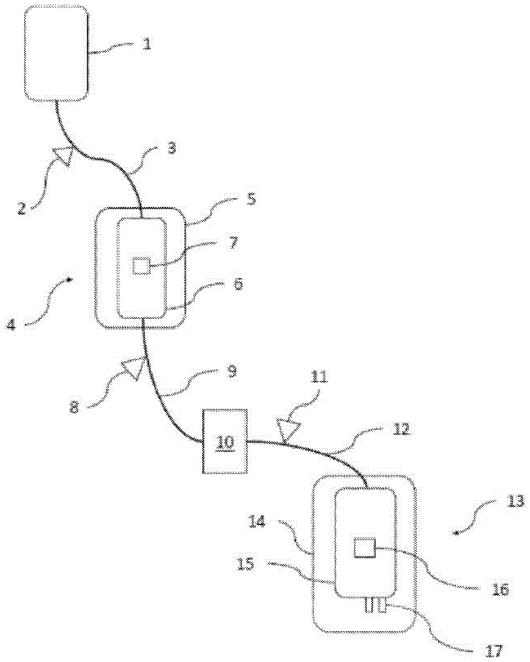
21: 2018/05336. 22: 2018/08/10. 43: 2023/04/05
51: A61K; A61P
71: HEIDELBERG PHARMA RESEARCH GMBH
72: LUTZ, Christian, ANDERL, Jan, MÜLLER, Christoph, SIMON, Werner, WERNER-SIMON, Susanne, HECHLER, Torsten, KULKE, Michael
33: EP 31: 16000511.2 32: 2016-03-03
54: AMANITIN CONJUGATES
00: -
The invention relates to a conjugate comprising (a) an amatoxin comprising (i) an amino acid 4 with a 6'-deoxy position; and (ii) an amino acid 8 with an S-deoxy position; (b) a target-binding moiety; and (c) optionally a linker linking said amatoxin and said target-binding moiety. The invention furthermore relates to a pharmaceutical composition comprising such conjugate.



21: 2018/06995. 22: 2018/10/19. 43: 2023/08/25
51: G06T
71: BELRON INTERNATIONAL LIMITED
72: HANSEN, Mark, HALES, Ian, FAROOQ, Abdul, SMITH, Melvyn, DANIEL, Gwen
33: GB 31: 1608455.0 32: 2016-05-13
54: BREAK ANALYSIS APPARATUS AND METHOD
00: -
A method and apparatus are disclosed which enable the analysis of a break in a vehicle glazing panel without the attendance of a technician, the method and apparatus utilize capturing an image of the break and processing the image of the break to enable the suitability for repair or replacement of the glazing panel to be determined.



21: 2018/07499. 22: 2018/11/08. 43: 2023/09/12
51: A61K; A61L
71: HEMANEXT INC.
72: SOWEMIMO-COKER, Samuel, O., SUTTON, Jeffrey, YOSHIDA, Tatsuro
33: US 31: 62/342,756 32: 2016-05-27
33: US 31: 62/445,081 32: 2017-01-11
54: ANAEROBIC BLOOD STORAGE AND PATHOGEN INACTIVATION METHOD
00: -
A method for reducing hemolysis and microparticle formation during storage of pathogen reduced blood. Oxygen reduced blood compositions comprising SAGM and riboflavin having reduced hemolysis. Oxygen reduced blood compositions comprising SAGM and riboflavin having reduced microparticles. Oxygen and pathogen reduced blood compositions comprising CPAD and riboflavin having reduced hemolysis. Oxygen and pathogen reduced blood compositions comprising SAGM and riboflavin having reduced microparticles.



21: 2018/07618. 22: 2018/11/13. 43: 2023/07/06
51: C02F; B01D
71: EVOQUA WATER TECHNOLOGIES LLC
72: WIKRAMANAYAKE, ROHAN, PEPIN, RAYMOND G, MILES, THOMAS
33: US 31: 62/346,017 32: 2016-06-06
54: REMOVING HEAVY METALS IN A BALLASTED PROCESS
00: -
A system for treating metal-contaminated wastewater includes a primary treatment sub-system, a secondary treatment sub-system, and a tertiary treatment sub-system. The tertiary treatment sub-system includes a reactor tank, a source of ballast material, a source of coagulant, a solids-liquid separator, and a controller configured to recycle ballasted solids from the solids-liquid separator to the reactor tank an amount sufficient to generate metal hydroxide floe in the reactor tank to

reduce a concentration of dissolved metal in the reactor tank.

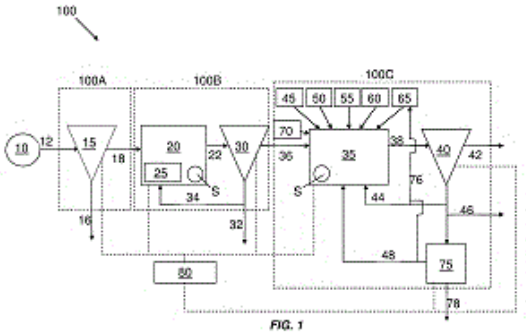
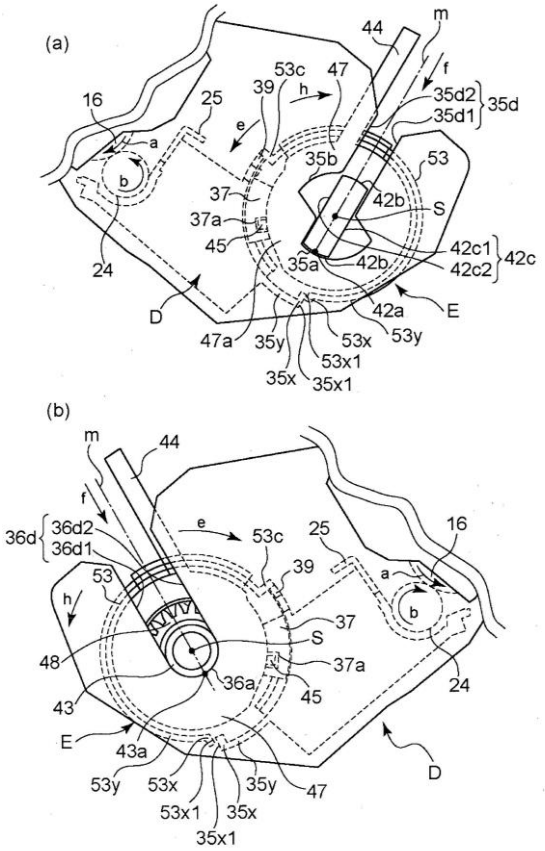


FIG. 1

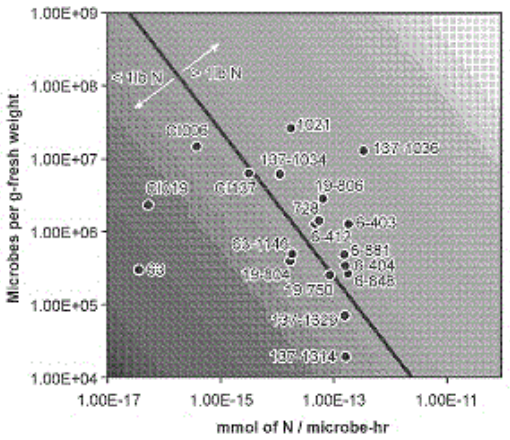
21: 2019/01248. 22: 2019/02/26. 43: 2023/08/22
51: G03G
71: CANON KABUSHIKI KAISHA
72: KIMURA, Takashi, KOJIMA, Hisayoshi, KASHIIDE, Yosuke
33: JP 31: 2016-192720 32: 2016-09-30
54: TONER CARTRIDGE AND TONER SUPPLY MECHANISM
00: -
The purpose of the present invention is to develop the conventional configuration of a toner cartridge. A toner cartridge comprises a container and an opening and closing member. The container comprises a housing part for housing toner, and a discharge port. The opening and closing member comprises a closing part for closing the discharge port, and a blocking force receiving part. The opening and closing member is configured to move with respect to the container between a closing position at which the closing part is caused to close the discharge port and an opening position at which the closing part is caused to open the discharge port. The opening and closing member has a front end on the downstream side of the opening and closing member and a back end on the upstream side thereof in a closing direction in which the opening and closing member moves when closing the discharge port, and is disposed in a range exceeding 180 degrees around the container between the front end and the back end when the toner cartridge is viewed along the longitudinal direction of the container. When the toner cartridge is detached from a receiving device, the blocking force receiving part receives, from a blocking force giving part of the receiving device, force for moving the opening and closing member from the opening position to the closing position.



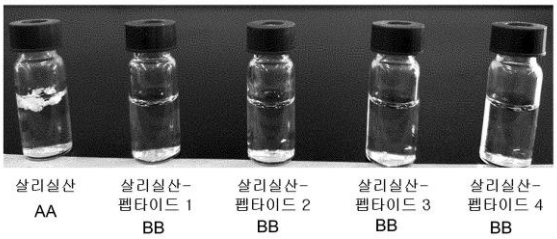
21: 2019/01367. 22: 2019/03/05. 43: 2023/08/03
51: C07D
71: CURTANA PHARMACEUTICALS, INC.
72: BEATON, Graham, MCHARDY, Stanton F., LOPEZ, Ambrosio Jr., CAMPOS, Bismarck, WANG, Hua-Yu Leo
33: US 31: 62/380,281 32: 2016-08-26
54: INHIBITION OF OLIG2 ACTIVITY
00: -
Described herein are compounds and pharmaceutical compositions containing such compounds, which inhibit the activity of Olig2. Also described herein are methods of using such Olig2 inhibitors, alone and in combination with other compounds, for treating cancer and other diseases. In particular the Olig2 inhibitors may be used to treat glioblastoma.

21: 2019/04408. 22: 2019/07/04. 43: 2023/07/12
51: C05F; C07K; C12N; A01N
71: PIVOT BIO, INC.

72: TEMME, KARSTEN, TAMSIR, ALVIN, BLOCH, SARAH, CLARK, ROSEMARY, TUNG, EMILY, HAMMILL, KEVIN, HIGGINS, DOUGLAS, DAVIS-RICHARDSON, AUSTIN
33: US 31: 62/445,570 32: 2017-01-12
33: US 31: 62/447,889 32: 2017-01-18
33: US 31: 62/566,199 32: 2017-09-29
33: US 31: 62/445,557 32: 2017-01-12
33: US 31: 62/577,147 32: 2017-10-25
33: US 31: 62/467,032 32: 2017-03-03
54: METHODS AND COMPOSITIONS FOR IMPROVING PLANT TRAITS
00: -
Methods and systems are provided for generating and utilizing a bacterial composition that comprises at least one genetically engineered bacterial strain that fixes atmospheric nitrogen in an agricultural system that has been fertilized with more than 20 lbs of Nitrogen per acre.



21: 2019/05738. 22: 2019/08/30. 43: 2023/07/21
51: A61K; A61Q
71: Caregen Co.,Ltd.
72: CHUNG, Yong Ji, KIM, Eun Mi
54: CONJUGATE OF SALICYLIC ACID AND PEPTIDE
00: -
The present invention relates to an antibacterial, antiinflammatory, or antioxidant composition and, more specifically, to a compound having a structure in which salicylic acid is linked to a peptide via a covalent linkage, and to an antibacterial, antiinflammatory, or antioxidant pharmaceutical or cosmetic composition containing the compound. The compound having a structure in which salicylic acid is linked to a peptide via a covalent linkage, of the present invention, has excellent physiological activity, such as antibacterial, antiinflammatory, or antioxidant action, as well as excellent characteristics, such as solubility in water, and thus the compound can be favorably used in various fields of food, drug, or cosmetics.



AA ... Salicylic acid
BB ... Salicylic acid-peptide

21: 2019/07183. 22: 2019/10/31. 43: 2023/08/23
51: E21D
71: EPIROC HOLDINGS SOUTH AFRICA (PTY) LTD
72: GREYVENSTEYN, James, PASTORINO, Paolo Ettore
33: ZA 31: 2018/07342 32: 2018-11-02
54: CABLE ANCHOR WITH ANTI-SPIN COUPLER
00: -
[0001] A grouted rock anchor assembly is provided by the invention which includes an elongate anchor which extends between a distal end and a proximal end and which comprises a flexible element and a rigid connector element which is engaged to one end of the cable element and which has a locking formation; a load bearing barrel which has a bore through which the connector element is received in engagement; a tensioning element engaged with the connector element between the proximal end and the barrel; a mechanical anchor engaged with the cable anchor towards the distal end; a faceplate on the body; and a locking tube which has a leading end and a trailing end and which encloses a length of the body, wherein the trailing end is adapted to pass between the barrel and the faceplate; and wherein the locking tube includes a locking element which is adapted to engage the locking formation to prevent the cable element from twisting when the mechanical anchor is engaged with a rock hole, in which the grouted rock anchor assembly is inserted, and when torque is applied to the tensioning element

to force the faceplate against the rock face in load support and to clamp the trailing end between the barrel and the faceplate.

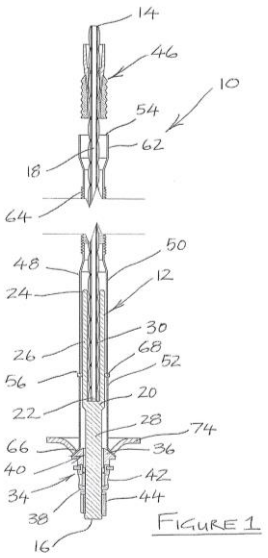
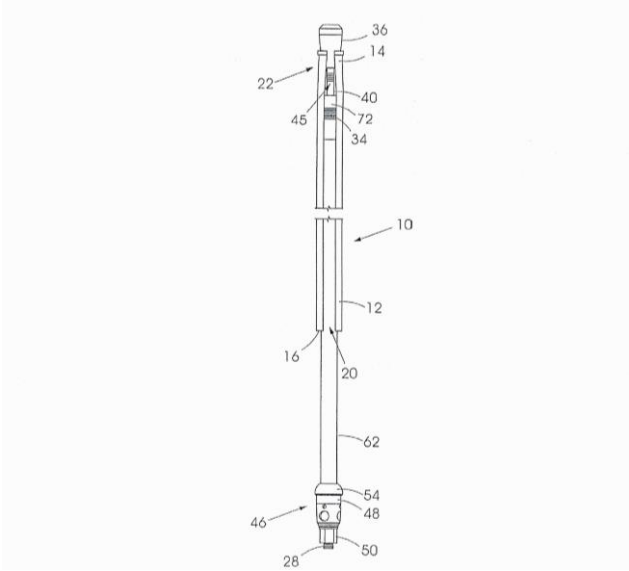


FIGURE 1

21: 2019/07326. 22: 2019/11/05. 43: 2023/03/10
51: E21D
71: EPIROC HOLDINGS SOUTH AFRICA (PTY) LTD
72: DE BRUIN, Pieter, ABREU, Rual
33: ZA 31: 2018/07375 32: 2018-11-05
54: GROUTABLE FRICTION ROCK BOLT
00: -
The invention provides a friction bolt assembly which includes: an expansible tubular sleeve longitudinally extending between a leading end and a trailing end, having a longitudinally extending formation, about which the sleeve resiliently deforms; a rod which longitudinally extends through the sleeve between a first end and a second end and which has a projecting portion which extends from the trailing end of the sleeve to the second end; an expansion element mounted on or integrally formed with the rod at or towards the first end; a wedge formation on an inside surface of the sleeve positioned to engage the expansion element; a load applicator engaged with the projecting portion between a load bearing washer and the second end of the rod; and a stop formation engaged with the rod, within the sleeve, in a position which abuts the wedge formation, when an axially directed force is applied to the second end of the rod, to transfer the force to the sleeve to pull the sleeve along with the rod; and which holds the sleeve in position, relatively to the rod, when the load applicator is actuated to draw the expansion element into the sleeve to radially expand the sleeve.



21: 2019/08388. 22: 2019/12/17. 43: 2023/08/21
51: B24C; E01C; E01H
71: TRISHA Anstalt, Vaduz, FL
72: LO VAGLIO, Giuseppe
33: CH 31: 00716/17 32: 2017-06-01
54: COMBINED HIGH-PRODUCTIVITY SHOOT-PEENING MACHINE PROVIDED WITH SCARIFYING AND MAGNETIC GROUP ACCESSORY
00: -
Self-propelled high-performance shot-peening machine with a scarifying machine, for the treatment of coatings surfaces of asphalt conglomerate, asphalt, concrete or metal, is composed of a shot-peening unit (AA), suction, filtering, separation and unit unit (BB), a scarifying unit (CC) and a mechanic-magnetic unit (DD) coupled together or having an autonomous self-propelled unit (DD) with suction, storage and housing of the magnetic group complete the regeneration and cleaning action removing from the surface, any grit possibly dispersed and not recovered by the shot-peening machine.

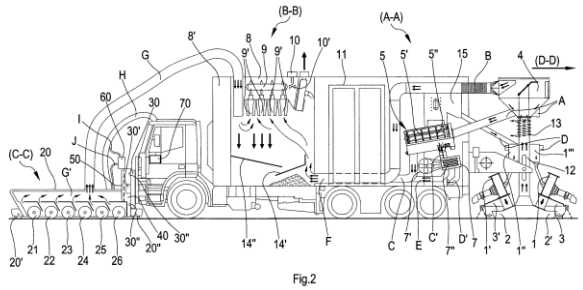
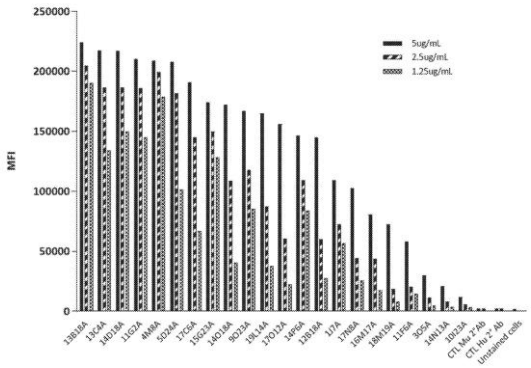
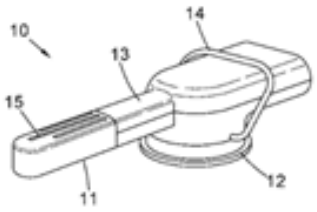


Fig.2

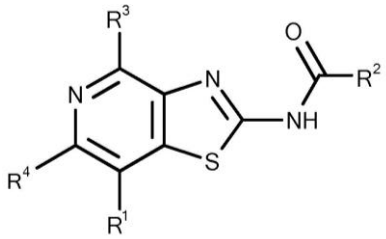
21: 2020/00373. 22: 2020/01/20. 43: 2023/07/11
51: C07K
71: Phanes Therapeutics, Inc.
72: WANG, Minghan, ZOU, Hui, OAKS, Joshua, JIA, Haiqun
33: US 31: 62/540,118 32: 2017-08-02
54: ANTI-CD47 ANTIBODIES AND USES THEREOF
00: -
Anti-CD47 antibodies and antigen-binding fragments thereof are described. Also described are nucleic acids encoding the antibodies, compositions comprising the antibodies, and methods of producing the antibodies and using the antibodies for treating or preventing diseases such as cancer, inflammatory disease, infectious disease, atherosclerosis, cardiovascular disease, metabolic disease, radiation-induced injury, and/or autoimmune disease.



21: 2020/00967. 22: 2020/02/14. 43: 2023/08/22
51: B29C; B32B
71: BELRON INTERNATIONAL LIMITED
72: SYFKO, Paul
33: GB 31: 1715588.8 32: 2017-09-26
33: GB 31: 1717463.2 32: 2017-10-24
54: CURING REPAIR RESIN
00: -
The present invention provides a repair resin composition for repairing breaks in a vehicle windscreen and curing units for curing the repair resin after it has been inserted into the break. The present invention also provides a method of repairing a vehicle windscreen, comprising inserting a resin into a repair zone, wherein the resin comprises a photoinitiator that activates when exposed to light of an activation wavelength, wherein the activation wavelength is between 370nm and 425nm, and curing the resin by emitting light including light within the activation wavelength range onto the repair zone.



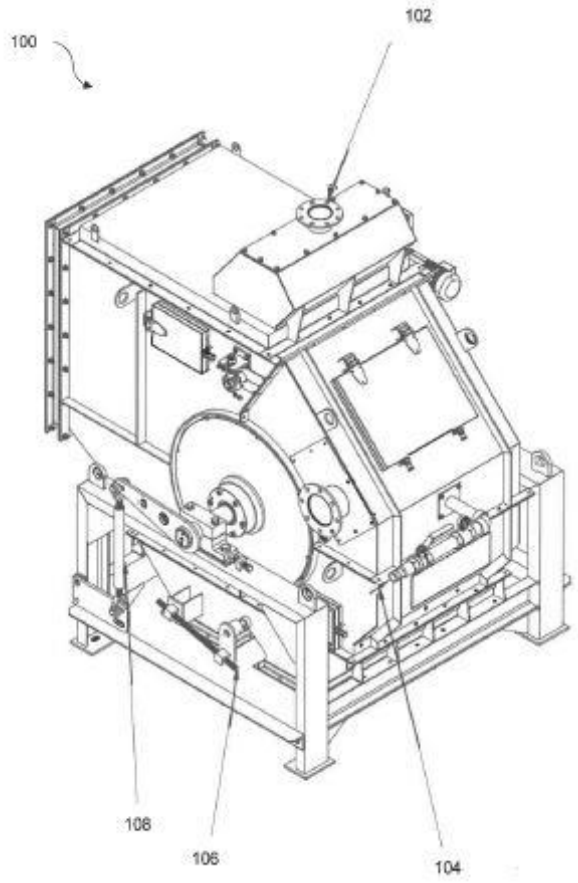
21: 2020/01295. 22: 2020/02/28. 43: 2023/07/11
51: C07D
71: Merck Patent GmbH
72: TANZER, Eva-Maria, SCHIEMANN, Kai, KLEIN, Markus
33: EP(DE) 31: 17184272.7 32: 2017-08-01
54: THIAZOLOPYRIDINE DERIVATIVES AS ADENOSINE RECEPTOR ANTAGONISTS
00: -
The invention relates to thiazolopyridine derivatives of the general formula I, and the use of the compounds of the present invention for the treatment and/or prevention of hyperproliferative or infectious diseases and disorders in mammals, especially humans, and pharmaceutical compositions containing such compound.



I

21: 2020/01467. 22: 2020/03/05. 43: 2023/08/22

51: B03D
71: AIR MAGNETIC SOLUTION (PTY) LTD
72: AIR MAGNETIC SOLUTION (PTY) LTD
33: ZA 31: 2019/02075 32: 2019-04-03
54: A SYSTEM FOR, AND METHOD OF SEPERATING ORE OR MORE DESIRED ELEMENTS FROM AN ORE DEPOSIT
00: -
According to a first aspect of the invention, there is provided a system for separating one or more desired elements from an ore deposit, the system includes one or more of the following: a drum operable to attain a high peripheral magnetic drum velocity so as to provide a concurrent flow of material and a reduced layer thickness of material on said drum; a means of providing synchronous compressed air injection so as to elevate and release non-magnetic particles from the magnetic field; and a means of providing high vacuum removal of airborne non-magnetic particles from the system. In an embodiment of the invention, said system is operable to process a feed material with a moisture content of less than 0.5%. According to a second aspect of the invention, there is provided a method of separating one or more desired elements from an ore deposit, the method includes one or more of the following steps: attaining a high peripheral magnetic drum velocity so as to provide a concurrent flow of material and a reduced layer thickness of material on said drum; providing synchronous compressed air injection so as to elevate and release non-magnetic particles from the magnetic field; and providing high vacuum removal of airborne non-magnetic particles from the system.

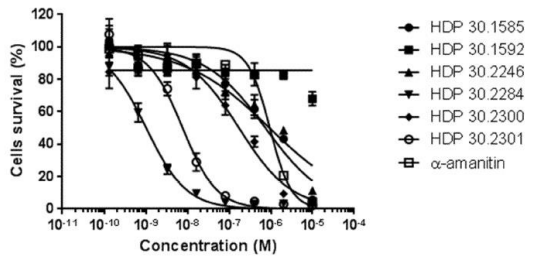


21: 2020/01568. 22: 2020/03/12. 43: 2023/07/11
51: A61P; A61K
71: OAK HILL BIO LIMITED
72: BARTON, NORMAN, MANGILI, ALEXANDRA
33: US 31: 62/557,113 32: 2017-09-11
54: METHODS AND COMPOSITIONS FOR TREATING CHRONIC LUNG DISEASES
00: -
The present invention provides methods and compositions for treating Chronic Lung Disease (CLD), comprising administering to a subject in need of treatment a composition comprising insulin-like growth factor-1 (IGF-1).

21: 2020/01747. 22: 2020/03/19. 43: 2023/08/21
51: A61K
71: Heidelberg Pharma Research GmbH
72: Francesca GALLO, Barbara KORSAK, Christoph MUELLER, Torsten HECHLER, Andreas PAHL, Michael KULKE, Werner SIMON, Christian LUTZ
33: EU 31: 17192686.8 32: 2017-09-22
54: PSMA-TARGETING AMANITIN CONJUGATES
00: -

The invention relates to a PSMA-targeting conjugate comprising (a) an amatoxin; (b) a small molecule PSMA-targeting moiety; and (c) optionally a linker linking said amatoxin and said small molecule PSMA-targeting moiety. The invention furthermore relates to a pharmaceutical composition comprising such conjugate.

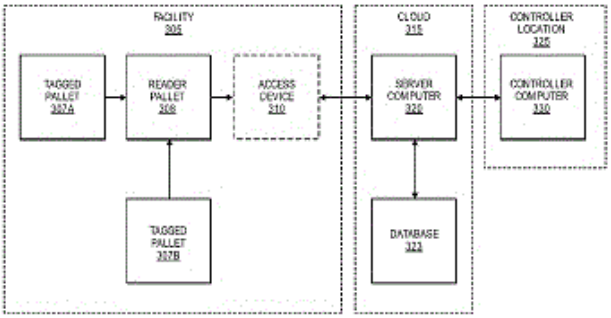
FIGURE 2



21: 2020/01750. 22: 2020/03/19. 43: 2023/08/04
51: C22B
71: MINT INNOVATION LIMITED
72: CRUSH, Oliver, WHITBY, Reece, SMITH, Ryan
33: NZ 31: 736489 32: 2017-10-17
33: NZ 31: 737908 32: 2017-11-30
54: A PROCESS FOR RECOVERING METAL FROM ELECTRONIC WASTE
00: -
The invention relates to a method for recovering precious metals from electronic waste. In particular, biometallurgical techniques are used during the process. In a first aspect, the invention provides a method of recovering one or more target metals from electronic waste, the method comprising (a) a pre-processing step comprising removing at least a portion of non-target material from the electronic waste or grinding to a preselected size particle to give pre-processed electronic waste; (b) a dissolving step comprising contacting the pre-processed electronic waste with a leaching agent such that at least a portion of the target metal (s) dissolve into the leaching agent to produce a pregnant solution; (c) a biosorption step comprising contacting a microorganism with the pregnant solution such that at least a portion of the target metal (s) ions biosorb to the microorganism which the microorganism becomes metal laden and the pregnant solution becomes barren; (d) a separating step comprising substantially separating the metal laden microorganism from the barren solution; and (e) a recovery step comprising recovery of the target metal (s) from the metal laden microorganism. In particular embodiments, the target metal is gold.

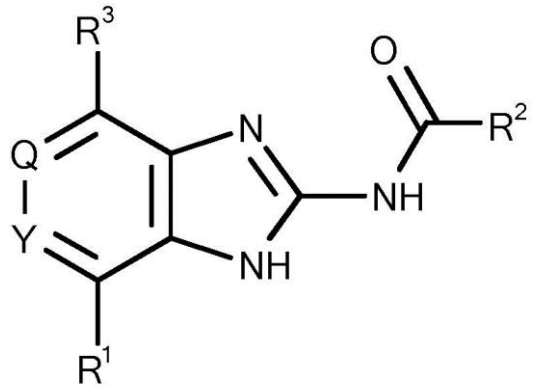
21: 2020/01757. 22: 2020/03/19. 43: 2023/07/11
51: A61K; A61Q
71: Colgate-Palmolive Company
72: BHADRA, Madhuleena, PRENCIPE, Michael, REGE, Aarti
33: US 31: 62/599,383 32: 2017-12-15
54: SILICA ABRASIVES WITH HIGH STANNOUS FLUORIDE COMPATIBILITY
00: -
This invention relates to dentifrice compositions comprising stannous fluoride and a silica abrasive having a N_2 BET surface area of less than 50 m^2/g and an Einlehner hardness of from 4 to 11, as well as to methods of using these compositions.

21: 2020/01759. 22: 2020/03/19. 43: 2023/07/06
51: G06Q; G08C
71: BXB DIGITAL PTY LIMITED
72: BANDIL, SANDEEP K, SHI, JUN
33: US 31: 62/548,127 32: 2017-08-21
54: SYSTEMS AND METHODS FOR PALLET TRACKING USING HUB AND SPOKE ARCHITECTURE
00: -
According to some embodiments of the invention, data may be collected from multiple tagged pallets by a mobile reader pallet. The tagged pallets may include components capable of short range communication with the mobile reader pallet. The reader pallet may include components capable of long range communication that allow the reader pallet to transmit the data to another device or server. This may result in reduced costs and battery preservation, as each pallet does not need to include costly and power intensive long range communication components. Further, because the reader pallet is mobile, movement of the tagged pallets within range of a stationary reader is not needed.



21: 2020/01780. 22: 2020/03/20. 43: 2023/07/11
51: A61K; A61P; C07D
71: Merck Patent GmbH
72: TANZER, Eva-Maria, SCHIEMANN, Kai, KLEIN, Markus
33: EP(DE) 31: 17187101.5 32: 2017-08-21
54: BEZIMIDAZOLE DERIVATIVES AS ADENOSINE RECEPTOR ANTAGONISTS
00: -
The invention relates to benzimidazole derivatives of the general formula (I), and the use of the compounds of the present invention for the treatment and/or prevention of hyperproliferative or infectious diseases and disorders in mammals, especially humans, and pharmaceutical compositions containing such compound.

(I)



21: 2020/02039. 22: 2020/05/04. 43: 2023/08/16
51: E04G; F15B
71: PERI SE
72: ZWERENZ, André, DEIFEL, Dieter, PARNICA, Bogdan
33: DE 31: 10 2017 217 715.2 32: 2017-10-05
54: HYDRAULIC ARRANGEMENT HAVING LINKED HYDRAULIC UNITS, CLIMBING FORMWORK, AND METHOD FOR MOVING THE CLIMBING FORMWORK USING SUCH A HYDRAULIC ARRANGEMENT
00: -
The invention relates to a hydraulic arrangement (24). The hydraulic arrangement (24) has multiple hydraulic units (20a, 20b), the control units (26a, 26b) of which are connected, in particular in series, via a data connection (28). The control units (26a, 26b) are preferably designed to control selectively only hydraulic cylinders (16a-16d) directly associated with said units, or also indirectly control, via the data connection (28) and the control unit (26a, 26b) of an additional hydraulic unit (20a, 20b), the hydraulic cylinders (16a-16d) associated with said additional hydraulic unit (20a, 20b). The invention also relates to a climbing formwork (22) having at least one climbing unit (10), in particular multiple climbing units (10). The hydraulic units (20a, 20b) can be linked via the data connection (28) such that synchronous lifting and/or lowering of all climbing units (10) can be or is achieved. The hydraulic units (20a, 20b) are preferably connected in a master-slave arrangement or are preferably controlled in a master-slave mode. Also preferably, the hydraulic units (20a, 20b) are designed to switch from the master-slave mode to the stand-alone mode.

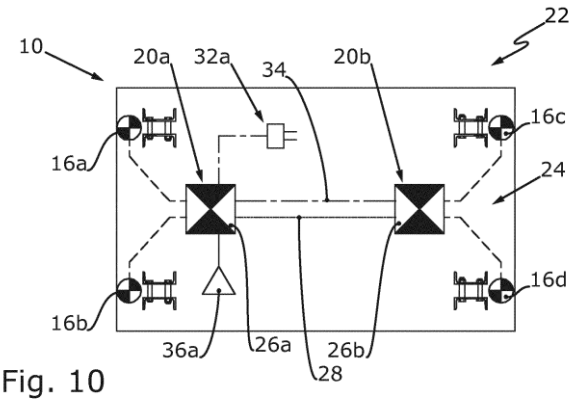


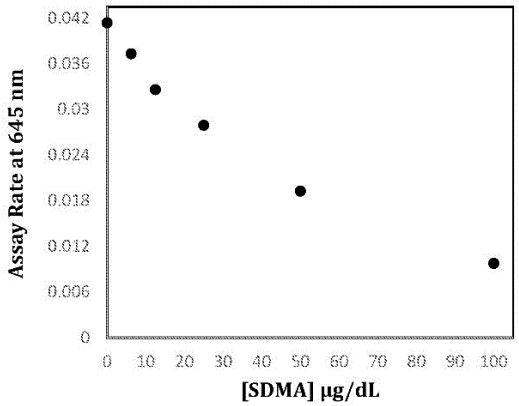
Fig. 10

21: 2020/02415. 22: 2020/05/04. 43: 2023/08/22
51: C07C; C07K; C12M; A61P
71: IDEXX LABORATORIES, INC.
72: XIE, Hongzhi, RAMISETTY, Sreenivasa Rao, YERRAMILLI, Murthy VSN
33: US 31: 62/574,592 32: 2017-10-19
33: US 31: 62/599,117 32: 2017-12-15

54: DETECTION OF SYMMETRICAL DIMETHYLARGININE

00: -

The disclosure generally relates to the detection of symmetrical dimethylarginine (SDMA). More particularly, the disclosure relates to the detection of SDMA using a solid phase. The disclosure provides devices, reagents, kits and methods for detecting symmetrical dimethyl arginine (SDMA) in sample, such as a biological sample from an animal. The method includes detecting the presence or amount of SDMA in the sample by using an immunoassay format, such as a competitive immunoassay. The assay includes the use of antibodies to SDMA that are specific for SDMA and that have less affinity for other arginine derivatives.



21: 2020/02566. 22: 2020/05/08. 43: 2023/08/16
51: A61K; C07D; A61P
71: Pfizer Inc.
72: FERNANDO, Dilinie, LACASSE, Shawn, M., WIGLESWORTH, Kristin
33: US 31: 62/589,256 32: 2017-11-21

54: CRYSTALLINE 2-AMINO-2-(HYDROXYMETHYL)PROPANE-1,3-DIOL SALT OF 4-(4-(1-ISOPROPYL-7-OXO-1,4,6,7-TETRAHYDROSPIRO[INDAZOLE-5,4'-PIPERIDINE]-1'-CARBONYL)-6-METHOXYPYRIDIN-2-YL)BENZOIC ACID

00: -

The invention provides the tris salt of 4-(4-(1-isopropyl-7-oxo-1,4,6,7- tetrahydrospiro[indazole-5,4'-piperidine]-1'-carbonyl)-6-methoxypyridin-2-yl)benzoic acid as a crystalline anhydrous or tri-hydrate; as well as polymorphs, pharmaceutical compositions, dosage forms, and the use thereof in treating diseases, conditions or disorders modulated by the inhibition of an acetyl-CoA carboxylase (ACC) enzyme(s) in an animal.

21: 2020/02620. 22: 2020/05/11. 43: 2023/08/22
51: A45F; A47C
71: DAVIES BRETON LTD
72: DAVIES, Jonathan
33: GB 31: 1718638.8 32: 2017-11-10
33: GB 31: 1812749.8 32: 2018-08-06

54: RUCKSACK FRAME

00: -

This invention relates to a frame for a rucksack that is convertible into a support for a person such as a chair or bed. This invention further relates to a rucksack including such a frame. A convertible frame for a rucksack comprises two main frame members connected together by a pair of extendable connectors; at least two leg members connected or connectable to the main frame members; and a flexible support attached or attachable to the main frame members to extend between the main frame members, the frame being convertible between a first configuration, in which the main frame members have a first distance between them and the first distance defines a width of the rucksack, and a second configuration, in which the main frame members have a second distance between them and in which the main frame members are supported in a raised position by the leg members, and in the second configuration the main frame members suspend the flexible support for supporting the weight of a person when the main frame members are in the raised position, and wherein the second distance is larger than the first distance.

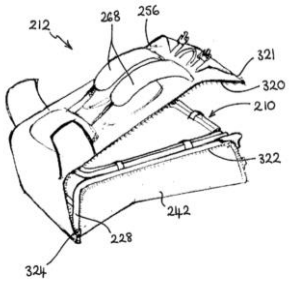


Fig. 13

21: 2020/03530. 22: 2020/06/12. 43: 2023/09/08
51: F01B; F16H
71: Elpida GEORGITZIKI, Vasilios GEORGITZIKIS, Anna GEORGITZIKI
72: Georgios GEORGITZIKIS

33: GR 31: 20180100001 32: 2018-01-03
54: MECHANISM FOR TRANSFORMING RECIPROCAL TO ROTATIONAL MOTION OR VICE VERSA, AND MECHANISM APPLICATIONS
00: -
Mechanism for transforming rotating to reciprocating motion, or vice versa, comprising a first annular component (1) and a second annular component (3) coaxially located, the first beside the second, along a longitudinal axis (ΔA), wherein both are able to rotate around the longitudinal axis and to reciprocate along the longitudinal axis, wherein side (A) of the first annular component (1) adjacent to the second annular component (3) is in continuous contact, in at least one point, with the neighbouring side (Γα) of the second annular component (3), such that the second annular component (3) is able to rotate relative to the first annular component (1) in continuous contact in at least one point with the adjacent side (A) of the first annular component (1), wherein the contacting sides are undulated surfaces (A, Γα), such that if the first annular component (1) and the second annular component (3) are forced into rotational motion relative to each other, remaining at the same time in continuous contact, then every point of the undulated surfaces (A, Γα) will trace, relative to the other, an undulated trajectory and at the same will also execute, relative to the other, reciprocating motion.

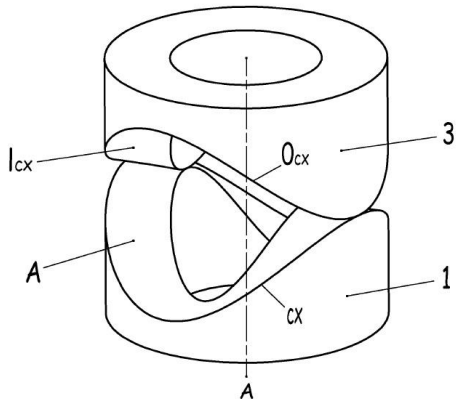
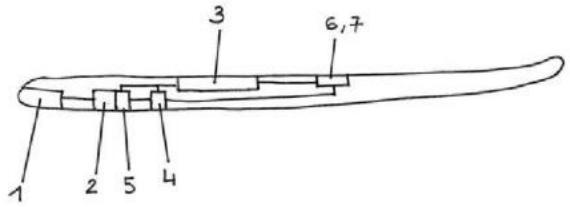
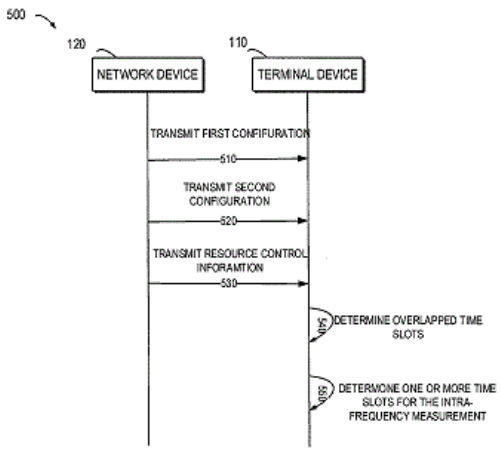


Figure 1

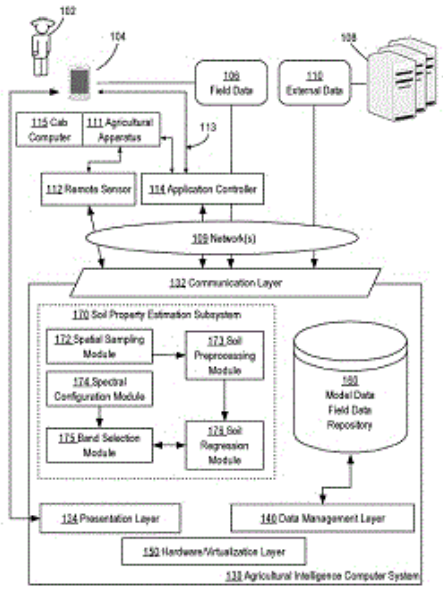
21: 2020/04964. 22: 2020/08/12. 43: 2022/09/02
51: B63B; B63H
71: MOTION CONCEPT GROUP
72: Nicolas QUENDEZ
33: FR 31: FR1909139 32: 2019-08-12
54: A WATERCRAFT, SUCH AS A SURFBOARD OR A PADDLEBOARD, WITH CONTROLLED ELECTRICAL ASSISTANCE
00: -
A watercraft with controlled electrical assistance, aiming at allowing the transportation of a user on water. The watercarft comprises propulsion means 1 capable of allowing the watercraft to progress on or in the water, one electrical motor configured to deliver power for driving the propulsion means 1, a source 3 of electrical energy configured to supply the motor with electrical energy, and an electronic control unit configured to control the operation of the motor and the supply of the motor with electrical energy by the source. The watercraft further comprises measuring means connected to the control unit 4 and capable of measuring the value of at least one given parameter among a motor parameter relating to motor operation, and a watercraft parameter relating to the movement of the watercraft, and the control unit 4 is configured to receive at least one value of the motor parameter and/or the watercraft parameter, and to adapt the power for driving the propulsion means delivered by the motor, depending on the parameter value or values received.



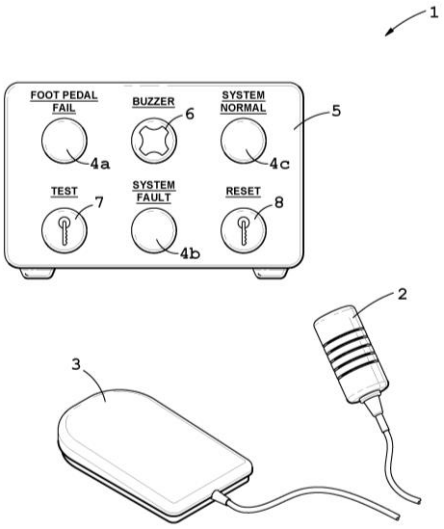
21: 2020/04967. 22: 2020/08/12. 43: 2023/07/24
51: H04W
71: NOKIA TECHNOLOGIES OY
72: ZHANG, Li, DALSGAARD, Lars
54: METHODS, DEVICES AND COMPUTER READABLE MEDIUM FOR NEW RADIO MANAGEMENT MEASUREMENT
00: -
Embodiments of the disclosure provide a method, device and computer readable medium for new radio management measurement. According to embodiments of the present disclosure, the terminal device may share partially overlapped time slots between the intra-frequency measurement and the measurement gap. In this way, the priority of intra-frequency measurement and the inter-frequency measurement may be controlled by the network device. The network device may also know the terminal device behaviors and the expected measurement performances related to the behaviors.



21: 2020/05339. 22: 2020/08/27. 43: 2023/08/29
51: E02D; G01J; G01N; G06T
71: Climate LLC
72: HAITAO XIANG, XIANYUAN YANG, NICK KOSHNICK, NICK CISEK
33: US 31: 14/866,160 32: 2015-09-25
54: ESTIMATING SOIL PROPERTIES WITHIN A FIELD USING HYPERSPECTRAL REMOTE SENSING
00: -
A method for building and using soil models that determine soil properties from soil spectrum data is provided. In an embodiment, building soil model may be accomplished using soil spectrum data received via hyperspectral sensors from a land unit. A processor updates the soil spectrum data by removing interference signals from the soil spectrum data. Multiple ground sampling locations within the land unit are then determined based on the updated soil spectrum data. Soil property data are obtained from ground sampling at the ground sampling locations. Soil models that correlate the updated soil spectrum data with the soil property data are created based on the updated soil spectrum data and the soil property data. The soil models are sent to a storage for future use.

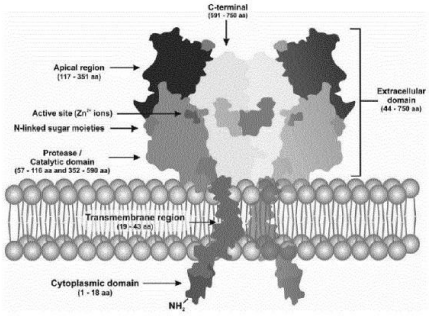


21: 2020/06088. 22: 2020/10/01. 43: 2023/08/28
51: B60T
71: PETSIM HYDRAULIC BRAKING SERVICES (PTY) LTD
72: MOGASHOA, Morudi Simon, NHLAPO, Madoda Petros
33: ZA 31: 2019/04324 32: 2019-07-01
54: APPARATUS FOR DETECTING BRAKE FAILURE OF A VEHICLE
00: -
This invention relates to an apparatus for detecting brake failure of a vehicle and more specifically, but not exclusively, to ¬¬¬¬detecting brake failure of vehicles used in the mining industry. In accordance with the invention there is provided an apparatus for detecting brake failure of a vehicle comprising brake failure detection means for detecting brake failure when the travel of a brake pedal of the vehicle exceeds a predetermined threshold and a trigger for initiating an action relating to the vehicle when brake failure is detected.



21: 2020/07705. 22: 2020/12/10. 43: 2023/07/21
51: C08B D21H
71: INTERNATIONAL PAPER COMPANY
72: LUO, Mengkui, REA, Michael, DODD, Angela, DODD, Andrew, ANDERSON-GABER, Amy, LINDENAUER, Kris, WEST, Hugh, MILLER, Charles
33: US 31: 62/712,844 32: 2018-07-31
33: US 31: 15/999,228 32: 2018-08-16
54: CROSSLINKED PULPS, CELLULOSE ETHER PRODUCTS MADE THEREFROM; AND RELATED METHODS OF MAKING PULPS AND CELLULOSE ETHER PRODUCTS
00: -
Pulps, cellulose ether products, and methods of making pulps are described.

21: 2020/08095. 22: 2020/12/22. 43: 2023/09/08
51: C07K
71: Heidelberg Pharma Research GmbH
72: Torsten HECHLER, Andreas PAHL
33: EP 31: 18186591.6 32: 2018-07-31
54: HUMANIZED ANTIBODIES AGAINST PSMA
00: -
The present application relates to humanized and/or deimmunized antibodies, antibody fragments or antibody derivatives that bind to Prostate Specific Membrane Antigen (PSMA) and methods for using said antibodies, antibody fragments or antibody derivatives in the treatment of prostate cancer and other neoplastic as well as neurological diseases.



21: 2021/00289. 22: 2021/01/15. 43: 2023/08/25
51: H04L
71: NCHAIN HOLDINGS LIMITED
72: WRIGHT, Craig Steven
33: GB 31: 1603118.9 32: 2016-02-23
54: REACTIVE AND PRE-EMPTIVE SECURITY SYSTEM FOR THE PROTECTION OF COMPUTER NETWORKS AND SYSTEMS
00: -
The invention provides mechanisms for enhancing the security and protection of a computer-based system or network. It relates, in part, to the use of a decoy (which may be termed “honeypot” or “honeynet”) for collecting attacker-related data, and/or diverting malicious behaviour away from legitimate resources. In one embodiment, the invention provides a method comprising the steps of receiving, processing and logging network traffic data of a plurality of users, where the network traffic is received from a plurality of participating users; determining an attacker profile from the network traffic data; determining a honeypot or honeynet configuration based on the attacker profile; and upon receipt of a valid information request from a user of the plurality of users, providing the determined attacker profile and configuration to the user. Additionally or alternatively, it may provide a computer-implemented method comprising the steps of receiving, processing and logging network traffic data; based on processed network traffic data: determining that network traffic originates from an attacker, determining a risk classification; and determining a decoy configuration based on the risk classification; upon receipt of a valid information request from a user, providing the determined risk classification and decoy configuration to the user.

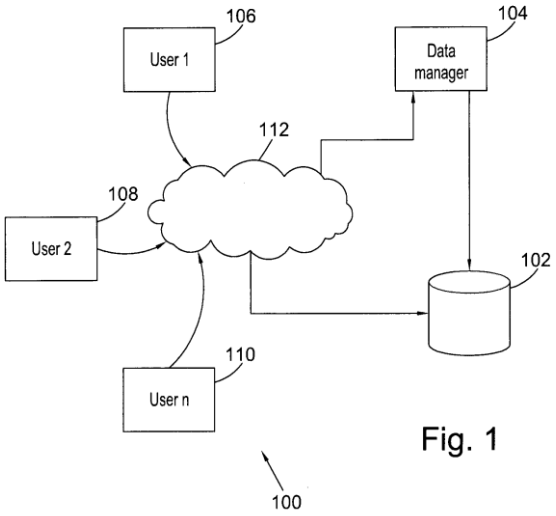


Fig. 1

21: 2021/00685. 22: 2021/01/29. 43: 2023/08/04
51: B07B; B07C
71: GULF CONVEYOR SYSTEMS PTY LTD
72: BENJAMIN, Colin
33: AU 31: 2018902581 32: 2018-07-17
33: AU 31: 2019901603 32: 2019-05-10

54: SIZING AND SEPARATING GRANULAR PARTICLES

00: -

A system and method for sizing and separating granular particles within the bulk granular solids by creating a graded granular flow comprising multiple sized fractions with gradation of the particles according to particle size between relatively fine fractions and relatively coarse fractions; and capturing at least a portion of granular flow. The system (11) comprises means (25) for creating the graded granular flow, and means (30) for capturing at least a portion of the graded granular flow. The graded granular flow is split into separate streams, one of which is subsequently captured by intercepting that stream. The intercepted stream may be collected or redirected for further processing.

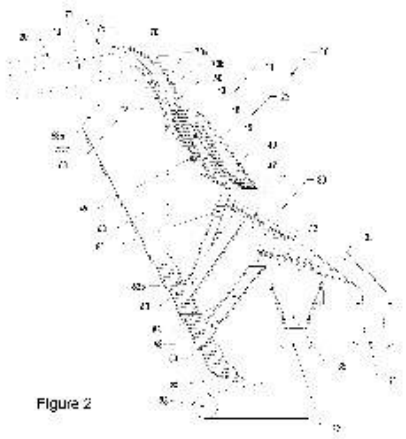


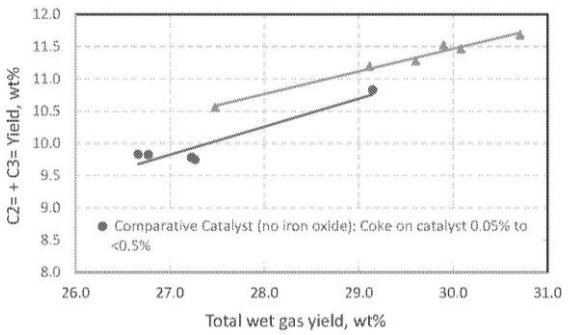
Figure 2

21: 2021/01426. 22: 2021/03/02. 43: 2023/07/03
51: B01J; C10G
71: W. R. Grace & Co.-Conn.
72: SINGH, Udayshankar, KUMAR, Ranjit, ZIEBARTH, Michael Scott, CHENG, Wu-Cheng
33: US 31: 62/872,468 32: 2019-07-10

54: FLUIDIZED CRACKING PROCESS FOR INCREASING OLEFIN YIELD AND CATALYST COMPOSITION FOR SAME

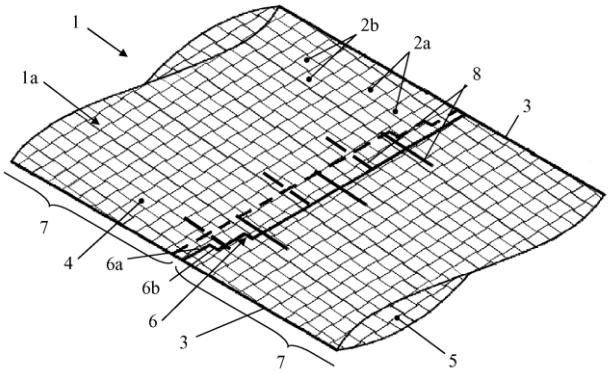
00: -

An improved process and catalyst composition for cracking hydrocarbons in a fluidized cracking process are disclosed. The process employs circulating inventory of a regenerated cracking having a minimal carbon content. The regenerated catalyst comprises a catalyst/additive composition which contains a pentasil zeolite, iron oxide, and a phosphorous compound. In accordance with the present disclosure, the catalyst/additive contains controlled amounts of iron oxide which is maintained in an oxidized state by maintaining low amounts of carbon on the regenerated catalyst inventory. In this manner it was discovered that the catalyst composition greatly enhances the production and selectivity of light hydrocarbons, such as propylene.



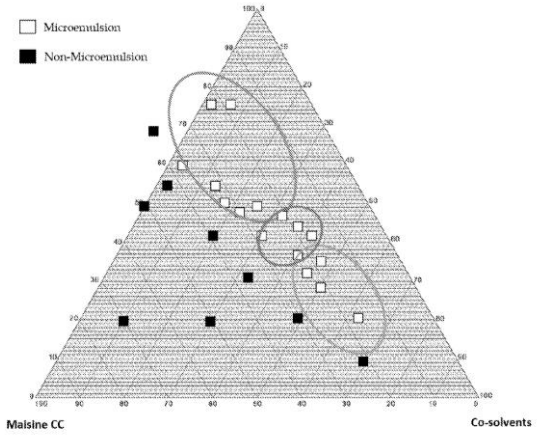
21: 2021/01942. 22: 2021/03/23. 43: 2023/06/30
51: A61K; A61Q
71: Colgate-Palmolive Company
72: DAS, Aradhana, SHEN, Hongwei, XU, Yun
54: ORAL CARE COMPOSITIONS COMPRISING N-ALKYL-N-ACYLGLUCAMINES
00: -
Oral care compositions and methods for the same are disclosed. The oral care composition may include an orally acceptable vehicle, and one or more surfactants. The one or more surfactants may include an N-alkyl-N-acylglucamine. The oral care composition may further include an amino acid and one or more abrasives. The method for treating or reducing dentinal hypersensitivity may include contacting the oral care composition with surfaces of the teeth.

21: 2021/02010. 22: 2021/03/25. 43: 2023/08/23
51: B31B
71: STARLINGER & CO GESELLSCHAFT M.B.H.
72: NEUMÜLLER, Norbert, DOPPLER, Michael, SCHWARZENECKER, Walter, PÖLLERITZER, Niklas
33: EP 31: 18204928.8 32: 2018-11-07
54: WEB MATERIAL MADE OF A WOVEN FABRIC AND PROCESS FOR ITS MANUFACTURE
00: -
A web material (1; 9) made of a woven fabric is divided into web sections (7; 11) by tear lines (6; 10). The tear lines (6; 10) weaken the web material (1; 9) without causing a complete separation of the web sections (7; 11) from the web material (1; 9). The web sections (7; 11) are separable from the web material (1; 9) by being torn off along the tear lines (6; 10). Cuts (8; 12) are formed in the woven fabric along transverse sections (6a; 10a) of each tear line (6; 10), the transverse sections running essentially transversely to the longitudinal extension of the web material, which cuts are spaced apart from each other and are oriented in the longitudinal direction of the web material (1; 9) or transversely to the transverse section (6a; 10a) of the tear line (6; 10), with the cuts (8; 12) being connected to only one transverse section (6a; 10a) of the tear line (6; 10).

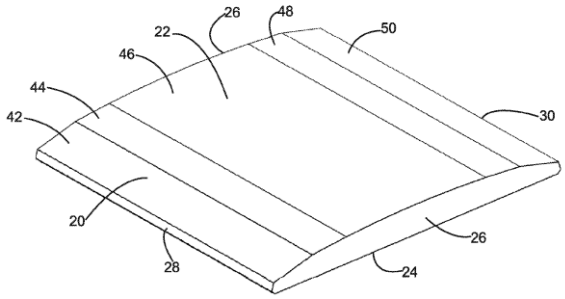


21: 2021/02023. 22: 2021/03/25. 43: 2023/06/30
51: A61K; A61P
71: Elanco Tiergesundheit AG
72: GEORGE, Sarah, ROLFE, Peter, TAHTAOUI, Chouaib
33: US 31: 62/741,120 32: 2018-10-04
54: POTENTIATION OF HELMINTH TREATMENT
00: -
The present invention provides a method of treating liver fluke infections in a mammal in need of such treatment comprising administering an effective amount of diamphenethide in combination with an effective amount of clorsulon.

21: 2021/03090. 22: 2021/05/07. 43: 2023/08/23
51: A61K; A61P
71: HEPION PHARMACEUTICALS, INC.
72: TREPANIER, Daniel Joseph, URE, Daren Raymond, FOSTER, Robert Thomas
33: US 31: 62/771,453 32: 2018-11-26
54: PHARMACEUTICAL FORMULATIONS OF CYCLOSPORINE ANALOGS
00: -
The present disclosure relates to pharmaceutical compositions comprising CR.V431 or a pharmaceutically acceptable salt thereof. The compositions exhibit high solubility and stability.

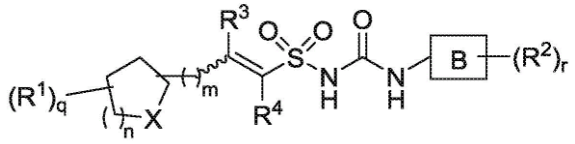


21: 2021/03798. 22: 2021/06/02. 43: 2023/08/25
51: B02C
71: ORBIS MINING PTY LTD
72: Bradley James HUNTING
33: AU 31: 2018904710 32: 2018-12-11
54: CRUSHING OF CORE SAMPLES
00: -
A crusher for cylindrical core samples has two oscillating wear plates. Each wear plate has an angled introductory portion, which open to a mouth sufficiently large to receive core samples having diameter above 100mm. Each wear plate has at least one intermediate surface extending between each angled introductory portion and a curved central portion of the wear plate.



21: 2021/03976. 22: 2021/06/09. 43: 2023/07/19
51: A61K; A61P
71: VARIATION BIOTECHNOLOGIES INC.
72: ANDERSON, DAVID EVANDER, AHMED, TANVIR
33: US 31: 62/760,439 32: 2018-11-13
54: IMMUNOGENIC COMPOSITIONS FOR TREATMENT OF HEPATITIS B
00: -
The present disclosure provides compositions and methods useful for inducing a The cell response in a subject suffering from Hepatitis B. As described herein, the compositions of the disclosure comprise HBsAg having S, Pre-S1 and Pre-S2 proteins and an aluminum phosphate adjuvant. In a preferred embodiment, the immunogenic composition comprises at least 20 µg/ml of HBsAg antigen and the amount of non-adsorbed antigen is at least 30%.

21: 2021/04940. 22: 2021/07/14. 43: 2023/08/23
51: C07C; C07D
71: ZYDUS LIFESCIENCES LIMITED
72: SHARMA, Rajiv, AGARWAL, Sameer
33: IN 31: 201921001555 32: 2019-01-14
54: NOVEL SUBSTITUTED SULFONYLUREA DERIVATIVES
00: -
The present invention relates to novel heterocyclic compounds of the general formula (I) their pharmaceutically acceptable salts, pharmaceutically acceptable solvates, enantiomers, diastereomers and polymorphs. The invention also relates to processes for the preparation of the compounds of invention, pharmaceutical compositions containing the compounds and their use as the compounds of the invention belong to the family of NOD-like receptor family (NLR) protein NLRP3 modulators. The present invention thus relates to novel NLRP3 modulators as well as to the use of the novel inhibitor compounds in the treatment of diseases or conditions in which interleukin 1ß activity is implicated.



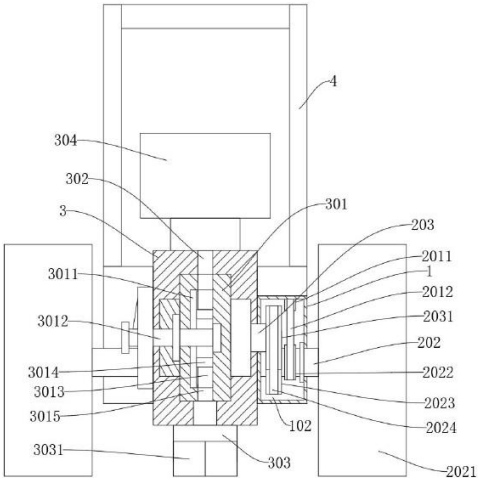
Formula (I)

21: 2021/05546. 22: 2021/08/06. 43: 2022/07/13
51: A01C
71: Yili Kazakh Autonomous Prefecture Agricultural Science Research Institute, Zhejiang Institute of Garden Plants and Flowers (Zhejiang Xiaoshan Institute of Cotton & Bast Fiber Crops Research)
72: AN, Xia, ZHANG, Zheng, JIN, Guanrong, LUO, Xiahong, CHEN, Changli, LI, Wenlue, LIU, Tingting, ZHU, Guanlin

54: QUANTITATIVE SEEDING DEVICE FOR FIBER CROPS

00: -

Disclosed is a quantitative seeding device for fiber crops. The quantitative seeding device for fiber crops comprises a first mounting box and a second mounting box fixedly connected to the first mounting box, wherein a mounting disc is rotationally connected into the second mounting box, a worm-shaped disc is rotationally connected into the mounting disc, a seed groove is formed in the mounting disc, an adjusting block is slidably connected into the seed groove, the adjusting block is fixedly connected with a connecting block, the connecting block is provided with an insection corresponding to the worm-shaped disc, and the worm-shaped disc is fixedly connected with an adjusting rod. By changing the size of the volume of the seed groove, the seeding varieties of the device are increased, and the planting cost is saved

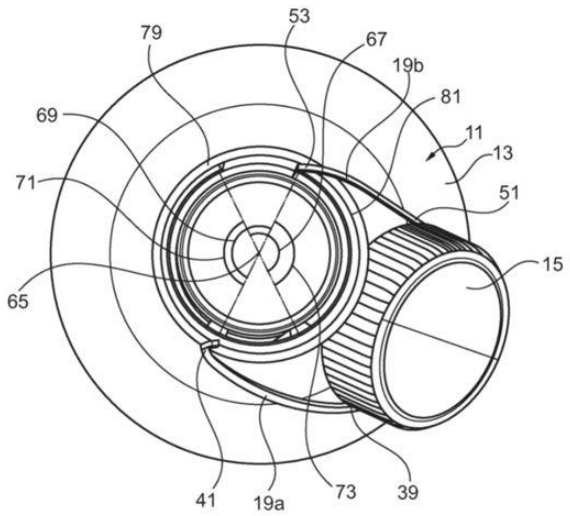


21: 2021/05929. 22: 2021/08/18. 43: 2023/08/21
51: B65D
71: ALPLA WERKE ALWIN LEHNER GMBH & CO. KG
72: Franz-Michael LÄSSER, Werner STEURER, Erwin MAYER, Peter WINGHART
33: CH 31: 00288/19 32: 2019-03-11
33: CH 31: 00523/19 32: 2019-04-16
33: CH 31: 01467/19 32: 2019-11-20
33: CH 31: 01695/19 32: 2019-12-23

54: CONTAINER CLOSURE AND CONTAINER

00: -

The invention relates to a closure cap (11) for closing the pouring opening (33) of a container (13), having a cylindrical threaded part (15) with an open edge (25) and an inner thread which can interact with an outer thread (31) of a container neck (29) of the container (13), a security ring (17) which is designed to be held on a protrusion (35) molded on the container neck (29), a plurality of security webs which releasably connect the security ring (17) to the open edge (25), a first holding strip (19a) with a first and a second end (39, 41) and a first and a second edge (43, 45), the first end (39) being rigidly connected to the open edge (25) of the threaded part (15) and the second end (41) being rigidly connected to the security ring (17), and a second holding strip (19b) with a third and a fourth end and a third and a fourth edge, the third end being rigidly connected to the open edge (25) of the threaded part (15) and the fourth end being rigidly connected to the security ring (17). The second end (41) is arranged on the circular path of the security ring (17) in a substantially diametrically opposed manner to the fourth end before the threaded part (15) is opened for the first time.



21: 2021/06220. 22: 2021/08/27. 43: 2023/07/03
51: A61K; A61P
71: ELPEN S.A. Pharmaceutical Industry
72: PENTAFRAGKA, Ergina Ilia, BAGOURAKIS, Georgios
33: GR 31: 20200100723 32: 2020-12-14

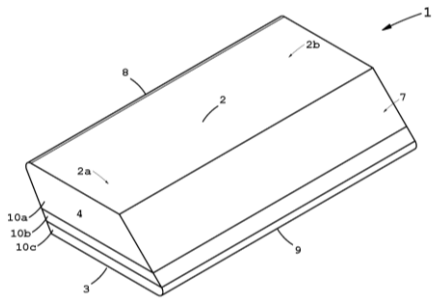
54: SOLID FORMULATIONS OF ATORVASTATIN AND EZETIMIBE

00: -

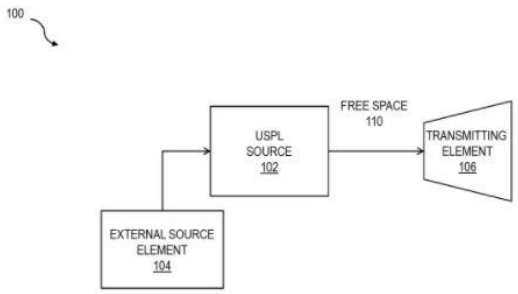
The invention relates to novel solid pharmaceutical forms of atorvastatin (and its salts) and ezetimibe

(and its salts) which are lactose-free.The solid forms of the present invention can be administered to patients with lactose intolerance, which is important as it is a chronic treatment.The solid forms of the present invention contain at least one diluent, one binder, one disintegrant, one lubricant and one wetting agent.The solid forms of the present invention are produced by a simple production process wherein the final form is preferably in the form of a tablet of at least two layers, preferably coated.The solid forms of the present invention exhibit optimal stability equal to that of lactose-containing formulations, satisfactory mechanical strength, ease and flexibility of use, and can be administered to populations regardless of their nutritional properties, making them particularly attractive for therapeutic purposes.

21: 2021/06282. 22: 2021/08/30. 43: 2023/08/28
51: A47G
71: MARSH, Richard, MARSH, Sharee
72: MARSH, Richard, MARSH, Sharee
33: ZA 31: 2020/05331 32: 2020-08-27
54: AN ADJUSTABLE PILLOW INSERT
00: -
This invention relates to an adjustable pillow insert and more specifically, but not exclusively, to an adjustable pillow insert for use as a back and neck support. In accordance with the invention there is provided an adjustable pillow insert comprising a number of stackable elements which form the pillow insert such that, when the elements are stacked, the insert has two parallel main sides, two parallel ends, and two supporting sides between the parallel main sides extending between the ends; the supporting sides being slanted relative to the main sides; and height of the insert is adjustable by increasing or decreasing the number of stackable elements; wherein, in use, the insert may be oriented such that each main side is either a base or top of the insert and each supporting side may be oriented towards or away from a user.



21: 2021/06343. 22: 2021/08/31. 43: 2023/08/29
51: G01S; H01S
71: CHAFFEE, THOMAS, MALCOLM
72: CHAFFEE, THOMAS, MALCOLM, SZAJOWSKI, PAUL, F, FLEISHAUER, ROBERT, P
33: US 31: 16/269,106 32: 2019-02-06
54: METHOD AND APPARATUS FOR ULTRA-SHORT PULSED LASER COMMUNICATION THROUGH A LOSSY MEDIUM
00: -
Free-space optical (FSO) wireless transmission, including optical communications, remote-sensing, power beaming, etc., can be enhanced by replacing conventional laser sources that operate in the infrared portion of the optical spectrum with ultra-short pulsed laser (USPL) sources having peak pulse powers of one kWatt or greater and pulse lengths of less than one picosecond. Specifically, it has been observed that under these conditions the attenuation of an USPL beam having the same average optical power as a conventional laser in a lossy medium, such as the atmosphere, is substantially less than the attenuation of a conventional laser beam having a lower peak pulse power and/or a longer pulse width. The superior system performance when using an USPL can be translated into an increased distance between a laser source in a transmitter and a photodetector in receiver and/or a higher reliability of system operation in inclement weather conditions.



21: 2021/07269. 22: 2021/09/28. 43: 2023/07/25
51: H04S
71: DOLBY INTERNATIONAL AB
72: KEILER, FLORIAN, BOEHM, JOHANNES
33: EP 31: 13290255.2 32: 2013-10-23
54: METHOD FOR AND APPARATUS FOR DECODING AN AMBISONICS AUDIO SOUNDFIELD REPRESENTATION FOR AUDIO PLAYBACK USING 2D SETUPS
00: -
Sound scenes in 3D can be synthesized or captured as a natural sound field. For decoding, a decode matrix is required that is specific for a given loudspeaker setup and is generated using the known loudspeaker positions. However, some source directions are attenuated for 2D loudspeaker setups like e.g. 5.1 surround. An improved method for decoding an encoded audio signal in soundfield format for L loudspeakers at known positions comprises steps of adding (10) a position of at least one virtual loudspeaker to the positions of the L loudspeakers, generating (11) a 3D decode matrix (D'), wherein the positions (Formula I) of the L loudspeakers and the at least one virtual position (Formula II) are used, downmixing (12) the 3D decode matrix (D'), and decoding (14) the encoded audio signal (i14) using the downscaled 3D decode matrix (Formula III). As a result, a plurality of decoded loudspeaker signals (q14) is obtained.

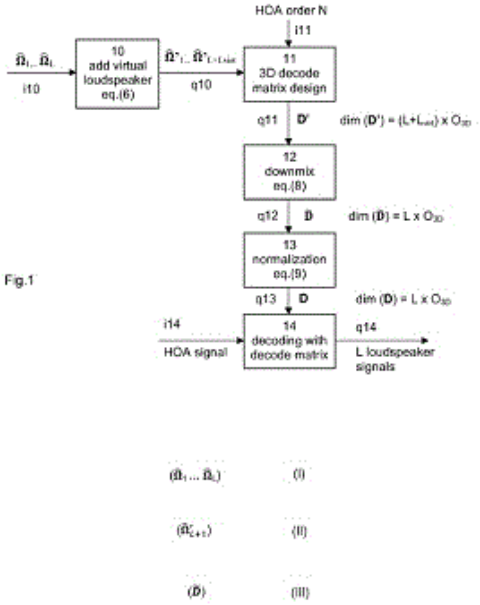
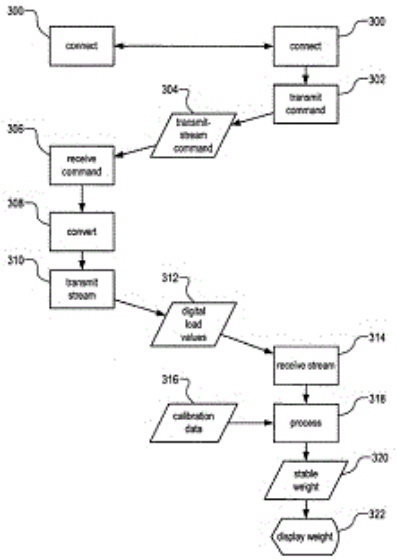
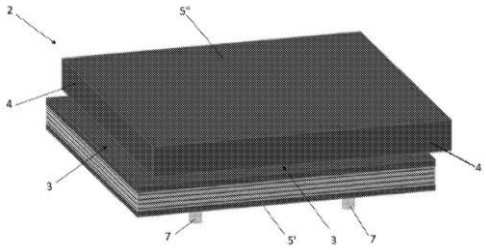


Fig.1

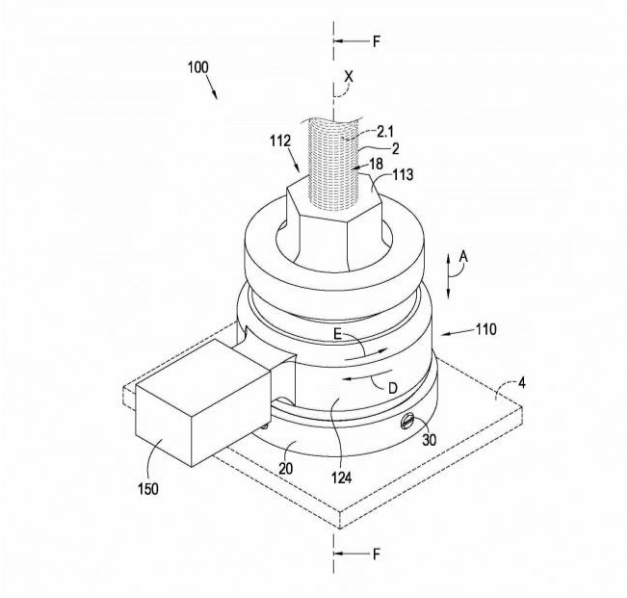
21: 2021/07433. 22: 2021/10/01. 43: 2023/07/10
51: G01G
71: DURADIAMOND SOFTWARE LIMITED
72: HOLLAND, JAMES WILLIAM, PUGH, JAMES JOHN
33: GB 31: 1902880.2 32: 2019-03-04
54: WEIGHT MEASUREMENT SYSTEM, WEIGH HEAD APPARATUS AND METHODS
00: -
A weigh head apparatus (102) for cooperation with a data processing unit for use in livestock weighing. The weigh head apparatus is inexpensive, easy to upgrade and has low maintenance costs. The weight head apparatus has: a signal converting module (106) operable to convert one or more analogue load signal into a plurality of digital load values; and a data transmitting module (108) operable to transmit a stream of the digital load values over a wireless connection to the data processing unit. The stream is a real-time stream and the digital load values are raw instantaneous analogue-to-digital converter output values. A command receiving module (109) is configured to receive a transmit-stream command from the data processing unit, wherein the data transmitting module (108) is operable to transmit the stream of the digital load values in response to the received transmit-stream command.



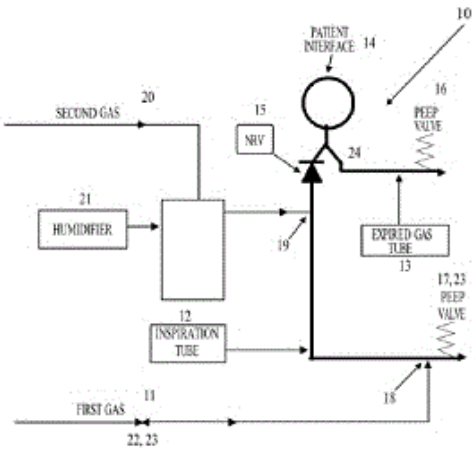
21: 2021/07550. 22: 2021/10/07. 43: 2023/07/03
51: B29B; B29D; F16M
71: Rubberbras Ltda
72: RIBEIRO, Lucas
54: "A SET OF LINING PLATES MADE OF RADIAL TIRES AND A METHOD FOR MANUFACTURING LINING PLATES MADE OF RADIAL TIRES"
00: -
The present invention relates to a set (1) of lining sheets (2) made from radial tires for protecting abrasive equipment and absorbing impact, wherein said set (1) of the present invention is composed of a plurality of lining sheets (2) made from radial tires arranged side by side for lining the surface of an item of equipment. The lining sheets (2) that make up the set (1) are provided with grooves (3) that allow the lining sheets (2) to be joined together, the lining sheets (2) being perfectly fastened to one another by means of special 'hooked' screws, thereby ensuring that the surface of the item of equipment on which said lining sheets (2) are installed is effectively sealed, preventing materials from entering the space formed between the lining sheets (2). The present invention also relates to a method for manufacturing the radial tire lining sheets (2) of the set (1).



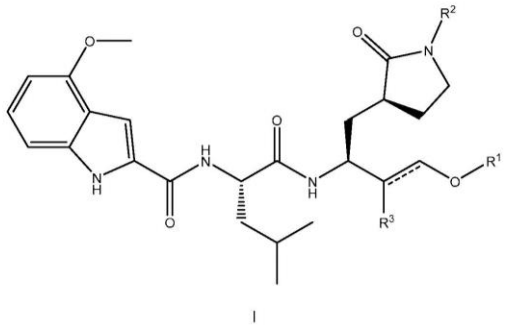
21: 2021/08912. 22: 2021/11/10. 43: 2023/06/28
51: B25B
71: ADvMet (Pty) Ltd
72: BASSON, Christian Ivan, MISSIO, Lorenzo Andrea
33: ZA 31: 2019/03053 32: 2019-05-16
54: A MECHANICAL TENSIONING SYSTEM AND METHOD
00: -
The invention relates to a removable mechanical tensioning system, tool, and a method of stretching a bolt or stud axially, the bolt being located in and attachable to an object via a nut. The system in accordance with the invention comprises an anti-rotation member; and a tensioner device. The anti-rotation member is attachable to both the tensioner device and bolt. The tensioner device is operatively attachable to the bolt via the anti-rotation member. The tensioner device comprises or is operatively coupled to a nut engaging assembly configured to automatically engage and tighten the nut, at a lower torque than the applied tool torque. Displacement of a part of the tensioner device with a holding force applied to the anti-rotation member causes axial stretch of the elongate member and actuation of the nut engaging assembly to bring about displacement of the nut in the transverse direction relative to the stretched elongate member.



21: 2021/08992. 22: 2021/11/12. 43: 2023/07/04
51: A62B
71: FISHER & PAYKEL HEALTHCARE LIMITED
72: LOVE, DAVID JOHN
33: ZA 31: 2020/04960 32: 2020-08-12
54: POSITIVE PRESSURE BREATHING CIRCUIT
00: -
The disclosure relates to a positive pressure breathing circuit and a method for ventilating a patient. The breathing circuit can be used in any type of pressurized breathing therapy including, for example, continuous positive air (way) pressure (CPAP) therapy and bilevel positive air pressure therapy where the inspiratory and expiratory pressures differ.



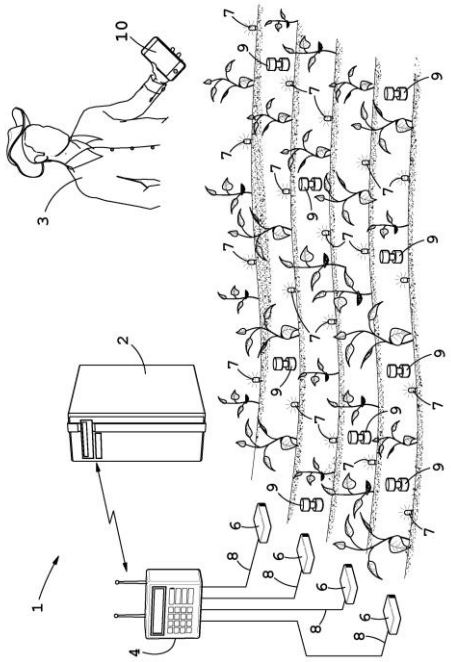
21: 2021/09010. 22: 2021/11/12. 43: 2023/06/30
51: A61K; A61P; C07F
71: Pfizer Inc.
72: BEZAWADA, Padmavani, HAWKING, Emma Louise, HOFFMAN, Robert Louis, JAINI, Rohit, KANIA, Robert Steven, KULKARNI, Samir, LILLIS, Jonathan Richard, LUTHRA, Suman, O'BRIEN LARAMY, Matthew Nathan, OWEN, Dafydd Rhys, PENCHEVA, Klimentina Dimitrova, PETTERSSON, Martin Youngjin, RANE, Anil Mahadeo, SAMMONS, Matthew Forrest, SULLIVAN, Bradley Paul, THIEL, Andrew John, TICEHURST, Martyn David, TUTTLE, Jamison Bryce
33: US 31: 63/005,407 32: 2020-04-05
54: COMPOUNDS AND METHODS FOR THE TREATMENT OF COVID-19
00: -
The invention relates to compounds of formula I wherein R1, R2 and ----- are as defined herein, pharmaceutical compositions comprising the compounds and methods of treating COVID-19 in a patient by administering therapeutically effective amounts of the compounds and methods of inhibiting or preventing replication of SARS-CoV-2 with the compounds.



I

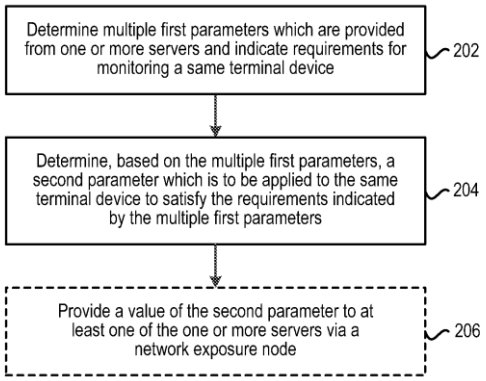
FIG. 1

21: 2021/09169. 22: 2021/11/17. 43: 2023/08/28
51: A01G
71: DIVISION X (PTY) LTD
72: HURDEEN, Rikash Ramrajh, UNSER, Evan James, DELATE, Bryan
33: ZA 31: 2020/05067 32: 2020-08-17
54: A FARM MANAGEMENT SYSTEM
00: -
This invention relates to a farm management system. In accordance with the invention there is provided a farm management system comprising, a server for managing access to the system, storing information related to the system, and providing a user with access to the functions of the system and stored information, a central control unit, located on a premises of the farm, which is in communication with the server and connected to a plurality of nodes which are associated with various portions of the premises, each node being connected to a number of sensors and actuators, which measure aspects of the farming premises and controls aspects of the farming operation, wherein the central control unit and nodes are in communication with and may be controlled by the server by receiving and sending instructions to the nodes via the central control unit in order to manage the farm.



21: 2021/09494. 22: 2021/11/24. 43: 2023/07/21
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: GAN, Juying, XU, Wenliang, MERINO VAZQUEZ, Emiliano, WASS, Mikael
33: CN 31: PCT/CN2019/085329 32: 2019-04-30
54: METHODS AND APPARATUSES FOR CONFIGURATION OF MONITORING FOR TERMINAL DEVICE
00: -
Methods and apparatuses for configuration of monitoring for terminal device are disclosed. According to an embodiment, a subscriber management node determines multiple first parameters which are provided from one or more servers and indicate requirements for monitoring a

same terminal device. The subscriber management node determines, based on the multiple first parameters, a second parameter which is to be applied to the same terminal device to satisfy the requirements indicated by the multiple first parameters.



21: 2021/09568. 22: 2021/11/25. 43: 2023/07/10
51: G01N; G06F
71: UNIVERSITY OF JOHANNESBURG
72: ANDREW, Richard Charles, BALLESTRERO, Sergio, CONNELL, Simon Henry, COOK, Martin Nkululeko Hogan, NEMAKHAVHANI, Thendo Emmanuel
33: ZA 31: 2020/05271 32: 2020-08-25
54: COAL ANALYSIS METHOD AND SYSTEM
00: -
This invention relates to methods and systems for analysing coal. A coal sample is irradiated with photons having an energy within a predetermined energy range at which a giant dipole resonance (GDR) occurs to activate the coal sample by forming positron emitting isotopes of oxygen and/or carbon therein. Photons of a predetermined energy level are emitted from the activated sample as a result of positron annihilation, wherein photons are detected in a temporal fashion in a detection time interval after irradiation. A composition and/or amount of at least oxygen and/or carbon in the coal sample is then determined based on the photons detected temporally in the detection time interval, wherein a determined composition and/or amount of oxygen in the coal sample is representative of the moisture content thereof, and/or wherein a determined composition and/or amount of carbon in the coal sample is representative of the calorific content thereof.

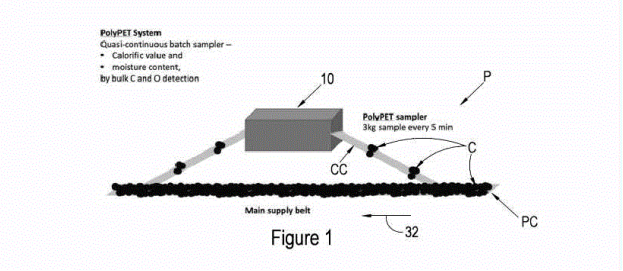
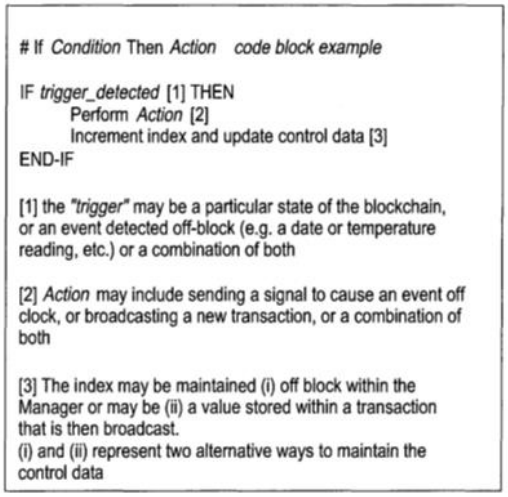


Figure 1

21: 2021/09625. 22: 2021/11/26. 43: 2023/08/28
51: A61P
71: XYLOMED PHARMACEUTICALS BOTSWANA (PTY) LTD
72: PALANE, Mkhululi Patrick William
33: ZA 31: 2020/05369 32: 2020-08-28
33: ZA 31: 2020/07078 32: 2020-11-13
54: TREATMENT OF CORONA VIRUS DISEASE 2019
00: -
This invention relates to treatment of corona virus disease 2019 in patients infected with severe acute respiratory syndrome coronavirus 2. This invention discloses a pharmaceutical composition containing nitazoxanide for use in treating Corona virus disease 2019 in a subject. The pharmaceutical composition contains nitazoxanide in combination with a corticosteroid. It is accordingly an object of this invention to provide treatment of corona virus disease 2019 which, at least partially, alleviates the problems associated with the prior art or provides a useful alternative thereto.

21: 2021/10294. 22: 2021/12/10. 43: 2023/08/25
51: G06N; G06Q
71: NCHAIN HOLDINGS LIMITED
72: WRIGHT, Craig Steven, SAVANAH, Stephane
33: GB 31: 1603114.8 32: 2016-02-23
33: GB 31: 1603112.2 32: 2016-02-23
54: AGENT-BASED TURING COMPLETE TRANSACTIONS INTEGRATING FEEDBACK WITHIN A BLOCKCHAIN SYSTEM
00: -
This invention relates generally to blockchain implementations and is suited for, but not limited to, use with the Bitcoin blockchain. It can be used for the implementation of automated processes such as device/system control, process control, distributed computing and storage and others. The invention provides a solution which uses a blockchain to control a process executing on a computing resource. In a preferred embodiment, the computing

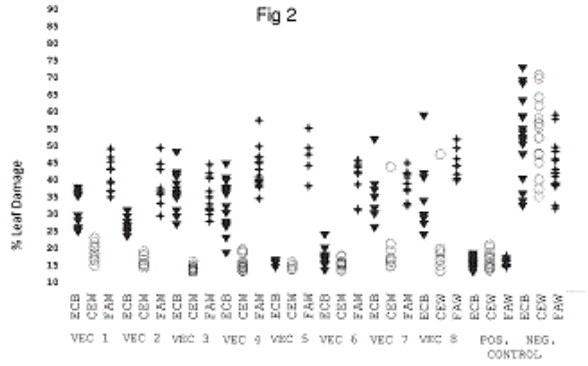
resource, running simultaneously and in parallel to the blockchain, manages a loop-based operation. The computing resource continuously monitors the state of the blockchain as well as any other off-blockchain input data or source. The execution of the loop is influenced by the state of the blockchain. Each iteration of the loop that is executed by the computing resource is recorded in a transaction that is written to the blockchain. It is stored as a hash within the transaction's metadata. If the computing resource finds a transaction which contains a hash relating to the loop it accesses the relevant portion of code. The loop contains a conditional statement which enables the computing resource to decide which action to take. The condition may be dependent upon the state of the blockchain or any other data source. The action can be any type of action, on or off the blockchain. Thus, the combination of the computing resource and blockchain provide a solution which is (at least partially) Turing-complete.



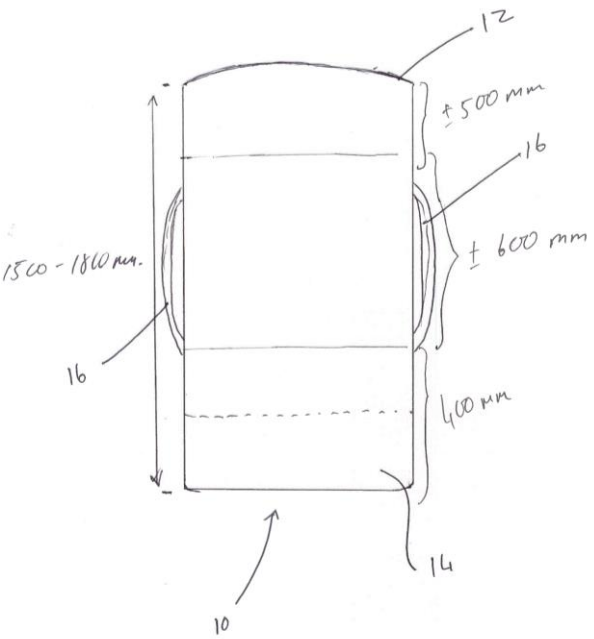
```
# If Condition Then Action   code block example

IF trigger_detected [1] THEN
        Perform Action [2]
        Increment index and update control data [3]
END-IF

[1] the "trigger" may be a particular state of the blockchain,
or an event detected off-block (e.g. a date or temperature
reading, etc.) or a combination of both

[2] Action may include sending a signal to cause an event off
clock, or broadcasting a new transaction, or a combination of
both

[3] The index may be maintained (i) off block within the
Manager or may be (ii) a value stored within a transaction
that is then broadcast.
(i) and (ii) represent two alternative ways to maintain the
control data
```

21: 2021/10474. 22: 2021/12/15. 43: 2023/07/21
51: C07D A61P A61K
71: LG CHEM, LTD.
72: KANG, Seung Wan, PARK, Hee Dong, PARK, Hee Dong, YEO, Su Jin, PARK, Hyun Seo, HONG, Ji Ho, AHN, Hye Won, CHOI, Eun Sil
33: KR 31: 10-2019-0141649 32: 2019-11-07
54: MELANOCORTIN-4 RECEPTOR AGONISTS
00: -
The present invention relates to a compound exhibiting excellent agonist activity against melanocortin receptors. More specifically, the present invention relates to a compound of Formula 1, a pharmaceutical composition comprising the compound as an active ingredient, and a use thereof, and the compound of the present invention exhibits excellent agonist activity against melacortin-4 receptors and can be particularly useful in preventing or treating obesity, diabetes, inflammation and erectile dysfunction.

21: 2022/00412. 22: 2022/01/07. 43: 2023/07/17
51: A01N; C12N
71: PIONEER HI-BRED INTERNATIONAL, INC.
72: BARRY, JENNIFER KARA, DONG, HUA, GERBER, RYAN MICHAEL, PETERSON-BURCH, BROOKE, SCHEPERS, ERIC, WOLFE, THOMAS CHAD, XIE, WEIPING, YALPANI, NASSER, ZHONG, XIAOHONG
33: PCT 31: PCT/US2019/021770 32: 2019-03-12
33: US 31: 62/642,644 32: 2018-03-14
54: INSECTICIDAL PROTEINS FROM PLANTS AND METHODS FOR THEIR USE
00: -
Compositions and methods for controlling pests are provided. The methods involve transforming organisms with a nucleic acid sequence encoding an insecticidal protein. In particular, the nucleic acid sequences are useful for preparing plants and microorganisms that possess insecticidal activity. Thus, transformed bacteria, plants, plant cells, plant tissues and seeds are provided. Compositions are insecticidal nucleic acids and proteins of bacterial species. The sequences find use in the construction of expression vectors for subsequent transformation into organisms of interest including plants, as probes for the isolation of other homologous (or partially homologous) genes. The pesticidal proteins find use in controlling, inhibiting growth or killing Lepidopteran, Coleopteran, Dipteran, fungal, Hemipteran and/or nematode pest populations and for producing compositions with insecticidal activity



21: 2022/00624. 22: 2022/01/13. 43: 2023/07/04
51: A63B
71: SWART, Pieter
72: SWART, Pieter
33: ZA 31: 2020/07077 32: 2020-11-13
54: A SPORT TRAINING AID
00: -
A sport training aid which includes an elongate body which includes a weighted lower portion when mounted in an upright condition, the elongate body further including a target zone for indicating a preferred impact zone when in use, impacting the sport training aid.



21: 2022/00895. 22: 2022/01/19. 43: 2023/08/10
51: B66D
71: COLUMBUS MCKINNON INDUSTRIAL PRODUCTS GMBH
72: STRUCK, Detlef, SCHNEEBECK, Wolfram
33: DE 31: 10 2019 120 036.9 32: 2019-07-24
54: LIFTING GEAR
00: -
The invention relates to lifting gear, in particular a lever hoist (1). This comprises a housing (2) in which a load chain wheel (17) and a driveshaft (20) driving the load chain wheel (17) via a transmission (18) are rotatably mounted, as well as a drive (12), a load pressure brake (16) and a safety brake (30). A load chain (10) can be moved via the load chain wheel (17). The safety brake (30) brings about an emergency braking in the event of excessive rotational speed of the driveshaft (20). The safety brake (30) comprises a locking disc (30) with locking teeth (33) and a control disc (34) with control cams (35), as well as a catch hook (36). The locking disc (32) and the control disc (34) can be rotated in a limited manner in relation to one another. The rotation is limited by a rotation limiter (47). The catch hook (36) is arranged such that it moves in a swivelling manner and has a latch contour (56) at a front end (55) and a sensing contour (61) at a rear end (60). The sensing contour (61) rests on the control disc (34) under the influence of a spring element (44). When a defined rotational speed is exceeded, the sensing contour (61) of the catch hook (36) lifts off the control disc (34). The latch contour (56) rotates towards the locking disc (32) and lockingly engages with a locking tooth (33) of the locking disc (32). The lifting gear is locked after the triggering of the safety brake. In order to release the lock, an unlocking mechanism (63) is provided for returning the locking disc (32) and control disc (34) to their starting position.

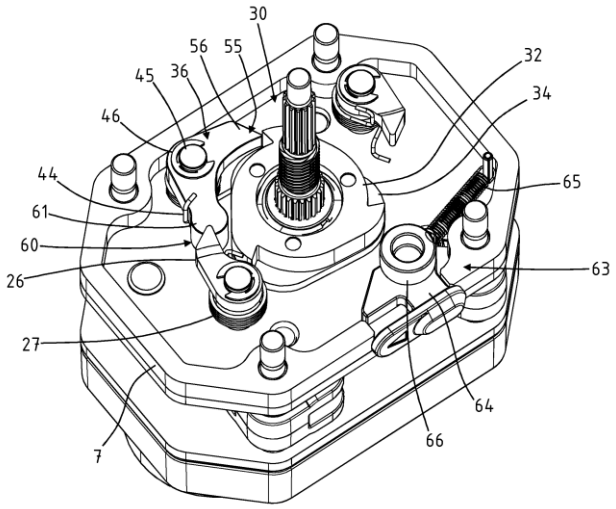
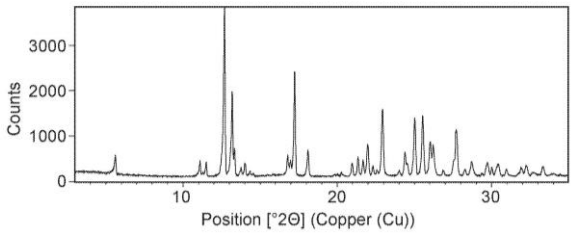
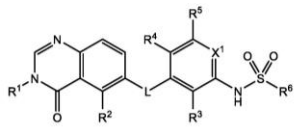


Fig. 4

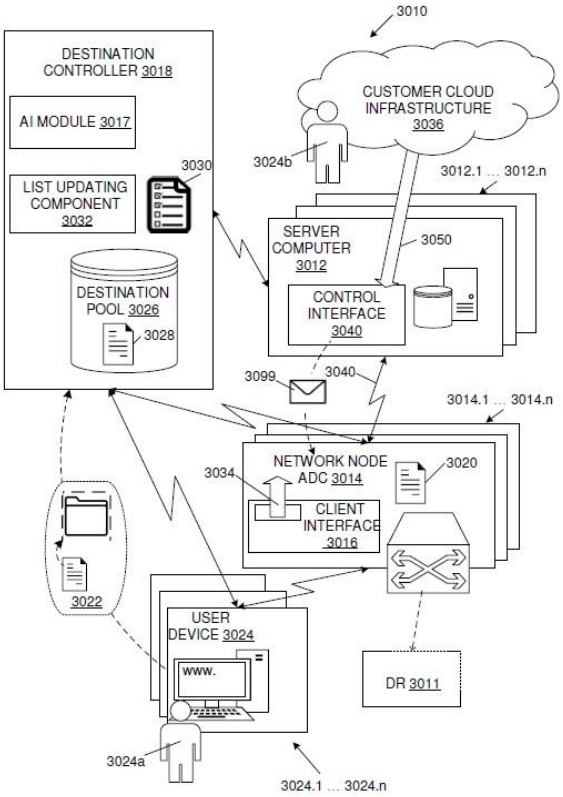
21: 2022/01329. 22: 2022/01/27. 43: 2023/06/30
51: A61K; A61P; C07C; C07D
71: Array BioPharma Inc.
72: BARBOUR, Patrick Michael, BROWN, Katie Keaton, COOK, Adam Wade, HICKEN, Erik James, KAHN, Dean Russell, LAIRD, Ellen Ruth, METCALF, Andrew Terrance, MORENO, David Austin, NEWHOUSE, Bradley Jon, PAJK, Spencer Phillip, PRIGARO, Brett Joseph, REN, Li, TARLTON, Eugene
33: US 31: 62/868,581 32: 2019-06-28
54: QUINAZOLIN-4-ONE DERIVATIVES USEFUL FOR THE TREATMENT OF BRAF-ASSOCIATED DISEASES AND DISORDERS
00: -
Provided herein are compounds of the Formula I: and pharmaceutically acceptable salts, solvates and polymorphs thereof, wherein L, X1, R1, R2, R3, R4, R5 and R6 are as defined herein, for the treatment of BRAF-associated diseases and disorders, including BRAF-associated tumors, including malignant and benign BRAF-associated tumors of the CNS and malignant extracranial BRAF-associated tumors.



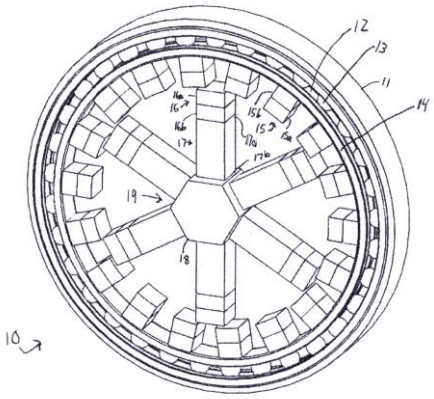
Formula I:



21: 2022/01546. 22: 2022/02/03. 43: 2023/06/02
51: G06F; H04L
71: SNAPT, INC
72: BLAKEY, David Michael, TRENT, Mark Graeme, VAN DER SCHYFF, Willem Nicolaas
33: US 31: 62/878,632 32: 2019-07-25
54: AUTOMATICALLY SCALING A NUMBER OF DEPLOYED APPLICATION DELIVERY CONTROLLERS (ADCS) IN A DIGITAL NETWORK
00: -
There is provided a system and method for automatically scaling a number of deployed application delivery controllers (ADCs) in a digital network. The method is conducted at a destination controller provided or accessed by a server computer. The destination controller receives telemetry data from a plurality of ADCs managed by the server computer. The destination controller also receives multiple data transfer requests originating from a plurality of user devices that are connected to the destination controller. A number of currently deployed ADCs for handling network traffic originating from the plurality of user devices may be detected by the destination controller or by the system. The telemetry data is intelligently processed, and the number of deployed ADCs is automatically scaled, based on the received telemetry data, or based on an output of an Artificial Intelligence (AI) module.



21: 2022/03042. 22: 2022/03/14. 43: 2023/09/14
51: H01L; H02K; H02N
71: TAURUS TECHNOLOGIES HOLDINGS, INC.
72: MAGNUSSON, Marta, MAGNUSSON, Stefan
33: US 31: 16/941,477 32: 2020-07-28
54: PIEZOELECTRIC MOTOR
00: -
A brushless electric motor is disclosed. A group of permanent magnets are physically attached to a group of piezoelectric actuators which push them toward or pull them away from a second group of permanent magnets when the piezoelectric actuators are electrically activated. The second group of permanent magnets may also be pushed and pulled with a second group of piezoelectric actuators. Alternate configurations using electromagnets are also disclosed. A novel configuration for the groups of electromagnets which maximizes efficiency in a piezoelectrically actuated motor is also disclosed.



21: 2022/03163. 22: 2022/03/16. 43: 2023/07/06
51: A61P A61K
71: EUSTRALIS PHARMACEUTICALS LIMITED (TRADING AS PRESSURA NEURO)
72: VANKAN, Pierre, PURSEY, Peter
33: AU 31: 2019903095 32: 2019-08-23
54: THERAPEUTIC METHODS AND USES THEREOF
00: -
This invention relates generally to therapeutic methods comprising the delivery of particular substituted pyridine based compounds for lowering intracranial pressure (ICP), in treating substance P mediated pathways in the brain such as, but not limited to concussion, post-concussive (or post-concussion) syndrome (PCS), chronic traumatic encephalopathy (CTE), traumatic brain injury (TBI) and stroke.

21: 2022/03193. 22: 2022/03/16. 43: 2023/08/17
51: A61K; C12P
71: HERBOLEA BIOTECH S.P.A
72: VENTURINI DEL GRECO, Giovanni, VENTURINI DEL GRECO, Lorenzo, DECORTI, Deborha
54: CANNABINOID CONCENTRATE AND ISOLATE, METHOD OF OBTAINING THE SAME AND USE THEREOF
00: -
The invention relates to a cannabinoid concentrate and isolate with a high content of the acidic forms of the cannabinoids, method of obtaining the same and use thereof comprising providing a lipid extract using i.a. paraffin and subjecting it to specific vacuum distillation.

21: 2022/03399. 22: 2022/03/23. 43: 2023/08/16

51: G21C
71: FRAMATOME
72: BONNAMOUR, Michel, AKARIOUH, Yassmail
33: FR 31: 1910509 32: 2019-09-24
54: NUCLEAR FUEL ASSEMBLY WITH A REINFORCEMENT DEVICE
00: -
The assembly comprises nuclear fuel rods (4) extending along a longitudinal axis (L) and a support skeleton (6) configured to support the nuclear fuel rods (4), the support skeleton (6) comprising two end pieces (8, 10), a plurality of guide tubes (12) connecting the end pieces (8, 10) to each other, spacer grids (14) attached to the guide tubes (12), each spacer grid (14) supporting the nuclear fuel rods (4), the nuclear fuel assembly further comprising at least one reinforcement device (20) comprising at least one reinforcement plate (22) which is in contact with at least two of the guide tubes (12) and attached to one or more of the guide tubes (12) at attachment points (21), each reinforcement plate (22) having at least two attachment points (21) that are offset relative to each other along the longitudinal axis (L).

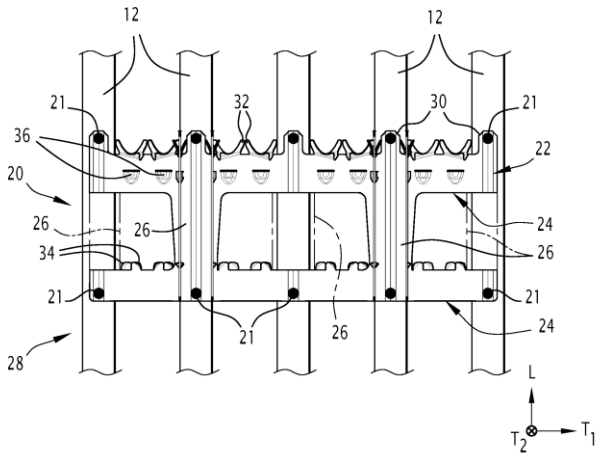
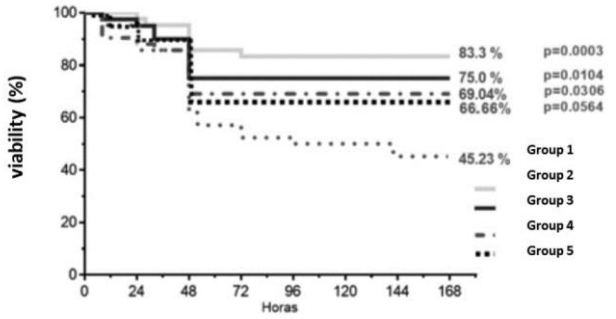


FIG.3

21: 2022/03661. 22: 2022/03/30. 43: 2023/07/21
51: A61K, C07K, A61P
71: CENTRO DE INMUNOLOGIA MOLECULAR
72: RODRÍGUEZ OBAYA, Teresita de Jesus, AMARO GONZÁLEZ, Daniel Enrique, GARCÍA ARTALEJO, Judey Aymed, SOSA TESTÉ, Iliana Maria, SARMIENTO CONDE, Yanara, HERNÁNDEZ DE LA ROSA, Lourdes, DÍAZ GOIRE, Dayli, GIMÉNEZ LÓPEZ, Estela
33: CU 31: 2019-0077 32: 2019-09-05
54: HUMAN RECOMBINANT HYPOSIALYLATED ERYTHROPOIETIN, METHODS OF PURIFICATION AND THERAPEUTIC USES THEREOF
00: -
The present invention relates to the fields of biotechnology and medicine and describes a pharmaceutical composition of recombinant human erythropoietin having a microheterogeneity of fucosylated N-glycans formed by bi, tri and tetra-antennary structures with mono and bi-sialylated sialic acid residues that represent 40-60% of the total glycans, trisialylated ones that represent 40-43% of the total glycans, and tetrasialylated ones that represent 10-13% of the total glycans. This glycosylation pattern confers properties to said composition that allow for its use in disorders of the nervous system. The invention also relates to the method of obtaining said pharmaceutical composition.



21: 2022/03980. 22: 2022/04/07. 43: 2023/08/21
51: F04B; F04C
71: WATSON MARLOW GMBH
72: Dr. Alois KRUTZENBICHLER, Lars FREIHERR VARNBÜLER VON UND ZU HEMMINGEN-REDSCHLAG, Raymond RITSCHKA, Nico HAUG
33: DE 31: 10 2019 128 679.4 32: 2019-10-23
54: CONVEYOR DEVICE AT LEAST FOR CONVEYING A FLUID AND PUMP WITH SUCH A CONVEYOR DEVICE
00: -
The invention relates to a pumping device at least for pumping a fluid, comprising at least one pumping chamber (18), comprising at least one pumping chamber element (20) which at least partially delimits the pumping chamber (18) and which is dimensionally stable, and comprising at least one

elastically deformable, in particular annular, pumping element (22), in particular a pump diaphragm, which delimits the pumping chamber (18) together with the pumping chamber element (20) and which is arranged on the pumping chamber element (20), wherein the pumping element (22) has at least one sealing protrusion (90), which is integrally formed with the main body (76) of the pumping element (22) and is arranged at least partially in a sealing groove (88) of the pumping chamber element (20) in a state in which the pumping element (22) is arranged on the pumping chamber element (20). According to the invention, the pumping chamber element (20) has a counter surface (74) for cooperating with a conveying surface (78) of the main body (76) of the pumping element (22) to convey a fluid, said counter surface extending over at least three consecutive (in particular when viewed as a cross-section) circular arc sections, wherein at least one edge region (92) of the pumping chamber element (20) bordering the sealing groove (88) is arranged, in particular directly, adjacent to at least one of the three circular arc sections.

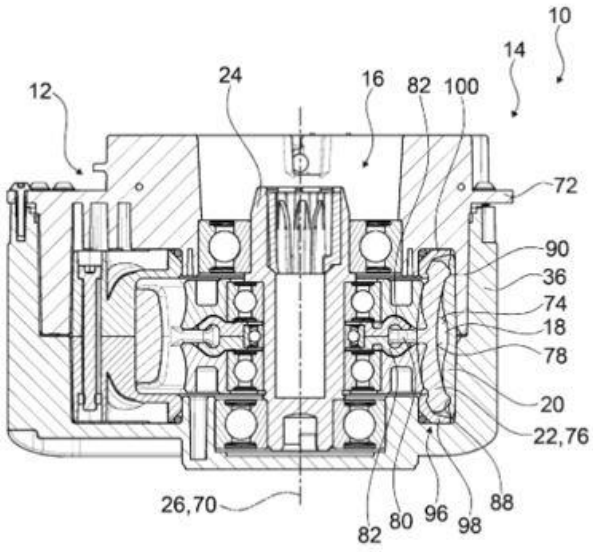


Fig. 4

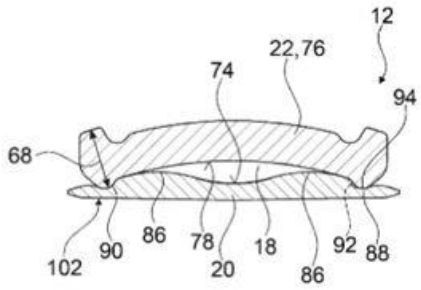
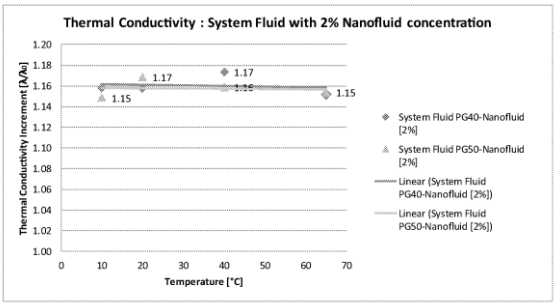


Fig. 8

21: 2022/04196. 22: 2022/04/13. 43: 2023/07/21
51: C09K B82Y
71: HT MATERIALS SCIENCE (IP) LIMITED
72: MICALI, Francesco, DE RISI, Arturo, MILANESE, Marco
33: US 31: 16/577,292 32: 2019-09-20
54: HEAT TRANSFER MIXTURE
00: -

A heat transfer mixture is represented by the formula: 1 = Vpg/Vnf + Vw/Vnf + Vpw/Vnf + Vsf/Vnf + Vbs/Vnf + Vac/Vnf + Vci/Vnf. Vnf is a volume of a nanofluid. Vpg is a volume of propylene glycol. Vw is a volume of water. Vpw is a volume of a nanopowder. Vsf is a volume of a surfactant. Vbs is a volume of a base additive. Vac is a volume of an acid additive. Vci is a volume of a corrosive inhibitor.



21: 2022/04202. 22: 2022/04/13. 43: 2023/07/25
51: A01C
71: AMVAC HONG KONG LIMITED
72: RICE, RICHARD L, CONRAD, LARRY M
33: US 31: 16/598,937 32: 2019-10-10
33: US 31: 17/000,571 32: 2020-08-24
54: SYSTEM AND METHOD FOR TREATING INDIVIDUAL SEEDS WITH LIQUID CHEMICALS DURING THE PLANTING PROCESS
00: -
A system for dispensing liquid agricultural products with seed includes a control system; a seed transport mechanism; an agricultural product supply system; and, a seed brush assembly. The seed transport mechanism is affixed to a seed planter row unit. The agricultural product supply system is configured to dispense agricultural products in response to an output signal from the control system. A brush housing structure of the seed brush assembly receives seed from the seed transport mechanism. A brush of the seed brush assembly has bristles positioned within the brush housing structure. The agricultural product supply system is configured to dispense the liquid agricultural products onto the bristles. The bristles are configured to minimize the resistance associated with the passage of seed past the wetted bristles. The liquid agricultural product is transferred from the brushes onto the seed as the seed is dispensed prior to the seed hitting the ground.

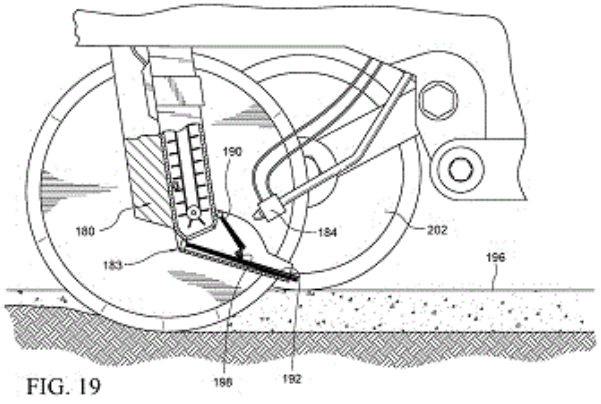


FIG. 19

21: 2022/04442. 22: 2022/04/20. 43: 2023/08/16
51: A61K; C07C; C07D
71: CHEMOCENTRYX, INC.
72: SINGH, Rajinder, YAU, Kwok, ZENG, Yibin, ZHANG, Penglie, LUI, Rebecca M., YANG, Ju, ROTH, Howard S.
33: US 31: 62/932,658 32: 2019-11-08
54: SALT FORMS OF A COMPLEMENT COMPONENT C5A RECEPTOR
00: -
Provided herein are salt forms of a complement component 5a receptor having the formula of Compound 1. Also provided herein are pharmaceutical compositions and methods of treatment using the salt forms of Compound 1, described herein.

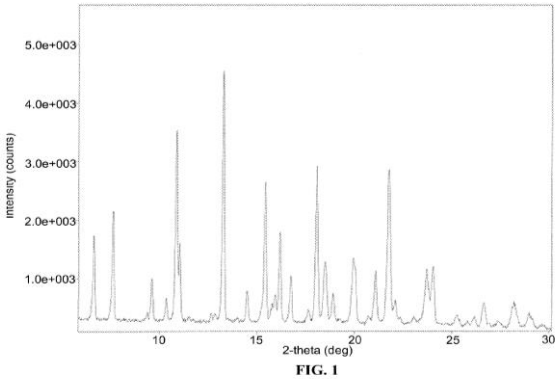
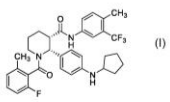
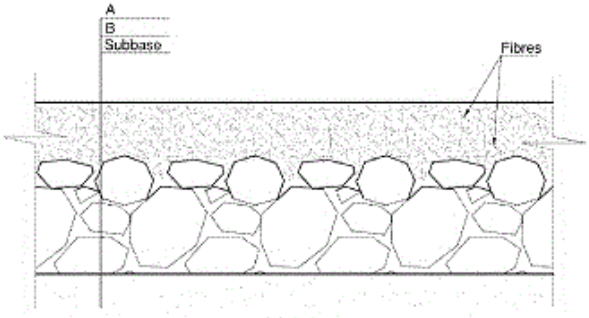


FIG. 1


(I)

21: 2022/05225. 22: 2022/05/11. 43: 2023/07/18
51: E01C
71: PRIMETEH, AS

72: CEPURITIS, ROLANDS, OSLEJS, JANIS, PEASE, BRADLEY JUSTIN, ZEGELIS, ALDIS, KAMARS, JANIS
33: LV 31: P-19-62 32: 2019-11-19
54: A JOINTLESS CONCRETE COMPOSITE PAVEMENT
00: -
The present invention provides a pavement system that avoids the need for traditional contraction joints regardless of dimension of the pavement, a hitherto unknown property for exterior pavements. The concrete composite pavement, comprises (i) a gap-graded concrete first layer; (ii) a flexural-hardening fiber reinforced mortar second layer, wherein the gap-graded concrete comprises cement, water and coarse aggregate with particles size from 4 to 45 mm, preferably, from 8 to 16 mm; the flexural-hardening fiber reinforced mortar comprises cement; water, fine aggregate with a maximum particle size of not greater than 8 mm; fiber reinforcement comprising of synthetic and/or metal fibers having diameter of 10 to 500 microns and length of 3 to 35 mm; wherein the total thickness of the composite pavement is selected depending on the required maximum service point load, using the following formula H=(F/100)0.5x100 mm, where H is the total thickness of the composite pavement and F is maximum service point load; wherein the ratio of the thickness of flexural-hardening fiber reinforced mortar second layer to the total thickness of the composite pavement is within the range of 1:5 to 2:5. The proposed pavement was found to avoid the need for contraction joints in pavements when applied in 100 mm total thickness for a 100 kN back-to-back point load and 50 kN/m² UDL (i.e., total thickness and individual thicknesses of the two materials) while also providing significant improvements to known issues of the materials utilized in the invention.



21: 2022/05452. 22: 2022/05/17. 43: 2023/07/19
51: B01D; C10G; B01J
71: TAKACHAR LIMITED
72: KUNG, KEVIN S, MOHAN, VIDYUT
33: US 31: 62/985,701 32: 2020-03-05
33: US 31: 62/933,684 32: 2019-11-11
54: SYSTEM AND METHOD FOR THE CONTROL OF BIOMASS CONVERSION SYSTEMS
00: -
A system and method for a reactor-based biomass processing comprising: detecting a biomass input, comprising: detecting the biomass type, detecting the biomass quality, comprising detecting the biomass composition including the biomass moisture content, and detecting the biomass quantity; determining an optimized end-product, wherein the end-product is at least partially based on: a selected production target, the biomass input, and on local conditions; and producing the end-product, comprising: monitoring reaction conditions, configuring the reactor for the output production, based at least partially on biomass input, wherein configuring the reactor includes adjusting an oxygen flow rate into the reactor, and implementing a biomass decomposition.

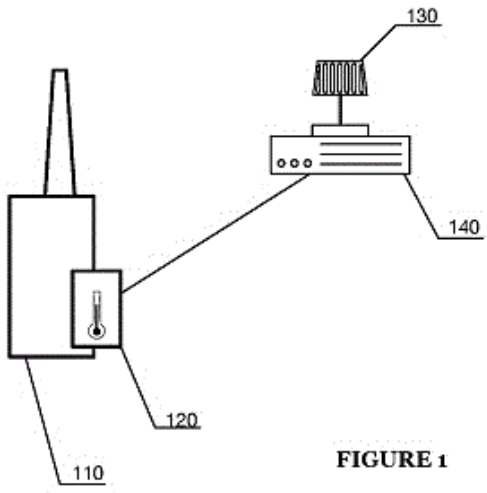
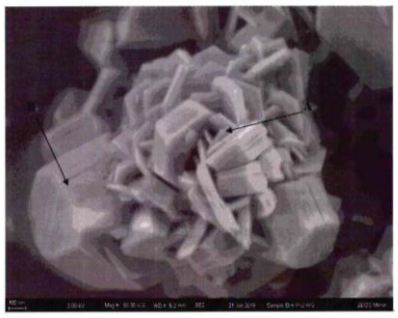


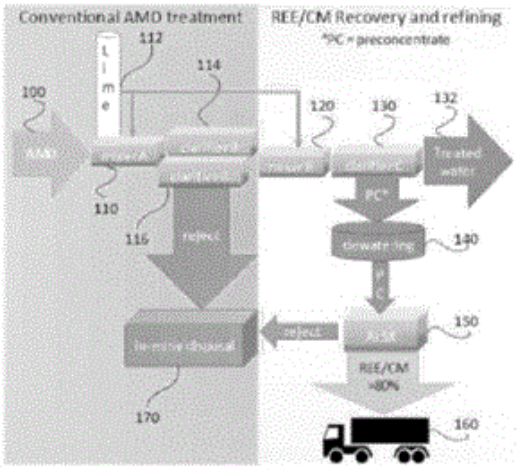
FIGURE 1

21: 2022/05597. 22: 2022/05/20. 43: 2023/09/15
51: H01M
71: CHINA PETROLEUM & CHEMICAL CORPORATION, SHANGHAI RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY, SINOPEC
72: ZHANG, Tongbao, WANG, Biwei, ZHU, Ye, GAO, Huanxin

33: CN 31: 201910990467.8 32: 2019-10-17
33: CN 31: 201910989951.9 32: 2019-10-17
54: LITHIUM BATTERY POSITIVE ELECTRODE MATERIAL PRECURSOR, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF
00: -
Disclosed are a lithium battery positive electrode material precursor, a preparation method therefor and the use thereof. The precursor has a chemical formula of NixCoyMz(OH)2, wherein M is at least one metal selected from Fe, Cr, Cu, Ti, Mg, W, Mo, Nb, Zn, Sn, Zr, Ga, Mn and Al, $0.3 \leq x \leq 1$, $0 < y \leq 0.5$, and $0 < z \leq 0.3$; and the precursor contains a sheet-like single crystal agglomerate and a polyhedral single crystal particle. In the XRD pattern of the precursor, I(001), I(100) and I(101) satisfy the following relationship: I(001)/I(100) is not less than about 1.5, and I(001)/I(101) is not less than about 1.2. The lithium battery positive electrode material prepared using the precursor has an improved electrochemical performance.

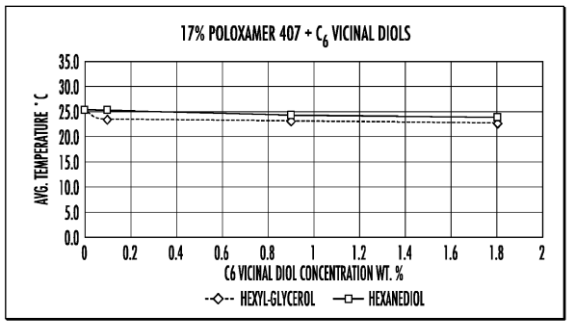


21: 2022/05646. 22: 2022/05/19. 43: 2023/07/05
51: C22B
71: WEST VIRGINIA UNIVERSITY
72: ZIEMKIEWICZ, PAUL, NOBLE, AARON, VASS, CHRIS
33: US 31: 62/875,502 32: 2019-07-17
33: US 31: 16/795,471 32: 2020-02-19
54: SYSTEMS AND PROCESSES FOR RECOVERY OF HIGH-GRADE RARE EARTH CONCENTRATE FROM ACID MINE DRAINAGE
00: -
In one aspect, the disclosure relates to a continuous process for treating acid mine drainage while simultaneously recovering a high-grade rare earth preconcentrate suitable for extraction of commercially valuable rare earth oxides. In a further aspect, the preconcentrate is from about 0.1% to 5% rare earth elements on a dry weight basis. In another aspect, the disclosure relates to a method for processing the preconcentrate to generate a pregnant leach solution that does not form gels or emulsions and is suitable for processing via solvent extraction. In another aspect, the disclosure relates to a system and plant for carrying out the disclosed process. In still another aspect, the disclosure relates to a composition containing rare earth elements produced by the process disclosed herein. This abstract is intended as a scanning tool for purposes of searching in the particular art and is not intended to be limiting of the present disclosure.



21: 2022/05790. 22: 2022/05/25. 43: 2023/07/06
51: A61K A61P A61Q
71: ROCHAL TECHNOLOGIES, LLC
72: SALAMONE, Joseph, C., MCMAHON, Rebecca, Erin, POLEON, Suprena Emanuella, Zariah, SALAMONE, Ann, Beal
33: US 31: 16/665,236 32: 2019-10-28
54: POLOXAMER COMPOSITIONS WITH REDUCED SOL-GEL TRANSITION TEMPERATURES AND METHODS OF REDUCING THE SOL-GEL TRANSITION TEMPERATURE OF POLOXAMER COMPOSITIONS
00: -
The reduction in the sol-gel temperature of aqueous poloxamer surfactant compositions by the addition of hydrophobic vicinal diols is provided. Lowering of the sol-gel temperature and the gelling efficiency of water-soluble poloxamer block copolymers of polyethylene oxide-b- polypropylene oxide-b-polyethylene oxide has been markedly improved by the addition of small amounts of at least one hydrophobic vicinal diol, such as monoalkyl glycols, monoalkyl glycerols, or monoacyl glycerols. The decrease in the sol-gel temperature facilitates gel

formation, and such gels exhibit greater residence time on a surface, particularly those with biological properties.

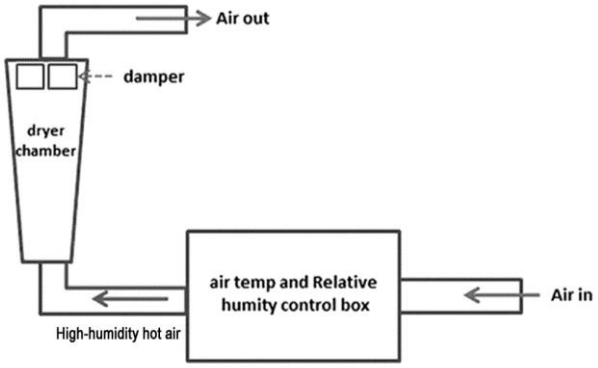


-

21: 2022/06102. 22: 2022/06/01. 43: 2023/07/19
51: A61K; C12N
71: TEMPLE UNIVERSITY-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
72: KHALILI, Kamel, HU, Wenhui
33: US 31: 62/295,390 32: 2016-02-15
33: US 31: 62/298,722 32: 2016-02-23
33: US 31: 62/337,994 32: 2016-05-18
33: US 31: 62/345,520 32: 2016-06-03
33: US 31: 62/363,625 32: 2016-07-18
33: US 31: 62/410,496 32: 2016-10-20
54: EXCISION OF RETROVIRAL NUCLEIC ACID SEQUENCES
00: -
Compositions for the in vivo delivery of a gene editing CRISPR/Cas9 complex was developed to eliminate integrated retroviral DNA sequences from latently infected human cells and animal disease models.

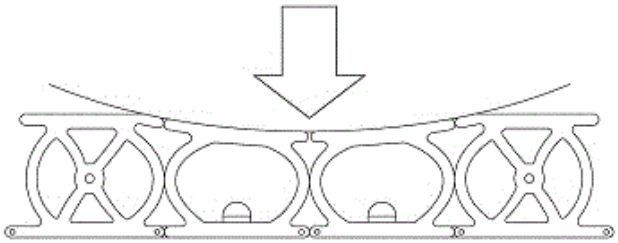
21: 2022/06111. 22: 2022/06/01. 43: 2023/07/24
51: C07K C12N
71: CJ CHEILJEDANG CORPORATION
72: PARK, Hye Min, KIM, So-Yeon, SIM, Hee-jin, LEE, Jin Nam
33: KR 31: 10-2020-0069753 32: 2020-06-09
54: O-PHOSPHOSERINE EXPORT PROTEIN VARIANT AND METHOD FOR PRODUCING O-PHOSPHOSERINE, CYSTEINE, AND DERIVATIVES THEREOF USING THE SAME
00: -
The present application relates to an O-phosphoserine (OPS) export protein variant and a method for producing O-phosphoserine, cysteine, and a derivative of cysteine by using same.

21: 2022/06371. 22: 2022/06/08. 43: 2023/07/24
51: C12Q C12N
71: CJ CHEILJEDANG CORPORATION
72: LIM, Hwayeon, KIM, Min Jong, OH, Changyub, KIM, Il Chul, KIM, Gyeonghwan, KIM, Yu Shin
33: KR 31: 10-2019-0149798 32: 2019-11-20
54: NUCLEIC ACID PURIFICATION METHOD
00: -
The present invention relates to a method for refining nucleic acids and particularly to a method for refining nucleic acids, comprising: a first step for crystallizing nucleic acids by means of a solution comprising a hydrophilic organic solvent; and a second step for drying the crystallized nucleic acids by means of highly humid and hot air.

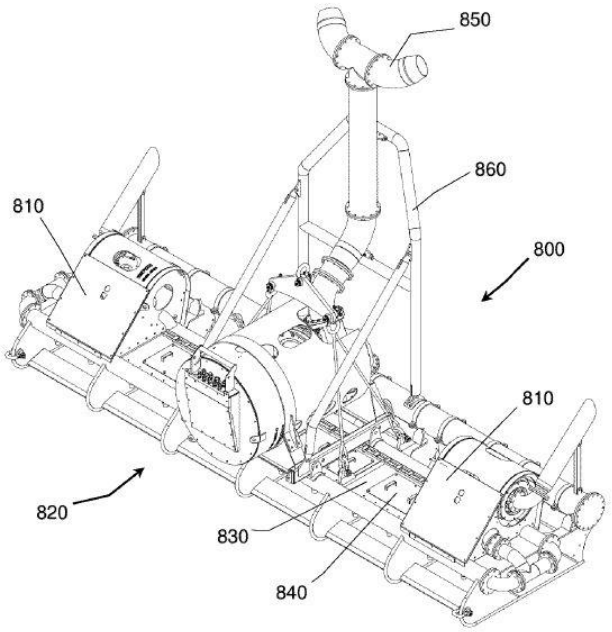


21: 2022/06379. 22: 2022/06/08. 43: 2023/07/11
51: B60N
71: SHOCK-WBV LIMITED
72: BROWN, GRAHAM, COE, TOM
33: GB 31: 1916440.9 32: 2019-11-12
54: A SHOCK MITIGATION SEAT AND SHOCK MONITORING SYSTEM
00: -
A shock mitigation seat 10 includes a plurality of individual shock absorbing members 16 resilient to compression from a shock impact. The shock absorbing members 16 are positioned one adjacent another and such that at a certain stage of compression an individual shock absorbing member 16 resiliently deforms and comes into contact with one or more adjacent individual shock absorbing members 16 which thereby increases resistance to further compression. The seat may be incorporated in a shock mitigation system 50 which has at least one sensor operable to detect a force and to provide a feedback signal indicative of the nature of the force and a memory record the incidence and severity of

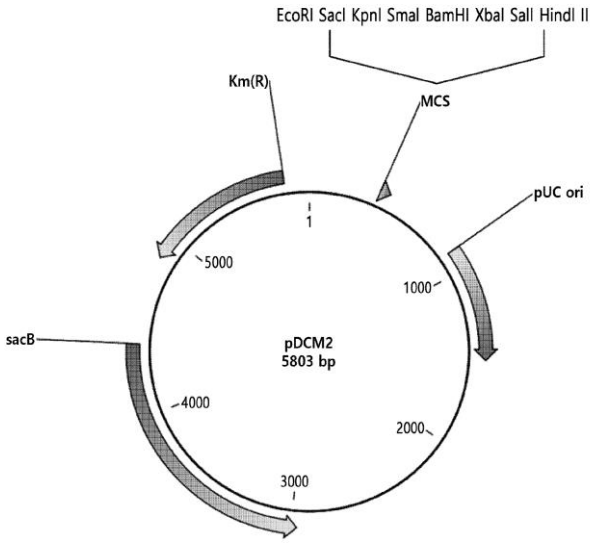
these forces and provides an indication of cumulative forces absorbed



21: 2022/06526. 22: 2022/06/13. 43: 2023/08/21
51: E02F
71: HARWICH HAVEN AUTHORITY
72: Jeremy David WARNER
33: GB 31: 1916776.6 32: 2019-11-18
33: GB 31: 2007660.0 32: 2020-05-22
54: DREDGING METHOD AND APPARATUS
00: -
A method of dredging which comprises suspending dredging apparatus 200 from a vehicle 360. The sediment agitating apparatus comprising a chassis 210, and mounted on the chassis are an extractor, sediment agitating apparatus and respective pumps 220, 230. The dredging apparatus 200 is disposed above, but not in contact with a waterbed 340 to be dredged of sediment 350. The sediment 350 is agitated then extracted with the extractor. The dredging apparatus 200 is moved around the water and the extracted sediment 400 is deposited underwater and above the dredging apparatus 200, so that the sediment 400 is transported and deposited away from an area being dredged by the natural movement of the water. Apparatus and use of the apparatus are also described.



21: 2022/06643. 22: 2022/06/15. 43: 2023/07/24
51: C07K C12N C12P
71: CJ CHEILJEDANG CORPORATION
72: KIM, Seo Yun, CHO, Seung Hyun, LEE, Jae Min, BAEK, Min Ji
33: KR 31: 10-2019-0172055 32: 2019-12-20
54: MUTANT OF INNER MEMBRANE PROTEIN, AND METHOD FOR PRODUCING TARGET PRODUCT BY USING SAME
00: -
The present application relates to: a mutant of YjeH, which is an inner membrane protein, a microorganism comprising same; and a method for producing a target product by using same.



21: 2022/06644. 22: 2022/06/15. 43: 2023/07/24
51: A23L
71: DONALDSON COMPANY, INC.
72: OTTERSTATTER, Matthew R., SHRIKHANDE, Prashant V.
33: US 31: 62/938,718 32: 2019-11-21
54: SYSTEM AND METHOD FOR FILTERING BEVERAGES
00: -
A method for preparing a filtered beverage includes filtering a raw beverage using a cross-flow ultrafiltration device to produce a solids fraction and a liquid fraction; heating the solids fraction to a temperature of 60°C or greater to produce a pasteurized solids fraction; microfiltering the liquid fraction through a microfilter having a size cut-off of 1 µm or smaller to produce a microfiltered liquid fraction; and combining the pasteurized solids fraction and the microfiltered liquid fraction to result in the filtered beverage.

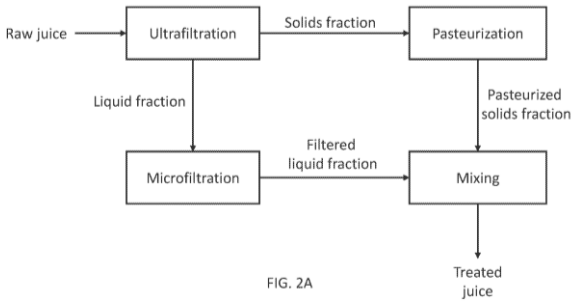
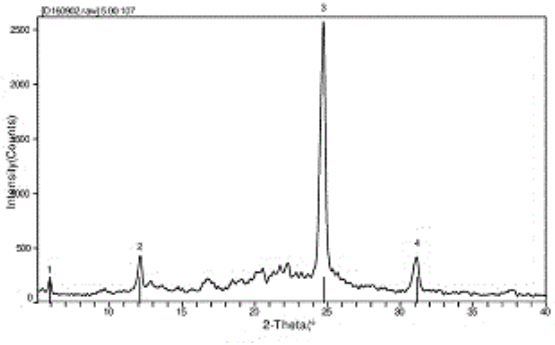


FIG. 2A

21: 2022/06666. 22: 2022/06/15. 43: 2023/07/31
51: C07F; C07C; C07H; G01N; A61K; A61P
71: XI'AN XINTONG PHARMACEUTICAL RESEARCH CO., LTD.
72: GAO, ZHONGQIANG, GUO, WEIBO, HE, KAIMIN, TIAN, DAN, ZHANG, DENGKE, JIN, WEILI, ZHANG, HAIFENG, SUN, JIANGKAI
33: CN 31: 202010376938.9 32: 2020-05-07
33: CN 31: 202010391424.0 32: 2020-05-11
33: CN 31: 202010376833.3 32: 2020-05-07
54: CRYSTAL FORM FOR TREATING LIVER DISEASE AND USE THEREOF
00: -
Provided in the present invention is a crystal form for treating a liver disease of tenofovir phosphate(9-[(2R)-2-[(2R,4S)-4-(3-chlorophenyl)-2-oxo-1,3,2-dioxaphosphorinane-2-methoxy]propyl]adenine fumarate), paladovir mesylate((+)-cis-9-{2-[4-[(S)-(3-chlorophenyl)-2-oxo-1,3,2-dioxaphosphorinane-2-methylene]-1-ethyl}adenine mesylate), cytarabine prodrug(4-amino-1-[5-O-(2R,4S)-2-oxy-4-(4-pyridine)-1,3,2-dioxaphosphorinane-2]-β-D-arabinofuranosyl-2(1H)-pyrimidinone; MB07133), etc. Further provided in the present invention are a pharmaceutical composition comprising the crystal form and a use thereof in the preparation of medicines.



21: 2022/07323. 22: 2022/07/01. 43: 2023/07/04
51: G01S
71: PLOTLOGIC PTY LTD
72: JOB, Andrew, EDGAR, Michael
33: AU 31: 2019904547 32: 2019-12-02
54: REAL TIME MINE MONITORING SYSTEM AND METHOD
00: -
The present invention relates to a method for detecting changes in the ore grade of a rock face in near real time. The method includes the step of providing a scanning system having at least a hyperspectral imager, a position system, a LiDAR or

range determination unit and computational resources. Further, the method involves determining a precise location of the scanning system utilising the position system. The rock face is scanned with the range determination unit to determine rock face position information. The method involves scanning the rock face with the hyperspectral imager to produce a corresponding rock face hyperspectral image. Further the method involves utilising the computational resources to fuse together the rock face position information and the corresponding rock face hyperspectral image to produce a rock face position and content information map of the rock face.

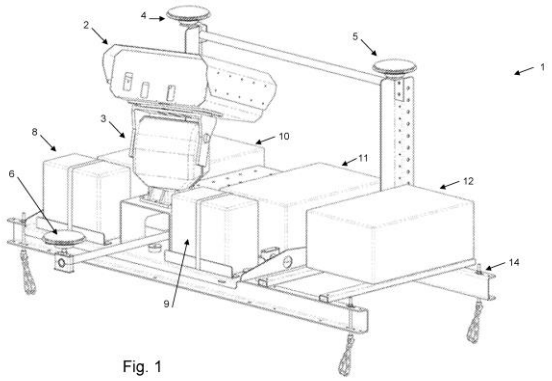


Fig. 1

21: 2022/07391. 22: 2022/07/04. 43: 2023/07/25
51: C07K; A61K; A61P
71: WORG PHARMACEUTICALS (ZHEJIANG) CO., LTD.
72: SCHURGERS, EVELIEN, HOEDEMAEKERS, BRECHT, JANSSON, LISELOTTE
33: GB 31: 1919222.8 32: 2019-12-23

54: A COMPOSITION COMPRISING S-ARRESTIN PEPTIDES

00: -

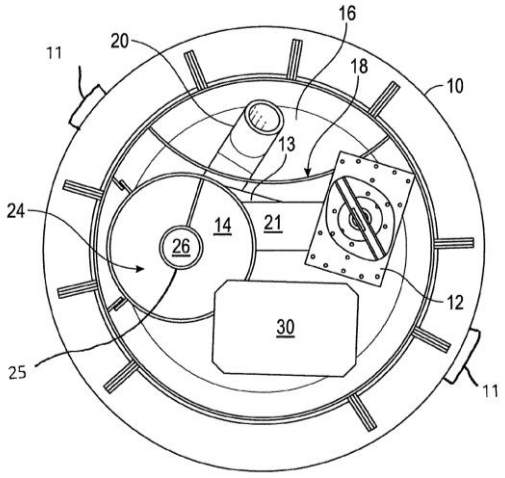
The present invention relates to a composition which comprises peptides derived from S-Arrestin (retinal arrestin, S-antigen, S-Ag). The composition or peptides may be useful in the prevention and/or suppression of S-Ag autoimmunity, which is useful in the treatment and/or prevention of uveitis.

21: 2022/07478. 22: 2022/07/06. 43: 2023/07/24
51: C22B H01M
71: PYROTEK, INC.
72: HORSFALL, Andrew, JETTEN, Peter
33: US 31: 62/945,736 32: 2019-12-09

54: MOLTEN LEAD SCRAP SUBMERGENCE APPARATUS

00: -

A system for melting lead scrap pieces. The system includes a vessel. A vortexing chamber is disposed in the vessel. The vortexing chamber includes an inlet, an outlet and an open top configured to receive lead pieces. A pump is disposed in the vessel and directs molten lead to the inlet of the vortexing chamber. A dross dam divides the vessel into a first region and a second region. The vortexing chamber is disposed in the second region and a conduit extends between the vortexing chamber outlet and the first region. A transfer pump is disposed in the second region and is configured for removal of molten lead from the vessel. The system allows dross to be skimmed from a surface of the molten lead bath in the first region.



21: 2022/09336. 22: 2022/08/19. 43: 2023/09/12
51: C04B
71: GREENJAMS BUILDTECH PRIVATE LIMITED
72: JAMI, Tarun
33: IN 31: 202041002654 32: 2020-01-21

54: A VEGETAL CONCRETE MASONRY UNIT AND METHOD AND SYSTEM FOR MANUFACTURE THEREOF

00: -

The present invention relates to an economically sustainable vegetal masonry unit and the method and system (10) for manufacturing of the same wherein the vegetal masonry unit comprises of crop residues, binder and PFA pulverized fuel ash along with water, wherein the system comprising a lime silo (12) containing hydrated lime which is mixed

with ground granulated blast furnace slag (14) and a activator powder (16) in a ribbon blender (18) to form a binder which is stored in a binder silo (20), a raw crop residue from the storage (22) is mixed with water (24) and sodium hydroxide (26) in the stainless steel cooker (28), the mixture obtained from the stainless steel cooker (28) is fed to the wet washing (30) and subsequently to the cooked crop residue hopper (32). The cooked crop residues from hopper (32), binder from the binder silo (20) and PFA pulverized fuel ash hopper (36) are mixed with water (38) in a pan mixer (34), wherein, the wet mix of the pan mixer (34) are casted into molds using hydraulic block machine (40) with a high compacting pressure, and then transported to the stock yard.

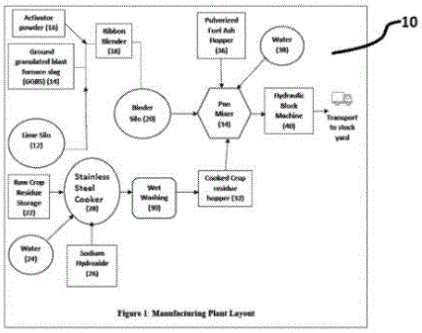


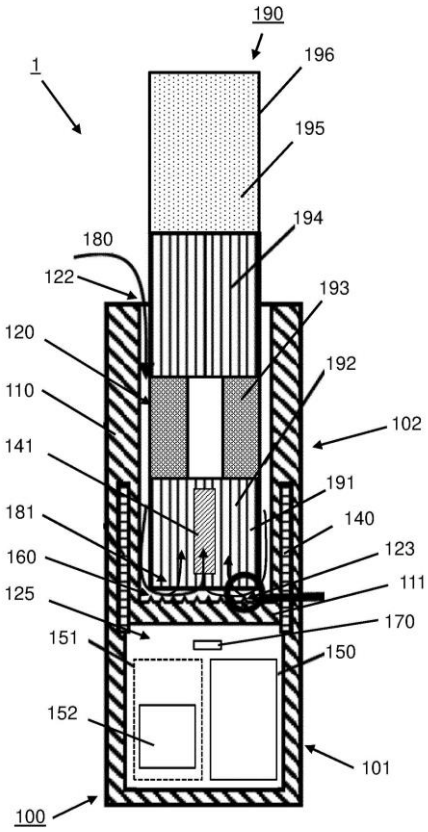
Figure 1: Manufacturing Plant Layout

21: 2022/09822. 22: 2022/09/02. 43: 2023/09/07
51: A24F
71: PHILIP MORRIS PRODUCTS S.A.
72: OLIANA, Valerio
33: EP 31: 20155847.5 32: 2020-02-06

54: ELECTRICALLY OPERATED AEROSOL-GENERATING DEVICE WITH MEANS FOR DETECTING AN AIRFLOW IN THE DEVICE

00: -

The present invention relates to an electrically operated aerosol-generating device for generating an aerosol. The device comprises an air path which extends through the device and is configured to support an airflow in the device. The device further comprises a sound generating member which is arranged in fluid communication with the air path and configured to generate sound caused by an airflow passing the sound generating member in use of the device when a user takes a puff. The device further comprises a puff detector comprising a vibration sensor. The vibration sensor is fluidly separated from the air path and configured to detect the sound propagating from the sound generating member to the vibration sensor. The invention further relates to an aerosol-generating system comprising such a device and an aerosol-generating article comprising the aerosol-forming substrate.



21: 2022/10156. 22: 2022/09/13. 43: 2023/09/14
51: A61K; A61P
71: APLAGON OY
72: LASSILA, Riitta
33: GB 31: 2006960.5 32: 2020-05-12

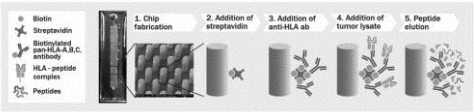
54: AN ANTITHROMBIC MOLECULE HAVING APAC ACTIVITY FOR THE PREVENTION AND/OR TREATMENT OF THROMBOCYTOPENIA

00: -

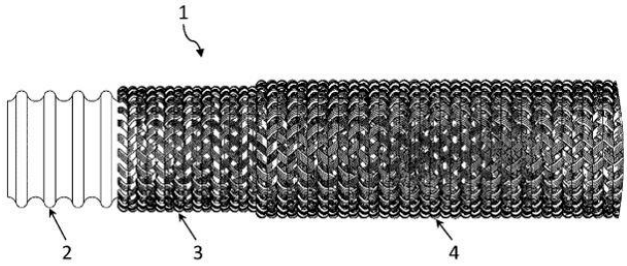
The invention relates to an anti-thrombotic molecule having both anti-platelet and anti-coagulant (APAC) activity and, in particular, its use as a medicament to prevent and/or treat heparin-induced thrombocytopenia (HIT) type I or II; and/or heparin-induced thrombocytopenia and thrombosis (HITT); and/or heparin-independent thrombocytopenia autoimmune HIT (aHIT); and/or vaccine-induced thrombocytopenia and thrombosis (VITT). The

invention has use in both the medical and veterinary industries.

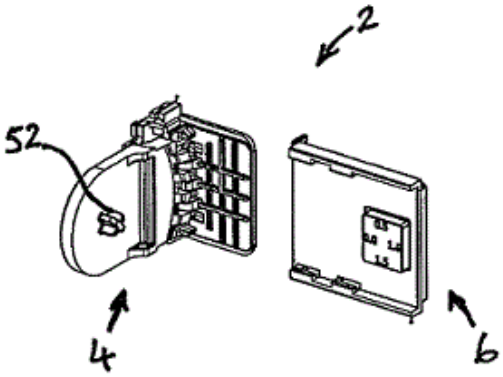
21: 2022/10302. 22: 2022/09/16. 43: 2023/09/14
51: G01N; G16B
71: UNIVERSITY OF HELSINKI
72: CERULLO, Vincenzo, CAPASSO, Cristian, SIKANEN, Tiina, FEOLA, Sara, TÄHKÄ, Sari, CHIARO, Jacopo
33: GB 31: 2006760.9 32: 2020-05-07
54: BIOINFORMATICS
00: -
The invention concerns a device for tumour antigen identification and a method for tumour antigen identification; a tumour antigen identified following use of said device and/or method; a pharmaceutical composition comprising said tumour antigen; a method of treating cancer using said device and/or said method; a method of stratifying patients for cancer treatment using said device and/or said method; a treatment regimen involving stratifying patients for cancer treatment using said device and/or method and then administering a cancer therapeutic; and a tumour antigen identified using said device and/or said method for use as a cancer vaccine or immunogenic agent or cancer therapy.



21: 2022/10874. 22: 2022/10/03. 43: 2023/08/21
51: E03C; F16L
71: NEOPERL GMBH
72: Jürgen HÖPPNER, Daniel OECHSLE, Holger REINHARDT
33: DE 31: 20 2020 102 599.6 32: 2020-05-08
54: SHOWER HOSE, SERIES OF SHOWER HOSES, USE OF A BRAIDING AND METHOD FOR PRODUCING A SHOWER HOSE
00: -
The invention relates to improvements in the technical field of shower hoses. To this end, a shower hose (1) is proposed, which has an inner hose (2), a first braiding (3) and an additional braiding (4).

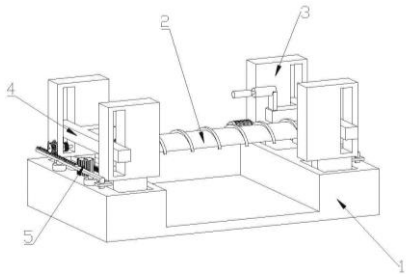


21: 2022/12226. 22: 2022/11/09. 43: 2023/05/23
51: E06B
71: LOUVER-LITE LIMITED
72: GREENING, Andrew
33: GB 31: 2005640.4 32: 2020-04-17
54: A MOUNTING BRACKET
00: -
A Mounting Bracket A mounting bracket for a window blind including a resiliently deformable friction element, and a hinge assembly, wherein the hinge assembly includes a hinge lever member hingedly coupled to a hinge plate, wherein the hinge lever member has a first configuration in which it lies adjacent to the hinge plate, and a second configuration in which it is angled away from the hinge plate; the resiliently deformable friction element is slidably coupled to the hinge plate and extends from one end thereof; and the hinge lever member exerts a cam action on the resiliently deformable friction element, wherein the resiliently deformable friction element is urged away from the hinge plate as the hinge lever member rotates from its first configuration to its second configuration.

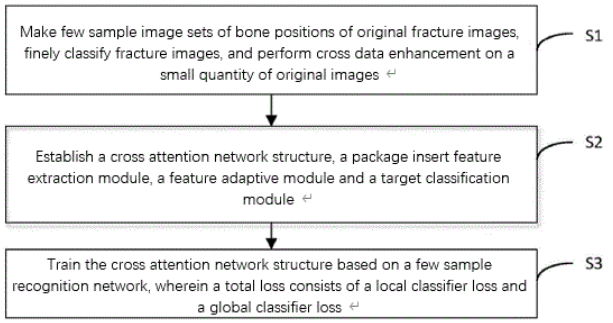


21: 2022/12393. 22: 2022/11/14. 43: 2023/08/21
51: B65G
71: ANHUI SHENGFANG MACHINERY MANUFACTURING CO., LTD.

72: ZHANG, Bin, LI, Yong, ZONG, Jianshe, HUA, Wenkang, HUA, Shuo, LI, Li
33: CN 31: 202210403186.X 32: 2022-04-18
54: BELT ADJUSTING CARRIER ROLLER FOR SMALL ANGLE FINE ADJUSTMENT
00: -
Disclosed is a belt adjusting carrier roller for small angle fine adjustment. The adjusting carrier roller comprises a base and an anti-skid carrier roller. The base is slidably provided with a supporting device for adjusting a position of the anti-skid carrier roller. The supporting device is slidably provided with a compression roller assembly. The base is provided with a driving device. The driving device is configured to drive the supporting device to slide on the base and to drive the compression roller assembly to slide on the supporting device. The adjusting carrier roller disclosed by the present invention is capable of driving an L-shaped supporting rod to be lifted to a second gear by starting an air cylinder, and finally, the L-shaped supporting rod is lifted till a second rack is engaged with the second gear. By adopting a motor, a supporting plate can be driven to slide relatively so as to adjust a horizontal distance between a compression roller column and a carrier roller body. A slide bar can further be driven simultaneously to ascend and descend on the supporting plate so as to adjust a height distance between the compression roller column and the carrier roller body. By observing a scale, the angle accuracy for small angle fine adjustment can be controlled, so that it is guaranteed that a belt is uniformly stressed.

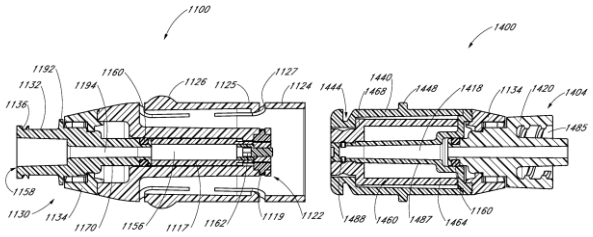


21: 2022/12463. 22: 2022/11/15. 43: 2023/08/21
51: G06T
71: Union Hospital, Tongji Medical College, Huazhong University of Science and Technology
72: Tongtong Huo, Zhewei Ye, Zhe Dong, Fei Gao, Mao Xie, Lin Lu, Pengran Liu, Songxiang Liu, Jiayao Zhang, Yi Xie
33: CN 31: 202210126442.5 32: 2022-02-10
54: CONSTRUCTION METHOD OF FINE FRACTURE IMAGE RECOGNITION NETWORK BASED ON CROSS-ATTENTION MECHANISM
00: -
The invention discloses a fracture image fine recognition network construction method based on a cross attention mechanism, and mainly relates to the field of medical image processing. Comprising the following steps: obtaining a sample data set of an original fracture image, carrying out manual classification and labeling, and carrying out cross data enhancement; constructing a cross attention network structure comprising a feature extraction module, a feature adaptive module and an image classification module; and establishing a total loss model, and training a cross attention network structure. The method has the beneficial effects that the technical problem that the image cannot be effectively recognized due to the fact that the existing few-sample image recognition algorithm is actually used for different domains and different recognition tasks can be solved.



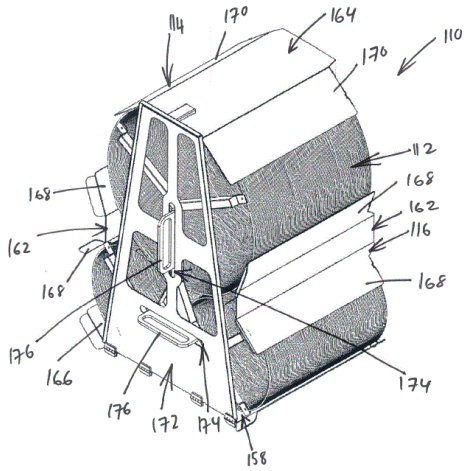
21: 2022/12545. 22: 2022/11/17. 43: 2023/09/05
51: A61M
71: ICU MEDICAL, INC.
72: FANGROW, Thomas F.
33: US 31: 61/533,138 32: 2011-09-09
33: US 31: 61/557,793 32: 2011-11-09
33: US 31: 61/579,582 32: 2011-12-22
33: US 31: 61/607,429 32: 2012-03-06
33: US 31: 61/692,516 32: 2012-08-23
54: MEDICAL CONNECTORS WITH FLUID-RESISTANT MATING INTERFACES
00: -
A connector system for medical fluid includes a male connector and a female connector that have a closed configuration when detached from one another. The first end of the male connector is

configured to mate with a first end of the female connector. When the male connector is coupled with the female connector, complementary structures engage to move seals away from ports in the male connector and the female connector, opening a fluid pathway through the connectors. The mating ends of the connectors are not exposed to the medical fluid when the connectors are coupled so that when the connectors are disconnected, the mating ends are substantially free of residual medical fluid.



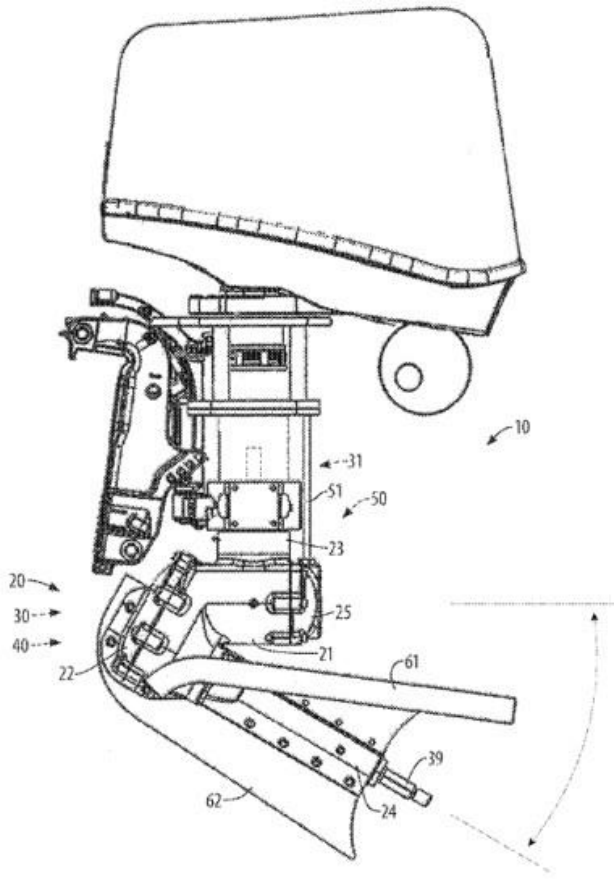
21: 2022/12703. 22: 2022/11/22. 43: 2023/01/24
51: A61K
71: CELLIX BIO PRIVATE LIMITED
72: KANDULA, Mahesh
33: IN 31: 202041021891 32: 2020-05-26
33: IN 31: 202041027318 32: 2020-06-27
54: PHARMACEUTICAL FORMULATIONS OF PILOCARPINE R-(+)-LIPOATE
00: -
The present invention relates to a pharmaceutical formulations and compositions comprising cholinergic agonist agents such as pilocarpine-R-(+)-lipoate or its salt, solvate, or hydrate thereof for oral administration with improved compliance, safety, and bioavailability. It further discloses methods of preparing the formulations and its use for the treatment of xerostomia, dry mouth and Sjogren's syndrome.

21: 2022/12905. 22: 2022/11/28. 43: 2023/09/06
51: E04H
71: RAS, Shaun, Adrian
72: RAS, Shaun, Adrian
33: ZA 31: 2021/06171 32: 2021-08-26
33: ZA 31: 2022/00612 32: 2022-01-13
54: A SECURITY DEVICE
00: -
A security device including a barrier arrangement fastened at one end region thereof to an anchoring member, the barrier arrangement being displaceable between an inoperative retracted condition and an operative extended condition wherein passage thereacross is hindered, a housing for housing the barrier arrangement in the inoperative retracted condition, which housing is defined at least in part by the anchoring member, and a handling arrangement fastened to a second end region of the barrier arrangement for allowing handling and displacement thereof between the inoperative retracted condition and the operative extended condition.

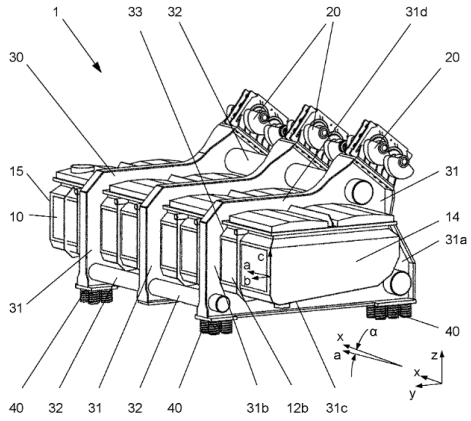


21: 2022/13176. 22: 2022/12/05. 43: 2023/09/04
51: B63H
71: Brian PROVOST
72: Brian PROVOST
33: US 31: 16/908,326 32: 2020-06-22
54: VERTICAL-INPUT OUTBOARD-MOTOR FORWARD-REVERSE ANGLED-DRIVE LOWER UNIT
00: -
A vertical-input outboard-motor angled-drive lower unit apparatus and method for improved operations in shallow, muddy, marshy water or water choked with vegetation or obstacles. Vertically applied single-direction rotational power from an outboard motor engine is transferred to operator-controlled forward and reverse rotational power applied at an acute angle to the horizontal water surface. The apparatus is cooled by an external flow of water without being taken into any port which might become blocked. A thrust redirection plate reflects otherwise wasted propeller thrust, especially when operating in reverse, for more efficient operation and reduced churning of the water surface. An angled

skeg and the angled orientation of the output shaft and housing deflect obstructions.

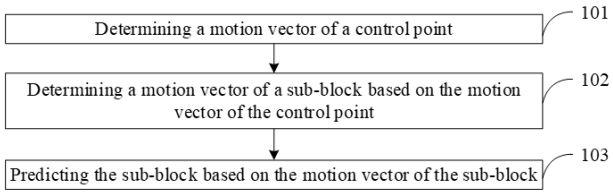


21: 2022/13223. 22: 2022/12/06. 43: 2023/08/28
51: B29B; B65G
71: VIBRA MASCHINENFABRIK SCHULTHEIS GMBH & CO.
72: SCHULTHEIS, Winfried
54: HEAVY LOAD VORTEX INTERNAL APPARATUS FOR HANDLING PLASTIC GRANULAR MATERIAL, AND METHOD RELATED THERETO
00: -
The invention relates to a heavy load vortex internal apparatus (1) for handling plastic granular material, comprising a vibration channel (10) for receiving plastic granular material, which vibration channel has a channel floor (11) and two side walls (12a, 12b) which are opposite each other, wherein the length of the vibration channel (10) is greater in the longitudinal direction (a) than the maximum height and width of a channel cross section perpendicular to the longitudinal direction; at least two vibration generators (20) for generating a vibration excitation which has a transverse component (y) perpendicular to a plane formed by the longitudinal direction (a) and the vertical direction (z); and at least two channel carriers (31) which are spaced apart from each other in the longitudinal direction (a) of the vibration channel (10), each supporting the channel floor (11) and the side walls (12a, 12b) from the outside and furthermore bridging the vibration channel (10) on the side opposite the channel floor (11), wherein one of the vibration generators (20) in each case is fastened to at least two of the channel carriers (31). The invention furthermore relates to a method for crystallization of plastic granular material which tends to stick together.



21: 2022/13227. 22: 2022/12/06. 43: 2023/07/25
51: H04N
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: YANG, Ning
33: CN 31: 202010746227.6 32: 2020-07-29
54: INTER-FRAME PREDICTION METHOD, ENCODER, DECODER, AND COMPUTER STORAGE MEDIUM
00: -
Disclosed in embodiments of the present application are an inter-frame prediction method, an encoder, a decoder, and a computer storage medium. The method comprises: a decoder parsing a code stream to obtain a prediction mode parameter of the current block; if the prediction mode parameter indicates that an inter-prediction value of the current block is determined using an inter-frame prediction mode, determining a first motion vector of a sub-block of

the current block, wherein the current block comprises a plurality of sub-blocks; determining, on the basis of the first motion vector, a first prediction value of the sub-block and a motion vector deviation between a pixel position and the sub-block, wherein the pixel position is the position of a pixel within the sub-block; determining a filter coefficient of a two-dimensional filter according to the motion vector deviation, wherein the two-dimensional filter is used for performing secondary prediction processing according to a preset shape; and determining a second prediction value of the sub-block on the basis of the filter coefficient and the first prediction value, and determining the second prediction value as an inter-frame prediction value of the sub-block.

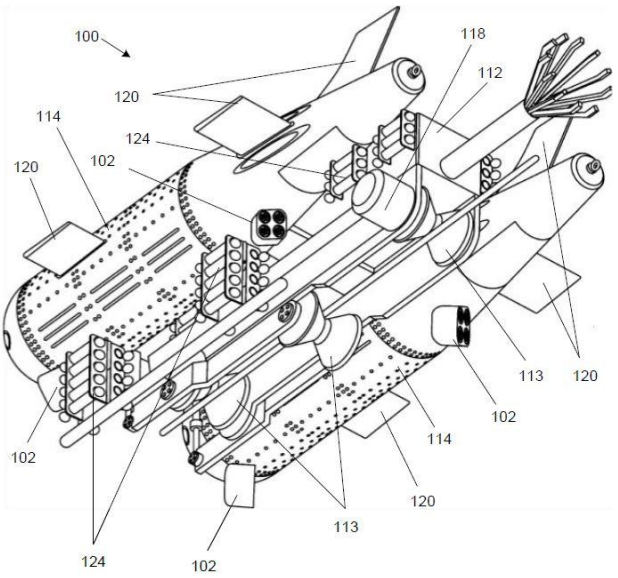


21: 2022/13350. 22: 2022/12/09. 43: 2023/09/04
51: B63B; B63C; B63G; H02G
71: RUSSEL 10984 (PTY) LTD
72: RAUTENBACH, Russel James, HEUNIS, Francois Petrus, DU PLESSIS, Alwyn
33: ZA 31: 2020/02705 32: 2020-05-13

54: DEVICE AND METHOD FOR UNDERWATER SAMPLING

00: -

A device and method for sampling underwater parameters is provided. The device is configured to be removably secured to, and navigated along a length of, an underwater cable during an underwater cable recovery operation. The device may include one or more sampling elements configured to sample underwater parameters while the device moves along the length of the underwater cable. The device may include a computing unit in communication with the one or more sampling elements which is configured to receive output data of the one or more sampling elements and record the output data for subsequent analysis.

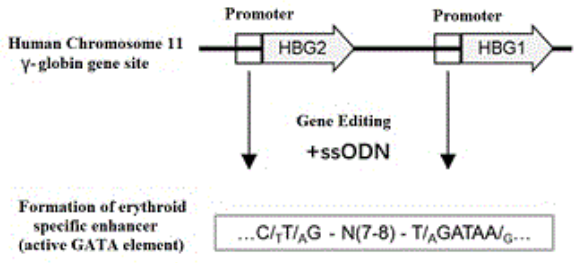


21: 2022/13480. 22: 2022/12/13. 43: 2023/07/25
51: C12N; A61K; A61P
71: GUANGZHOU REFORGENE MEDICINE CO., LTD.
72: LIANG, JUNBIN, GU, BO, XU, HUI
33: CN 31: 202010616648.7 32: 2020-07-01

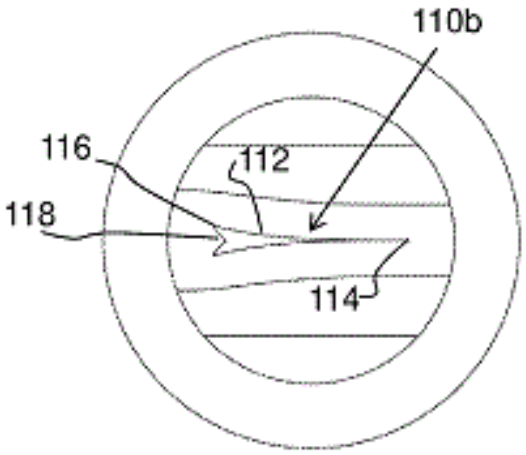
54: METHOD FOR ACTIVATING EXPRESSION OF GAMMA-GLOBIN GENE, AND COMPOSITION

00: -

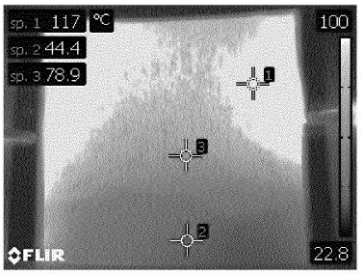
Provided is a new method for activating transcription of a gamma-globin gene. The method uses a single-stranded oligonucleotide (ssODN) containing GATA or an antisense complementary sequence TATC thereof as guidance information, and performs gene editing in a gamma-globin gene regulatory region to form a GATA-containing enhancer element, which can promote the expression of the gamma-globin gene in mature red blood cells. Hematopoietic stem cells genetically edited by the method have normal functions, can significantly improve the expression of fetal hemoglobin after being differentiated into red blood cells, and therefore can be used in clinical treatment of beta-thalassemia and sickle cell anemia.



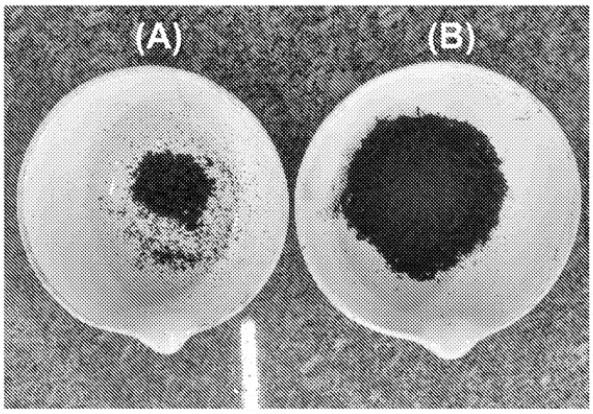
21: 2022/13686. 22: 2022/12/19. 43: 2023/07/21
51: A01G F16K
71: TOFACH, Matan
72: TOFACH, Matan
33: IL 31: 275151 32: 2020-06-04
54: A LOW PRESSURE FLUID FLOW CONTROL VALVE
00: -
A flow control valve providing a constant outflow in a variable inflow fluid pressure environment from as low as 0 bar and at least up to 6 bar. The flow valve comprises a flow control surface that features at least one flow control opening for controlling the outflow through the valve. The flow control opening configured to have a triangular- like polygonal configuration.



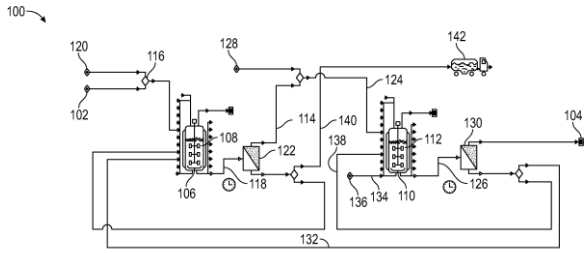
21: 2022/13768. 22: 2022/12/20. 43: 2023/07/14
51: A41D; A62B; B01D
71: Directa Plus S.p.A.
72: CESAREO, Giulio Giuseppe, RIZZI, Laura Giorgia
33: IT 31: 102020000012262 32: 2020-05-25
54: TEXTILE ARTICLE COMPRISING GRAPHENE AND FILTERS COMPRISING SAID TEXTILE ARTICLE
00: -
Textile article comprising a textile substrate to which graphene is applied in an amount from 0.5 to 20 g of graphene per square meter of textile substrate, wherein said graphene is dispersed in a polymeric binder and forms a thermal circuit heatable by exposure to electromagnetic radiation. There is also described a filter comprising said textile article, for example a face mask for personal health protection.



21: 2022/13780. 22: 2022/12/20. 43: 2023/07/24
51: A62D; C02F
71: MAC JEE TECNOLOGIA LTDA.
72: JEANNOT, Simon Pierre, FAZOLIN, Gabriela
54: METHOD FOR DRYING RED WATER FROM TRINITROTOLUENE PURIFICATION PROCESS, POWDER AND PACKAGED PRODUCT
00: -
The present invention relates in general to a method for drying the effluent from the trinitrotoluene (TNT) purification process, known as red water, that uses spray drying in an efficient, improved and safe manner. The present invention also covers the characteristics of the obtained powder, the use thereof, and a packaged product containing said powder. The proposed technique suggests the use of lower temperatures at liquid incineration (< 300°C compared to 1000°C), and also the fact that the main target material is not broken down, thereby not generating toxic fumes, and enabling the dry powder to be used for other applications.



21: 2022/13850. 22: 2022/12/21. 43: 2023/08/01
51: C02F
71: CEMVITA FACTORY, INC.
72: KARIMI, Tahereh, NGUYEN, Truong Huu, DA SILVA, Marcio Luis Busi
33: US 31: 63/049,498 32: 2020-07-08
54: BIOREMEDIATION SYSTEMS FOR WASTEWATER TREATMENT AND METHODS FOR THE USE THEREOF
00: -
The present disclosure relates to bioremediation systems and methods for wastewater treatment in heavy industry, including the mining industry. A benefit of the systems and methods disclosed herein can include the reduction of heavy metals in wastewater. Another benefit can be the treatment of acidic wastewater to achieve higher pH levels. An additional benefit can be the use of carbon dioxide to raise the pH level of acidic wastewater, or to produce feedstocks for the growth of anaerobic or aerobic microorganisms that are capable of reducing a concentration of heavy metals in wastewater. A benefit of the systems and methods herein can include the treatment of acid mining drainage wastewater, as well as heavy metal removal from other industrial wastewater. Another benefit of the methods and systems disclosed herein can include reduction of excess carbon dioxide from the environment.



21: 2022/13853. 22: 2022/12/21. 43: 2023/08/02
51: H01F
71: MASCHINENFABRIK REINHAUSEN GMBH
72: HAMMER, Christian
33: DE 31: 10 2020 119 344.0 32: 2020-07-22
54: ON-LOAD TAP CHANGER AND METHOD FOR ACTUATING AN ON-LOAD TAP CHANGER
00: -
The invention relates to an on-load tap changer (10) for switching, without interruption, between winding taps (N1, …, NJ, …, NN) of a tap-changing transformer (20), comprising: - a load transfer switch (40) for carrying out switching from a first fixed contact (11) to a second fixed contact (12) of the on-load tap changer (10); - a selector (30) for preselecting, without power, the fixed contacts (11, 12); - a first control unit (14). The load transfer switch (40) has, for the switching, a plurality of semiconductor switching elements (47, 48) and a plurality of mechanical switching elements (43, 44). The selector (30) has a first selector arm (31) and a second selector arm (32), which can be actuated independently of each other and can contact each of the fixed contacts. The first control unit (14) is designed to trigger a switching command and to actuate the first selector arm (31) and the second selector arm (32) and the plurality of mechanical switching elements (43, 44) by means of a motor drive (13). The on-load tap changer (10) comprises a second control unit (15), which is designed to actuate the plurality of semiconductor switching elements (47, 48). During the switching, the first control unit (14) actuates the motor drive (13) in accordance with the second control unit (14).

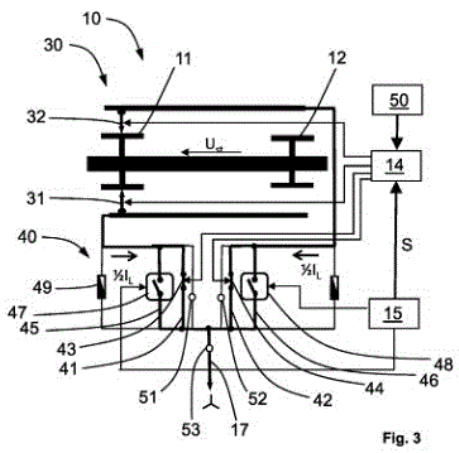


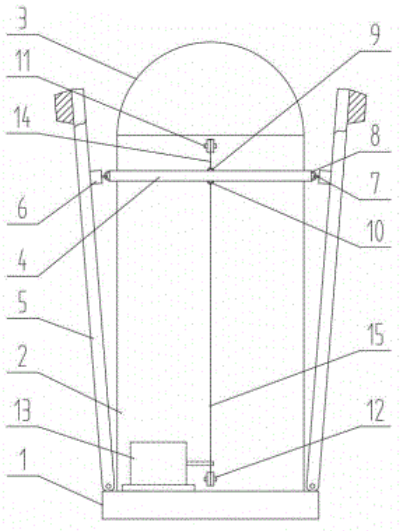
Fig. 3

21: 2022/13946. 22: 2022/12/22. 43: 2023/09/06
51: H04N
71: SHANGHAI UNIVERSITY OF MEDICINE AND HEALTH SCIENCES
72: CHEN, Lifan, ZHOU, Liang, KONG, Ping, ZHOU, Yanli, WANG, Hongjie

54: BIODIVERSITY INTELLIGENT MONITORING DEVICE

00: -

A biodiversity intelligent monitoring device is disclosed that includes a shell, a collar assembly, a swing assembly, and a monitoring assembly. The shell comprises a base plate, a cylindrical shell and a transparent hemispherical shell. The collar assembly includes a collar and a collar drive device. The collar is sleeved outside the cylindrical shell. The collar drive device is mounted on the shell for sliding the collar in an axial direction of the cylindrical shell. The swing assembly comprises a swing arm and a slider, and the swing arm is driven to swing via the collar. The swing assembly comprises a plurality which are uniformly distributed along a circumferential direction of the cylindrical shell. The monitoring assembly includes a camera mounted within the transparent hemispherical shell. Compared to the prior art, the monitoring device of the present disclosure is able to improve its attitude stability under complex weather conditions.

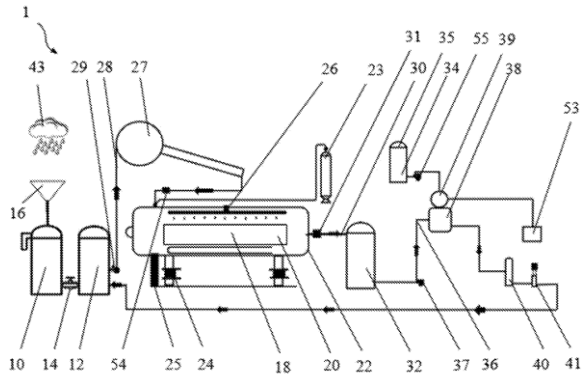


21: 2023/00126. 22: 2023/01/03. 43: 2023/07/21
51: A62D; B09B; C01D; C02F; C12M
71: JA & JB BOYLE PTY LTD
72: BOYLE, Jeffrey Allan
33: AU 31: 2020902449 32: 2020-07-15

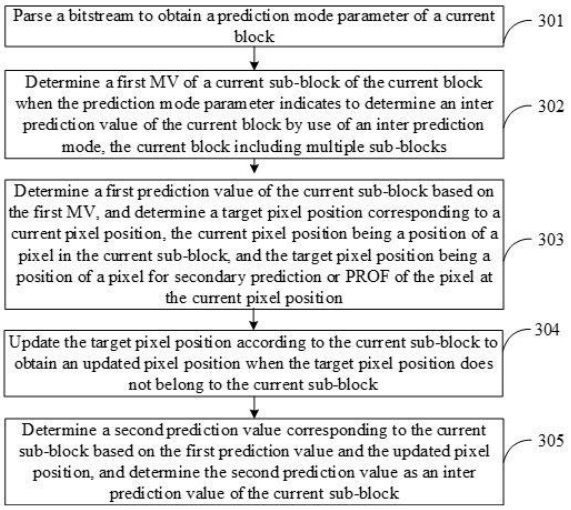
54: BODY PROCESSING APPARATUS AND METHODS OF USE

00: -

The invention relates to body processing apparatus including a first water tank and a body processing chamber, in fluid connection, and adapted to receive a dead body. An additive treatment means is included to add to the body processing chamber or to the water used, during the process. At least one second water tank is included for receiving water from 5 the body processing chamber, through a fluid connection therewith, and also a water cleaning system, in fluid connection with the second water tank. The body is placed within the body treatment chamber, additives are added, water enters from the first water tank and processing occurs until the body breaks down, after which the water is drained to the second water tank and enters the water cleaning system for cleaning. The invention also 10 relates to variants thereon and methods of use.

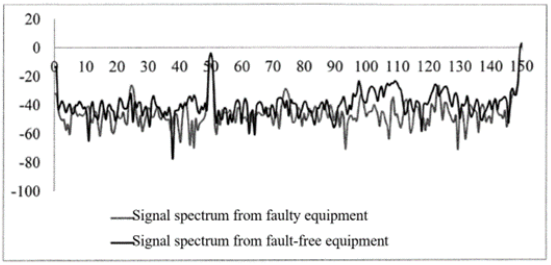


21: 2023/00127. 22: 2023/01/03. 43: 2023/07/21
51: H04N
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: XIE, Zhihuang
33: CN 31: 202010845318.5 32: 2020-08-20
54: INTER-FRAME PREDICTION METHOD, ENCODER, DECODER, AND COMPUTER STORAGE MEDIUM
00: -
Disclosed in the embodiments of the present application are an inter-frame prediction method, an encoder, a decoder, and a computer storage medium, comprising: parsing a code stream to acquire a prediction mode parameter of a current block; when the prediction mode parameter indicates that an inter-frame prediction mode is used for determining an inter-frame prediction value of a current block, determining a first motion vector of a current sub-block of the current block; on the basis of the first motion vector, determining a first prediction value of the current sub-block, and determining a target pixel position corresponding to a current pixel position; the current pixel position is the position of a pixel point in the current sub-block, and the target pixel position is the position of a pixel point for performing secondary prediction or PROF processing on the pixel point of the current pixel position; if the target pixel position does not belong to the current sub-block, then performing update processing on the target pixel position on the basis of the current sub-block to acquire an updated pixel position; on the basis of the first prediction value and the updated pixel position, determining a second prediction value corresponding to the current sub-block, and determining the second prediction value to be an inter-frame prediction value of the current sub-block.

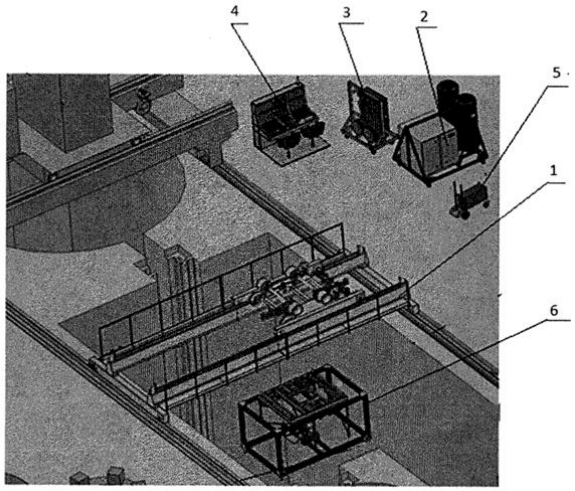


21: 2023/00138. 22: 2023/01/03. 43: 2023/07/21
51: G01M
71: JOINT STOCK COMPANY "ROSENERGOATOM", NATIONAL RESEARCH NUCLEAR UNIVERSITY MEPHI (MOSCOW ENGINEERING PHYSICS INSTITUTE), SCIENCE AND INNOVATIONS - NUCLEAR INDUSTRY SCIENTIFIC DEVELOPMENT, PRIVATE ENTERPRISE
72: ABIDOVA, Elena Aleksandrovna, BABENKO, Roman Gennadevich
33: RU 31: 2020128922 32: 2020-09-01
54: METHOD FOR DIAGNOSING THE TECHNICAL CONDITION OF ROTATING EQUIPMENT
00: -
The invention relates to methods for diagnosing the technical condition of electrically driven equipment and can be used for monitoring vibrations in rotating equipment in nuclear power stations. The claimed method includes measuring and recording diagnostic signals in a test period while the equipment under inspection is in operation, dividing the recordings of a reference signal and a signal from the equipment under inspection into five segments of not less than two seconds in length, converting each segment of the recordings of the reference and inspection signals into a spectrum that represents the distribution of amplitudes across frequencies, sampling amplitudes of the spectra of the diagnostic signals of the inspected and fault-free equipment at the frequencies at which deviations appear between the inspection and reference signals, calculating the absolute differences of the amplitudes of the spectra of the inspected and fault-free equipment, ranking

the absolute differences and summing the resultant ranks. The sum of the resultant ranks is compared with a critical value to establish whether the rotating equipment is in excess of prescribed vibration values, and to establish the presence of a fault if the sum of the resultant ranks exceeds the critical value.

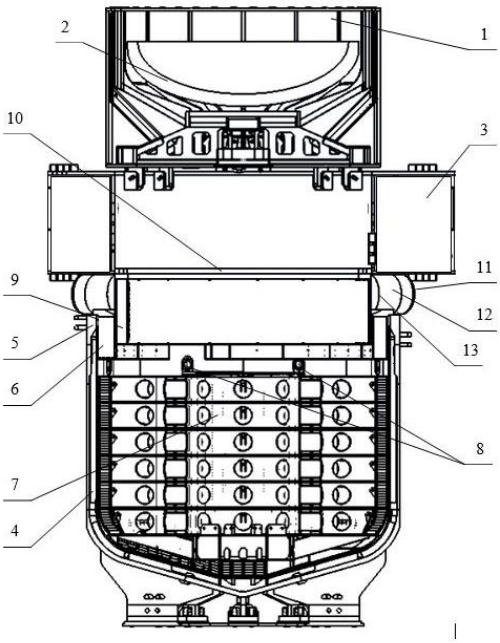


21: 2023/00140. 22: 2023/01/03. 43: 2023/07/21
51: G21C
71: JOINT STOCK COMPANY "ROSENERGOATOM", LLC "SKTB PR", JSC "NPO 'TSNIITMASH, SCIENCE AND INNOVATIONS - NUCLEAR INDUSTRY SCIENTIFIC DEVELOPMENT, PRIVATE ENTERPRISE
72: BATANOV, Aleksandr Fedorovich, CHERTOV, Sviatoslav Ivanovich, BASHLAI, Anton Pavlovich, TRUKH, Sergei Fedorovich, VOROB'EV, Dmitrii Valerevich, LAVERYCHEV, Ilya Gennad'evich, SHUBNIAKOV, Dmitrii Vladimirovich, GOROKHOV, Sergei Mikhailovich, MAKAROV, Ivan Vasil'evich, TRUKHANOV, Kirill Alekseevich, VOLOBUEV, Yuriy Sergeevich, RAZYGRAEV, Nikolai Pavlovich
33: RU 31: 2020136095 32: 2020-11-03
33: RU 31: 2020136088 32: 2020-11-03
54: ARRANGEMENT AND SYSTEM FOR REPAIRING THE LINING OF A SPENT FUEL POOL
00: -
The invention relates to the field of atomic engineering, and more particularly to equipment for detecting leaks in and repairing damage to the inner lining of a water-filled spent fuel pool in a nuclear power station. An arrangement and system for repairing the lining of a spent fuel pool, and more preferably the walls and bottom thereof, are additionally equipped with devices that are not immersible in the spent fuel pool, inter alia, welding equipment, and devices that are immersible in the spent fuel pool, including an immersible repair platform for holding a working mechanism. Said working mechanism is equipped with a device for removing contaminants from weld seams and the surface of the spent fuel pool, and a wire cutting device comprising a receptacle for collecting cuttings and a pump for removing particles. A device for sealing leaks is configured in the form of a small-scale welding assembly coupled to welding equipment, and the immersible repair platform is equipped with means for securing it to the surface of the spent fuel pool. An arrangement for repairing the lining of a spent fuel pool includes an immersible repair robot having a working unit arranged thereon. The invention provides better quality, more reliable repair



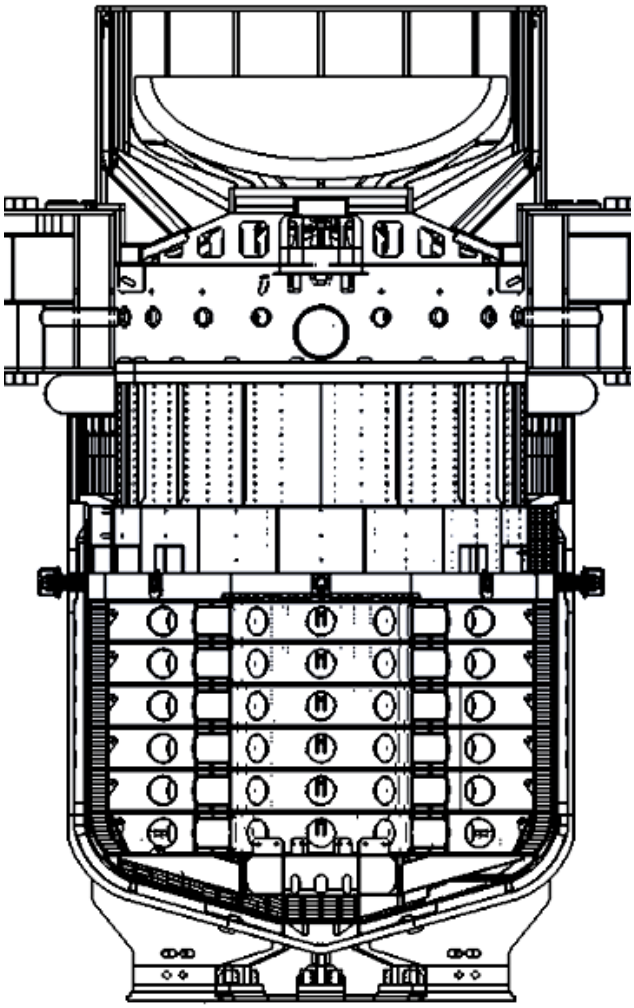
21: 2023/00141. 22: 2023/01/03. 43: 2023/07/21
51: G21C
71: JOINT-STOCK COMPANY "ATOMENERGOPROEKT", SCIENCE AND INNOVATIONS - NUCLEAR INDUSTRY SCIENTIFIC DEVELOPMENT, PRIVATE ENTERPRISE
72: SIDOROV, Aleksandr Stalevich, SIDOROVA, Nadezhda Vasilievna, DZBANOVSKAYA, Tatyana Yaropolkovna, BADESHKO, Kseniya Konstantinovna
33: RU 31: 2020136899 32: 2020-11-10
54: CORIUM LOCALIZING AND COOLING SYSTEM OF A NUCLEAR REACTOR
00: -
The invention relates to the field of nuclear energy, in particular, to the systems ensuring safety of nuclear power plants (NPPs), and can be used in severe accidents resulting in destruction of the reactor pressure vessel and containment. The technical result of the claimed invention is to

enhance reliability of the corium localizing and cooling system of a nuclear reactor. The objective, which the claimed invention is intended to achieve, is to prevent destruction of the corium localizing and cooling system within the junction area between the vessel for the corium receipt and distribution and the cantilever truss under the conditions on non-axisymmetric corium escape from the reactor pressure vessel and falling of the reactor pressure vessel head fragments into the vessel at the initial stage of the corium cooling with water, and consequently to prevent any ingress of water intended for external cooling of the vessel into the vessel. The set objective is achieved due to the fact that the corium localizing and cooling system of a nuclear reactor additionally comprises thermal protection suspended to the cantilever truss, the membrane installed between the cantilever truss and the vessel, and the bandage plates installed on the external and internal side of the membrane.



21: 2023/00142. 22: 2023/01/03. 43: 2023/07/21
51: G21C
71: JOINT-STOCK COMPANY "ATOMENERGOPROEKT", SCIENCE AND INNOVATIONS - NUCLEAR INDUSTRY SCIENTIFIC DEVELOPMENT, PRIVATE ENTERPRISE
72: SIDOROV, Aleksandr Stalevich, SIDOROVA, Nadezhda Vasilievna, DZBANOVSKAYA, Tatyana Yaropolkovna, BADESHKO, Kseniya Konstantinovna
33: RU 31: 2020136898 32: 2020-11-10
54: CORIUM LOCALIZING AND COOLING SYSTEM OF A NUCLEAR REACTOR
00: -

The invention relates to the field of nuclear energy, in particular, to the systems ensuring safety of nuclear power plants (NPPs), and can be used in severe accidents resulting in destruction of the reactor pressure vessel and containment. The technical result of the claimed invention is to enhance reliability of the corium localizing and cooling system of a nuclear reactor. The technical result is achieved due to prevention of the corium localizing and cooling system destruction in the junction area between the vessel and the cantilever truss by use of a membrane with bandage plates installed on the drum within the system.



21: 2023/00143. 22: 2023/01/03. 43: 2023/08/08
51: G01M
71: JOINT STOCK COMPANY "ROSENERGOATOM", NATIONAL RESEARCH NUCLEAR UNIVERSITY MEPHI (MOSCOW ENGINEERING PHYSICS INSTITUTE), SCIENCE AND INNOVATIONS - NUCLEAR INDUSTRY SCIENTIFIC DEVELOPMENT, PRIVATE ENTERPRISE
72: ABIDOVA, Elena Aleksandrovna, GORBUNOV, Igor Gennadevich, NIKIFOROV, Viktor Nikolaevich, PUGACHEVA, Olga Yur'evna, SOLOV'EV, Viktor Ivanovich
33: RU 31: 2020128924 32: 2020-09-01

54: METHOD FOR MONITORING THE TECHNICAL CONDITION OF A DIESEL GENERATOR WHEN IN OPERATION

00: -

The invention relates to technical diagnostics. The claimed method consists in measuring vibration acceleration in three mutually orthogonal planes using vibration sensors mounted at monitoring points on a diesel generator. Vibration accelerations are measured at monitoring points on an operational known good diesel generator, and then vibration accelerations are measured at prescribed intervals at said monitoring points on the diesel generator when the latter is in operation. Temperature and the intensity of an ultrasonic signal are also measured at the aforementioned monitoring points, and the root mean square values of the ultrasonic signal intensity, the temperature and the vibration acceleration are determined. On the basis of the vibration acceleration values measured, the root mean square values of vibration velocity and vibratory displacement are calculated, the distances between clusters of preceding measurements are determined and a conclusion is drawn about the operating state of the diesel generator. The technical result consists in allowing the timely detection of operating defects in a diesel generator by carrying out periodic measurements and comparing the calculation results obtained with one another, thus also providing for the safety of technical equipment in plants.

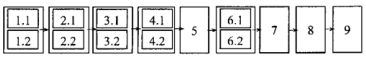
21: 2023/00144. 22: 2023/01/03. 43: 2023/08/08
51: F17D; G01M
71: JOINT STOCK COMPANY "ROSENERGOATOM", NATIONAL RESEARCH NUCLEAR UNIVERSITY MEPHI (MOSCOW ENGINEERING PHYSICS INSTITUTE), SCIENCE AND INNOVATIONS - NUCLEAR INDUSTRY SCIENTIFIC DEVELOPMENT, PRIVATE ENTERPRISE
72: ABIDOVA, Elena Aleksandrovna, SINELSHCHIKOV, Pavel Vladimirovich
33: RU 31: 2020128921 32: 2020-09-01

54: METHOD FOR MONITORING OF LEAK-TIGHTNESS AND DETECTION OF LEAKS IN A PIPELINE WITH A VALVE

00: -

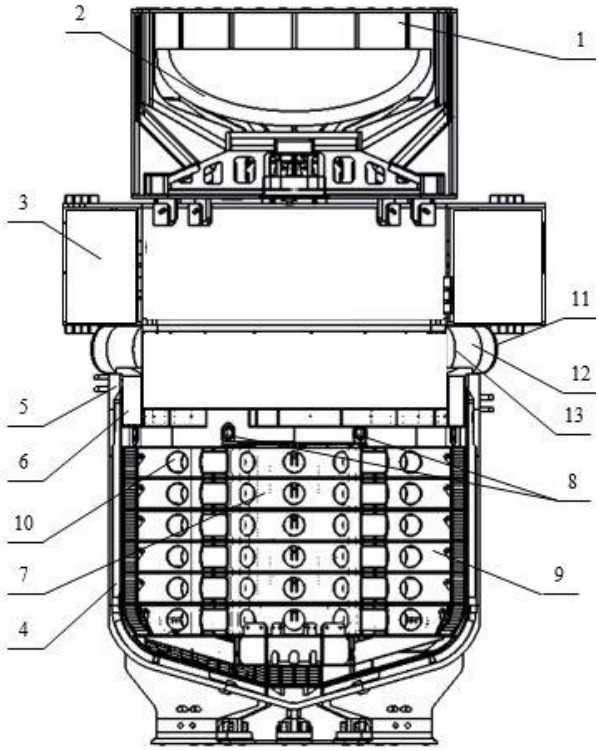
The invention relates to the field of technical diagnostics and can be used for inspection of pipelines for leak-tightness and detection of leaks in pipelines of nuclear power plants. Acoustic signals are recorded at two points along the pipeline length, and the received acoustic signals are subsequently processed. The acoustic signals are recorded within a broad ultrasonic range at two points along the pipeline length located on the pipeline downstream and upstream of a valve. The ultrasonic signals recorded at the point on the pipeline upstream of the valve and at the point downstream of the valve are then processed, and the values obtained are used to construct two signal spectra. Then the range of 15,000 to 90,000 Hz is isolated, and the highest amplitude value in both signal spectra is selected within this range. Then the amplitudes of the signal spectra within the said frequency range are divided by the highest amplitude value, and the difference between the signal spectra upstream and downstream of the valve is determined using a mathematical formula, thereby making it possible to determine the degree of the pipeline leak-tightness in order to assess the possibility for its further operation and also to improve the pipeline leak detection quality and effectiveness.

$$S = \sum_{i=1}^{n-1} |S_{2i} - S_{1i}|, \qquad (1)$$

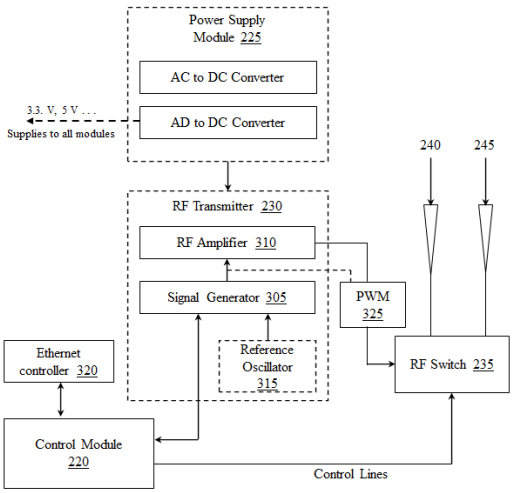


21: 2023/00145. 22: 2023/01/03. 43: 2023/08/08
51: G21C
71: JOINT-STOCK COMPANY "ATOMENERGOPROEKT", SCIENCE AND INNOVATIONS - NUCLEAR INDUSTRY SCIENTIFIC DEVELOPMENT, PRIVATE ENTERPRISE

72: SIDOROV, Aleksandr Stalevich, SIDOROVA, Nadezhda Vasilievna, DZBANOVSKAYA, Tatyana Yaropolkovna, BADEZHKO, Kseniya Konstantinovna
33: RU 31: 2020136905 32: 2020-11-10
54: CORIUM LOCALIZING AND COOLING SYSTEM OF A NUCLEAR REACTOR
00: -
The invention relates to the field of nuclear energy, in particular, to the systems ensuring safety of nuclear power plants (NPPs), and can be used in severe accidents resulting in destruction of the reactor pressure vessel and containment. The technical result of the claimed invention is to enhance reliability of the corium localizing and cooling system of a nuclear reactor. The technical result is achieved due to use of the membrane installed between the cantilever truss and the vessel, bandage plates installed on the external and internal side of the membrane, the hydraulic gas-dynamic damper installed on the internal side of the membrane in the corium localizing and cooling system of a nuclear reactor enabling to prevent any destruction within the leak-tight junction area between the multi-layered vessel and the cantilever truss under the conditions with non-axisymmetric corium flow from the reactor pressure vessel and falling of reactor pressure vessel head fragments into the vessel at the initial stage of the corium cooling with water.



21: 2023/00149. 22: 2023/01/03. 43: 2023/08/08
51: B01D; H01Q; H04B
71: DEVIC EARTH PRIVATE LIMITED
72: SOLA, Srikanth, KANNIGANTI, Radhica, MENON, Malini, KALAVATHI, Francisca
33: IN 31: 202041023125 32: 2020-06-02
54: A SYSTEM AND A METHOD FOR REDUCING PARTICULATE POLLUTANTS IN AIR, USING PULSED ELECTROMAGNETIC WAVES
00: -
Disclosed is a system and method for reducing particulate pollutants in air, using pulsed electromagnetic waves. The disclosed system 200 comprises a device 215 configured for radiating radio waves, preferably in the frequency range of 800 MHz to 5 GHz in a predefined pulsed manner. Essentially, the disclosed device comprises a radiofrequency oscillator 315 configured for oscillating at the predefined frequency. The signal is then suitably power amplified with an RF amplifier 310 and using a suitable switch 235 the amplified output is routed to one of an omnidirectional antenna 240 and directional antenna 245 for radiating the pulsed radio waves to the atmosphere.



21: 2023/00222. 22: 2023/01/04. 43: 2023/07/21
51: A61P; C07K
71: AbbVie Inc.
72: MIN, Jing, NG, Teresa (Iok-Chan), BENATUIL, Lorenzo, BIXBY, Jacqueline, DEKHTYAR, Tatyana, DONG, Feng, HERNANDEZ Jr., Axel, KRISHNAN, Preethi, LU, Liangjun, MENSA, Federico, MILLER, Renee, SAHU, Gautam
33: US 31: 63/052,933 32: 2020-07-16
54: ANTI-ALPHA-4-BETA-7 ANTIBODIES
00: -
The present disclosure provides anti-a4ß7 antibodies that bind human a4ß7, their methods of making, and their uses to treat patients with HIV infection.

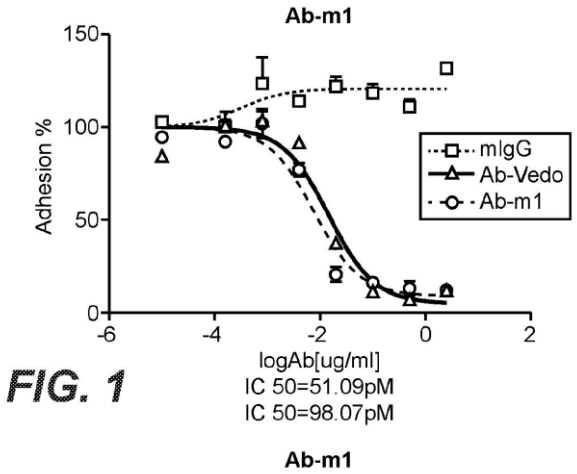
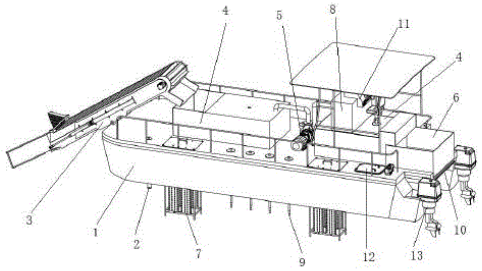


FIG. 1

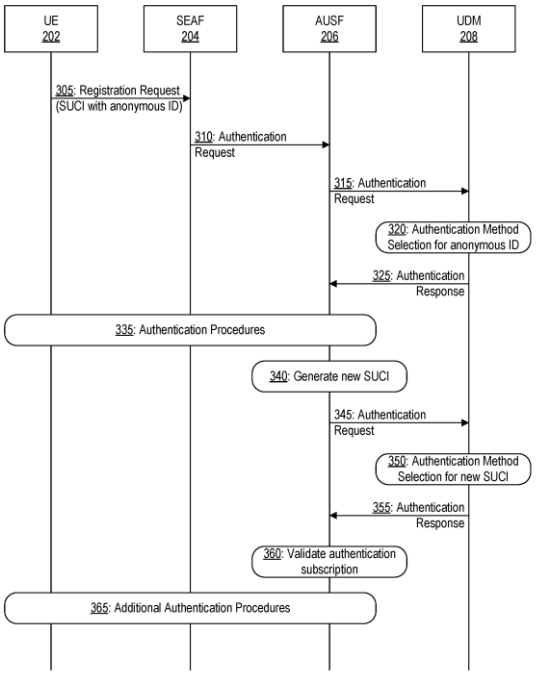
21: 2023/00251. 22: 2023/01/05. 43: 2023/07/21
51: B01D; C02F
71: Changjiang River Scientific Research Institute
72: LIN, Li, SHA, Zhigui, LI, Qingyun, TANG, Xianqiang, ZHANG, Wei, ZHAO, Liangyuan, WANG, Zhenhua, LONG, Meng, DONG, Lei, CAO, Xiaohuan, LI, Huan

54: DEVICE AND METHOD FOR EMERGENCY TREATMENT OF WATER BLOOMS IN A RESERVOIR TRIBUTARY BAY
00: -
Disclosed is an emergency treatment device and treatment method for water blooms in reservoir tributary bay. The device includes a hull, a plurality of treatment units, a power unit, and a control unit, wherein a plurality of slots are disposed on both sides of the hull; the plurality of treatment units are disposed on the hull, including an automatic detection unit, an algae collection-separation unit, a microcurrent electrolytic algae suppression unit, an ultrasonic algae removal unit, and an algaecide put unit; the power unit is disposed at a tail portion of the hull for providing power for the hull to move on a water surface; and the control unit is disposed in a middle portion of the hull, and the plurality of treatment units and the power unit are both electrically connected to the control unit for controlling the operation thereof.

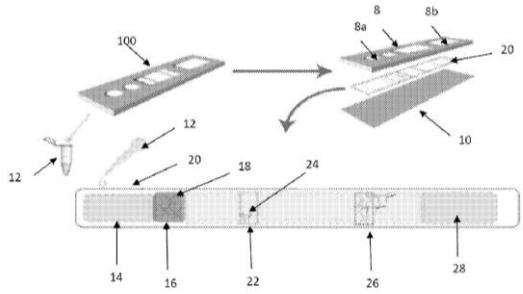


21: 2023/00301. 22: 2023/01/06. 43: 2023/08/11
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: WANG, Cheng, CASTELLANOS ZAMORA, David, VAHIDI MAZINANI, Helena, JOST, Christine
33: CN 31: PCT/CN2020/098322 32: 2020-06-26
54: SUBSCRIPTION RETRIEVAL FOR ANONYMOUS IDENTIFICATION
00: -
A first network node operating in a telecommunications network can receive an authentication request associated with a communication device requesting registration with

the telecommunications network. The authentication request can include first subscriber information. The first network node can determine that the first subscriber information includes an anonymous identifier. Responsive to determining that the first subscriber information includes the anonymous identifier, the network node can determine an authentication procedure to be performed. The network node can receive information associated with the communication device as part of the authentication procedure. The network node can generate second subscriber information based on the information associated with the communication device.



21: 2023/00353. 22: 2023/01/09. 43: 2023/08/11
51: G01N
71: NEUOME PEPTIDES PTE. LTD.
72: VANGALA, Rajanikanth
33: IN 31: 202041025166 32: 2020-06-15
54: LATERAL FLOW ASSAY DEVICE FOR DETECTION OF ANALYTES AND METHOD OF DETECTION THEREOF
00: -
The present invention relates to a lateral flow assay device for detection of an analyte in a sample and a method of detection thereof. The present invention provides a quantitative assay for detection of an analyte in a sample. The present invention also provides a conjugate. The present invention provides a method of diagnosing COVID 19 in a patient.



21: 2023/00356. 22: 2023/01/09. 43: 2023/08/11
51: F16G; F16H
71: NEW MOTION LABS LTD.
72: PALMER, Josh Daniel, LOBMEYER, Lucas, FOWLER, Marcel
33: GB 31: 2011083.9 32: 2020-07-17
33: GB 31: 2018496.6 32: 2020-11-25
33: GB 31: 2102302.3 32: 2021-02-18
33: GB 31: 2108320.9 32: 2021-06-10
54: TRANSMISSION SYSTEM
00: -
A drive sprocket comprising a plurality of teeth for meshing with a drive member to transmit rotary motion, the drive member including a plurality of engagement pockets engaging the teeth of the drive sprocket, wherein each tooth has a tooth profile defined by a first side comprising a first engagement surface and an opposite second side comprising a second engagement surface, which engagement surfaces are configured such that when driven, a tooth meshes to the engagement pocket at a first contact location on the first engagement surface and also at a second contact location on the second engagement surface, wherein the first contact location is radially offset from the second contact location.

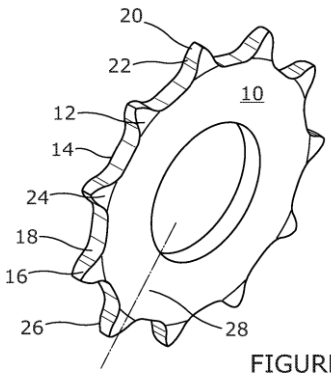
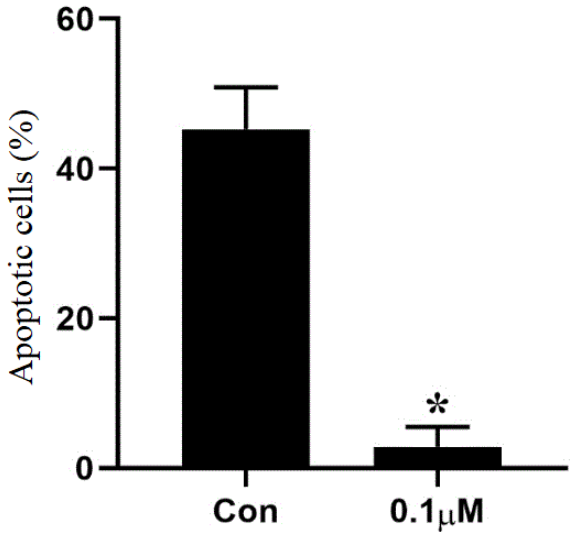
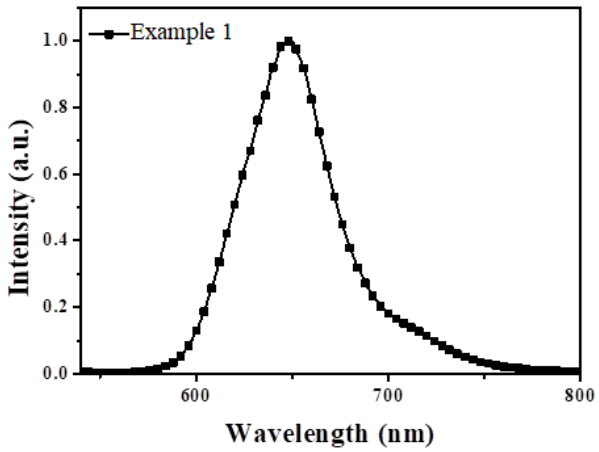


FIGURE 1

21: 2023/00367. 22: 2023/01/09. 43: 2023/09/07
51: A61K
71: Affiliated Hospital of Nantong University
72: DING Qi, WANG Xin, FU Linling
33: CN 31: 2022108869397 32: 2022-07-26
54: APPLICATION OF LEVOCETIRIZINE OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF IN PREPARING MEDICINES FOR PROMOTING HAIR GROWTH
00: -
This invention discloses an application of levocetirizine or pharmaceutically acceptable salt thereof in preparing medicines for promoting hair growth, and relates to the technical field of biomedicine. According to the research of the invention, levocetirizine promotes the proliferation and inhibit the apoptosis of hair papilla cells in alopecia areas; levocetirizine promotes hair regeneration by increasing the expression of Bcl-2/Bax in alopecia areas; and levocetirizine affects the possible cytokine mechanism of hair growth in AGA alopecia area. After this drug is used, the expression of TGF-Beta 1 decreases and the expression of IGF-1 increases in both hair follicles and DPCs in alopecia area.



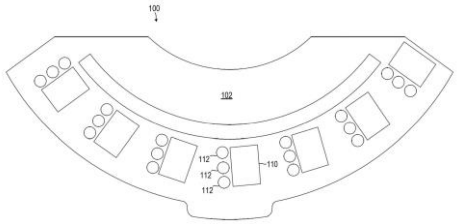
21: 2023/00481. 22: 2023/01/11. 43: 2023/08/11
51: C07D
71: UNIVERSITY OF JINAN
72: JIANG, Xuchuan, LIU, Wei, YANG, Chengxiang, LU, Xiangxiang, YOU, Qi
33: CN 31: 2022111366158 32: 2022-09-19
54: A DIKETOPYRROLOPYRROLE BASED RED LIGHT CONVERSION AGENT MATERIAL
00: -
The present disclosure discloses a diketopyrrolopyrrole based red light conversion agent material. The luminescent properties of such materials can be controlled by adjusting the types of bridging groups and the length of alkyl chains. The red light conversion agent material of the present disclosure can emit 600 to 750 nm of red light under the excitation of 300 to 600 nm of light. The red light has a high matching degree with the absorption of plant chlorophyll in the red light portion. It can effectively improve the photosynthesis of plants, and can be used in the field of light conversion agricultural films.



21: 2023/00505. 22: 2023/01/11. 43: 2023/07/19
51: A61P; C12N
71: The Trustees of the University of Pennsylvania
72: WILSON, James M., HINDERER, Christian, WORKMAN, Eileen
33: US 31: 63/051,336 32: 2020-07-13
54: COMPOSITIONS USEFUL FOR TREATMENT OF CHARCOT-MARIE-TOOTH DISEASE
00: -
Provided herein are rAAV and other vectors and compositions useful for treating a patient having CMT2 comprising: (a) a recombinant nucleic acid sequence encoding an engineered human mitofusin 2 coding sequence operably linked to regulatory sequences which direct expression thereof in a human target cell. Also provided are rAAV and other vectors and compositions useful for treating a patient having CMT2 comprising: (b)a nucleic acid sequence encoding at least one miRNA specific for an endogenous human mitofusin 2 sequence in a human CMT2A subject, wherein the miRNA coding sequence is operably linked to regulatory sequences which direct expression thereof in the subject. Further provided are compositions containing both the engineered hMfn2 coding sequence and the at least one miRNA coding sequence, wherein the engineered human mitofusin 2 coding sequence has a sequence which differs from endogenous human mitofusin 2 in the CMT2A patient in the target site of the encoded miRNA.

21: 2023/00506. 22: 2023/01/11. 43: 2023/07/19
51: A61K; A61P; C07C
71: NELSON, Deanna J.
72: NELSON, Deanna J.
33: US 31: 63/046,846 32: 2020-07-01
54: COMBINATIONS OF CARNOSINE AND ZINC FOR THE TREATMENT AND PREVENTION OF VIRAL INFECTIONS
00: -
The present invention relates to the treatment of viral infection, and in particular to the use of an amount of a chelate of zinc and L-carnosine effective to treat or to prevent infections associated with viruses in said human cells.

21: 2023/00510. 22: 2023/01/12. 43: 2023/07/19
51: A63F
71: SUN INTERNATIONAL (IP) LIMITED
72: OLCKERS, Maartin
33: ZA 31: 2022/02446 32: 2022-02-28
54: A CARD GAME SYSTEM FOR PLAYING A CARD GAME
00: -
A card game system is based on blackjack and includes a demarcated playing surface configured to be played with at least two decks of playing cards, defining a plurality of demarcated card placement zones configured to receive one or more of the playing cards from a dealer and defining a plurality of side bet zones adjacent to, or associated with, one of the card placement zones, the side bet zones being configured to receive a bet indicative of a secondary blackjack outcome. The secondary blackjack outcome comprises possibilities of a royal pair, a numbered pair, a coloured pair, and a mixed pair. A side bet pay-out is based on (1) the bet placed in the side bet zone and (2) the secondary blackjack outcome with different rates for the different outcomes.



21: 2023/00548. 22: 2023/01/12. 43: 2023/08/22
51: A61P; A61K
71: ZIPHIUS VACCINES
72: SAHU, Itishri, HAQUE A K M, Ashiqul, MC CAFFERTY, Séan, CARDON, Christiaan, SANDERS, Niek

33: EP 31: 20181249.2 32: 2020-06-19
33: EP 31: 20184036.0 32: 2020-07-03
33: EP 31: 21170302.0 32: 2021-04-23

54: SELF-AMPLIFYING SARS-COV-2 RNA VACCINE

00: -

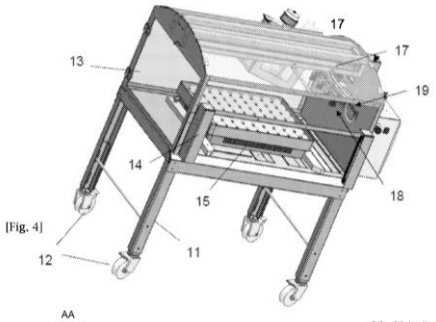
The present invention relates self-replicating RNA molecules comprising a sequence encoding nonstructural alphavirus proteins and a sequence encoding a SARS-CoV-5 2 protein antigen.

21: 2023/00551. 22: 2023/01/12. 43: 2023/08/11
51: A01K; A61D; B05B
71: DESVAC
72: MARS, Julie, SCHERDEL, Béatrice, BOISDON, Olivier
33: FR 31: 2007531 32: 2020-07-17

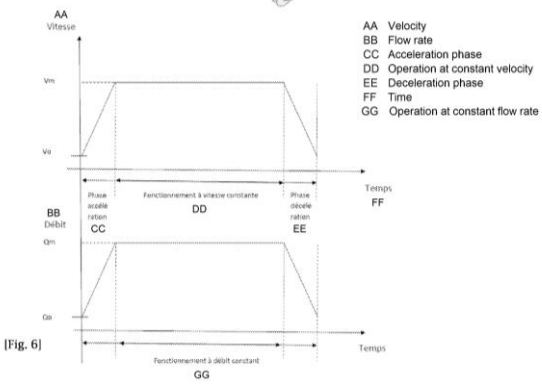
54: METHOD AND APPARATUS FOR DELIVERING FLUID DROPLETS ONTO AN OPEN AND STATIONARY TRAY

00: -

The present invention relates to a method and apparatus for delivering droplets of fluids onto an open tray containing poultry. According to the invention, the apparatus includes a stationary working surface, a single arm carrying a plurality of fluid dispensing nozzles, a drive unit comprising an electric motor for driving the translation of said single arm, said plurality of dispensing nozzles being connected to at least one fluid supply circuit comprising a fluid reservoir for supplying dispensing nozzles, the volume of fluid drawn from said reservoir being determined by a syringe, movement of the plunger of which is controlled by an electrical control element so that the plunger has a feed velocity V in the corresponding syringe. The apparatus also includes a controller for controlling the motor speed and the plunger feed velocity, said controller being configured to synchronize the acceleration/deceleration of the movable arm and the acceleration/deceleration of the plunger of said syringe or of at least one of said syringes.



[Fig. 4]



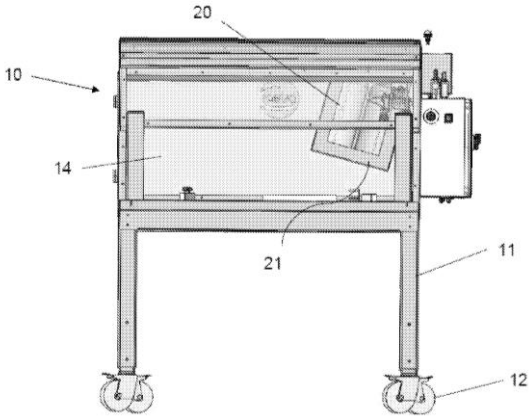
[Fig. 6]

21: 2023/00552. 22: 2023/01/12. 43: 2023/08/11
51: A01K; A61D; B05B
71: DESVAC
72: MARS, Julie, SCHERDEL, Béatrice, BOISDON, Olivier
33: FR 31: 2007533 32: 2020-07-17

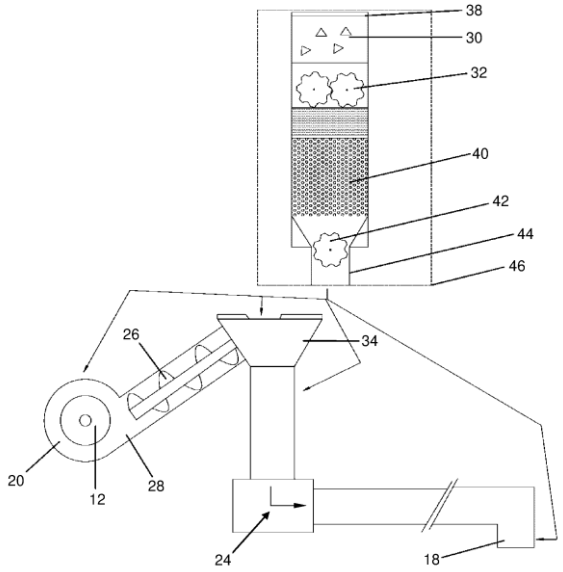
54: METHOD AND APPARATUS FOR DELIVERING FLUID DROPLETS ONTO AN OPEN AND STATIONARY TRAY

00: -

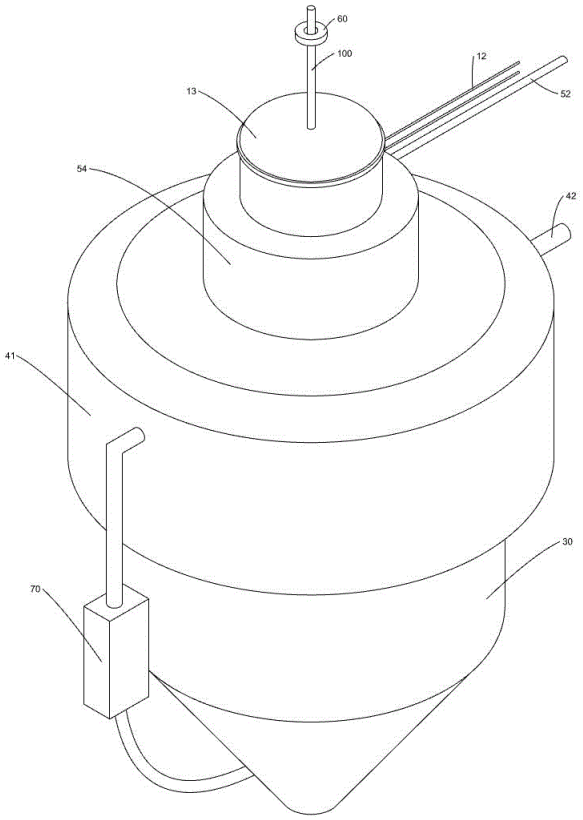
The present invention relates to a method and apparatus for delivering droplets of fluids onto an open tray containing poultry, the tray being stationary. According to the invention, the method comprises the following steps: (a) a movable arm is moved over the tray in translation in a first direction, said arm supporting a first set of dispensing nozzles and a second set of dispensing nozzles, said nozzles of each set being arranged to cover the entire dimension of the tray in a second direction perpendicular to the first direction; (b) initially, droplets of at least one first fluid are dispensed by spraying using the first set of dispensing nozzles; (c) and then at least one second fluid, distinct from said at least one first fluid to be sprayed, is dispensed by ejecting individual drops by means of the second set of dispensing nozzles.



21: 2023/00616. 22: 2023/01/13. 43: 2023/08/11
51: B01F; C06B; F42D
71: PROACTIVE GROUND SOLUTIONS PTY LTD
72: BODLEY, Nicholas Grant, MARTIN, Drew Anthony, KAKER, Marjana, ANDERSON, Jeffrey Richard Andrew
33: AU 31: 2020902091 32: 2020-06-23
54: INHIBITED OXIDISER OR INHIBITED EXPLOSIVE FOR USE IN REACTIVE GROUND
00: -
An apparatus and method for converting uninhibited bulk explosives or oxidiser into inhibited bulk explosives or oxidiser on demand. The apparatus disperses an inhibitor into a stream of bulk explosive/oxidiser during the conveyance between an explosive truck and a blast hole or in preparation of a bulk oxidiser for use in a bulk explosive vehicle.

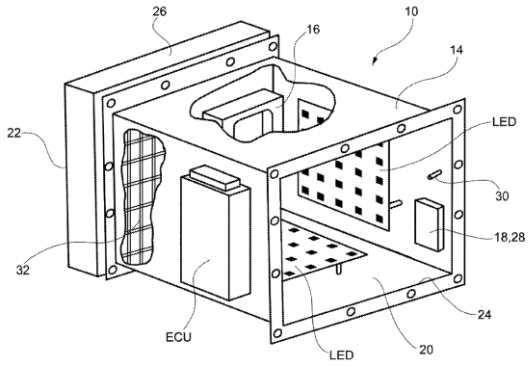


21: 2023/00657. 22: 2023/01/16. 43: 2023/08/31
51: B22F
71: ANHUI JINYI NEW MATERIALS CORP. LTD
72: DAI, Zeyu
33: CN 31: CN202211591953.0 32: 2022-12-12
54: METAL POWDER MANUFACTURING DEVICE FOR IMPROVING QUALITY OF INTELLIGENTLY MANUFACTURED METAL POWDERS
00: -
The disclosure discloses a metal powder manufacturing device for improving the quality of intelligently manufactured metal powders, comprising a melting assembly, an atomizing assembly and a collecting chamber. The collecting chamber is equipped with a boosting assembly used for eliminating the pressure distribution difference of a gas in the collecting chamber, and the atomizing assembly is equipped with a gas pressure equalizing assembly used for equalizing the jet pressure of the atomizing gas. The boosting assembly is mounted in the collecting chamber, thereby reducing the pressure distribution difference of the gas in the collecting chamber; after metal molten drops are crushed by high-pressure gas airflow, fine powders and coarse powders fall along respective crushing zones, thereby improving the smoothness of the metal powders; the gas pressure equalizing assembly is mounted in the atomizing assembly to equalize the gas, thereby improving the stability of crushed airflow at an outlet.



21: 2023/00783. 22: 2023/01/17. 43: 2023/08/21
51: E21D
71: Innovative Mining Products (Pty) Ltd
72: PASTORINO, Paolo Ettore
33: ZA 31: 2020/04337 32: 2020-07-15
54: FRICTION FIT DRILL BIT ASSEMBLY FOR A SELF-DRILLING ROCK BOLT
00: -
The invention provides an adaptor for connecting a drill bit to a hollow shank of a self-drilling rock bolt, the adaptor including a body which extends in an axial direction between a distal end and a proximal end, a tubular conduit which extends between the ends, an abutment surface formed in an outer surface of the body that divides the body into a proximal portion and a distal portion, wherein at least a part of the proximal portion includes a first taper which tapers towards the proximal end, wherein at least a part of the distal portion includes a second taper which tapers towards the distal end, and wherein the first taper and the second taper are adapted for friction fit in a bore of the shank and a recess in the drill bit respectively

21: 2023/00819. 22: 2023/01/18. 43: 2023/08/11
51: B60H; B61D
71: STE-SANITIZING TECHNOLOGIES AND EQUIPMENTS S.R.L.
72: TORRESAN, Giuseppe, ALIANO, Mattia Paolo
33: IT 31: 102020000011512 32: 2020-05-19
54: MICROBIOLOGICAL SANITIZATION AND AIR PURIFICATION SYSTEM FOR HVAC SYSTEM OF A RAILWAY VEHICLE
00: -
The air purification and microbiological sanitization system (10) for a railway vehicle (V) HVAC system (12) comprises: a casing (14) with a chamber (20) having an inlet opening (22) for the inflow of air into the chamber (20) and an outlet opening (24) for the outflow of air from the chamber (20); a plurality of LEDs for generating germicidal ultraviolet radiation in the chamber (20); an ionizer device (16) for ionizing the air in the chamber (20); an electronic control unit (ECU) for controlling the system (10); and an air quality sensor (18) for measuring a concentration of particulate matter and a concentration of carbon dioxide in the air, wherein the electronic control unit (ECU) is configured to control the radiant power of at least one LED as a function of a measurement signal (Sp) transmitted by the air quality sensor (18).



21: 2023/00857. 22: 2023/01/19. 43: 2023/07/19
51: A61L B01D
71: DUSMIT LTD
72: NIDAM, Ofer
33: US 31: 63/043,134 32: 2020-06-24
33: US 31: 63/043,140 32: 2020-06-24
33: US 31: 63/043,141 32: 2020-06-24
33: US 31: 63/064,973 32: 2020-08-13
33: US 31: 63/093,217 32: 2020-10-18
54: AIR TREATMENT SYSTEMS AND METHODS
00: -

One disclosed system includes: (a) a fan directing an initial air stream to a heater with sufficient heating capacity to heat said initial airstream to a temperature of 200°C to 350 C° and output a heated air stream; and (b) an air to air heat exchanger positioned and configured to use said heated air stream to preheat said initial airstream prior to its arrival at said heater. Additional systems and corresponding methods are disclosed.

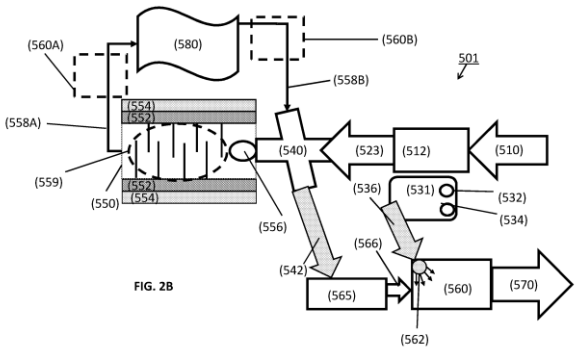
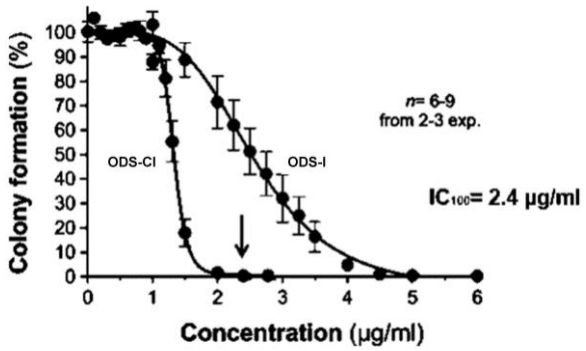
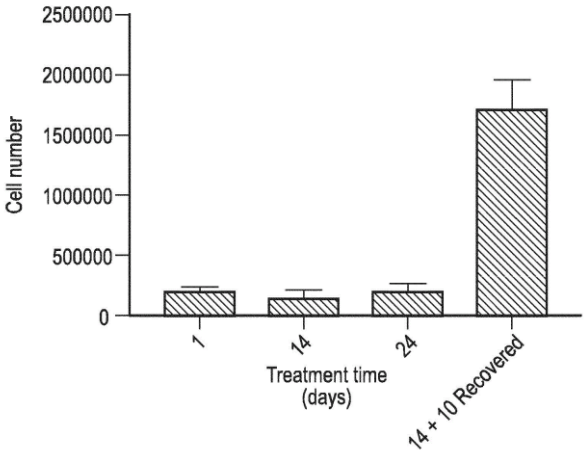


FIG. 2B

21: 2023/00868. 22: 2023/01/19. 43: 2023/07/19
51: A01N; A01P
71: HELM AG, University of Exeter
72: NESS, Winfried, RAMINHOS, Henrique, STROOT, Jörg, STEINBERG, Gero, GURR, Sarah, NIENDORF, Johann-Christian
33: EP (DE) 31: 20199747.5 32: 2020-10-02
33: EP(DE) 31: 20199746.7 32: 2020-10-02
54: TRIALKYL SULFONIUM CHLORIDES AS FUNGICIDES
00: -
The invention relates to a trialkyl sulfonium chloride, compositions comprising the trialkyl sulfonium chloride, agricultural compositions comprising such compositions and trialkyl sulfonium chloride, respectively, to the use of the trialkyl sulfonium chloride and of the compositions as a pesticide, preferably as a fungicide, and to methods for controlling or combating pests and/or improving plant health by means of the trialkyl sulfonium chloride and compositions.

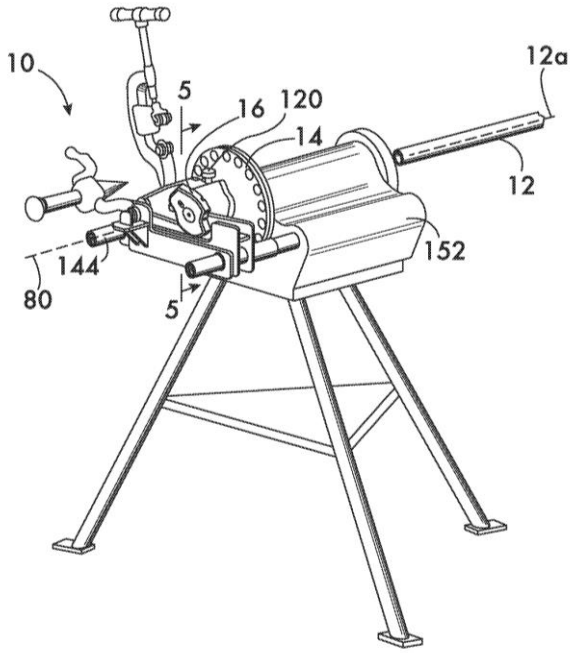


21: 2023/00875. 22: 2023/01/19. 43: 2023/07/19
51: A61K; A61P
71: Pfizer Inc., CTxT Pty Ltd
72: STUPPLE, Paul Anthony, MAZUREK, Anthony, ARNDT, Kim Timothy, CHEN, Lei, FOLLETTIE, Maximillian Todd, FRUHLING, David Scott, KUNG, Pei-Pei, ZHONG, Wenyan, TEDESCHI, Philip Michael
33: US 31: 63/052,215 32: 2020-07-15
54: KAT6 INHIBITOR METHODS AND COMBINATIONS FOR CANCER TREATMENT
00: -
This invention relates to methods and combination therapies for treating cancer by administering a KAT6 inhibitor to a patient in need therof.



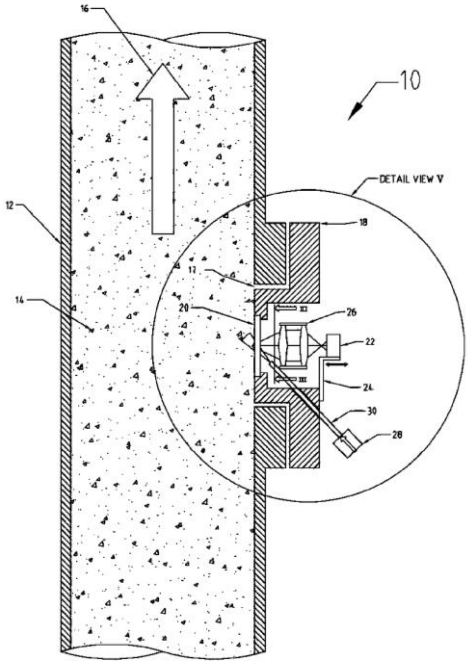
21: 2023/00877. 22: 2023/01/19. 43: 2023/07/19
51: B21D
71: VICTAULIC COMPANY
72: DOLE, Douglas R.
33: US 31: 17/030,418 32: 2020-09-24
54: PIPE GROOVING DEVICE
00: -
A pipe grooving device having a plurality of geared cams uses synchronizing gears, each of which

meshes with two of the geared cams, to synchronize the rotation of the cams which engage the pipe element to form the groove. The position of the groove relative to the end of the pipe is controlled by a stop body which incorporates a plate mounted ring which engages and disengages with a pipe stop surface on one or more of the cams to limit or permit cam rotation. The pipe stop body is positioned within a cup which receives the pipe element. The cup limits pipe end flare and limits the tendency of the pipe to go out of round during the grooving process. The device mounts on a powered chuck which turns the pipe element.



21: 2023/00912. 22: 2023/01/20. 43: 2023/08/31
51: A61K; C07D; A61P
71: BEIGENE, LTD.
72: WANG, Qiuwen, GUO, Yunhang, WANG, Zhiwei
33: CN 31: PCT/CN2020/097557 32: 2020-06-22
33: CN 31: PCT/CN2020/119750 32: 2020-09-30
33: CN 31: PCT/CN2021/093815 32: 2021-05-14
54: TYK-2 INHIBITOR
00: -
Disclosed herein is a compound of Formula (I) for inhibiting TYK2 and treating a disease associated with the undesirable tyk-2 activity (tyk-2 related diseases), a method of using the compounds disclosed herein for treating inflammatory or autoimmune disease, and a pharmaceutical composition comprising the same.

21: 2023/00915. 22: 2023/01/20. 43: 2023/08/31
51: G01N
71: BLUE CUBE TECHNOLOGY (PTY) LTD
72: DU PLESSIS, Francois Eberhardt, LE ROUX, Petrus Albertus
33: GB 31: 2009498.3 32: 2020-06-22
54: APPARATUS AND METHOD FOR ANALYSIS OF A MOVING SLURRY
00: -
Means for analysis of a moving slurry of solid particles in a liquid medium that comprises: causing the slurry to flow with fully developed turbulence in a vertical pipe such that the flowing slurry fills the entire cross-section of the pipe; providing a transparent window in a wall of the pipe, said window being flush with an inside of the pipe; emitting light from a light source through the window, onto the flowing slurry inside the pipe in an examination zone; taking a plurality of individual measurements of individual solid particles in the flowing slurry by collecting light returned from the examination zone; collating the results of a statistically significant number of the individual measurements to provide a characteristic of the flowing slurry, as a whole.



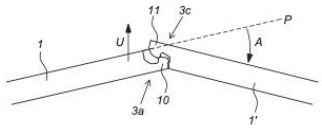
21: 2023/00962. 22: 2023/01/23. 43: 2023/08/31
51: E04F
71: I4F LICENSING NV

72: BOUCKÉ, Eddy Alberic
33: NL 31: 2026188 32: 2020-07-31
33: NL 31: 2026189 32: 2020-07-31
33: NL 31: 2026559 32: 2020-09-28

54: PANEL, COVERING, AND METHOD OF UNCOUPLING TWO INTERCONNECTED PANELS

00: -

The present invention relates to a panel suitable as a floor, ceiling or wall panel, which panel is of a planar design having an upper side, a bottom side and side edges. Furthermore, the invention relates to a covering comprising a plurality of interconnected panels according to the invention. The invention also relates to a method of uncoupling two (or more) interconnected panels.

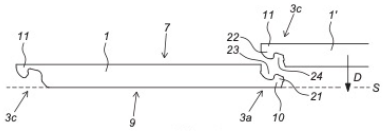


21: 2023/00964. 22: 2023/01/23. 43: 2023/08/31
51: E04F
71: I4F LICENSING NV
72: BOUCKÉ, Eddy Alberic
33: NL 31: 2026189 32: 2020-07-31
33: NL 31: 2026188 32: 2020-07-31
33: NL 31: 2026559 32: 2020-09-28

54: PANEL SUITABLE AS A FLOOR, CEILING OR WALL COVERING, AND COVERING FOR A FLOOR, CEILING OR WALL, WHICH IS CONSTITUTED BY A MULTITUDE OF SUCH PANELS

00: -

Panel suitable as a floor, ceiling or wall panel, which panel is of a planar design having an upper side, a bottom side and side edges which comprise a first side edge provided with a first profile and a second side edge provided with a second profile, wherein the first profile and the second profile are interacting profiles that can be coupled to each other, so that a first panel can be coupled in one common plane to a second, identical panel by the interacting profiles, wherein the first profile and the second profile in coupled condition establish an interlocking with each other both in a horizontal direction and in a vertical direction, wherein the first profile and the second profile are configured to allow for a coupling of the interacting profiles of the first panel with the second panel by a vertical insertion of the interacting profile of the first panel into the interacting profile of the second panel.

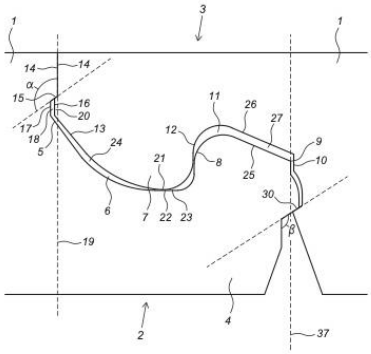


21: 2023/00965. 22: 2023/01/23. 43: 2023/08/31
51: E04F
71: I4F LICENSING NV
72: BOUCKÉ, Eddy Alberic
33: WO 31: PCT/EP2021/070758 32: 2021-07-23
33: NL 31: 2026190 32: 2020-07-31
33: NL 31: 2026188 32: 2020-07-31
33: NL 31: 2026559 32: 2020-09-28

54: PANEL AND COVERING

00: -

The last decades has seen enormous advance in the market for flooring for floor covering. It is known to install floor panels on a underlying floor in various ways. The present invention relates to an improved panel, such as a floor panel, in particular a decorative floor panel. The invention also relates to a covering, in particular a floor covering, comprising multiple interconnected panels according to the invention.



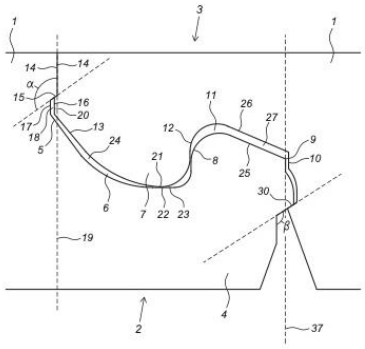
21: 2023/00975. 22: 2023/01/23. 43: 2023/08/31
51: E04F
71: I4F LICENSING NV
72: BOUCKÉ, Eddy Alberic
33: WO 31: PCT/EP2021/070758 32: 2021-07-23
33: NL 31: 2026191 32: 2020-07-31
33: NL 31: 2026188 32: 2020-07-31
33: NL 31: 2026559 32: 2020-09-28

54: PANEL AND COVERING

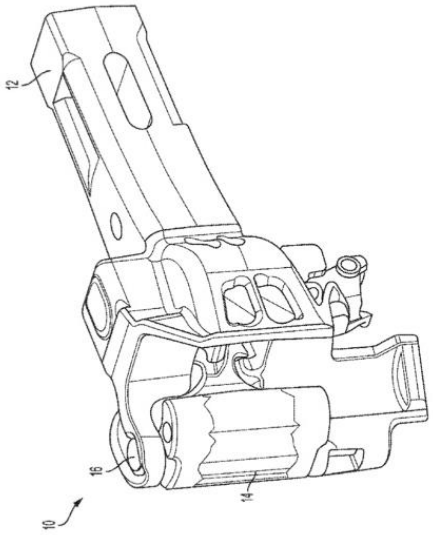
00: -

The last decades has seen enormous advance in the market for flooring for floor covering. It is known

to install floor panels on a underlying floor in various ways. The present invention relates to an improved panel, such as a floor panel, in particular a decorative floor panel. The invention also relates to a covering, in particular a floor covering, comprising multiple interconnected panels according to the invention.



21: 2023/00977. 22: 2023/01/23. 43: 2023/08/31
51: B61G
71: NEW YORK AIR BRAKE, LLC
72: BERG, Thomas, O'ROURKE, Jerome
33: US 31: 63/049,731 32: 2020-07-09
54: COUPLER KNUCKLE INTERNAL PIVOT PIN SUPPORT
00: -
A knuckle for a rail car coupler that reduces bending of an intermediate portion of the pivot pin that coupled the knuckle to a rail car coupler. The knuckle has a body with a throughbore defining a first bearing surface at a first end of the throughbore and a second bearing surface and a second end of the throughbore. A support extends from the body into the throughbore and includes a third bearing surface positioned between the first bearing surface and second bearing surface. When a pivot pin is positioned in the throughbore, it will contact the first bearing surface, the second bearing surface, and the third bearing surface, with the third bearing support protecting against bending of the pivot between the first and second bearing surfaces.



21: 2023/00979. 22: 2023/01/23. 43: 2023/08/31
51: B31B
71: FRUGALPAC LIMITED
72: GOUGH, Peter
33: GB 31: 2011683.6 32: 2020-07-28
54: APPARATUS FOR MANUFACTURING A CONTAINER
00: -
This invention relates to an apparatus for manufacturing a container, the container being made of paperboard and being formed from at least two elements adhered together. An apparatus for use in manufacturing a container comprises a first inlet connected to a supply of dry steam; a second inlet connected to a supply of hot air; a mixing chamber, the first inlet and the second inlet being fluidly connected to the mixing chamber such that a flow of dry steam from the first inlet mixes with a flow of hot air from the second inlet; and a delivery nozzle fluidly connected to the mixing chamber and configured to direct said mixed flow of hot air and dry steam to a part of at least one of said elements

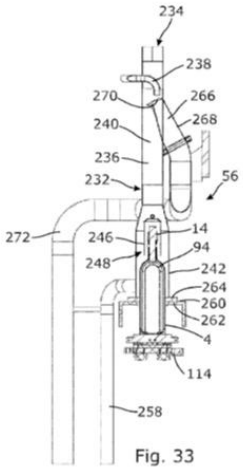


Fig. 33

21: 2023/00998. 22: 2023/01/23. 43: 2023/08/21
51: B31B
71: FRUGALPAC LIMITED
72: GOUGH, Peter, SLACK, Henry
33: GB 31: 2011685.1 32: 2020-07-28
54: APPARATUS FOR MANUFACTURING A CONTAINER
00: -
This invention relates to an apparatus for manufacturing a bottle, the bottle comprising an inner pouch and an outer paperboard shell, the shell being made from a sheet blank comprising a main body panel, a first neck panel and a second neck panel. An apparatus for use in manufacturing a bottle comprises a former having a cavity for receiving said pouch, the former comprising a main body section, a neck section and a shoulder section extending between the main body section and the neck section; at least two neck press elements, each neck press element including a press surface facing and aligned with at least a part of the neck section of the former, and each neck press element being moveable into a clamping position to clamp a part of one of said neck panels between the neck press element and the neck section of the former; and at least two shoulder press elements, each shoulder press element including a press surface facing and aligned with the shoulder section of the former, and each shoulder press element being moveable into a clamping position to clamp a part of one of said neck panels between the shoulder press element and the shoulder section of the former.

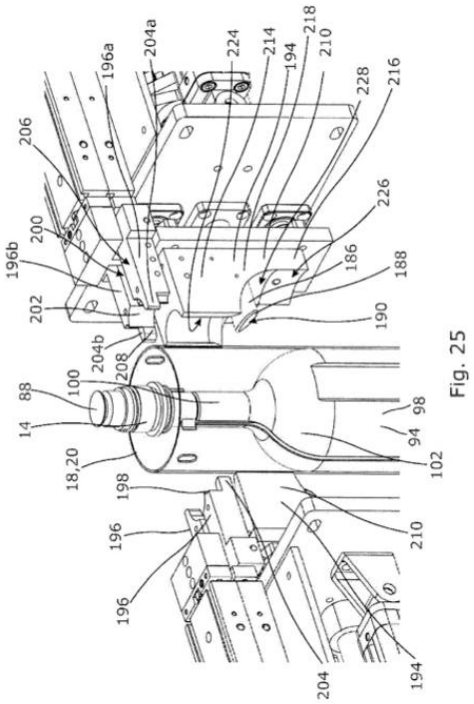


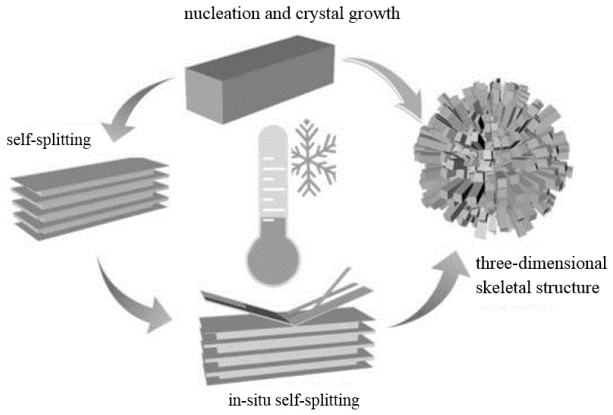
Fig. 25

21: 2023/01159. 22: 2023/01/27. 43: 2023/08/21
51: A23J
71: COÖPERATIE KONINKLIJKE AVEBE U.A.
72: SPELBRINK, Robin Eric Jacobus, SEEGERS, Christina Lamberta Catharina, STANIŠIC, Nikola, CHEN, Zhenghong
33: EP 31: 20188554.8 32: 2020-07-30
54: PATATIN AS BINDER IN MEAT SUBSTITUTES
00: -
The invention provides a method for suppressing off-flavor formation in food products which comprise or have been prepared from a mixture comprising water, a lipid and native patatin, as well as to food products thus obtained.

21: 2023/01212. 22: 2023/01/30. 43: 2023/08/21
51: A23K
71: YANBIAN UNIVERSITY
72: LI, Guangchun, HE, Jiaoyang, YAN, Changguo, CAI, Hongfan
54: PH-REGULATED TOTAL MIXED FERMENTED FEED AND PREPARATION METHOD THEREOF
00: -
Disclosed is a pH-regulated total mixed fermented feed, including a fine feed and a coarse feed. The fine feed is prepared from a fine feed raw material by fermentation of lactic acid bacteria, and the coarse feed is prepared from a coarse feed raw material by fermentation of bacillus megaterium MYB3 under an

alkaline condition. The pH value of the total mixed fermented feed is 6.00-7.00.

21: 2023/01311. 22: 2023/02/01. 43: 2023/08/23
51: H01M
71: Kunming University of Science and Technology
72: YAO Yaochun, GAO Geng, CUI Dingfang, ZHANG Keyu, YANG Bin, MI Ruzhong, DAI Yongnian
33: CN 31: 2021110851221 32: 2021-09-16
54: PREPARATION METHOD OF METAL OXALATE LITHIUM ION BATTERY ANODE MATERIAL WITH ORDERED THREE-DIMENSIONAL SKELETON STRUCTURE
00: -
The invention relates to a preparation method of metal oxalate lithium ion battery anode material with ordered three-dimensional skeleton structure. The method is characterized in that common metal oxalates with different morphologies are split in situ by freezing in-situ self-splitting technology, so that metal oxalate particles are further exposed to more highly ordered low-dimensional building blocks, showing richer active sites and three-dimensional skeleton structures. In the field of energy storage, the superlattice structure produced by in-situ self-splitting in freezing can not only prepare three-dimensional ordered carbon skeleton which is rarely reported, but also provide a large number of channels and structural support for the storage of alkali metal ions by using its rich active sites, which can effectively improve the electrochemical properties of materials and realize high energy storage capacity.



21: 2023/01361. 22: 2023/02/02. 43: 2023/08/23
51: H04W
71: ZTE CORPORATION
72: LIU, Xiao, LV, Shasha
33: CN 31: 202011008211.1 32: 2020-09-23
54: CONFIGURATION METHOD AND CONFIGURATION APPARATUS FOR UNKNOWN NEIGHBOR CELL, AND ELECTRONIC DEVICE
00: -
The present application relates to a configuration method and configuration apparatus for an unknown neighbor cell. The configuration method comprises: receiving a PCI and a frequency point of an unknown neighbor cell that are reported by a UE terminal; searching the entire network for every cell where both the PCI and frequency point are the same as those of the unknown neighbor cell, so as to obtain a cell set; determining the longitude and latitude range of a search region of the unknown neighbor cell; filtering cells from the cell set that are located in the search region of the unknown neighbor cell, so as to obtain a filtered cell set; calculating the distance between each cell in the filtered cell set and a central point; and taking the cell closest to the central point as a final neighbor cell of a serving cell, and adding neighbor cell information of the final neighbor cell to a neighbor cell list.

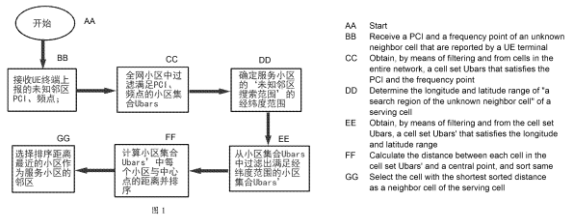
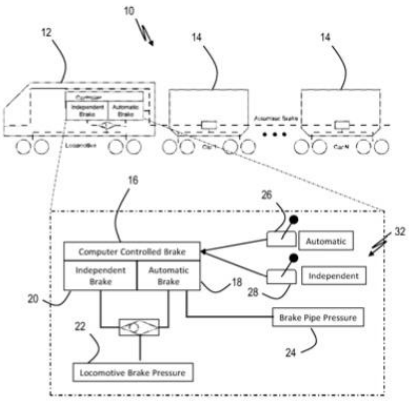


图 1

21: 2023/01438. 22: 2023/02/03. 43: 2023/08/23
51: A61K; C07K; C12N; A61P
71: JOINT STOCK COMPANY "BIOCAD"
72: PROKOFYEV, Alexander Vladimirovich, GERSHOVICH, Pavel Mikhailovich, STRELKOVA, Anna Nikolaevna, SPIRINA, Natalia Aleksandrovna, KONDINSKAIA, Diana Aleksandrovna, IAKOVLEV, Pavel Andreevich, MOROZOV, Dmitry Valentinovich
33: RU 31: 2020128658 32: 2020-08-28
54: AA V5-BASED VACCINE AGAINST SARS-COV-2
00: -
The present application relates to the fields of biotechnology, immunology, virology, genetics, and molecular biology. More specifically, the present invention relates to an isolated recombinant receptor-binding domain of the S glycoprotein (RBD-

S) of SARS-CoV-2 (severe acute respiratory syndrome-related coronavirus 2), to a nucleic acid that encodes RBD-S of SARS-CoV-2, to an expression cassette and a vector based thereon, as well as to a recombinant AAV5 (adeno-associated virus serotype 5)-based virus for the induction of specific immunity to SARS-CoV-2 and/or prevention of the SARS-CoV-2-related coronavirus infection, to an AAV5-based vaccine for the induction of specific immunity to SARS-CoV-2 and/or prevention of the SARS-CoV-2-related coronavirus infection, and to their use for the induction of specific immunity to SARS-CoV-2 and/or prevention of the SARS-CoV-2-related coronavirus infection.

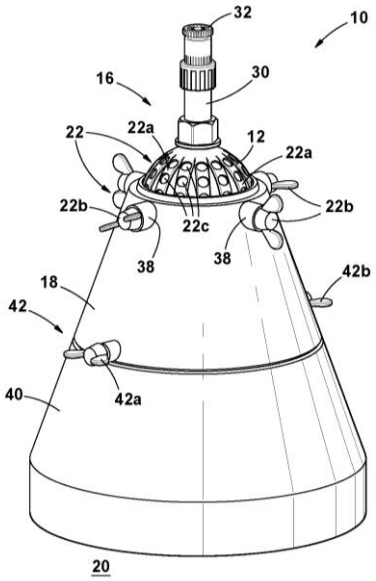
21: 2023/01439. 22: 2023/02/03. 43: 2023/08/23
51: B60T
71: NEW YORK AIR BRAKE, LLC
72: PARISIAN, Michael, L
33: US 31: 63/059,371 32: 2020-07-31
54: EXCESSIVE TRAIN BRAKE PIPE FLOW DIAGNOSTICS
00: -
A brake pipe pressure monitoring system evaluates the flow of pressure in the brake pipe and alerts the train driver when the brake pipe flow indicates a brake system failure. The system has a brake pipe pressure module coupled to computer controlled brake as well as to a brake pipe pressure transducer, a main reservoir pressure transducer, and a flow transducer that determines the amount of pressure flow from the main reservoir to the brake pipe. The brake pipe pressure module is programmed to calculated and track the flow in the brake pipe over time and to determine whether the flow in the brake pipe over time exceeds a predetermined threshold. In the even that flow exceeds the predetermined threshold, the computer controlled brake is signaled to alert the train driver of the failure condition.



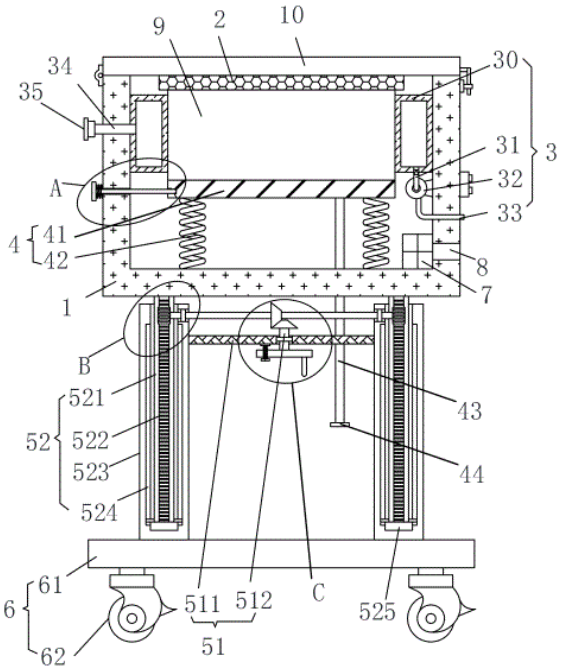
21: 2023/01455. 22: 2023/02/03. 43: 2023/09/04
51: C07C
71: RALLIS INDIA LIMITED
72: PANIRAJ, A.S., KUMAR. D, Suresh, S.V.R, Adithya
33: IN 31: 202021032977 32: 2020-07-31
54: PROCESS FOR PREPARATION OF MESOTRIONE AND ITS INTERMEDIATES
00: -
The present disclosure provides a new and improved process for preparation of intermediate compounds and synthesis of mesotrione therefrom. The present disclosure provides an economical, efficient and eco-friendly process for preparation of mesotrione.

21: 2023/01463. 22: 2023/02/06. 43: 2023/09/04
51: B05B; F16B; F16L
71: UNIVERSITY OF SOUTH AFRICA
72: STOFFBERG, GERRIT HENDRIK
33: ZA 31: 2022/01686 32: 2022-02-09
54: A DEVICE FOR ORIENTATING AN OUTLET OF A SPRINKLER
00: -
The invention relates to a device 10 for orientating an outlet of a sprinkler. The device includes a spherical body 12 with an inlet 14 and an outlet 16 arranged on opposing ends thereof, wherein the inlet 14 is arranged in fluid flow communication with the outlet of the sprinkler and with the outlet 16 of the spherical body 12. A support member 18 for supports the spherical body 12 relative to a ground surface 20. The support member 18 is sized, shaped and configured to receive and engage complementally a portion of the spherical body 12 and to allow the spherical body 12, and outlet 16 thereof, to be displaced to a desired position, relative

to the support member 18. A retaining arrangement 22 retains the spherical body 12 in the desired position relative to the support member 18.

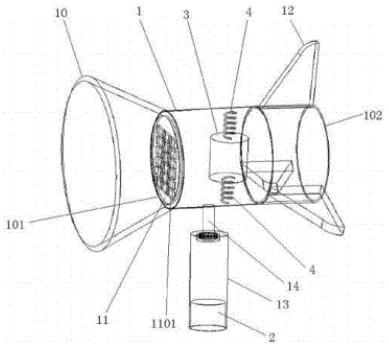


21: 2023/01502. 22: 2023/02/06. 43: 2023/08/23
51: A61B
71: North China University of Science and Technology
72: Jian SUN, Shichao YANG, Yue LI
33: CN 31: 202211677388.X 32: 2022-12-26
54: AN EPIDEMIOLOGICAL INFORMATION COLLECTOR WITH A PROTECTIVE MECHANISM
00: -
The present invention discloses an epidemiological information collector with a protective mechanism, including an information collector body, which is set inside a storage box by a protective mechanism; the protective mechanism includes a top protective unit, a side protective unit and a bottom protective unit, which are set at the top, side and bottom of the information collector body respectively. The epidemiological information collector with protection mechanism of the above structure of the present invention can avoid damage to the body of the information collector by external collision and other factors by providing protection mechanism around the body of the information collector, and the overall height can be adjusted by the lifting and adjusting mechanism, which is convenient for the staff to use and more convenient to operate.



21: 2023/01537. 22: 2023/02/07. 43: 2023/08/23
51: F03B
71: GUANGDONG OCEAN UNIVERSITY, CHANGLE COUNTY INVESTMENT COOPERATION PROMOTION CENTER
72: PANG, Hongchen, YANG, Fang, PAN, Xinxiang, YU, Haihua, HUANG, Xili, WEI, Bin, SUN, Zibin, LING, Ziyun
33: CN 31: 202110983303.X 32: 2021-08-25
54: FREQUENCY-INCREASED AND MICRO-VIBRATED OCEAN CURRENT ENERGY TRIBOELECTRIC NANOGENERATOR
00: -
The present invention relates to the field of ocean energy power generation technologies, and discloses a frequency-increased and micro-vibrated ocean current energy triboelectric nanogenerator, including: a housing having a water inlet and a water outlet; a power supply management system; and at least one power generation group including a support cylinder, a first elastic member and at least one power generation unit, wherein the support cylinder is connected with an inner wall of the housing through the first elastic members, and the power generation unit includes a folding plate and a second elastic member, so that in addition to waves, flowing of ocean currents may also be used to produce vibration, thereby improving the utilization

rate of ocean current energy, and implementing effective collection of ocean current energy.



21: 2023/01577. 22: 2023/02/08. 43: 2023/08/24
51: A23K; A23L; C12N; C12R
71: CHINA MEAT RESEARCH CENTER
72: WANG, Shouwei, XIONG, Suyue, CHEN, Xi, LI, Jiapeng, MI, Ruifang, QI, Biao, LIU, Ruiqian, QU, Chao, QIAO, Xiaoling, ZHAO, Yan
33: CN 31: 202210169296.4 32: 2022-02-24

54: PROBIOTIC LACTOBACILLUS PLANTARUM STRAIN AND USE THEREOF IN PREPARATION OF LOW-SALT FERMENTED MEAT PRODUCT

00: -

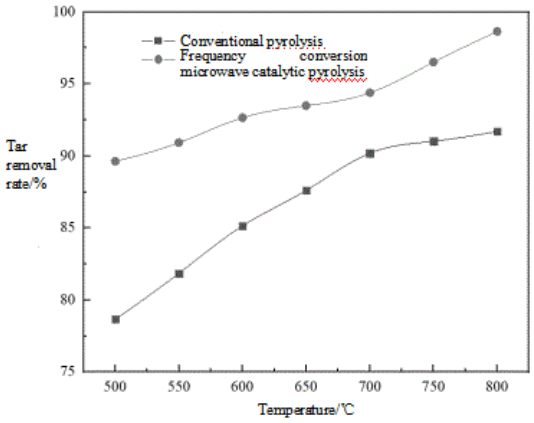
The present disclosure relates to the technical field of microorganisms, in particular to a probiotic Lactobacillus plantarum strain and use thereof in preparation of a low-salt fermented meat product. The present disclosure provides Lactobacillus plantarum CMRC 19L, deposited at the China General Microbiological Culture Collection Center (CGMCC) under accession number 11347. The L. plantarum CMRC 19L grows fast, is capable of inhibiting growth of pathogenic bacteria, and has excellent meat fermentation performance; furthermore, the strain is resistant to the gastrointestinal environment, exhibits high adhesion to intestinal mucus protein and intestinal epithelial cells, and has excellent probiotic properties. As a starter culture, the strain can ensure the edible safety and flavor quality of the low-salt fermented meat product and significantly improve the nutritional value of the fermented meat product.

21: 2023/01578. 22: 2023/02/08. 43: 2023/08/24
51: C10G
71: Harbin Institute of Technology
72: Jun ZHANG, Zhengrui CHEN, Linlin YIN, Yifan CHEN
33: CN 31: 202211663110.7 32: 2022-12-23

54: A FREQUENCY CONVERSION MICROWAVE ENERGY SAVING CO-PYROLYSIS METHOD FOR REMOVING TAR FROM OILY SLUDGE AND BIOGAS RESIDUE BY IN-SITU CRACKING

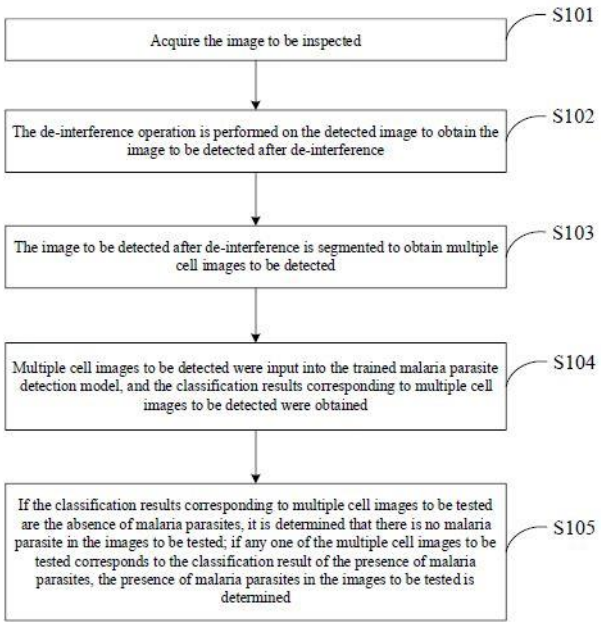
00: -

The invention discloses a frequency conversion microwave energy-saving co-pyrolysis method for removing tar from oily sludge and biogas slag by in-situ cracking, which belongs to the technical field of oily sludge treatment. The invention adopts alkaline solvent activation method to prepare pyrolytic carbon catalyst; Then the pyrolytic carbon catalyst was added into the mixture of oily sludge and fermented biogas residue for co-pyrolysis. The co-pyrolysis was carried out by infrared temperature measuring unit coupled with frequency conversion microwave pyrolysis unit. The invention can catalyze the pyrolysis reaction, realize the in-situ removal of tar, and reduce the activation energy of the pyrolysis reaction by adding the activated pyrolytic carbon as the catalyst. The infrared temperature measurement unit monitors the pyrolysis temperature and feeds it back to the frequency conversion pyrolysis system, so as to adjust the reaction temperature in real time, ensure the uniform control of the pyrolysis temperature, further reduce the energy consumption of the pyrolysis reaction, enable the efficient and rapid treatment of oily sludge and fermentation biogas residue, thus realizing the efficient resource utilization of oily sludge and fermentation biogas residue.



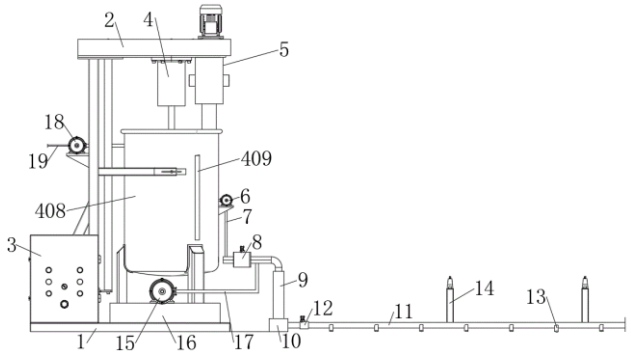
21: 2023/01605. 22: 2023/02/08. 43: 2023/08/24
51: G06K
71: ACADEMY OF MILITARY MEDICAL SCIENCE, PLA

72: TENG, Yue, CUI, Yujun, SONG, Yajun, YANG, Shan
33: CN 31: 202010693922.0 32: 2020-07-17
54: PARASITE DETECTION METHOD AND SYSTEM BASED ON ARTIFICIAL INTELLIGENCE, AND TERMINAL DEVICE
00: -
The present invention relates to the technical field of disease diagnosis and image detection. Provided are a parasite (for example, a zoonotic parasite) detection system, detection device and detection method. The parasite detection system comprises an image collection module, an interference elimination module, an image segmentation module, an image classification module and a classification result determination module. By means of the present invention, automatic detection can be directly realized on site, timely on-site detection can be realized by means of common manual photographing, and the detection accuracy rate is greatly improved, thereby reducing the work intensity of detection personnel, improving the detection efficiency, and having a wide application value. Moreover, by means of the present invention, costs can be saved on, and the complexity of parasite detection can be reduced, which is beneficial for popularization and application thereof.



21: 2023/01629. 22: 2023/02/09. 43: 2023/08/28
51: E02B
71: Tarim University

72: Zhang Yuan, Wang Xingpeng, Yang Fan, Yao Baolin, Liu Kun, Yang Xiyan
54: AN EFFICIENT IRRIGATION DEVICE
00: -
The invention relates to the field of cotton drip irrigation technology, in particular, it is an efficient irrigation device, including a bracket, the top of the bracket is connected with a mixing assembly , the mixing assembly is provided with a blanking assembly on one side, the top of the lower material assembly is fixedly connected with the bracket, the bottom of the lower material assembly is connected with the mixing assembly, the side of the mixing assembly is fixedly connected with a first water pump, the outer the of the conveying pipe is installed with a first solenoid valve, the bottom of the conveying pipe is connected with a longitudinally set main pipe, the side of the main pipe is connected with a longitudinal uniform evenly distribution sub-pipes; The invention, by setting a humidity sensor, real-time monitoring of soil moisture in each area, once the soil is too drought, then through the control cabinet control the first solenoid valve and the second water pump to start, and open the corresponding second solenoid valve; At this time can be targeted for drought areas of the soil drip irrigation treatment, while the side device does not need to manually open the valve, greatly reducing people's labor intensity, high degree of automation, to achieve efficient watering purpose.

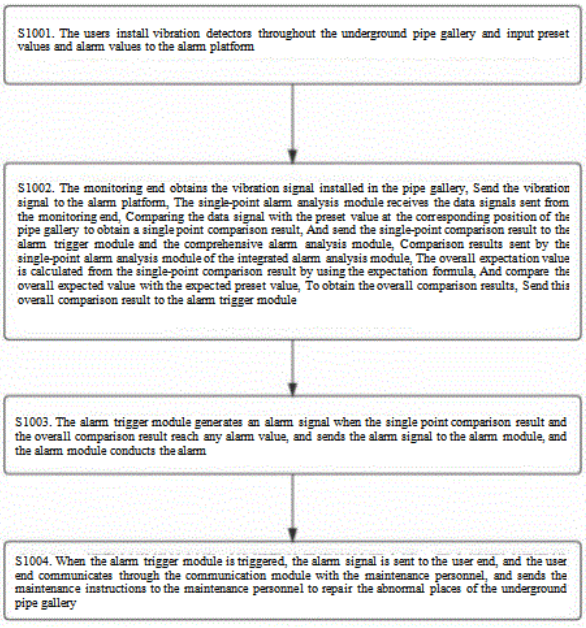


21: 2023/01634. 22: 2023/02/09. 43: 2023/09/14
51: G08B
71: Hebei GEO University
72: Xiuling CAO, Muci YUE, Song CHEN, Haiyan XU, Yuzhang WANG, Zhiqiang ZHAI, Jianming LI, Siru ZHANG, Xingkuo WANG, Yunsheng GAO, Qingyao LI
33: CN 31: 202111464381.5 32: 2021-12-03

54: AN ANTI-SEISMIC PERFORMANCE ABNORMAL WARNING SYSTEM AND METHOD OF UTILITY TUNNEL

00: -

The invention discloses an anti-seismic performance abnormal warning system for utility tunnel, in which the monitoring end obtains the vibration signals installed in various parts of the pipe gallery, sends the vibration signals to the alarm platform, which receives the vibration signals sent by the monitoring end, analyzes the data of the vibration signals, makes an alarm when the vibration signals exceed the preset value, and sends the alarm signals to the user side, which receives the user's login instructions; receiving the alarm signal sent by the alarm platform, the anti-seismic performance of the underground pipe gallery can be reported in real time. Meanwhile, through the setting of multiple vibration measurers, the monitoring points of the pipe gallery can be monitored locally, and the anti-seismic resistance of the pipe gallery can be monitored comprehensively, so as to improve the accuracy of the anti-seismic alarm system.



21: 2023/01682. 22: 2023/02/10. 43: 2023/08/25

51: G06Q

71: SHENZHEN URBAN PUBLIC SAFETY AND TECHNOLOGY INSTITUTE

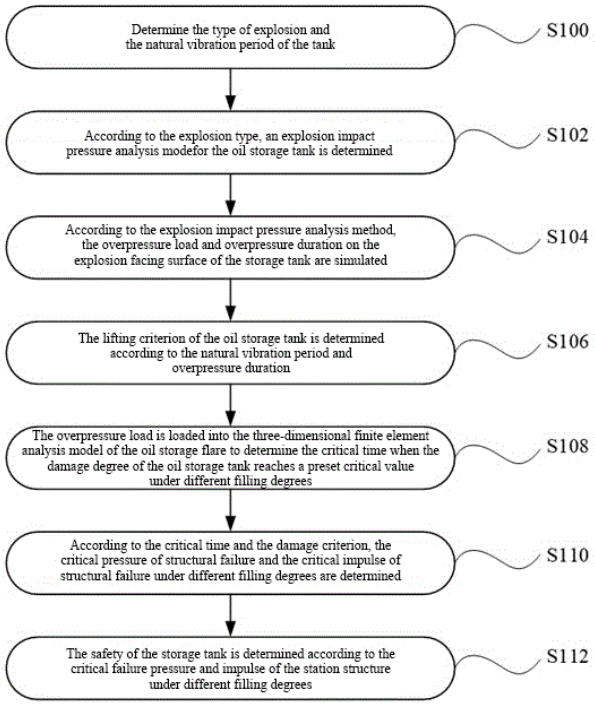
72: Dayong Xu, Qingrui Yue, Huichun Jiang, Gansu Shen, Yu Qin, Fang Dong, ShuFeng Xi, Zhongqi Shi, Jun Ling

33: CN 31: 202210931069.0 32: 2022-08-04

54: STORAGE TANK SAFETY ASSESSMENT METHODS, DEVICES, COMPUTER EQUIPMENT AND STORAGE MEDIA

00: -

This invention discloses the storage tank safety assessment methods, devices, computer equipment and storage media, including: determining the explosion type and the natural vibration period of the storage tank: determining the explosion impact pressure analysis method for the storage tank according to the explosion type: Simulating the overpressure load and overpressure duration of the explosion facing surface of the storage tank; Determine the damage criterion of the oil storage tank according to the natural vibration period and overpressure duration: Determine the critical time when the damage degree of the oil storage tank reaches the preset critical value under different filling degrees; Determine the critical pressure of structural failure and the critical impulse of structural failure under different filling degrees according to the critical time and damage criterion; Determine the critical pressure of structural failure and the critical impulse of structural failure under different filling degrees Bad critical impulse.



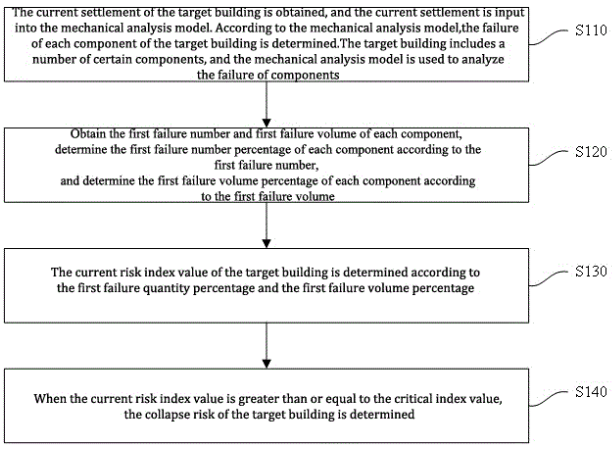
21: 2023/01683. 22: 2023/02/10. 43: 2023/08/25

51: G06F
71: SHENZHEN URBAN PUBLIC SAFETY AND TECHNOLOGY INSTITUTE
72: Dayong Xu, Qingrui Yue, Yu Qin, Gansu Shen, Huichun Jiang, Fang Dong, ShuFeng Xi, Zhongqi Shi, Jun Ling
33: CN 31: 202210889585.1 32: 2022-07-27

54: METHODS, DEVICES, COMPUTER EQUIPMENT AND STORAGE MEDIA FOR BUILDING COLLAPSE RISK ASSESSMENT

00: -

This application implementation method provides a method for assessing the risk of building collapse. This method includes: obtain the current settlement of the target building, input the current settlement into the mechanical analysis model, according to the mechanical analysis model to determine the failure of each component of the target building; The first failure quantity and first failure volume of each component were obtained. The first failure quantity percentage of each component was determined according to the first failure quantity and the first failure volume percentage of each component was determined according to the first failure volume. The current risk index value of the target building is determined according to the first failure quantity percentage and the first failure volume percentage. When the current risk index value is greater than or equal to the critical index value, the collapse risk of the target building is determined. The building collapse risk assessment method provided in This application implementation method enables rapid assessment of the risk of building collapse.

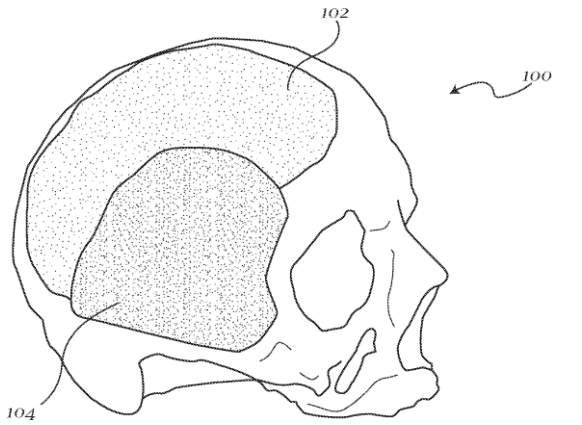


21: 2023/01695. 22: 2023/02/10. 43: 2023/08/28
51: A61B; A61F
71: CRANIUS LLC
72: GORDON, Chad
33: US 31: 63/065,045 32: 2020-08-13
33: US 31: 17/400,239 32: 2021-08-12

54: HIGH-PROFILE, ANATOMY-SPECIFIC CRANIOFACIAL IMPLANTS FOR COMBINED HARD AND SOFT TISSUE RECONSTRUCTION WITH EMBEDDED TECHNOLOGY FOR MEDICINE DELIVERY

00: -

An anatomy-specific implant for neuroplastic surgery. The implant includes a soft tissue implant component designed within and adapted to replace or restore missing soft tissue in a skull, joint or spine of the patient, wherein the soft tissue implant component is adapted to be coupled by an interdigitated connection to a rigid component. The rigid component can be a skull implant adapted to replace missing cranial or vertebral bone, or healthy cranial or vertebral bone, either of which can have downward extending catheters for medicinal brain or spinal cord infusion to help bypass the blood-brain barrier via multiphase flow. The soft tissue implant may include a functional component having neurotechnologies such as MRI-lucent pumps, Bluetooth connection systems, refillable diaphragms, remote imaging devices, wireless charging capabilities, and/or informative biosensors. The soft tissue implant component may be interchangeable with another soft tissue implant component in plug-and-play fashion.



21: 2023/01705. 22: 2023/02/10. 43: 2023/08/28
51: A61K; A61Q
71: V. MANE FILS
72: TARDIEU, Audrey, HANNETEL, Jean-Michel
33: FR 31: FR2007630 32: 2020-07-20

54: CAPSULES COMPRISING A PERFUME COMPOSITION FOR SINGLE-DOSE FRAGRANCING

00: -

The present invention relates to a core-in-shell type seamless capsule for fragrancing a user, the shell comprises at least one hydrocolloid, the core comprises at least one fragrancing agent and at least one lipophilic solvent, characterised in that the shell is breakable, and in that the core comprises between 15 and 40% by weight of fragrancing agents relative to the total weight of the core, and between 60 and 85% by weight relative to the total weight of the core of a non-glyceride lipophilic solvent, the solvent being miscible with ethanol and having: a viscosity less than 10 mPas as measured at a temperature of 25°C and at a shear rate of 10 s-1; a density ranging from 0.82 to 0.99 and; a spread value greater than 850 mm²/10 min.

21: 2023/01745. 22: 2023/02/13. 43: 2023/08/28
51: E21D
71: Heilongjiang Bayi Agricultural University
72: TANG Huacheng, WANG Weihao, LI Liangyu, LING Yang, LI Chaoyang, LI Hongfei, BAO Guofeng, ZHANG Guifang, JIANG Xiujie, JIA Pengyu

54: PREPARATION METHOD OF BREAD WITH LOW AUXILIARY MATERIALS

00: -

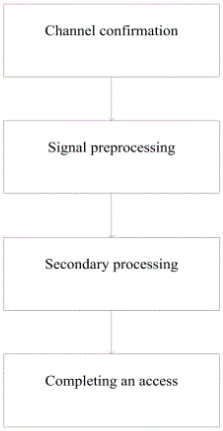
The invention discloses a preparation method of bread with low auxiliary materials, and belongs to the technical field of food processing. Bread with low auxiliary materials comprises sucrose, functional sugar and the following raw materials in parts by mass: 500 parts of wheat flour, 5 parts of yeast, 6 parts of edible salt and 2 parts of soybean phospholipids; the total added amount of sucrose and functional sugar is 16 percent of the wheat flour. Functional sugars include xylitol, resistant dextrin, inulin, psicose, arabinose, trehalose, stevioside and mogroside. The functional sugars (sugar alcohol, resistant dextrin, inulin, psicose, arabinose, trehalose, stevioside and mogroside) in the invention can successfully replace the sucrose in bread, and the addition amount of sucrose in bread will not affect the taste of bread at the same time, and a plurality of functional sugars are compounded and added, so that the prepared bread is better and healthier than the bread prepared by simply using sucrose, and is suitable for diabetics and the elderly.

21: 2023/01747. 22: 2023/02/13. 43: 2023/08/28
51: H04B; H04L
71: TANGSHAN UNIVERSITY
72: TANG, Wanwei, MA, Zhuang, HAN, Guofeng, WANG, Lixia
33: CN 31: 202111293683.0 32: 2021-11-03

54: NON-ORTHOGONAL MULTIPLE ACCESS METHOD APPLIED TO SATELLITE COMMUNICATION

00: -

Disclosure in the present disclosure is a non-orthogonal multiple access method applied to satellite communication, which includes four steps of channel confirmation, signal preprocessing, secondary processing and completing an access. In the non-orthogonal multiple access method applied to satellite communication, the number of devices which need to communicate is counted, and a channel state is determined according to a counted result, so as to ensure that a communication channel can meet connection requirements of multiple communication devices; meanwhile, a corresponding coding and modulation mode is determined according to the channel state, which is beneficial to improve the efficiency of signal processing, and does not need to perform secondary conversion, then an access between communication devices and satellite equipment is enabled by using a non-orthogonal multiple access method.



21: 2023/01748. 22: 2023/02/13. 43: 2023/08/28
51: A01N
71: Anhui Huaxing Chemical Co., Ltd.
72: Yan Zebin, Xiong Jinhua, Li Wenming, Wang Yugui
33: CN 31: 202211184525.6 32: 2022-09-27

54: A HERBICIDE AND PESTICIDE COMPOSITION OF 2-METHYL-4-CHLOROPHENOXYACETIC ACID SODIUM AND DIMEHYPO

00: -

A herbicide and pesticide composition of 2-methyl-4-chlorophenoxyacetic acid sodium salt and dimehypo, relates to the technical field of pesticide. The herbicide and pesticide composition of 2-methyl-4-chlorophenoxyacetic acid sodium salt and dimehypo comprises the effective ingredients of 2-methyl-4-chlorophenoxyacetic acid sodium salt and dimehypo, wherein the weight ratio of 2-methyl-4-chlorophenoxyacetic acid sodium salt and dimehypo is 1:50-50:1; the mass content of 2-methyl-4-chlorophenoxyacetic acid sodium salt and dimehypo is 1-80%. The composition presents the advantages of both herbicidal and insecticidal, long duration, low toxicity, low residue, pollution-free and environmentally friendly; as compound preparation is used, the consumption of two kinds of agents is all lower than single use, thereby improving the herbicide and pesticide effect, increasing safety, reducing environmental pollution. The two active ingredients of 2-methyl-4-chlorophenoxyacetic acid sodium salt and dimehypo are compounded to kill weeds and insects, which reduces the labor cost of farmers and brings favorable economic benefits.

21: 2023/01772. 22: 2023/02/14. 43: 2023/08/28
51: A23L
71: MICALLEF, Stanley Charles
72: MICALLEF, Stanley Charles
33: ZA 31: 2022/09591 32: 2022-08-29

54: CHICKEN PREPARATION PROCESS FOR RETORT COOKING AND PACKAGING

00: -

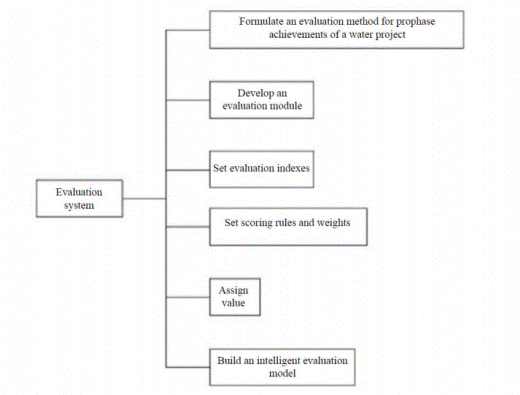
The present invention relates to a process for preparing chicken portions for consumption by a method which includes dividing and placing portions of chicken into one or more vacuum sealed retort pouches and cooking same with a cooking device.

21: 2023/01786. 22: 2023/02/14. 43: 2023/08/28
51: G06Q
71: SHENZHEN SHENSHUI WATER RESOURCES CONSULTING CO., LTD.
72: YANG, Fan, LUO, Wenjun, YAN, Ge, LIU, Zhe, LAI, Fengfeng, LI, Yunke, ZHANG, Meng, LI, Donglai
33: CN 31: 202111500784.0 32: 2021-12-09

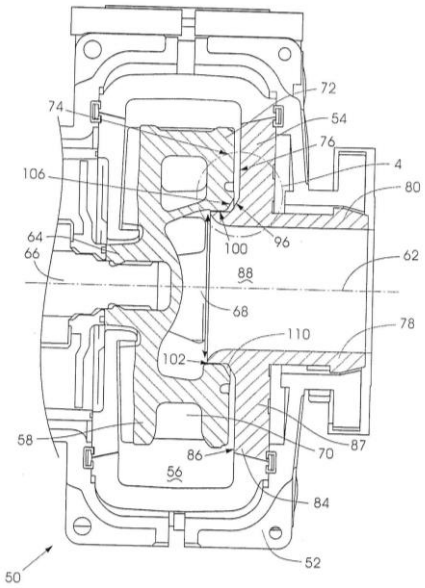
54: QUALITY EVALUATION SYSTEM FOR PROPHASE ACHIEVEMENTS OF WATER PROJECT BASED ON MOBILE PHONE APP

00: -

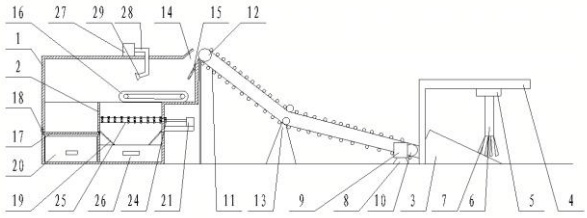
Disclosed is a quality evaluation system for prophase achievements of a water project based on a mobile phone app, including: S1: formulating an evaluation method for prophase achievements of a water project; S2: developing an evaluation module; S3: setting evaluation indexes; S4: setting scoring rules and weights; S5: assigning value; and S6: building an intelligent evaluation model. Compared with conventional offline review scoring, quality review programs enable online scoring and access, thus realizing a dual-line synchronous review. And the quality review programs save the information on past review programs, thus easily realizing one-touch file management.



21: 2023/01791. 22: 2023/02/14. 43: 2023/08/30
51: F04D
71: BATTLEMAX (PTY) LTD
72: MULLER, Thomas, BUITENDAG, Marthinus Jacobus, DE VILLIERS, Conrad Gräbe
33: ZA 31: 2020/05272 32: 2020-08-25
54: CENTRIFUGAL PUMP
00: -
A centrifugal pump which includes a tubular structure which extends into an eye of an impeller and which directs a medium to be pumped into the eye, and wherein an axially extending annular cylindrical sealing clearance is formed between opposing surfaces of the impeller and the structure.

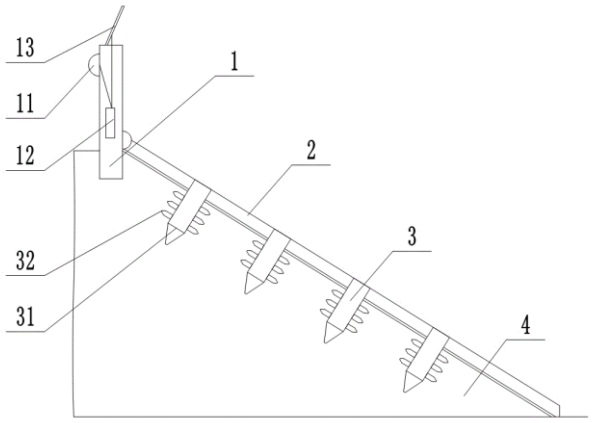


21: 2023/01878. 22: 2023/02/16. 43: 2023/08/28
51: B02C
71: Zhengzhou University of Aeronautics
72: WANG Jibing, MA Shufang, WEI Xiaogang, WU Peng, ZHAO Rui, YUE Pengwei
54: DEVICE FOR TREATING BUILDING CONSTRUCTION WASTE FOR CIVIL ENGINEERING
00: -
The invention provides a device for treating building construction waste for civil engineering, comprising: a conveying system, which comprises a cleaning part contacting with the ground, and the cleaning part is abutted with the conveying part; the screening system comprises a body communicated with the conveying part, wherein a screening part is arranged in the body; the bottom end of the screening part is respectively communicated with a filtering part and a crushing part; a partition plate is installed between the filtering part and the crushing part; and a blowing part is installed at the top end of the body, and the blowing part extends into the body and is correspondingly arranged in the body. The invention completes the separation of plastic and concrete waste, facilitates the subsequent recycling and utilization of waste according to the types of waste, improves the efficiency of waste treatment, realizes the automatic transportation of building construction waste to crushing and recycling treatment, greatly improves the waste treatment efficiency of workers, and is time-saving and labor-saving, and has strong practicability.

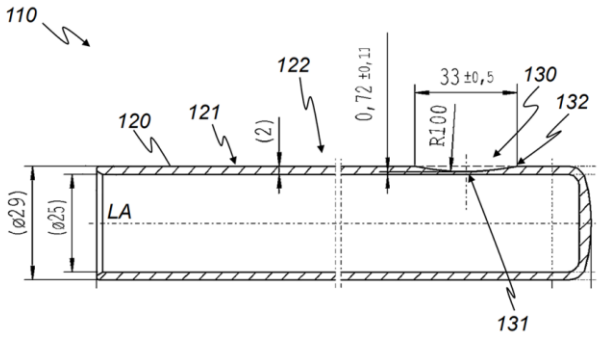


21: 2023/01883. 22: 2023/02/16. 43: 2023/08/28
51: E02D
71: Zhengzhou University of Aeronautics
72: WANG Jibing, MA Shufang, CHEN Mengze, WEI Xiaogang, YUE Pengwei, ZHAO Rui
54: SLOPE REINFORCEMENT STRUCTURE OF CIVIL ENGINEERING
00: -
The invention discloses a reinforcement structure of a slope in civil engineering, which comprises a protective fence, wherein the protective fence is installed at the top end of the slope to be protected, and a warning component is installed on the

protective fence; the reinforcing plate is laid on the inclined surface of the slope, and the top end of the reinforcing plate is hinged with the protective fence; a fixing device, wherein a plurality of fixing devices are arranged on the reinforcing plate in an array, and the fixing device comprises a fixing pile, the bottom end of the fixing pile passes through the fixing plate and is inserted into the slope body, and a plurality of anti-pulling teeth are vertically installed on the side wall of the fixing pile, and the anti-pulling teeth are inserted into the slope body; a grouting cavity is arranged in the anti-pulling tooth, one end of the grouting cavity is communicated with the inner cavity of the fixed pile, and a plurality of grouting holes communicated with the grouting cavity are arranged through the outer wall of the anti-pulling tooth. The device is simple and convenient to construct, and the structure of the slope is modified while the slope reinforcement structure is installed, so that the structural strength of the slope itself is improved, the erosion of the slope by vibration and precipitation is reduced, and the stability of the slope is improved.



21: 2023/01907. 22: 2023/02/16. 43: 2023/08/28
51: F16F
71: STABILUS GmbH
72: PROBST, Ulrich, REISER, Alexander, BEIB, Felix, UNKELBACH, Nico
33: DE 31: 10 2022 103 750.9 32: 2022-02-17
54: GAS PRESSURE SPRING WITH OVERPRESSURE PROTECTION, METHOD FOR MANUFACTURING THE GAS PRESSURE SPRING
00: -
The invention relates to a gas pressure spring (100) comprising a pressure tube (110) and a fluid with a fluid pressure enclosed by the pressure tube (110) in a fluid-tight manner in an operating state of the gas pressure spring (110). A wall (120) of the pressure tube (110) has a local taper (130), the taper (130) forming a predetermined breaking point of the wall (120) adapted to open to release a portion of the fluid from the pressure tube (110) in a controlled manner when the fluid pressure exceeds a limit pressure. A wall thickness of the wall (120) has a line-shaped minimum (131) within the taper (130), the wall thickness increasing monotonically from the minimum (131) to an edge (132) of the taper (130) in all circumferential directions around a longitudinal axis (LA) of the pressure tube (110). The invention also relates to a method of manufacturing the gas pressure spring (100).



21: 2023/01934. 22: 2023/02/16. 43: 2023/08/28
51: E05G; G07D
71: MAGNETO IP HOLDINGS (PTY) LTD
72: ROBSON, Michael donald
33: WO 31: PCT/IB2021/057582 32: 2021-08-18
33: ZA 31: 2020/05097 32: 2020-08-18
54: BANK NOTE PROTECTION DEVICE
00: -
This invention relates to the protection of bank notes (4) and more particularly, but not exclusively, to the protection of bank notes (4) in an automatic teller machine (ATM) comprising a first container (9) which is made from a material which breaks under the effect of the shockwave from a source outside of the container (9), in excess of a predetermined magnitude, a liquid dye inside the container (9) which, upon rupturing of the container (9), is automatically released and dispersed randomly, due to action of the shockwave and gravity action, a second container (5) having a number of spray openings (6). There is provided for the liquid dye, when dispersed, to come into contact with bank

notes (4) nearby thereby to dye the bank notes (4) at least partially.

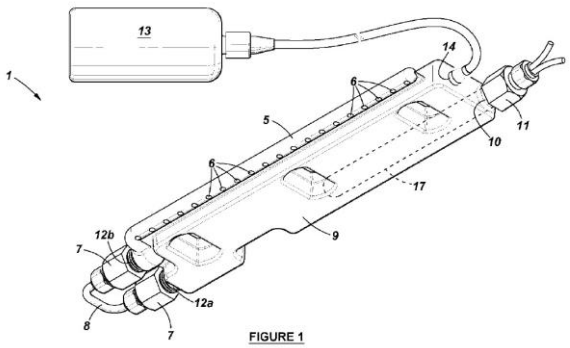
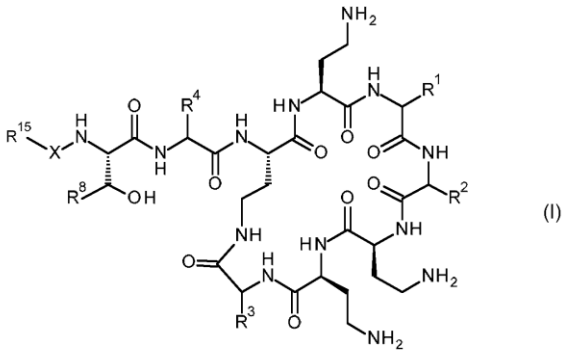
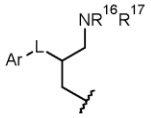


FIGURE 1

21: 2023/01937. 22: 2023/02/06. 43: 2023/08/01
51: A61K; C07K
71: SPERO THERAPEUTICS, INC.
72: BROWN, Pamela, DAWSON, Michael, SIMONOVIC, Mona, BOAKES, Steven, DUPERCHY, Esther, RIVERS, Dean, LESTER, Roy, COLEMAN, Scott
33: US 31: 62/689,602 32: 2018-06-25
54: COMPOUNDS
00: -
The invention provides a polymyxin compound of formula (I) and salts, solvates and protected forms thereof, pharmaceutical compositions comprising the compounds of formula (I), and the use of the compounds and compositions in methods of treatment, such as methods for the treatment of microbial infections. The compounds of formula (I) are represented thus: formula (I) wherein -R15 is a group: formula (II) and -R16 is hydrogen; -R17 is hydrogen; -L- is a covalent bond or methylene; and -Ar is optionally substituted aryl. The groups -X-, -R1, -R2, -R3, -R4, and -R8 are as defined herein.


(I)


(II)

21: 2023/02081. 22: 2023/02/20. 43: 2023/08/29
51: A41D
71: YDER SPORTS AB
72: YDERSTRÖM, Fredrik
33: EP 31: 20187008.6 32: 2020-07-21
33: SE 31: 2050916-2 32: 2020-07-21
54: ENVIRONMENTALLY FRIENDLY AND FUNCTIONAL MARTIAL ARTS GARMENT AND FABRICS
00: -
Disclosures herein relates to martial arts garment (1) of fabric comprising bamboo fibers. Further, martial art fabrics comprising bamboo fibers are provided. Still further, disclosures herein relates to processes for manufacturing martial art fabrics. No chemically processed environmentally harmful substances are added during the manufacturing process. Thereby, fabrics and garments without chemically processed environmentally harmful substances is provided. All embodiments disclosed herein of fabrics and garments as well as the manufacturing processes for producing them fulfils the requirements set by Ecolabel, Eucolabel and the Nordic Swan Ecolabelling.

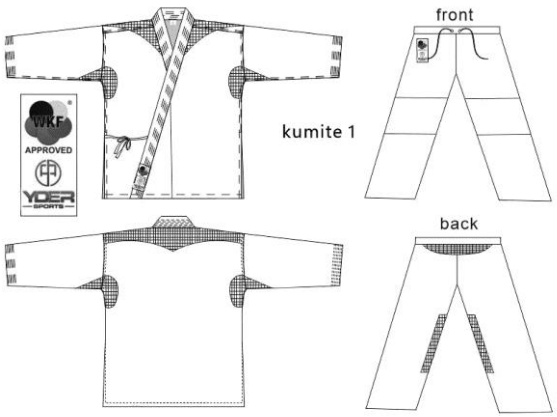


Fig. 2

21: 2023/02119. 22: 2023/02/21. 43: 2023/08/29
51: A01G
71: GNANADAVADU, Jerrod
72: GNANADAVADU, Jerrod
54: WEEP HOLE CATCHMENT
00: -
The invention relates to a catchment device, which includes an aesthetic container arranged to cover a weep hole, in use, and an inlet connected in flow communication with the aesthetic container, which inlet is shaped and dimensioned to fit onto or over the weep hole. Furthermore, an attachment means is provided for connecting the aesthetic container to a structure from which the weep hole emanates, in use. The aesthetic container is defined by a planter and includes an aesthetically pleasing operative forward facing surface, which will be visible once installed and advantageously, covering the unsightly weep hole, in use.

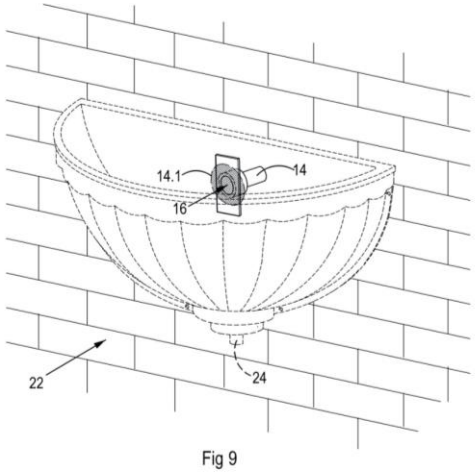
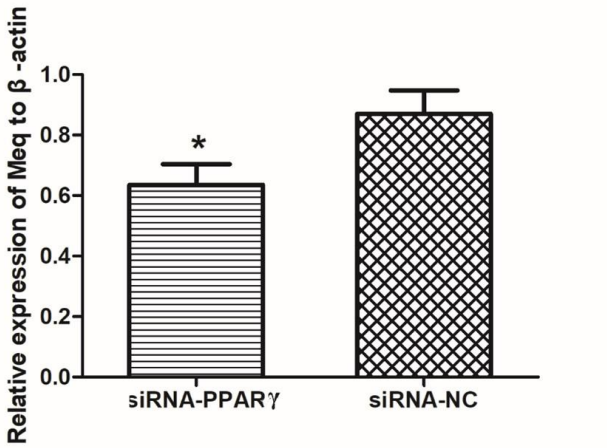


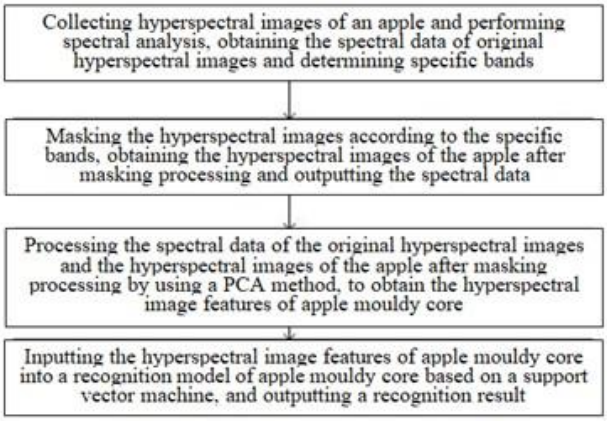
Fig 9

21: 2023/02134. 22: 2023/02/21. 43: 2023/08/29
51: A61K; C12N
71: ANHUI SCIENCE AND TECHNOLOGY UNIVERSITY
72: ZHAO, Chunfang, LIU, Xinyu, HAN, Yujiao, REN, Man, YE, Shengshan, LI, Shenghe, HU, Qianqian, YE, Pengfei
33: CN 31: 202310132667.6 32: 2023-02-08
54: SIRNA AND APPLICATION THEREOF
00: -
The present invention discloses an application of a PPARγ gene as an action target in screening an interference gene segment for preventing or treating Marek's disease, and further provides a siRNA for specifically interfering PPARγ gene expression. The sequence of the siRNA is complementary to a third exon region of the PPARγ gene, as shown in SEQ ID NO. 1-SEQ ID NO. 2. The present invention finds a specific action mechanism of the PPARγ gene, and develops an interference RNA sequence on the basis of the gene as the target, so that expression of the gene is specifically inhibited, and a theoretical basis is provided for prevention and treatment of Marek's disease of chickens.

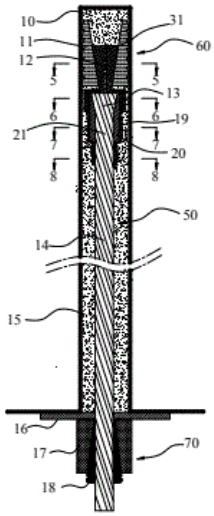


21: 2023/02136. 22: 2023/02/21. 43: 2023/08/29
51: B07C; G01N
71: XI'AN AERONAUTICAL INSTITUTE
72: TIAN, Jie, HU, Qiuxia, YANG, Wei
33: CN 31: 202310094878.5 32: 2023-02-09
54: RECOGNITION METHOD AND SYSTEM FOR APPLE MOULDY CORE BASED ON HYPERSPECTRAL IMAGING
00: -
The present invention discloses a recognition method and system for apple mouldy core based on hyperspectral imaging, comprising: collecting hyperspectral images of an apple and performing spectral analysis, obtaining the spectral data of original hyperspectral images and determining

specific bands with a large gap between a spectral image background and a fruit region; masking the hyperspectral images according to the specific bands, obtaining the hyperspectral images of the apple after masking processing and outputting the spectral data; processing the spectral data of the original hyperspectral images and the hyperspectral images of the apple after masking processing by using a PCA method, to obtain the hyperspectral image features of apple mouldy core; inputting the hyperspectral image features of apple mouldy core into a recognition model of apple mouldy core based on a support vector machine, and outputting a recognition result.



21: 2023/02146. 22: 2023/02/21. 43: 2023/08/29
51: E21D
71: ERCHU CO., LTD.OF CHINA RAILWAY TUNNEL GROUP, CHINA RAILWAY TUNNEL GROUP CO., LTD., CHENGDU UNIVERSITY OF TECHNOLOGY, SICHUAN NORMAL UNIVERSITY
72: QIN, Zhengyang, GUO, Xinxin, WEI, Xiaobo, YU, Jiawu, ZHANG, Zhaojun, TANG, Shaowu, WANG, Rui, LONG, Wenhua, WANG, Xuelei, LIANG, Zhen, ZHANG, Chengyong, ZHAO, Baofeng, LIN, Lin, ZHOU, Xitao, HU, Guangyi, GAO, Bo, CHEN, Jun, YIN, Xiaodong, YANG, Haijun, YANG, Tao, AN, Bin, FENG, Qianjin, WANG, Baiquan, CHEN, Wenchao, CHEN, Zhiyong, FENG, Haoyu, CHEN, Mingzhe
33: CN 31: 202111198440.9 32: 2021-10-14
54: SHELL EXPANSION YIELD STRESS ANCHOR CABLE AND CONSTRUCTION METHOD THEREOF
00: -
The present disclosure discloses a shell expansion yield stress anchor cable and construction method thereof. An upper end of the shell expansion anchoring part is fixedly installed with the variable-section yield stress anchor cable, and a lower end of the shell expansion anchoring part is fixedly installed with the anchor. The hollow metal tube is arranged in a middle of the anchor cable body, and an outer part of the hollow metal tube wraps the high-strength tapered tube; an outer side of the anchor cable body wraps the variable-section threaded sleeve through the adhesive. The present disclosure is mainly applied to the water-rich tunnel, especially the anchoring support of the high-stress and large-deformation water-rich underground engineering. The variable cross-section allows the compression anchor cable, the shell expansion anchoring part, the anchor and the backing plate to form an anchoring technology that integrates rapid anchoring, compression support and grouting protection.



21: 2023/02216. 22: 2023/02/22. 43: 2023/08/30
51: B03B
71: RECORD MINING SUPPORT (PTY) LTD
72: VAN NIEKERK, Abraham Jacobus
33: ZA 31: 2022/02189 32: 2022-02-22
54: JIGGING PROCESS
00: -
A fish float for use in a product material which is subjected to a jigging process, wherein the fish float includes a magnetic field generator, an elongate magnetic member which in use is vertically disposed in the product material and which is exposed to the magnetic field produced by the generator, the arrangement being such that the magnetic field exerts a force on the magnetic member which urges

the member vertically downwards into the product material, a controller to regulate the operation of the magnetic field generator thereby to vary the strength of the magnetic field, and a first monitoring arrangement to obtain a measure of the position of the magnetic member relative to the product material.

21: 2023/02291. 22: 2023/02/22. 43: 2023/08/29
51: A01M; B05B
71: THERMACELL REPELLENTS, INC.
72: SHAPIRO, Stephen, J., WANG, Wender
33: US 31: 63/056,947 32: 2020-07-27
54: CONDENSATE RECOVERY SYSTEM FOR VOLATIZED INSECT REPELLENT
00: -
An insect repelling device includes a base and a cap. The base supports a fluid reservoir containing a vaporizable insect repelling fluid. The cap has an exhaust port that permits a vapor of the insect repelling fluid to be emitted. The cap permits condensation of the insect repelling fluid vapors of the insect repelling fluid to flow toward the exhaust port.

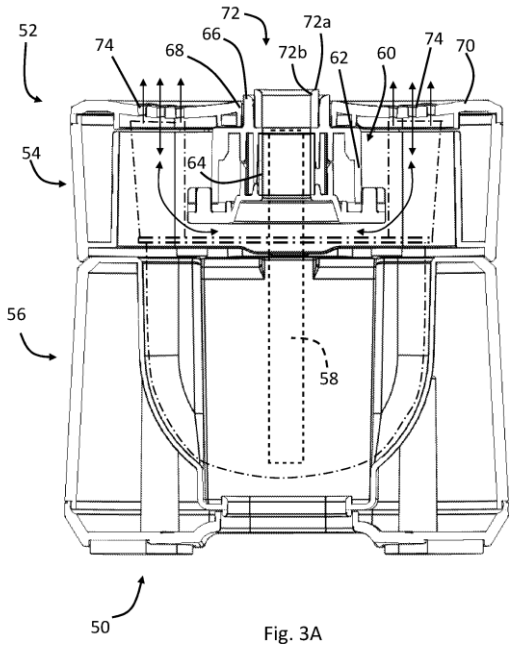
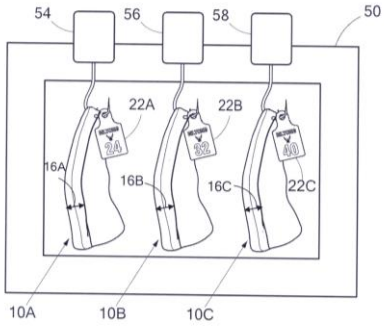


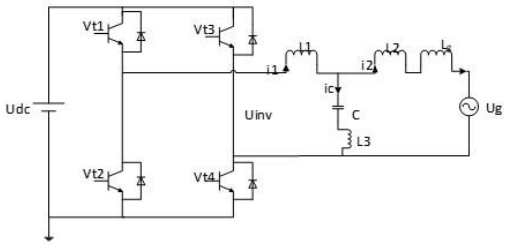
Fig. 3A

21: 2023/02449. 22: 2023/02/24. 43: 2023/08/30
51: B01J
71: Bengbu University
72: Wang Jing, Xu Donger, Ma Li, Zhang Hui
33: CN 31: 2023101301344 32: 2023-02-17
54: PREPARATION METHOD OF CATALYST FOR ACTIVATING PEROXYMONOSULFATE
00: -
The invention discloses a preparation method of carbon nanotube-supported manganese-cerium bimetallic oxide catalyst for activating peroxymonosulfate and the application thereof, belonging to the technical field of water treatment, comprising the following steps: (1) preparing the carbon nanotubes by the concentrated sulfuric acid and concentrated nitric acid solutions with a volume ratio of 3:1 to obtain oxidized carbon nanotubes whose surface is rich in oxygen-containing groups; (2) ultrasonically dispersing the oxidized carbon nanotubes in ultrapure water, adding a certain amount of cerium nitrate to form suspension A; dissolving potassium permanganate in ultrapure water to form solution B; slowing adding solution B dropwise into suspension A, and adjusting the pH to 6.0 with NaOH solution to obtain a precursor solution; (3) continuously stirring the precursor solution and reacting at 60 oC for 2 h, vacuum filtering, washing with water, and drying; placing the obtained material in a muffle furnace and calcining at 300 oC for 3 h to obtain the carbon nanotube-supported manganese-cerium bimetallic oxide Mn0.7Ce0.3Ox/CNT. The preparation method of the invention is simple and easy for large-scale mass production, and the method is applied to activate PMS to degrade organic pollutants in water, and the degradation efficiency is high.

21: 2023/02468. 22: 2023/02/24. 43: 2023/08/30
51: A22C; A23B
71: KNOETZE, Johan
72: KNOETZE, Johan
54: PRODUCTION OF A DRIED MEAT PRODUCT
00: -
A method of producing a dried meat product which includes the steps of preparing a sliced meat portion of substantially uniform thickness, recording the thickness, attaching an indicator which carries information of the recorded thickness to the sliced meat portion, and subjecting the sliced meat portion to a drying process.



21: 2023/02521. 22: 2023/02/24. 43: 2023/08/30
51: H02M
71: HUNAN UNIVERSITY OF TECHNOLOGY
72: LI, Shengqing, TANG, Xinyun, HE, Weihua, WANG, Xiangdong
33: CN 31: 202211604708.9 32: 2022-12-13
54: HARMONIC DAMPING CONTROL METHOD OF GRID-CONNECTED INVERTER
00: -
The present invention discloses a harmonic damping control method of a grid-connected inverter, which adopts a capacitive current method in an active damping method to realize an effect of suppressing harmonics on the basis of selecting an LLCL filter; a small resistor is added in an LC series circuit to further suppress harmonics, so that the influence of the control delay on the active damping method is reduced without increasing the system power loss; and by selecting the value of k, denominators of the active damping and passive damping transfer functions are ingeniously made consistent, so that the gain of damping characteristics in a high frequency band is lower, and the harmonic suppression capacity is better.

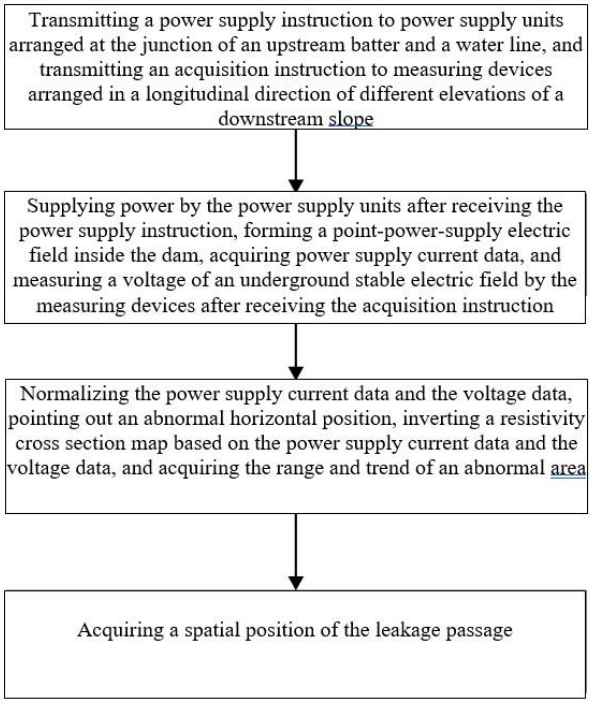


21: 2023/02523. 22: 2023/02/24. 43: 2023/08/30
51: C09D
71: QINGDAO AIR++ NEW MATERIALS CO., LTD.
72: SU, Kun, ZHANG, Jingxue, ZHANG, Tianhua, LIU, Liyuan, SONG, Dan
54: SELF-REPAIRING POLYUREA COATING FOR PHOTOVOLTAIC ROOFS AND PREPARATION METHOD THEREOF
00: -
The present invention provides a self-repairing polyurea coating for photovoltaic roofs and preparation method thereof. The self-repairing coating starts a repairing process to realize self-repairing of the roofs and avoid pre-failure of microcapsules due to microcapsule rupture in the production and construction process.

21: 2023/02531. 22: 2023/02/24. 43: 2023/08/30
51: C01B; C09K
71: NORTH CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY
72: WANG, Yilong, ZENG, Xiongfeng, ZHANG, Wenli, HUANG, Jiankun, MIAO, Zheng, MA, Weiping, ZHANG, Lin, YANG, Liandi
33: CN 31: 202211659688.5 32: 2022-12-23
54: EXPANDED GRAPHITE/CARBON NANOTUBE COMPOSITE MATERIAL, PREPARATION METHOD AND USE THEREOF
00: -
Provided are expanded graphite/carbon nanotube composite material, preparation method and use thereof. The preparation method includes the following steps: mixing expanded graphite, a transition metal-based catalyst and water together for impregnation loading to obtain expanded graphite loaded with catalyst; placing a carbon source on the surface of the expanded graphite loaded with catalyst, and performing a heat treatment for in-situ growth of carbon nanotubes to obtain the expanded graphite/carbon nanotube composite material. In the present invention, the transition metal-based catalyst is impregnated with the expanded graphite, and the carbon source is used to promote an in-situ generation in the expanded graphite under the catalytic action of the catalyst, and carbon nanotubes obtained are dispersed uniformly in large quantity. When being used in refractory materials (e.g., low-carbon magnesia carbon bricks), carbon nanotube composite material has a low modulus of elasticity, thereby avoiding flaking off.

21: 2023/02818. 22: 2023/02/27. 43: 2023/08/30
51: G01N; H04L
71: ZHEJIANG GUANGCHUAN ENGINEERING CONSULTING CO.,LTD., ZHEJIANG INSTITUTE

OF HYDRAULICS & ESTUARY（ZHEJIANG INSTITUTE OF MARINE PLANNING AND DESIGN）, ANHUI UNIVERSITY OF SCIENCE AND TECHNOLOGY
72: TAN, Lei, JIANG, Xiaoyi, HUANG, Haizhen, QIU, Jian, XU, Hu, JIANG, Shuhai, LIANG, Donghui, LIU, Fuda, YU, Jiongqi
33: CN 31: 202310160808.5 32: 2023-02-23
54: LAYERED ELECTRIC PENETRATION DETECTION METHOD AND SYSTEM FOR RESERVOIR DAM LEAKAGE
00: -
The present invention discloses a layered electric penetration detection method and system for reservoir dam leakage. The method includes: transmitting a power supply instruction to power supply units arranged at the junction of an upstream batter and a water line, and transmitting an acquisition instruction to measuring devices arranged in a longitudinal direction of different elevations of a downstream slope; supplying power by the power supply units after receiving the power supply instruction, forming a point-power-supply electric field, acquiring power supply current data, measuring a voltage of an underground stable electric field; and normalizing the power supply current data and voltage data, pointing out an abnormal horizontal position, inverting a resistivity cross section map, acquiring the range and trend of an abnormal area, constructing space distribution of a leakage passage inside the dam and the inverted resistivity cross section map, and identifying leakage hazards inside the dam.

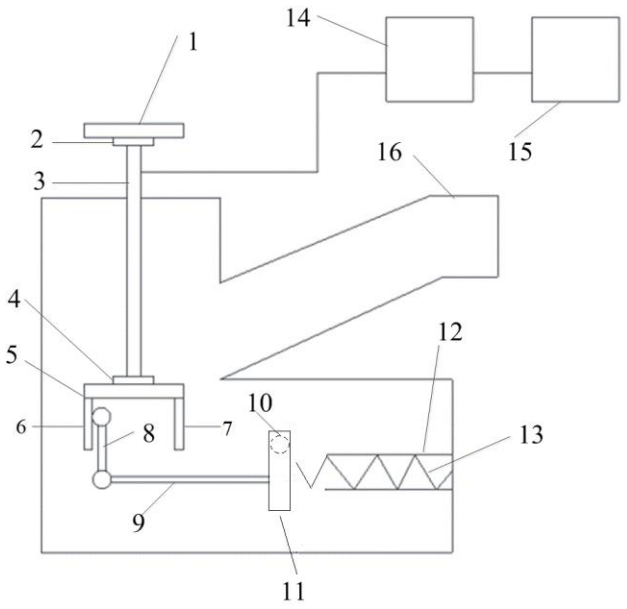


21: 2023/02871. 22: 2023/02/27. 43: 2023/08/30
51: C12N
71: Jinan University
72: YangYan, Huang Yadong, Cao Zhen
33: CN 31: 202210271380.7 32: 2022-03-18
54: METHOD FOR PREPARING, CULTURING, CRYOPRESERVING AND REVIVING TESTICULAR ORGANOIDS AND THE APPLICATION
00: -
The invention discloses cultured testicular organoids, a preparation method, a culture method, a cryopreserving and reviving method and the application. The testicular organoids prepared by the invention are highly consistent with the genetic background of the testicular tissue from which they are derived, and the cultivated testicular organoids can keep the specific function of the testis for a long time, and can also be cryopreserved and revived. The preparation and culture process is simple and convenient, with strong repeatability, short drug efficacy test time, and the culture cost is more economical than that of animal models. The established testicular organoids can realize high-throughput drug screening and have good application prospects.

21: 2023/02996. 22: 2023/02/28. 43: 2023/09/04

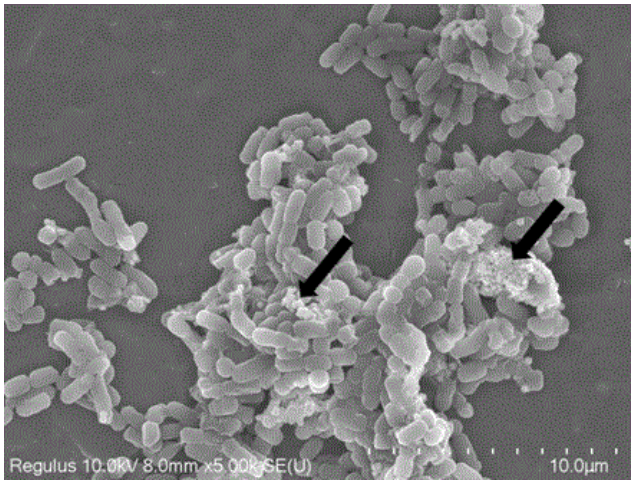
51: A61K
71: Jing Chen
72: Jing Chen
33: CN 31: 202210671423.0 32: 2022-06-14
54: A SKIN CARE PRODUCT OF PURE PLANT FOR PROMOTING KERATIN DIFFERENTIATION
00: -
A skin care product of pure plant for promoting keratin differentiation, comprises the following volumes of ingredients: 9ml of rose infusion oil, 9ml of blueberry seed oil, 2ml of wheat germ oil, 0.35ml of multiple rose oils. The invention adopts the skin care oil made of rose infusion oil and multiple rose essential oils, which is suitable for people with various skin types. It can improve skin texture, bringing a positive impact on wrinkle formation, pigmentation, skin regeneration and wound healing. The product of the invention adopts pure plants as raw materials, which is pure natural, pollution-free, and has high maintenance value. It is a skin care oil that truly nourishes the skin and promotes keratin differentiation.

21: 2023/03156. 22: 2023/02/28. 43: 2023/08/16
51: F16K
71: Hohai University, China International Engineering Consulting Corporation, Handan Water Resources Management Center, Hebei University of Engineering
72: Luan Qinghua, Dai Yu, Lv Shufeng, He Lixin, Ma Jing, Du Tao, Xu Huan, Gao Xiang, He Shuai
33: CN 31: 202123082205.3 32: 2021-12-09
54: COMPOUND FAUCET WITH MULTIPLE OPERATION MODES
00: -
The utility model relates to a compound faucet with multiple operation modes. The inside of the faucet body also includes a water outlet hole, an operating rod, a first conversion gear, a second conversion gear, a rotating shift disc, a first damping working surface, a second damping working surface, a screw structure, a spring assembly and a water baffle. The operating device is fixedly connected with the first end of the operating rod through the first conversion gear; the second end of the operating rod is connected with the second conversion gear, and the second conversion gear is connected with the rotating shift disc; the damping surface is vertically arranged at the bottom edge of the rotating shift disc; the damping working surface is connected with the first end of the screw structure along with the rotation of the rotating shift disc; the screw rod structure is used for converting rotational potential energy into horizontal kinetic energy to push the water baffle to move; the first end of the spring assembly is connected with the water baffle; the second end of the spring is in contact with the inner wall of the faucet body. The utility model can accurately control the discharge flow rate and avoid the waste of water resources.



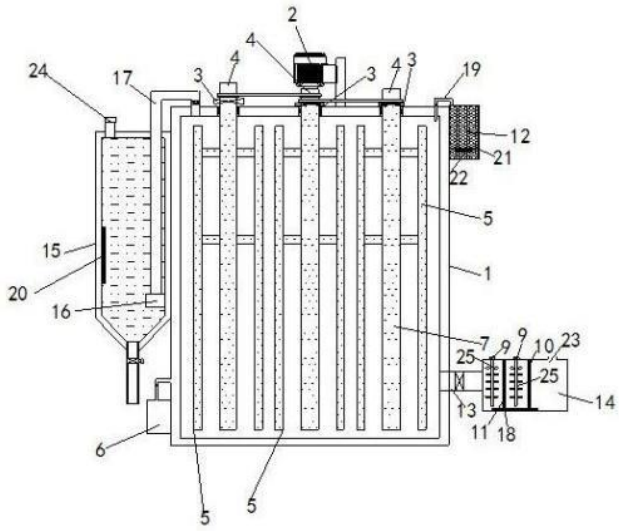
21: 2023/03183. 22: 2023/02/28. 43: 2023/09/04
51: G06Q
71: ANHUI SCIENCE AND TECHNOLOGY UNIVERSITY
72: HUANG, Shengwei
33: CN 31: 202211509934.9 32: 2022-11-29
54: METHOD FOR PREPARING BIO-NANO-SELENIUM BY UTILIZING BACILLUS.SP HZ3
00: -

The present disclosure discloses a method for preparing bio-nano-selenium by utilizing Bacillus.sp HZ3, and particularly relates to the technical field of microbial application. The Bacillus.sp HZ3 bred in the present disclosure can efficiently reduce sodium selenite to produce nano-selenium SeNPs. The preparation method includes the following steps: (1) culture of an efficient sodium selenite reducing microorganism; (2) addition of inducers; (3) addition of sodium selenite; (4) induction culture; and (5) separation and extraction of bio-nano-selenium. The method has the beneficial effects: in the present disclosure, the inducers conducive to enhancing exocytosis of the nano-selenium are added in the culture process according to the characteristic of reducing the sodium selenite with the Bacillus.sp HZ3, and the extracellular synthesis efficiency of the nano-selenium is improved to the maximum degree by a method in which low-temperature induction culture and normal-temperature culture are combined.

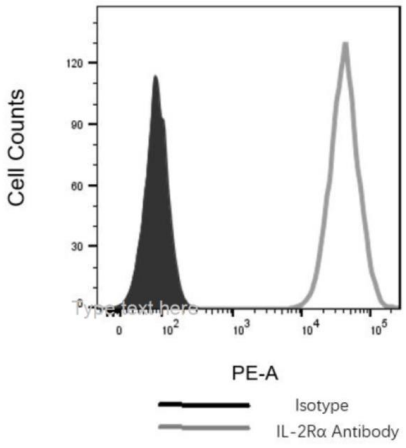


21: 2023/03184. 22: 2023/02/28. 43: 2023/09/04
51: C02F
71: SUZHOU XINNENG ENVIRONMENTAL TECHNOLOGY CO., LTD.
72: TANG, Yehong, LIU, Jingguang
33: CN 31: 202111164629.6 32: 2021-09-30
54: EQUIPMENT FOR TREATING WASTEWATER BASED ON WET CATALYTIC OXIDATION AND EVAPORATIVE CRYSTALLIZATION TECHNOLOGIES
00: -

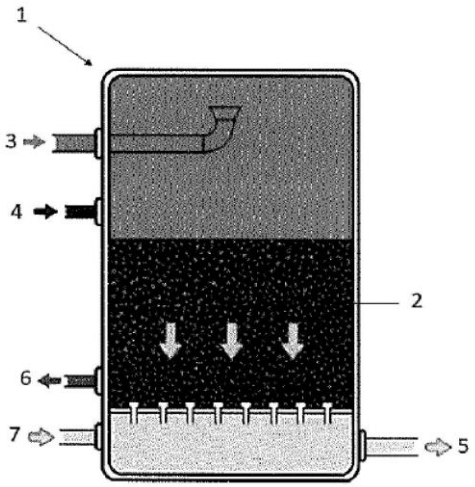
The present invention relates to equipment for treating wastewater based on wet catalytic oxidation and evaporative crystallization technologies, comprising: a feed port, a compressor, a water outlet pipe, an air outlet, an evaporative crystallization device, a filtration device, and a central control device which is arranged outside a reactor and is wirelessly connected with a preheating device, an electromagnetic valve, a first power device and a second power device, a first detection device and a second detection device; and the central control device obtains a ratio of weight difference of crystallized salt evaporated for a period of time and a previous period of time through the second detection device, and adjusts a heating temperature of the preheating device, the quantity of fed catalyst, a stirring speed of a first and second stirring device, so that the crystallized salt produced after a period of time is up to a preset standard.



21: 2023/04098. 22: 2023/04/03. 43: 2023/07/18
51: A61K
71: SHANDONG SIMCERE BIOPHARMACEUTICAL CO., LTD
72: HU, Yingying, CAO, Zhuoxiao, TANG, Renhong, GE, Hu, FU, Yayuan, REN, Jinsheng
33: CN 31: 202010918842.0 32: 2020-09-04
33: CN 31: 202110932286.7 32: 2021-08-13
54: IL-2 MUTANTS AND APPLICATION THEREOF
00: -
The present disclosure discloses IL-2 mutants and uses thereof. More specifically, the disclosure provides IL-2 mutants and corresponding fusion proteins, conjugates, nucleic acid fragments, vectors, host cells, methods for preparing the mutants or fusion proteins, IL-2 mutants or fusion proteins prepared according to the methods, 5 pharmaceutical compositions, pharmaceutical uses, methods for treating diseases, and methods for preferentially stimulating regulatory T cells. Compared to wild-type IL-2, the IL-2 mutants of the present disclosure have higher Tm values and improved stability; alternatively, the IL-2 mutants of the present disclosure have an increased yield or changed binding activity to the IL-2R complexes 10 compared to wild-type IL-2.



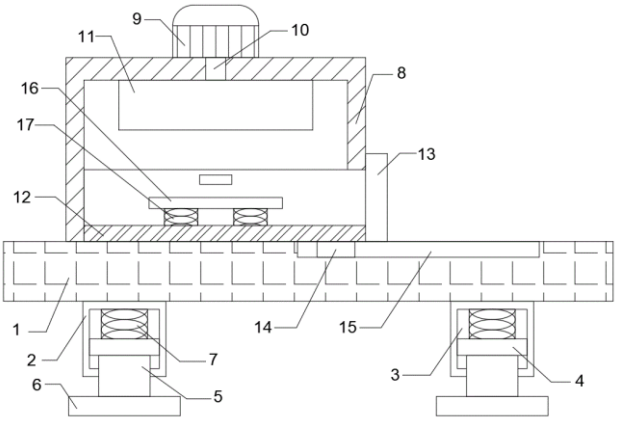
21: 2023/04147. 22: 2023/04/04. 43: 2023/07/19
51: C02F
71: Suez International
72: DELAIRE, Mélanie, TRICOTTET, Ludovic
33: FR 31: 2009442 32: 2020-09-17
54: FLUID TREATMENT METHOD AND PLANT
00: -
The invention relates to a method for treating fluid, notably liquid, in particular water, containing pollutants, by passing a downward flow of fluid through a bed of activated carbon in the form of grains in a treatment station, said method comprising a partial renewal of activated carbon including at least one injection of activated carbon and at least one extraction of activated carbon. The invention also relates to a plant suitable for the implementation of the fluid treatment method of the invention.



21: 2023/04362. 22: 2023/03/20. 43: 2023/08/15

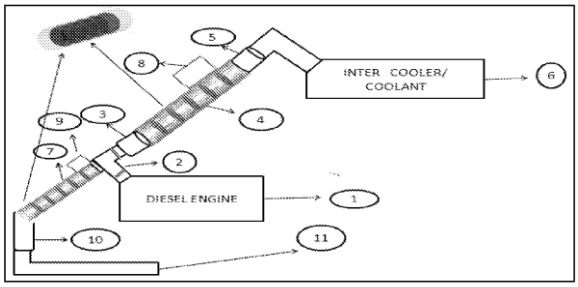
51: E21D
71: RADEMEYER, Clinton Jan
72: CLARK, Raymond Jurgens
33: ZA 31: 2022/03275 32: 2023-03-22
54: SURFACE CONTAINMENT METHOD AND APPARATUS
00: -
A surface containment method and apparatus are disclosed for covering a surface in an environment where stability or load carrying capability of said surface is required to be maintained with rock anchors and a surface covering mesh. The apparatus includes a surface containment kit comprising a tether having an elongate body to be interlaced with a mesh while partially overlying itself between said first and second ends; and at least one yielding device, disposed between first and second ends of the tether in the vicinity where said tether partially overlies itself, adapted to resist slip of overlying parts of the elongate body relative to each other and relative to said yielding device or allow slip if loading on the mesh with tether is larger than an environment anticipated dynamic and/or static loading (x).

21: 2023/04452. 22: 2023/04/17. 43: 2023/08/28
51: A01H
71: Crop Research Institute,Shandong Academy of Agricultural Sciences, Shandong Luyan Agricultural Co.,Ltd.
72: Cui Zhengyong, Li Peng, Yan Baiqiang, Li Xinhua, Sun Xin, Song Huadong, Sun Mingzhu, Yang Zaidong, Liu Ying
54: BREEDING METHOD FOR CREATING WHEAT DWARF LODGING-RESISTANT MATERIAL
00: -
The invention belongs to the technical field of crop breeding, and mainly relates to a breeding method for creating wheat dwarf lodging-resistant materials. High stalk wheat germplasm with excellent characters and breeding value is selected, dwarf mutants with shortened basal internodes in the second and third generations are selected by using mutation treatment to identify the genetic stability of the mutation, and to measure the length of each internode and the flexural capacity of basal internodes of dwarf mutant materials, and the plant height composition index and internode composition index are calculated. The dwarf lodging-resistant materials are identified in different places, and the materials with good agronomic characters, high yield and strong lodging-resistant ability are screened out. The method provided by the invention overcomes the defects of the conventional cross-breeding stalk-shortening method, and it is not nacessary to completely recombine the genome of the original high stalk material, which is beneficial to the inheritance of excellent characters of the material; the method is simple and easy to operate, clear in target and high in selection efficiency.



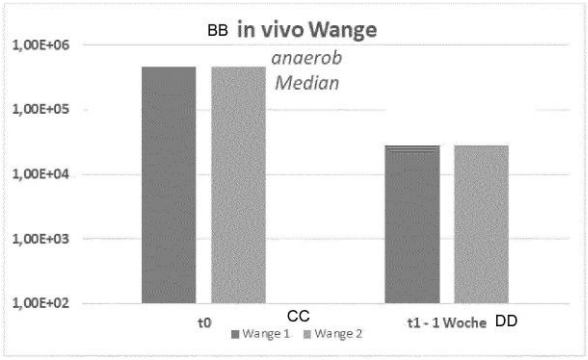
21: 2023/04455. 22: 2023/04/17. 43: 2023/08/25
51: F01N; F02M
71: VIDYARTHI, Mukesh Kumar
72: VIDYARTHI, Mukesh Kumar
33: IN 31: 202111006556 32: 2021-02-17
54: AN ARRANGEMENT FOR CHARGING POLARIZED ATMOSPHERIC AIR AND POLARIZED EXHAUST GAS SIMULTANEOUSLY IN INTERNAL COMBUSTION DIESEL ENGINE AND THE METHOD THEREOF
00: -
Disclosed is an arrangement for charging polarized atmospheric air (4) and polarized exhaust gas (7) simultaneously in internal combustion diesel engine (I) comprising of at least two polarizing cum filter mesh arrangement consisting of an inlet end and an outlet end; a cylindrical pipe; a plurality of pairof meshed discs as electrodes, insulating glasses; nylon rubber; a hose pipe (3,5) and a circuitry for providing DC power to the mesh disc electrodes; wherein said one polarizing cum filter mesh arrangement is (4) connected at outlet of intercooler (6) and inlet of the internal combustion engine for charging polarized atmospheric air to said engine and another said polarizing cum filter mesh arrangement is connected between the exhaust end

of the internal combustion diesel engine and outlet of the inter cooler for charging polarized exhaust gases again back to the said internal combustion diesel engine through said intercooler.



21: 2023/04924. 22: 2023/05/03. 43: 2023/07/19
51: A61K; A61P
71: Beiersdorf AG
72: TRAUPE, Bernd, BIERGIESSER, Helga, FIRYN, Andreas, GÖDDERTZ, Dominik, TREDE, Lucia Zanforlin, AVILA, Luis Arturo Carbajal, KÖRBL, Birthe, FÖLSTER, Heike, HAMANN, Tina, SCHÖNDIENST, Petra, RICHTER, Daniel
33: DE 31: 10 2019 217 898.7 32: 2019-11-20
54: COSMETIC PREPARATION CONTAINING ANISIC ACID AND LEVULINIC ACID, HAVING SELECTIVE ANTIMICROBIAL EFFECT
00: -
The invention relates to cosmetic and dermatological preparations that comprise a combination of levulinic acid and anisic acid. The preparations according to the invention are particularly suitable for use on skin. The preparations have a selective antibacterial effect on skin by specifically controlling anaerobic bacteria of the skin flora while having little or no bactericidal effect on aerobic bacteria. The compositions according to the invention are therefore suitable for cosmetic skin care and for the dermatological treatment of certain skin disorders, such as acne.

Abbildung 1 AA

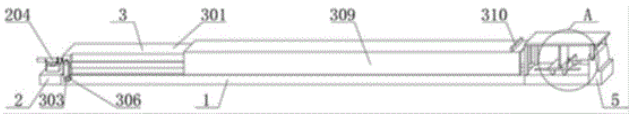


AA Fig. 1
BB in vivo cheek
anaerobic median
CC Cheek 1 Cheek 2
DD t1 - 1 week

21: 2023/05677. 22: 2023/05/26. 43: 2023/09/07
51: A01K
71: Shandong Chongyan Biotechnology Co., Ltd.
72: WANG, Cheng
33: CN 31: 2022108933228 32: 2022-07-27
54: DEODORIZING AND BACTERIA-INHIBITING BIOLOGICAL CAT LITTER AND PREPARATION METHOD THEREFOR
00: -
Disclosed are deodorizing and bacteria-inhibiting biological cat litter and a preparation method therefor. The deodorizing and bacteria-inhibiting biological cat litter includes: 40-60 parts of bean dregs, 20-30 parts of corn flour, 15-25 parts of dandelion extract, 1-3 parts of enzyme preparation, 0.5-1.5 parts of probiotic powder and 1-3 parts of guar gum. The dandelion extract is obtained by mixing first extract and second extract according to a mass ratio of 1:4; crushing a dried whole dandelion plant, using distilled water as solvent for water extraction, performing filtration to obtain residues and filtrate, and concentrating and drying the filtrate to obtain the first extract; and drying the residues to obtain the second extract.

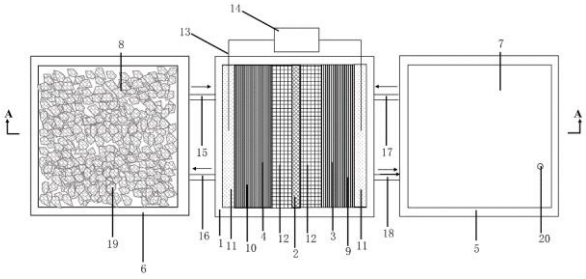
21: 2023/05901. 22: 2023/06/02. 43: 2023/08/25
51: B61K
71: HEBEI GEO UNIVERSITY
72: ZHENG, Yibo, WANG, Yuan, LIU, Yongwei, ZHANG, Lei, ZHU, Yuehong, WEN, Jihua, WANG, Guangxiang
33: CN 31: 202110785147.6 32: 2021-07-12
54: TRACK MONITORING SYSTEM BASED ON OPTICAL SENSING

00: -
The present application relates to a technical field of track monitoring based on optical sensing, specifically to a track monitoring system based on optical sensing, comprising a track body, a left end of the track body is provided with a laser transmission structure, and the laser transmission structure comprises a first fixing plate, a top end of the first fixing plate is fixedly connected to a positioning block, a left end of the positioning block is connected to a connecting rod, a top end of the connecting rod is fixedly connected to an optical sensor. In the present application, when the optical sensor needs to be installed, with the first fixing plate, the positioning block, the inserting plate and the positioning rod, the inserting plate under the optical sensor is inserted into the positioning block. The spring on the outside of the positioning rod pushes the positioning rod into the inserting plate to complete the positioning of the inserting plate and the optical sensor. When the optical sensor needs to be disassembled, the positioning rod is directly pulled out to the outside to release the positioning of the inserting plate, and the optical sensor is pulled out of the positioning block, which is very convenient for installation or disassembly.

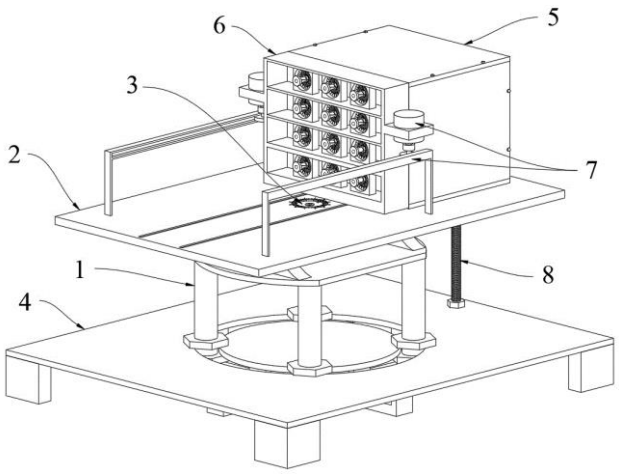


21: 2023/05928. 22: 2023/06/05. 43: 2023/08/25
51: A23L
71: Shandong Jianyuan Biotechnology Co., Ltd.
72: WANG, Cheng, LI, Zhicai, WANG, Ning, WANG, Feng, YI, Hui, ZHAO, Cui, WANG, Ling, ZHAO, Fuping, GONG, Qian, XING, Zhu, ZONG, Qian, DONG, Guihong, HE, Rongyan, LI, Yan, LIU, Yu, DONG, Xiaotong
33: CN 31: 202210631821X 32: 2022-06-07
54: BIOLOGICAL PREPARATION FOR REMOVING MYCOTOXINS FROM FEED, AND PREPARATION METHOD AND APPLICATION THEREOF
00: -
Disclosed are a biological preparation for removing mycotoxins from feed, and a preparation method and application thereof. The biological preparation is composed of the following raw materials in parts by weight: 2-4 parts of compound microbial fermentation product, 4-6 parts of yeast cell wall extract and 4-6 parts of Eucommia ulmoides leaf extract. The compound microbial fermentation product is made by mixed fermentation of Streptococcus thermophilus, Pediococcus pentosaceus and Lactobacillus buchneri, which can obtain a large number of live bacteria in a short time and lay a foundation for biodegradation of mycotoxins; the yeast cell wall extract adsorbs the mycotoxins in feed by means of physical channels, and the Eucommia ulmoides leaf extract couples the biodegradation and physical degradation of the mycotoxins.

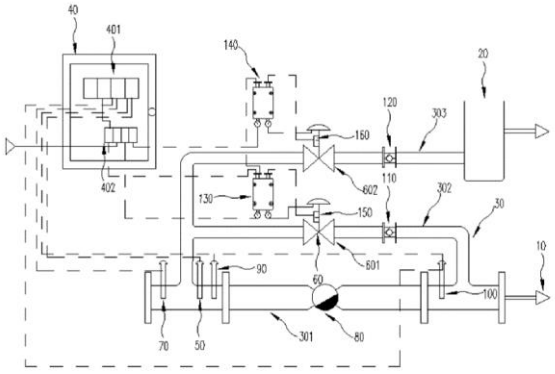
21: 2023/06126. 22: 2023/06/09. 43: 2023/08/25
51: C22B
71: Central South University
72: Hongbo Zhao, Luyuan Zhang, Li Shen, Hongshuai Hou, Guohua Gu, Guanzhou Qiu
33: CN 31: 202210664719.X 32: 2022-06-13
54: GALVANIC CELL-BASED BIOHYDROMETALLURGICAL PROCESS
00: -
The present invention provides a galvanic cell-based biohydrometallurgical process. It sets a circulant connection between a leaching agent and the negative cell tank of the galvanic cell, as well as between a microbial solution and the positive tank of the galvanic cell. After the raw material is immersed in the leaching agent, part of their chemical energy can be converted into electrical energy under the influence of the potential difference between the leaching agent and the bacterial solution. The bacterial solution and the leaching agent are separated by the galvanic cell tanks, so that the to-be-leached raw materials and their toxic ions can't directly contact the microorganisms, nor do the microorganisms enter the natural environment with the leaching waste. The present invention enhances the dissolution rate by using a leaching agent of high concentration acid and oxidizing agent, maintains the solution at a high potential with a bacterial solution that can regenerate the oxidizing agent, as well as isolates the microorganisms from the environment with the galvanic cell tanks. Meanwhile, it regenerates the oxidizing agent in the leaching agent. Therefore, it can preclude microbial leakage and enhance the material leaching efficiency.



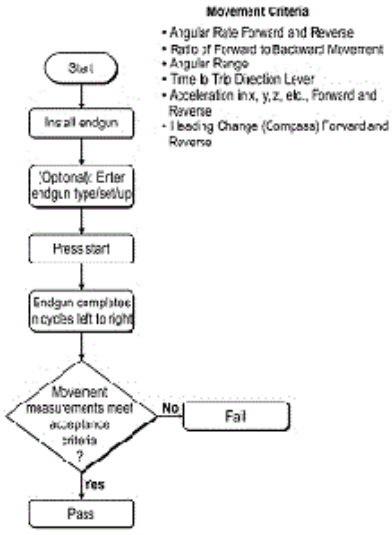
21: 2023/06202. 22: 2023/06/13. 43: 2023/08/25
51: G01N
71: Hainan University
72: Jie CUI, Chao LI, Youliang ZHANG, Quan JIANG, Kaijian CAI, Liyuan MA
33: CN 31: 202210691605.4 32: 2022-06-17
54: PREPARATION APPARATUS FOR ROCK-LIKE SAMPLES WITH STRATIFIED STRUCTURES CONTAINING CRACKS
00: -
The present invention relates to a preparation apparatus for rock-like samples with stratified structures containing cracks, wherein the preparation apparatus comprises a rotating frame, a working platform and a sample preparation box; the working platform is installed on the rotating frame through a connecting member; the connecting member comprises a first rotating shaft support frame, a first rotating shaft, a shaft sleeve and a second rotating shaft; the working platform is capable of being rotationally installed in one end of the second shaft, the other end of the second shaft is fixed on the shaft sleeve, the shaft sleeve is sleeved on the first rotating shaft, the first rotating shaft support frame is fixed on the rotating frame, the first rotating shaft is installed in an axial horizontal way in the first rotating shaft support frame; the rotating frame is used to drive the first rotating shaft to rotate by the first angle horizontally; and the first rotating shaft is used to provide the rotating frame with a degree of freedom to rotate by a second angle about the first rotating shaft, thus providing a three-dimensional space condition for the sample preparation box on the working platform. The preparation apparatus for rock-like samples with stratified structures containing cracks in the present invention can be used to prepare the rock samples with stratified structures containing cracks under the three-dimensional space condition.



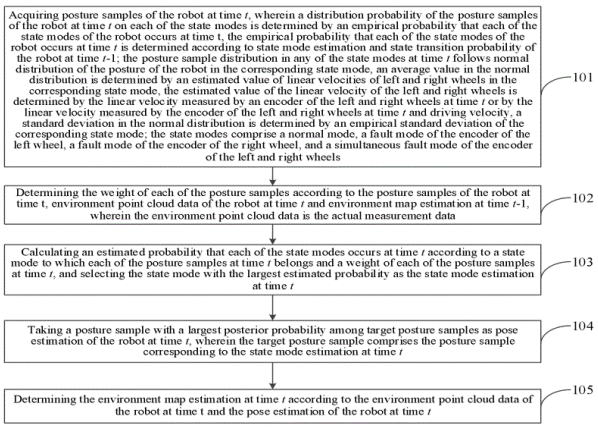
21: 2023/06340. 22: 2023/06/19. 43: 2023/09/07
51: F16K
71: HEBEI BAISHA TOBACCO CO., LTD. BAODING
72: JIN, Lijie, ZHANG, Jiangtao, XU, Xu, WANG, Zhaohui, LIU, Xia, LI, Hong, CHAI, Hongli
33: CN 31: 202110390811.7 32: 2021-04-12
54: DEVICE AND METHOD FOR AUTOMATIC FORCED DISCHARGE OF CONDENSATE WATER BASED ON SELF-DIAGNOSIS TECHNIQUE
00: -
A device and method for automatic forced discharge of condensate water based on a self-diagnosis technique. The device comprises: a closed-type condensate water recovery system (10) and a normal-pressure recovery tank (20) connected to each other by means of a pipe system (30); a steam trap (80), a pressure transmitter (70), a control module (40) and a temperature sensor (50); a first membrane valve (601) and a second membrane valve (602), with the opening degree of a membrane valve structure (60) being controlled by a current signal output by the control module (40); and a first pressure sensor (90) and a second pressure sensor (100), which are used to measure pressure on two sides of the steam trap (80) and respectively output first pressure information and second pressure information.



21: 2023/06605. 22: 2023/06/27. 43: 2023/07/19
51: A01G
71: HEARTLAND AG TECH, INC.
72: SANDERS, RUSSELL, PAVELSKI, JEREMIE, BUCHBURGER, ROBERT
33: US 31: 63/129,799 32: 2020-12-23
54: CONDITION BASED MONITORING OF IRRIGATION
00: -
A monitoring system for an irrigation system is presented. The irrigation system includes a pivot and a movable end gun operatively associated with the pivot. The monitoring system includes a sensor configured to generate an electrical signal indicative of movement and/or positioning of the movable end gun relative to the pivot over time, a processor, and a memory. The memory includes instructions stored thereon, which when executed by the processor cause the system to: receive the generated electrical signal, determine whether the movable end gun, or one or more components thereof, requires maintenance based on the electrical signal, and determine when the moveable end gun is in an on and/or off trigger state based on the electrical signal.



21: 2023/07096. 22: 2023/07/14. 43: 2023/08/21
51: B25J; G01C
71: UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA, ZHONGSHAN INSTITUTE
72: DUAN, ZhuoHua
54: METHOD AND SYSTEM FOR SIMULTANEOUSLY PERFORMING FDD AND SLAM UNDER MOBILE ROBOT FAULT
00: -
The present disclosure discloses a method and a system for simultaneous Fault Detection and Diagnosis and Simultaneous Localization and Mapping (SLAM) during fault of a mobile robot. The method comprises: acquiring posture samples of the robot at time t (S101); determining the weight of each of the posture samples(S102); calculating an estimated probability that each of the state modes occurs at time t, and selecting the state mode with the largest estimated probability as the state mode estimation at time t (S103); taking a posture sample with a maximum posterior probability among target posture samples as pose estimation of the robot at time t, wherein the target posture sample comprises the posture sample corresponding to the state mode estimation at time t (S104); and determining the environment map estimation at time t according to the environment point cloud data and the pose estimation of the robot at time t (S105).

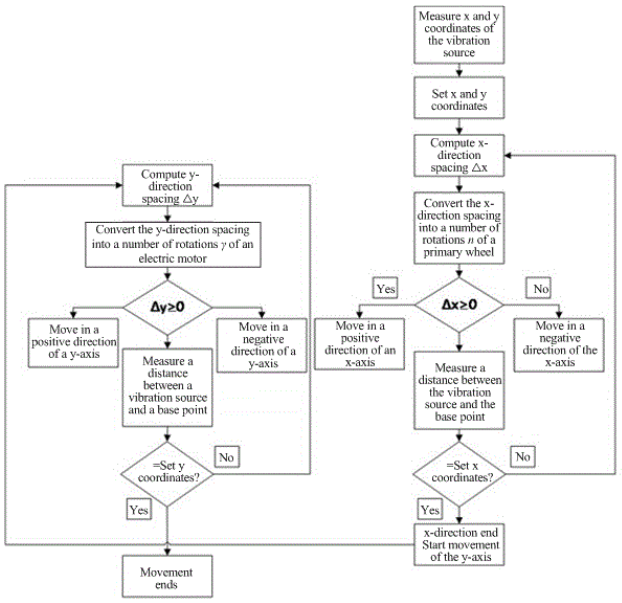


21: 2023/07632. 22: 2023/08/02. 43: 2023/09/05
51: G01M
71: China Construction Industrial & Energy Engineering Group Co., Ltd.
72: Qingjiang XU, Huabin ZHONG, Baogui ZHOU, Zhihong SONG, Yunhua ZHANG, Rongrong BAI, Xuanyi CHEN, Xiangchao WANG, Xiaocheng FEI, Qing HUANG
33: CN 31: 202210921827.0 32: 2022-08-02

54: EXPERIMENTAL TABLE FOR VIBRATION OF FLOATING FLOOR BASED ON DISTRIBUTED FIBER OPTIC SENSING, AND TESTING METHOD

00: -

The present disclosure provides an experimental table for vibration of a floating floor based on distributed fiber optic sensing, and a testing method. A steel structure support and a steel structure platform are used as a foundation to place a vibration isolator. A floor slab is arranged above the vibration isolator. A cross-shaped sliding groove is provided in the floor slab. An electric traveling apparatus is arranged in the cross-shaped sliding groove. An electric moving apparatus is arranged in the electric traveling apparatus. Under control of a controller, a position of a vibration source can be remotely controlled and adjusted conveniently and quickly during an actual test. A fiber grating sensor is further arranged on an upper surface of the floor slab in a snake-like manner to detect vibration. Measurement data is sequentially transmitted to a remote monitoring platform by means of a demodulation device and a server for real-time monitoring and test result analysis. The present disclosure proposes an experimental solution for a response relation between vibration of the floating floor and multiple influence factors, and an optimization solution for vibration reduction of the floating floor is formed to provide a scientific data support for in-depth design and construction optimization of the floating floor of a middle mechanical floor of a super high-rise building.



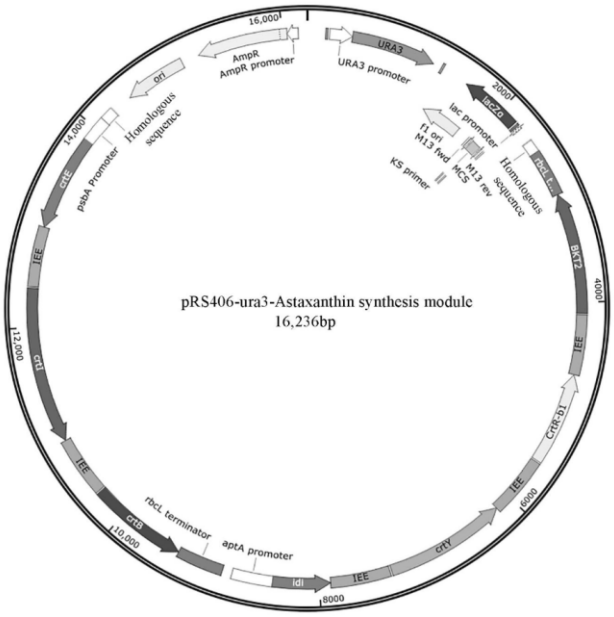
21: 2023/08004. 22: 2023/08/17. 43: 2023/09/04
51: C12N; C12P
71: SHENZHEN UNIVERSITY
72: HU, Zhangli, MEI, Rui, WANG, Chaogang, ZHANG, Guiying, GUO, Chunli
33: CN 31: 202210918037.7 32: 2022-08-01

54: CONSTRUCTION METHOD OF ASTAXANTHIN SYNTHESIS PATHWAY IN CHLAMYDOMONAS REINHARDTII AND USE THEREOF

00: -

Provided are a construction method of an astaxanthin synthesis pathway in Chlamydomonas reinhardtii and a use thereof. The construction method includes design, assembly and function verification in Chlamydomonas reinhardtii of an astaxanthin synthesis module. According to the present invention, 7 astaxanthin synthesis related genes are selected, and an astaxanthin expression module cassette is designed, and divided into 4 segments for artificial synthesis; afterwards, the 4 segments and a yeast-Escherichia coli shuttle plasmid backbone are co-transformed into a yeast to obtain a yeast containing the astaxanthin synthesis module; then the yeast containing the astaxanthin synthesis module is hybridized with a yeast containing a chloroplast genome, the astaxanthin

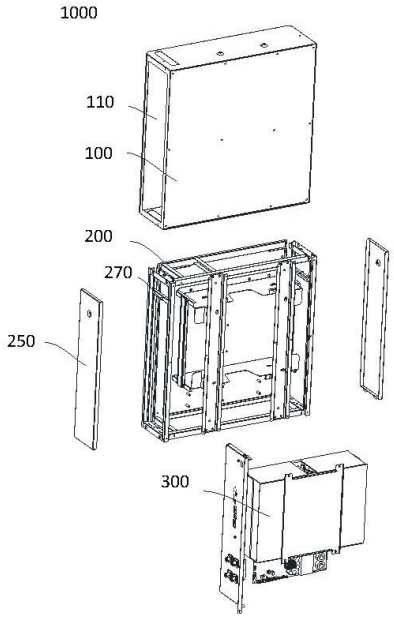
synthesis module is inserted into a Chlamydomonas reinhardtii chloroplast genome, a recombinant plasmid is then introduced into a Chlamydomonas reinhardtii chloroplast, and finally a positive Chlamydomonas reinhardtii transformant containing the astaxanthin synthesis module, i.e., an astaxanthin synthesis engineering algae strain, is obtained. Finally, rapid and low-cost production of astaxanthin can be achieved through large-scale culture of transgenic astaxanthin synthesis engineering algae strains.



21: 2023/08005. 22: 2023/08/17. 43: 2023/09/04
51: C12N
71: SHENZHEN UNIVERSITY
72: HU, Zhangli, ZHANG, Guiying, JIA, Bin, WANG, Chaogang, JIANG, Yanan
33: CN 31: 202210916641.6 32: 2022-08-01
54: METHOD FOR DESIGN, SYNTHESIS AND ASSEMBLY OF SIMPLIFIED CHLOROPLAST GENOME OF CHLAMYDOMONAS REINHARDTII AND USE THEREOF
00: -
Provided are a method for design, synthesis and assembly of a simplified chloroplast genome of Chlamydomonas reinhardtii and a use thereof. The method includes design, total chemical synthesis, assembly, function verification and use of a simplified chloroplast genome of Chlamydomonas reinhardtii. According to the present invention, based on a natural organelle chloroplast genome of Chlamydomonas reinhardtii, a chloroplast genome of Chlamydomonas reinhardtii is redesigned and artificially constructed, the genome is comprehensively transformed by deleting redundant genetic information, changing and adding new genetic elements or metabolic pathways, etc., and design defects and sequence defects of the chloroplast genome of Chlamydomonas reinhardtii are repaired to achieve accurate matching between chemical synthesis and sequence design, and the design principles of the chloroplast genome of Chlamydomonas reinhardtii are verified and evaluated, and on such basis, customized construction of chloroplasts is achieved, providing a new chassis cell and optimized platform carrier for research and production in medicine, energy, environment, agriculture, and other aspects.

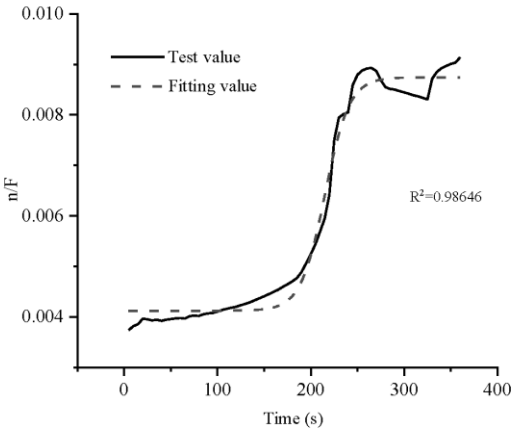
21: 2023/08061. 22: 2023/08/21. 43: 2023/09/04
51: H01M; H05K; H02S
71: SRNE SOLAR CO., LTD
72: CHEN, Yong, LI, Ke
33: CN 31: 202222242808.3 32: 2022-08-24
33: CN 31: 202222242849.2 32: 2022-08-24
33: CN 31: 202223096821.9 32: 2022-11-21
33: CN 31: 202223096847.3 32: 2022-11-21
54: PHOTOVOLTAIC ENERGY STORAGE BOX
00: -
The utility model patent relates to the technical field of photovoltaic energy storage, in particular to a photovoltaic energy storage box. The photovoltaic energy storage box includes a box body, a support frame, and a battery assembly. The support frame

includes a side support frame, and a top support plate and a bottom support plate respectively connected to the top and bottom sides of the side support frame. The side support frame, the top support plate and the bottom support plate jointly support the box body. The battery assembly includes a battery and a fixing frame, and the battery is mounted in the accommodation space enclosed by the fixing frame. Specifically, the side of the fixing frame close to the top support plate is connected to the top support plate through a first connection structure, and the side of the fixing frame close to the bottom support plate is connected to the bottom support plate through a second connection structure, so that the battery assembly can be mounted in a limited position on the top and bottom sides to achieve a good fixing effect and improve structural stability.



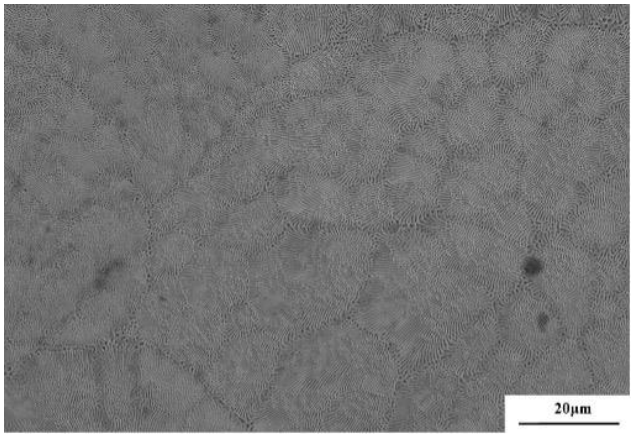
21: 2023/08111. 22: 2023/08/22. 43: 2023/09/04
51: G06F
71: UNIVERSITY OF SCIENCE AND TECHNOLOGY BEIJING, CHIFENG SHANJIN HONGLING NONFERROUS MINING CO., LTD.
72: WANG, Jie, WANG, Guannan, YU, Qingjun, SHI, Tianyi, FU, Jianxin
33: CN 31: 202211688713.2 32: 2022-12-28
54: A METHOD FOR ESTABLISHING A ROCK CONSTITUTIVE MODEL CONSIDERING CRACK EXPANSION
00: -

Disclosed is a method for establishing a rock constitutive model considering crack propagation in the present invention, relating to the field of rock mechanics technologies. In the method, a complete stress strain curve of a rock is drawn according to triaxial compression experiment data, a rock fracture initiation point is determined by a crack volume strain method, and a rock fracture stress F裂 is obtained based on the rock fracture initiation point and a stress value thereof. Elastic modulus Ec of a complete tiny body of the rock is calculated by extracting a complete elastic stage of the stress strain curve. Finally, according to whether a stress reaches the rock fracture stress, the rock constitutive model considering the crack propagation is constructed in two stages. This method considers a main factor in a process of real rock fracture — crack propagation effect. Establishing a connection between the crack propagation and time, as well as rock stress, can play a good optimization and supplement role for an existing constitutive model.



21: 2023/08183. 22: 2023/08/24. 43: 2023/09/04
51: C22C
71: CHINA UNIVERSITY OF MINING AND TECHNOLOGY, JIANGSU AIR WATER ENVIRONMENTAL PROTECTION SCIENCE AND TECHNOLOGY CO., LTD.
72: CHEN, Zheng, KONG, Weiwei, SHAN, Caixia, FAN, Yu, ZHANG, Ping, XU, Jie, SHEN, Chengjin
33: CN 31: 202110605875.4 32: 2021-06-01
54: NI-CO-FE-B EUTECTIC HIGH-ENTROPY ALLOY, AND PREPARATION METHOD THEREFOR AND USE THEREOF
00: -

The present disclosure provides a Ni-Co-Fe-B system-based eutectic high-entropy alloy (EHEA) and a preparation method thereof. The Ni-Co-Fe-B system-based eutectic high-entropy alloy has a composition of NiaCobFecBdMe, where M is a trace element; a, b, c, d, and e each are a molar percentage of a respective element; and a > 15%, b > 15%, 5% ≤ c ≤ 10%, 10% ≤ d ≤ 25%, e ≥ 0%, and a + b + c + d + e = 100. The Ni-Co-Fe-B system-based eutectic high-entropy alloy of the present disclosure is prepared by a suspension melting method. The Ni-Co-Fe-B system-based eutectic high-entropy alloy has a eutectic lamellar structure, where the non-metallic principal element plays an important role in the eutectic system, with a small interlamellar spacing. Therefore, the Ni-Co-Fe-B system-based eutectic high-entropy alloy has enhanced strength-plasticity synergy, excellent mechanical performance, strong fluidity, and excellent casting performance, and exhibits promising application prospects in fields such as aerospace and machinery industry.

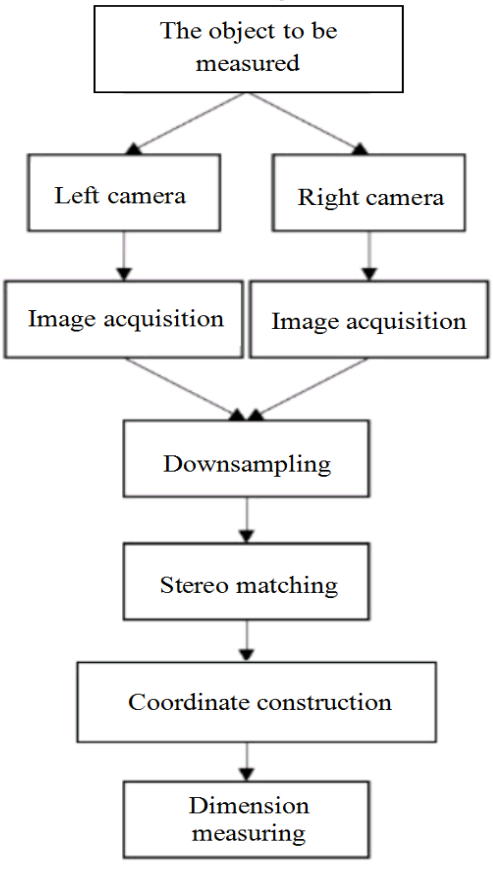


21: 2023/08186. 22: 2023/08/24. 43: 2023/09/05
51: G06T
71: North China University of Science and Technology
72: Suo Yina, Ning Xuebin, Yu Fuxing, Wang Ran
33: CN 31: 202310464266.0 32: 2023-04-27

54: STEREOPHOTOGRAMMETRIC METHOD BASED ON BINOCULAR VISION

00: -

The present invention discloses a stereophotogrammetric method based on binocular vision. The method includes the following steps: an image acquisition, an image correction and a stereo matching are performed; a cost matching and a cost aggregation are performed on images of different sizes after correction, specifically, the cost matching is performed by fusing pixel cost, a color cost and a gradient cost to acquire the matching cost of images; and the cost aggregation is performed by performing aggregation strategies of minimum spanning tree and scanning line optimization on the cost of cost matching for images of different sizes, and an initial parallax map of each size image is calculated and acquired; the optimal aggregation cost of the original size image is acquired according to a multi-size aggregation model; a parallax calculation and a parallax optimization are performed on the acquired aggregation cost to acquire parallax images; an image segmentation is performed on the corrected image to determine edge pixel points of the object to be measured; and a pixel distance at an edge of the object to be measured is calculated to measure the size of the object. The method of the present invention enhances the matching accuracy of contour pixels of the object to be measured and improves the measurement accuracy.

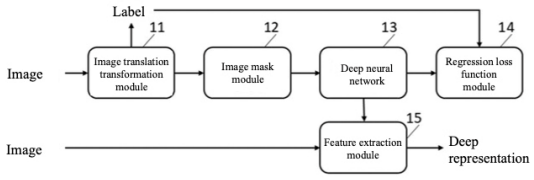


21: 2023/08288. 22: 2023/08/28. 43: 2023/09/04
51: G06K; G06T; G06N
71: ZHEJIANG NORMAL UNIVERSITY
72: ZHU, Xinzhong, XU, Huiying, GUO, Xifeng, DONG, Shihao, ZHAO, Jianmin
33: CN 31: 202110128485.2 32: 2021-01-29

54: METHOD AND SYSTEM FOR UNSUPERVISED DEEP REPRESENTATION LEARNING BASED ON IMAGE TRANSLATION

00: -

The present application discloses a system for unsupervised deep representation learning based on image translation, comprising: an image translation transformation module used for performing a random translation transformation on an image and generating an auxiliary label; an image mask module connected with the image translation transformation module and used for applying a mask to the image after translation transformation; a deep neural network connected with the image mask module and used for predicting an actual auxiliary label of the image after the mask is applied and learning the deep representation of the image; a regression loss function module connected with the deep neural network and used for updating parameters of the deep neural network based on a loss function; and a feature extraction module connected with the deep neural network and used for extracting the representation of the image. The present application solves the problem that an unsupervised method for predicting image rotation cannot process the rotation invariant image and also solves the problem of edge effects caused by the unsupervised method for predicting geometric transformation.

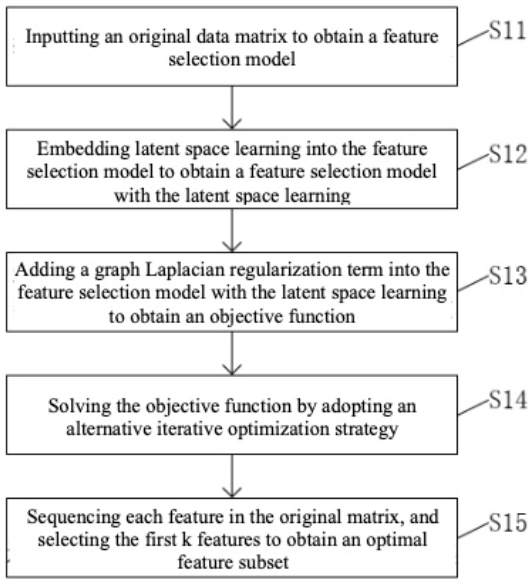


21: 2023/08289. 22: 2023/08/28. 43: 2023/09/04
51: G06K
71: ZHEJIANG NORMAL UNIVERSITY
72: ZHU, Xinzhong, XU, Huiying, ZHENG, Xiao, TANG, Chang, ZHAO, Jianmin
33: CN 31: 202110146550.4 32: 2021-02-03

54: UNSUPERVISED FEATURE SELECTION METHOD BASED ON LATENT SPACE LEARNING AND MANIFOLD CONSTRAINTS

00: -

The present application discloses an unsupervised feature selection method based on latent space learning and manifold constraints, which includes: S11, inputting an original data matrix to obtain a feature selection model; S12, embedding latent space learning into the feature selection model to obtain a feature selection model with the latent space learning; S13, adding a graph Laplacian regularization term into the feature selection model with the latent space learning to obtain an objective function; S14, solving the objective function by adopting an alternative iterative optimization strategy; and S15, sequencing each feature in the original matrix, and selecting the first k features to obtain an optimal feature subset. Feature selection is performed in a learned potential latent space, and the space is robust to noise; the potential latent space is modeled by non-negative matrix decomposition of a similarity matrix, and the matrix decomposition can unambiguously reflect relationships between data instances. Meanwhile, the local manifold structure of the original data space is preserved by graph-based manifold constraints in the potential latent space.



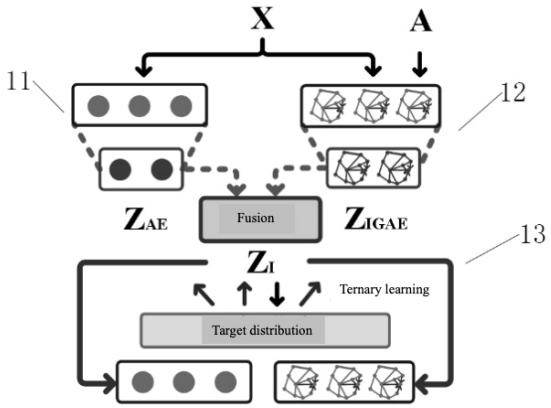
21: 2023/08290. 22: 2023/08/28. 43: 2023/09/04
51: G06K; G06N
71: ZHEJIANG NORMAL UNIVERSITY
72: ZHU, Xinzhong, XU, Huiying, TU, Wenxuan, ZHAO, Jianmin

33: CN 31: 202110154434.7 32: 2021-02-04

54: CROSS-MODAL FUSION-BASED DEEP CLUSTERING METHOD AND SYSTEM

00: -

The present application discloses a cross-modal fusion-based deep clustering system, comprising: an auto-encoder, a graph auto-encoder, a cross-modal information fusion module, and a joint optimization target module; wherein the auto-encoder is configured to perform feature extraction on attribute information of graph data and reconstruct an original attribute matrix; the graph auto-encoder is configured to perform feature extraction on structure information of the graph data and reconstruct an original adjacency matrix and a weighted attribute matrix; the cross-modal information fusion module is configured to integrate modal information of the auto-encoder with modal information of the graph auto-encoder to generate consensus implicit embedding, and initialize a cluster center according to the consensus implicit embedding and pre-calculation to generate a soft assignment distribution and a target distribution; and the joint optimization target module is configured to synchronously guide a parameter updating process of the auto-encoder, the graph auto-encoder, and the cross-modal information fusion module.



HYPOTHECATIONS

No records available

JUDGMENTS

No records available

OFFICE PRACTISE NOTICES

APPLICATION TO AMEND SPECIFICATION

Notice is hereby given that **NORDEX ENERGY SPAIN S.A.U.** ("Nordex"), whose address for service in the litigation referred to is **WEBBER WENTZEL, CAPE TOWN, c/o DR SAMANTHA GREGORY ATTORNEYS, PRETORIA,** will apply to the Court of the Commissioner of Patents to amend the specification of Patent No. **2018/08545** entitled **WIND TURBINE TOWER WITH REINFORCING ELEMENTS**, in the course of litigation with **THAYVONA (PROPRIETARY) LIMITED,** whose address for service in the litigation referred to is **VON SEIDELS, CAPE TOWN c/o VDT ATTORNEYS INC., PRETORIA**.

The proposed amendment will be provided to any party on request to Webber Wentzel, Attention: Tim Ball, at Tim.Ball@webberwentzel.com.

Any person wishing to oppose the amendment may do so by applying to join the abovementioned proceedings within one month of this advertisement.

the dtic
Department:
Trade, Industry and Competition
REPUBLIC OF SOUTH AFRICA

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the dtic Customer Contact Centre local: 0861 843 384 International: +27 12 394 9500, www.thedtic.gov.za

NOTIFICATION OF THE PATENT EXAMINATION BOARD IN TERMS OF SECTION 21 OF THE PATENT ACT 1978

PATENT EXAMINATION BOARD

The Patent Examination Board, in terms of Section 21(3)(a)(ix)(bb) of the Patents Act, 1978, has issued certificates to the persons listed below who have passed the prescribed examinations in 2023.

1. Christopher Tavengwa Nyarukowa
2. Louw Benjamin du Toit
3. Udisha Chathuri
4. Zaskia Henke

Dr Thandanani Cwele
Chairperson
Patent Examination Board
12 September 2023

Chairperson : Dr Thandanani Cwele
Members : Ms Shanaaz Mahomed, Mr Paul Sibisi, Mr Johnny Fiandeiro & MsThandiwe Khumalo
Secretariat : Ms Sheperd Khanyisa Chauke

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)

The numerical references denote the following: **(21)** Number of application. **(22)** Date of lodgement. **(23)** release date (if applicable). **(DR)** Date of registration. **(52)** Class. **(24)** Type of design. **(71)** Name(s) of applicant(s). **(33)** Country. **(31)** Number and. **(32)** Date of convention application. **(54)** Articles to which design is to be applied. **(57)** Brief statement of features.

. - APPLIED ON 2023/08/28 -

F2023/00948 - GED 263 (VAN 180) VAALDAM SETTLEMENT (PTY) LTD Class 09. A SPACER BOX

A2023/00947 - Kgothatso Alpheus Mokonyane Class 14. ULTIMATE ARCHIVES

. - APPLIED ON 2023/08/31 -

A2023/00951 - Haleon CH SARL Class 24. TELEMEDICINE CONSULTATION BOOTHS

F2023/00949 - Patrick John de Wet Class 08. QUICK WRAP FILM APPLICATOR

A2023/00950 - Haleon CH SARL Class 24. TELEMEDICINE CONSULTATION BOOTHS

F2023/00953 - GRADUS-SAMSON, Kyle Class 07. TABLEWARE

A2023/00954 - GRADUS-SAMSON, Kyle Class 07. TABLEWARE

A2023/00952 - GRADUS-SAMSON, Kyle Class 07. TABLEWARE

. - APPLIED ON 2023/09/01 -

F2023/00959 - TEQAL (PTY) LTD Class 09. A ROLL-ON CONTAINER AND BALL

A2023/00956 - UVEX ARBEITSSCHUTZ GMBH Class 16. SAFETY GOGGLE

F2023/00961 - TEQAL (PTY) LTD Class 09. A CAP FOR A ROLL-ON CONTAINER

F2023/00957 - PERI SE Class 25. SCAFFOLD SHOE

F2023/00955 - SCHNETLER, Stephan Class 09. A DUAL CARTRIDGE DISPENSER

A2023/00960 - TEQAL (PTY) LTD Class 09. A CAP FOR A ROLL-ON CONTAINER

A2023/00958 - TEQAL (PTY) LTD Class 09. A ROLL-ON CONTAINER AND BALL

. - APPLIED ON 2023/09/04 -

A2023/00965 - GOVENDER, Preevin Class 10. WATER METER BOXES

F2023/00966 - GOVENDER, Preevin Class 10. WATER METER BOXES

A2023/00962 - WAHL CLIPPER CORPORATION Class 28. HAIR TRIMMER

A2023/00964 - Wipe-It (Pty) Ltd. Class 05. PAPER TISSUE

A2023/00963 - USABCO INDUSTRIES PROPRIETARY LIMITED Class 9. STORAGE CONTAINERS

. - APPLIED ON 2023/09/05 -

A2023/00974 - APPLE INC. Class 14. HEAD-MOUNTED DISPLAY

A2023/00973 - APPLE INC. Class 14. HEAD-MOUNTED DISPLAY

A2023/00971 - APPLE INC. Class 14. HEAD-MOUNTED DISPLAY

A2023/00968 - APPLE INC. Class 14. HEAD-MOUNTED DISPLAY

A2023/00967 - APPLE INC. Class 14. HEAD-MOUNTED DISPLAY

A2023/00976 - APPLE INC. Class 14. HEAD-MOUNTED DISPLAY

A2023/00977 - APPLE INC. Class 14. HEAD-MOUNTED DISPLAY

A2023/00969 - APPLE INC. Class 14. HEAD-MOUNTED DISPLAY

A2023/00970 - APPLE INC. Class 14. HEAD-MOUNTED DISPLAY

A2023/00975 - APPLE INC. Class 14. HEAD-MOUNTED DISPLAY

A2023/00972 - APPLE INC. Class 14. HEAD-MOUNTED DISPLAY

. - APPLIED ON 2023/09/07 -

A2023/00979 - YETI COOLERS, LLC Class 7. MUG

A2023/00978 - YETI COOLERS, LLC Class 7. MUG

A2023/00980 - YETI COOLERS, LLC Class 7. MUG

A2023/00981 - YETI COOLERS, LLC Class 7. MUG

. - APPLIED ON 2023/09/08 -

A2023/00983 - SITA B.V. Class 14. COMPUTER PRINTER

A2023/00992 - GLOVE IP (PTY) LTD Class 02. A HELMET INNER SHELL

A2023/00987 - NUVOPAK (PTY) LTD Class 09. DISPENSER

A2023/00990 - GLOVE IP (PTY) LTD Class 02. A HELMET GRILL

F2023/00985 - VAN EEDEN, Christiaan Hieronymans Bornman Class 21. SPORTING NET SUPPORT FRAME

F2023/00986 - NUVOPAK (PTY) LTD Class 09. DISPENSER

F2023/00991 - GLOVE IP (PTY) LTD Class 02. A HELMET GRILL

A2023/00988 - GLOVE IP (PTY) LTD Class 02. A HELMET

F2023/00989 - GLOVE IP (PTY) LTD Class 02. A HELMET

F2023/00993 - GLOVE IP (PTY) LTD Class 02. A HELMET INNER SHELL

A2023/00982 - SITA B.V. Class 14. COMPUTER PRINTER

A2023/00984 - SITA B.V. Class 14. MONITOR FOR COMPUTER PRINTER

. - APPLIED ON 2023/09/11 -

A2023/00994 - Omni United (S) PTE Ltd. Class 12. TYRES AND TYRE TREADS

. - APPLIED ON 2023/09/12 -

A2023/00995 - NINGBO TENGHAO OUTDOOR CO., LTD Class 06. FLODING TABLE (DOUBLE VESION)

. - APPLIED ON 2023/09/13 -

A2023/01000 - BUSH BARROW (PTY) LTD Class 12. A WHEELBARROW

F2023/00999 - BUSH BARROW (PTY) LTD Class 12. A BARROW

F2023/00998 - BUSH BARROW (PTY) LTD Class 12. A WHEELBARROW

A2023/00997 - BUSH BARROW (PTY) LTD Class 12. A BARROW

A2023/00996 - UNILEVER GLOBAL IP LIMITED Class 9. BOTTLE

. - APPLIED ON 2023/09/14 -

A2023/01006 - DART INDUSTRIES INC. Class 7. MANUAL FOOD GRINDER

A2023/01004 - ROLEX SA Class 10. MOVEMENT MECHANISM FOR CLOCKS AND WATCHES

A2023/01003 - Chery Automobile Co., Ltd. Class 12. AUTOMOBILES

A2023/01001 - ELITE SURGICAL SUPPLIES (PTY) LTD Class 24. AN ANCHOR INTRODUCER

A2023/01005 - ROLEX SA Class 10. MOVEMENT MECHANISM FOR CLOCKS AND WATCHES

A2023/01007 - NINGBO TENGHAO OUTDOOR CO., LTD Class 06. EXPANDABLE STOOL

F2023/01002 - ELITE SURGICAL SUPPLIES (PTY) LTD Class 24. AN ANCHOR INTRODUCER

. - APPLIED ON 2023/09/15 -

A2023/01009 - Wuhan Jingchen Intelligent Identification Technology Co.,Ltd. Class 14. PRINTER

F2023/01008 - Nico Micahael Makkink and Ettienne Pierre Makkink Class 08. TENSIONER

. - APPLIED ON 2023/09/18 -

A2023/01010 - Skechers U.S.A., Inc. II Class 2. FOOTWEAR

. - APPLIED ON 2023/09/19 -

A2023/01015 - FLSMIDTH A/S Class 23. VALVE SLEEVE

F2023/01014 - PARI GmbH Spezialisten für effektive Inhalation Class 24. INHALATION MASKS

A2023/01012 - PARI GmbH Spezialisten für effektive Inhalation Class 24. INHALATION MASKS

F2023/01013 - PARI GmbH Spezialisten für effektive Inhalation Class 24. INHALATION MASKS

A2023/01011 - PARI GmbH Spezialisten für effektive Inhalation Class 24. INHALATION MASKS

. - APPLIED ON 2023/09/20 -

F2023/01017 - Hengshui Yiqingshu Hosiery Co., Ltd. Class 2. SOCKS

F2023/01018 - GRADUS-SAMSON, Kyle Class 07. TABLEWARE

A2023/01016 - MTHETWA, Winston Bongani Class 07. SERVING TRAY

. - APPLIED ON 2023/09/21 -

A2023/01023 - POOL ROBOTICS SA PROPRIETY LIMITED Class 04. CONTAINER FOR LIQUID OR GRANULAR SUBSTANCES

A2023/01019 - FD INDUSTRIES (PTY) LTD Class 09. POT

F2023/01022 - FD INDUSTRIES (PTY) LTD Class 09. POT AND TRAY SYSTEM

F2023/01020 - FD INDUSTRIES (PTY) LTD Class 09. POT

F2023/01024 - POOL ROBOTICS SA PROPRIETY LIMITED Class 04. CONTAINER FOR LIQUID OR GRANULAR SUBSTANCES

A2023/01021 - FD INDUSTRIES (PTY) LTD Class 09. POT AND TRAY SYSTEM

. - APPLIED ON 2023/09/22 -

A2023/01028 - Beaute Prestige International Class 9. PHIALS

A2023/01030 - SUSAN BROCK Class 6. CUSTOMISABLE PILLOW

A2023/01027 - Lupin Inc. Class 9. TRAYS

F2023/01026 - RSI NORTH AMERICA, INC. Class 12. VEHICLE BED

A2023/01025 - RSI NORTH AMERICA, INC. Class 12. VEHICLE BED

F2023/01029 - PIENAAR, Lourens Class 07. CONTAINER AND STAND

CHANGE OF NAME IN TERMS OF REGULATION 24

No records available

APPLICATION FOR THE RESTORATION OF A LAPSED DESIGN UNDER SECTION 23 OF THE ACT

No records available

APPLICATION TO CORRECT AND/OR AMEND DESIGNS APPLICATION OR REGISTRATION

REPUBLIC OF SOUTH AFRICA

DESIGNS ACT, No. 195 OF 1993

APPLICATIONS TO CORRECT AND/OR AMEND DESIGNS APPLICATION OR REGISTRATION (SECTIONS 26, 27-REGULATION 41)

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS NOT YET OPEN FOR PUBLIC INSPECTION.THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART I. AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED

PART I

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION.THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART II. AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY BE INSPECTED AND MAY BE OPPOSED

PART II

Design no: A2020/00426

Applicant: ROCK SOLID INDUSTRIES INTERNATIONAL (PTY) LTD

Class: 12

Article to which the design is applied: A CANOPY FOR A VEHICLE

Date of lodgment: 04/05/2020

Registrar of Designs

Design no: A2020/00427

Applicant: ROCK SOLID INDUSTRIES INTERNATIONAL (PTY) LTD

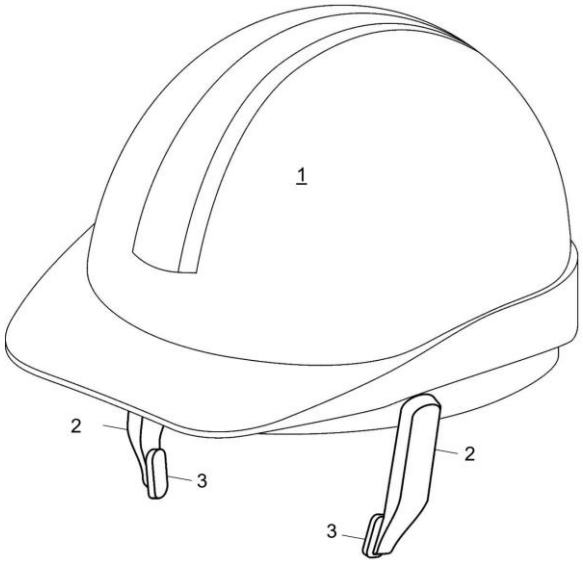
Class: 12

Article to which the design is applied: A CANOPY FOR A VEHICLE

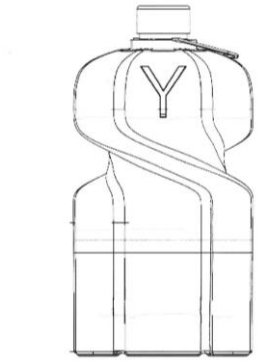
Date of lodgment: 04/05/2020

Registrar of Designs

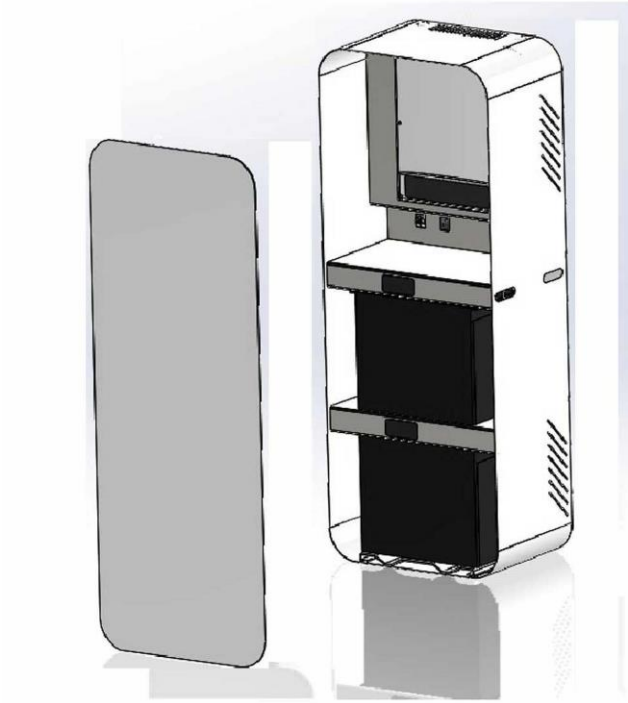
21: A2020/01038 22: 2020-07-31 23:
43: 2023-08-14
52: Class 02 24: Part A
71: ISITECH (PTY) LTD
54: A HELMET WITH TEMPLE PROTECTORS
57: The design is applied to a helmet with temple protectors. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of the helmet with temple protectors, substantially as illustrated in the accompanying representations.



21: A2021/01016 22: 2021-09-01 23:
43: 2023-08-14
52: Class 09 24: Part A
71: FEAD Food & Beverages (Pty) Ltd
54: BOTTLE
57: The features of the design for which protection is claimed, are the shape, pattern, configuration and ornamentation of a bottle substantially as illustrated in the accompanying drawings.



21: A2021/01268 22: 2021-10-07 23:
43: 2023-07-04
52: Class 13 24: Part A
71: Wetility Energy(Pty)Ltd
54: ELECTRIC EQUIPMENT BOX
57: The design relates to an electric equipment box. The features of the design are those of shape and/or configuration.



21: A2021/01538 22: 2021-12-17 23:
43: 2021-06-24
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/796,403 32: 2021-06-24
54: ORAL CARE IMPLEMENTS

57: The design is for an oral care implement (a toothbrush) comprising an elongated body having a head, a neck, and a handle. The head is oval-shaped with bristles. The head, neck, and handle merge seamlessly. Top and bottom portions of the handle bulge slightly and are separated by a waisted mid-portion. A marking wraps around a front top portion, swirls around one side, extends around most of a rear portion of the body, and projects upwardly ending in three curved parallel, knurled fingers at the rear of the head. At the front of the handle, the marking includes a pattern of three curved, ridges, extending together from the mid-portion towards the neck, terminating at the edge of the front. A top portion of the rear of the handle has a similar pattern, whilst the bottom portion is further defined by an elliptical recess. The bristles define three diverging bristle clusters.

Figure 1

Three-dimensional view

21: A2021/01539 22: 2021-12-17 23:
43: 2021-06-24
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/796,403 32: 2021-06-24
54: ORAL CARE IMPLEMENTS
57: The design is for a part of an oral care implement (a toothbrush) comprising a top portion of a handle. The top of the handle bulges slightly and ends in a lower waisted portion. A marking wraps around a front portion, swirls around one side, and extends to a rear portion of the handle. At the front of the handle, the marking includes a pattern of three curved ridges, extending together from the lower portion towards the top portion, terminating at the edge of the front. The rear has a similar pattern.

Figure 1

Three-dimensional view

21: A2021/01540 22: 2021-12-17 23:
43: 2021-06-24
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/796,403 32: 2021-06-24
54: ORAL CARE IMPLEMENTS
57: The design is for part of an oral care implement (a toothbrush) comprising rear surface of a head

which is oval-shaped. A marking on the rear surface includes three curved, knurled fingers which extend together from the bottom edge of the surface towards the upper edge.

Figure 1

Three-dimensional view

21: A2022/00147 22: 2022-02-11 23:
43: 2021-08-12
52: Class 12 24: Part A
71: Dr. Ing. h.c. F. Porsche Aktiengesellschaft
33: EM(DE) 31: 008648422-0001 32: 2021-08-12
54: AUTOMOBILES
57: The design is for a car in the form of a two-door coupé. It has a pair of side intake radiator grilles straddling a lower central portion of a front bumper. The car has a clamshell-shaped bonnet on which stands in relief a pair of elongate side portions separated by an elongate central portion. Each side portion extends forwardly into a rectangular shaped intake grille at a front of the car. A pair of protruding circular-oval-shaped headlights are located on either side of the bonnet. The car has a dome-shaped roof and a downwardly, rearwardly inclined rear windscreen extends between the roof and trunk. An elongate, horizontally extending spoiler protrudes outwardly from an upper periphery of the trunk and an elongate light strip is below the spoiler. The car also has a generally elongate rear bumper with curved contours with real wheel arches having a wider footprint than a midsection of the car.

Figure 1

Three-dimensional view

21: A2022/00150 22: 2022-02-11 23:
43: 2021-08-12
52: Class 12 24: Part A
71: Dr. Ing. h.c. F. Porsche Aktiengesellschaft
33: EM(DE) 31: 008648422-0006 32: 2021-08-12
54: AUTOMOBILES
57: The design is for a car in the form of a two-door coupé. It has a pair of side intake radiator grilles straddling a lower central portion of a front bumper. The car has a clamshell-shaped bonnet on which stands in relief a pair of elongate side portions separated by an elongate central portion. Each side portion extends forwardly into a rectangular shaped intake grille at a front of the car. A pair of protruding circular-oval-shaped headlights are located on either side of the bonnet. The car has a dome-shaped roof and a downwardly, rearwardly inclined rear windscreen extends between the roof and trunk. An elongate, horizontally extending spoiler protrudes outwardly from an upper periphery of the trunk and an elongate light strip is below the spoiler. The car also has a generally elongate rear bumper with curved contours with real wheel arches having a wider footprint than a midsection of the car.

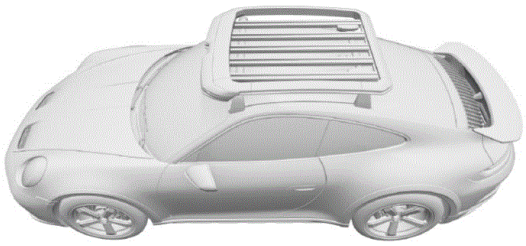
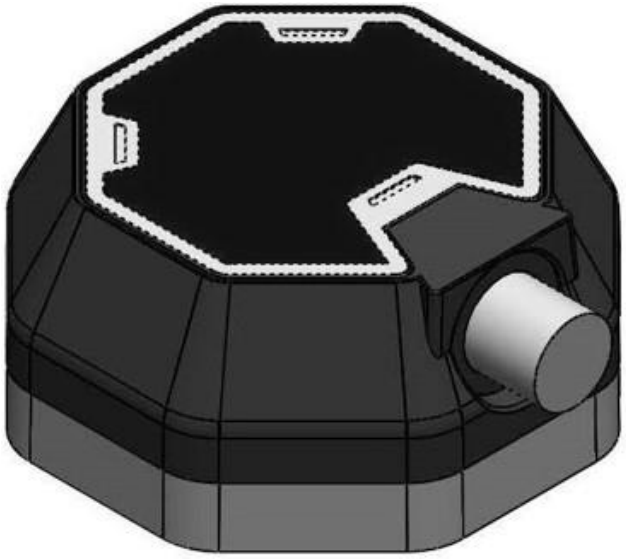


Figure 1

Three-dimensional view

21: A2022/00194 22: 2022-02-25 23:
43: 2023-08-14
52: Class 13 24: Part A
71: FLENDER GMBH
33: EU 31: 008665202-0001 32: 2021-08-31
54: GEARBOX FOR AN ELECTRIC MOTOR
57: The design is applied to a gearbox for an electric motor. 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 gearbox for an electric motor, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed. The shading shown in the representation does not form part of the design and is also disclaimed.



21: A2022/00323 22: 2022-03-28 23:
43: 2021-09-30
52: Class 12 24: Part A
71: Dr. Ing. h.c. F. Porsche Aktiengesellschaft
33: EM(DE) 31: 008712988-0001 32: 2021-09-30
54: AUTOMOBILES
57: The design is for an automobile in the form of a two-door coupé. A vertical deflector extends upwardly from either end of a front splitter. A front bumper has a central aperture and vent openings at opposite ends thereof. A pair of generally centrally disposed rear facing vents open out of a bonnet. An oval shaped headlight is provided at a front of each front quarter panel. A pair of inclined vents are provided on the sides of each front quarter panel. A skirt protrudes laterally from a lower edge of each side of the automobile between the front and rear wheels. A vertical deflector extends upwardly from the skirt immediately behind each front wheel. A rear wing is supported on a pair of closely spaced upwardly extending struts. A vertical deflector extends upwardly from each end of a rear bumper adjacent a rear wheel. A pair of exhaust pipes protrude centrally from a rear diffuser.

Figure 1

Three-dimensional view

21: A2022/00751 22: 2022-06-29 23:
43: 2021-12-30
52: Class 12 24: Part A
71: Chery Automobile Co., Ltd.
33: CN 31: 202130873690.2 32: 2021-12-30
54: CARS
57: The design is for a sedan-type car. The car has a large, central X-shaped grille that defines a honeycomb structure providing a sense of perspective. A pair of triangular-shaped vent openings are provided on either side of the grille. A bar-type design headlight is provided on each side of the grille and extends rearwardly towards the side. On the side of the body, the car adopts a curved design, a large slipback shape and a prominent shoulder line runs from the front all the way to a taillight. The taillights are through-type taillights and are sharply angular and provided on an outer corner of a rear of the car on each side. A rear diffuser of the car defines a pair of longitudinally spaced apart

exhaust openings and side vent openings for a dynamic look.

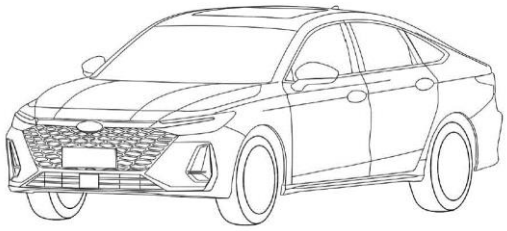
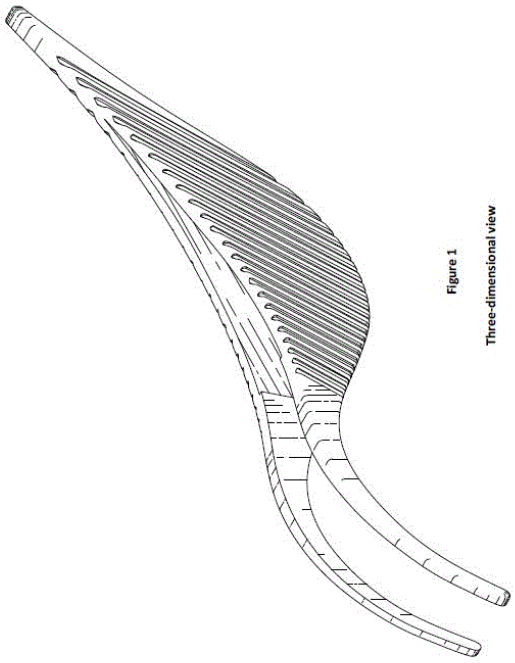


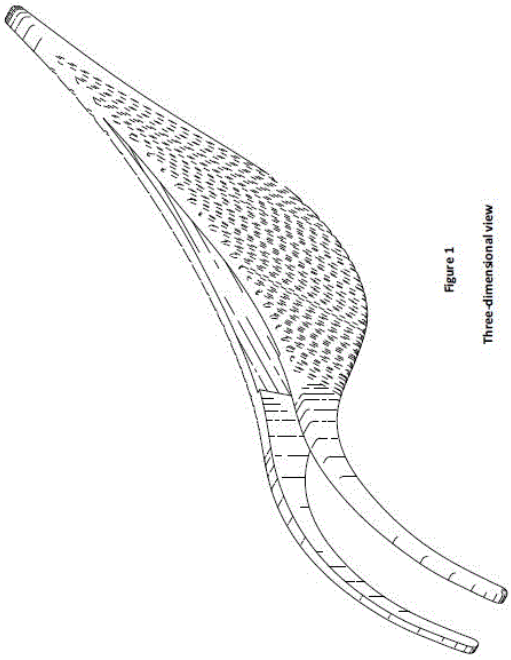
Figure 1

Three-dimensional view

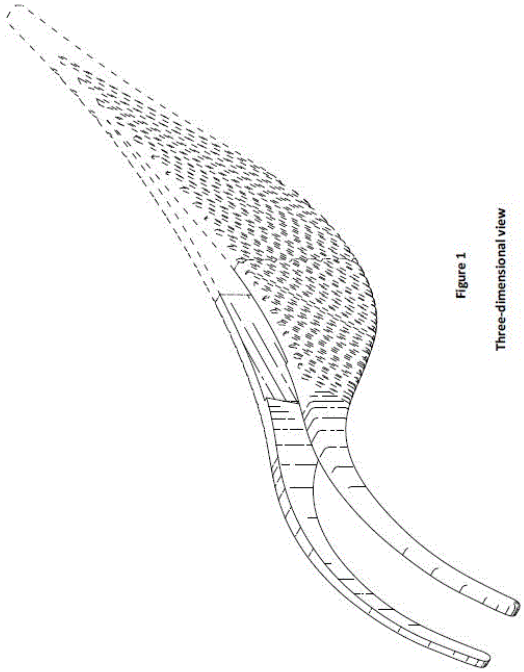
21: A2022/00952 22: 2022-08-17 23:
43: 2022-07-20
52: Class 28 24: Part A
71: Lashify, Inc.
33: US 31: 29/846,970 32: 2022-07-20
54: TWEEZERS AND APPLICATORS
57: The design is for a tweezer and applicator comprising a pair of spaced-apart elongate S-shaped arms attached at a first end portion and each having a free curved end. A bottom surface of each arm curves convexly downwardly from the first end portion and curves deeply past an inflection point to a wide concavely curved main portion toward the free end. An outer surface of the main portion includes a gripping surface comprising an arrangement of inclined spaced-apart formations. An inner surface of each arm curves gently from the free end and defines a lip at the main portion.



21: A2022/00953 22: 2022-08-17 23:
43: 2022-07-20
52: Class 28 24: Part A
71: Lashify, Inc.
33: US 31: 29/846,970 32: 2022-07-20
54: TWEEZERS AND APPLICATORS
57: The design is for a tweezer and applicator comprising a pair of spaced-apart elongate S-shaped arms attached at a first end portion and each having a free curved end. A bottom surface of each arm curves convexly downwardly from the first end portion and curves deeply past an inflection point to a wide concavely curved main portion toward the free end. An inner surface of each arm curves gently from the free end and defines a lip at the main portion.



21: A2022/00954 22: 2022-08-17 23:
43: 2022-07-20
52: Class 28 24: Part A
71: Lashify, Inc.
33: US 31: 29/846,970 32: 2022-07-20
54: TWEEZERS AND APPLICATORS
57: The design is for a tweezer and applicator comprising a pair of spaced-apart elongate S-shaped arms that each has a free curved end. A bottom surface of each arm curves upwardly towards the free end. An inner surface of each arm curves gently from the free end and defines a lip.



21: A2022/01020 22: 2022-08-31 23:
43: 2022-03-03
52: Class 15 24: Part A
71: Cricut, Inc.
33: US 31: 29/792,102 32: 2022-03-03
54: PRESSES
57: The present article is used to heat-transfer prescribed design to a prescribed base material, specifically, in a manner where a prescribed heat-transfer material, which comprises the prescribed design, is arranged onto an upper surface of the prescribed base material; and then a concavely curved heat plate provided on a lower surface of the present article is pressed onto the prescribed heat-transfer material to heat-transfer the prescribed design to the prescribed base material. The article includes a broad, curved handle which extends longitudinally from one end to the other, over a top of the article and defines an oval opening in a body of the article.

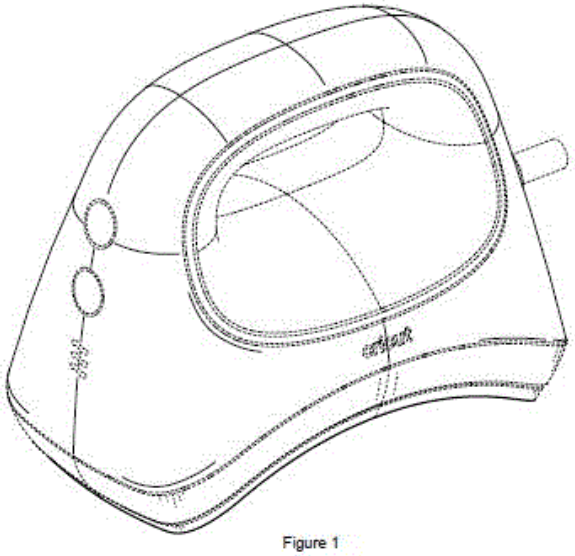
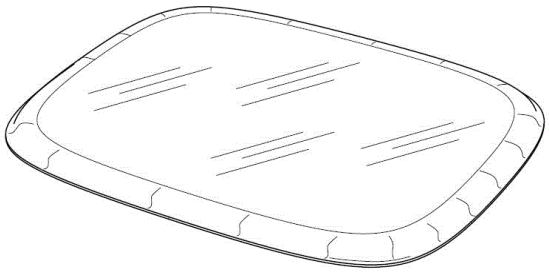


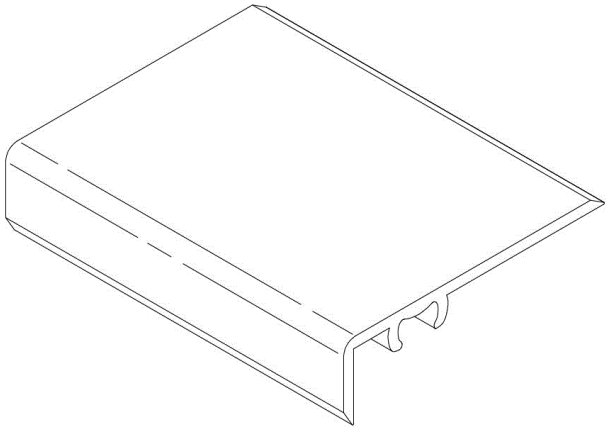
Figure 1

Three-dimensional view

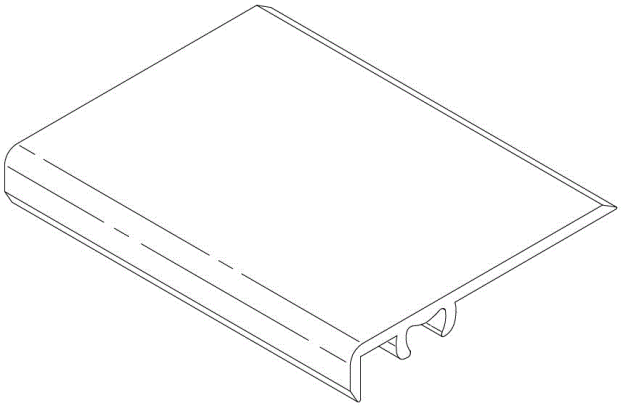
21: A2022/01021 22: 2022-08-31 23:
43: 2022-03-04
52: Class 24 24: Part A
71: Cricut, Inc.
33: US 31: 29/792,125 32: 2022-03-04
54: PRESS PADS
57: The present article is used to heat-transfer a prescribed design to a prescribed base material, specifically, in a manner where a heat press pad is arranged to support the prescribed base material and a prescribed heat-transfer material, which comprises the prescribed design, is arranged on top of the prescribed base material; and then a heat plate is pressed onto the prescribed heat-transfer material to press the prescribed base material between the prescribed heat-transfer material and the heat press pad to heat-transfer the prescribed design to the prescribed base material. The heat press pad has a planar base and a marginally raised upper surface. When viewed from the top, the heat press pad is rectangular with rounded corners.



21: A2022/01026 22: 2022-09-01 23:
43: 2022-09-01
52: Class 25 24: Part A
71: Alco Exotic Green Building Products CC
54: TRIMS FOR FLOORING OR CARPETING
57: The design is for a trim for flooring or carpeting, substantially as illustrated in the accompanying representations



21: A2022/01027 22: 2022-09-01 23:
43: 2022-09-01
52: Class 25 24: Part A
71: Alco Exotic Green Building Products CC
54: TRIMS FOR FLOORING OR CARPETING
57: The design is for a trim for flooring or carpeting, substantially as illustrated in the accompanying representations



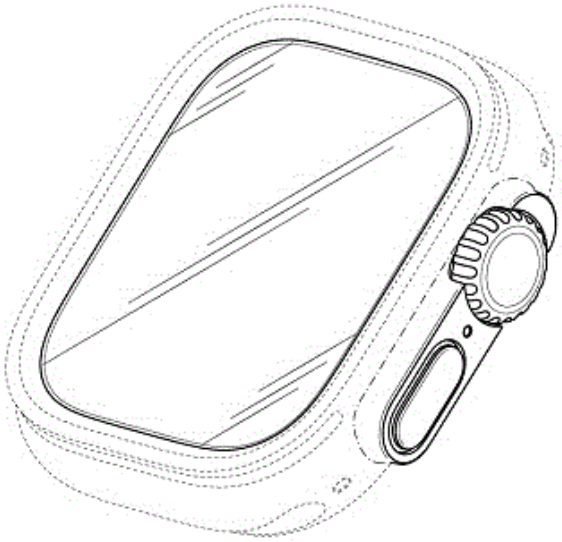
21: A2022/01029 22: 2022-09-01 23:
43: 2022-03-02
52: Class 2 24: Part A
71: Crocs, Inc.
33: US 31: 29/829,020 32: 2022-03-02
54: FOOTWEAR
57: The design is for an article of footwear in the form of a slip-on shoe. The footwear has a sole and

a vamp connected to the sole. The vamp defines an opening at a rear end thereof. A plurality of spaced circular openings is provided in the vamp. The sole has a face that is noticeably elevated and has a slight upward inclination towards the front of the footwear. A plurality of spaced apart grooves extends around the periphery of the vamp adjacent to its connection to the sole. A rib extends around the opening in the vamp and a plurality of spaced apart grooves is provided in the vamp adjacent to the rib.

Figure 1

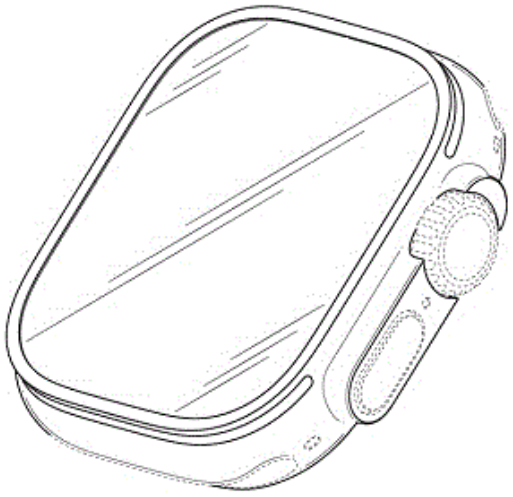
Three-dimensional view

21: A2022/01089 22: 2022-09-16 23:
43: 2023-07-19
52: Class 10. 24: Part A
71: APPLE INC.
33: US 31: 29/831,163 32: 2022-03-17
54: Electronic Device
57: The design relates to an electronic device. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



BOTTOM FRONT PERSPECTIVE VIEW

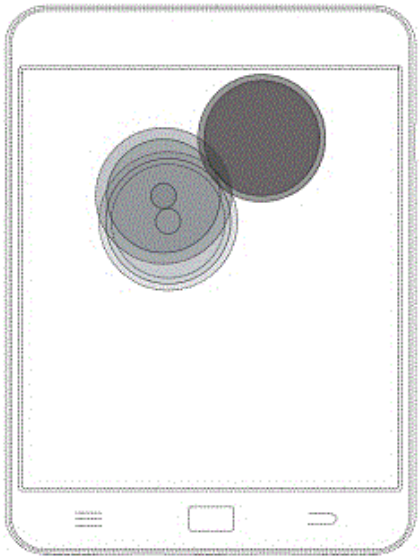
21: A2022/01095 22: 2022-09-16 23:
43: 2023-07-19
52: Class 10. 24: Part A
71: APPLE INC.
33: US 31: 29/831,163 32: 2022-03-17
33: US 31: 29/852,359 32: 2022-09-06
33: US 31: 29/852,530 32: 2022-09-07
33: US 31: 29/852,194 32: 2022-09-04
54: Electronic Device
57: The design relates to an electronic device. The features of the design are those of shape and/or configuration and/or ornamentation.



BOTTOM FRONT PERSPECTIVE VIEW

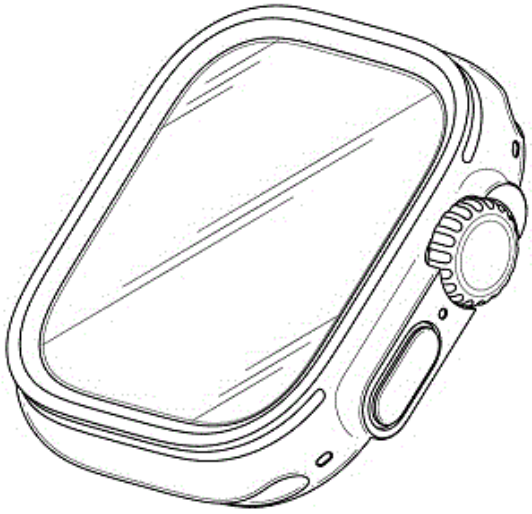
21: A2022/01097 22: 2022-09-16 23:

43: 2023-07-12
52: Class 14. 24: Part A
71: AB INITIO TECHNOLOGY LLC
33: US 31: 29/831,275 32: 2022-03-18
54: Display Panel Portion with an Animated Computer Icon
57: The design relates to a display panel portion with an animated computer icon. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



FIRST FIGURE OF SEQUENCE

21: A2022/01100 22: 2022-09-16 23:
43: 2023-07-04
52: Class 10. 24: Part A
71: APPLE INC.
33: US 31: 29/831,163 32: 2022-03-17
54: Electronic Device
57: The design relates to an electronic device. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



BOTTOM FRONT PERSPECTIVE VIEW

21: A2022/01218 22: 2022-10-07 23:
43: 2022-04-08
52: Class 15 24: Part A
71: Caterpillar Inc.
33: CN 31: 202230194126.2 32: 2022-04-08
54: WHEEL LOADERS
57: The features of the design are illustrated in the overall appearance which is particular to the claimed design. This design relates to a wheel loader which may be used to shovel and transport material, such as soil, gravel, etc.

Figure 1

Three-dimensional view

21: A2022/01281 22: 2022-10-13 23:
43: 2022-05-03
52: Class 12 24: Part A
71: Omni United (S) PTE Ltd.
33: US 31: 29/837,222 32: 2022-05-03
54: TYRES AND TYRE TREADS
57: The features of the tyre tread design include a high void-to-lug ratio and deep side blocks on the

tyre top tread with blocks on the tire shoulder tread to provide traction and grip on rocks, gravel, mud and soft soil. Raised triangle and bar shaped stone ejectors and serrations on the bottom tread add reinforcement. Sidewall lugs provide edges for grip and traction. The optimized tread pattern design reduces noise for a quieter and more comfortable on-road ride.

Figure 1
Three-dimensional view

21: A2022/01371 22: 2022-10-28 23:
43: 2023-08-14
52: Class 23 24: Part A
71: HANSGROHE SE
33: EU 31: 009028/517-0001 32: 2022-05-16
54: TOILET BOWL
57: The features of the design for which protection is claimed are those of the shape and/or configuration of the toilet bowl substantially as illustrated in the accompanying drawing.

21: A2022/01372 22: 2022-10-28 23:
43: 2023-08-14
52: Class 23 24: Part A
71: HANSGROHE SE
33: EU 31: 009028517-0003 32: 2022-05-16
54: TOILET BOWL
57: The features of the design for which protection is claimed are those of the shape and/or configuration of the toilet bowl substantially as illustrated in the accompanying drawing.

21: A2022/01373 22: 2022-10-28 23:
43: 2023-08-14
52: Class 23 24: Part A
71: HANSGROHE SE
33: EU 31: 009028517-0005 32: 2022-05-16
54: TOILET BOWL
57: The features of the design for which protection is claimed are those of the shape and/or configuration of the toilet bowl substantially as illustrated in the accompanying drawing.

21: A2022/01374 22: 2022-10-28 23:
43: 2023-08-14
52: Class 23 24: Part A
71: HANSGROHE SE
33: EU 31: 009028517-0007 32: 2022-05-16
54: TOILET BOWL
57: The features of the design for which protection is claimed are those of the shape and/or configuration of the toilet bowl substantially as illustrated in the accompanying drawing.

21: A2022/01375 22: 2022-10-28 23:
43: 2023-08-14
52: Class 23 24: Part A
71: HANSGROHE SE
33: EU 31: 009015928-0001 32: 2022-05-03
54: HAND SHOWER
57: The features of the design for which protection is claimed are those of the shape and/or configuration of the hand shower substantially as illustrated in the accompanying drawing.

21: A2022/01382 22: 2022-11-01 23:
43: 2022-05-02

52: Class 2 24: Part A
71: Crocs, Inc.
33: US 31: 29/837,148 32: 2022-05-02
54: FOOTWEAR
57: The design is for an article of footwear in the form of a sandal. The footwear has a sole and a vamp connected to the sole. A heel strap extends rearwardly from the vamp and a rear opening is defined between the heel strap and back of the sole at a rear end of the footwear. A U-shaped opening is defined on the vamp. An upper strap which is provided on an upper portion of the vamp extends across the vamp and partly covers the U-shaped opening. Pronounced generally triangular-shaped openings having a curved outline are defined on opposite sides of the vamp proximate the sole. The sole is thick and has a slight upward inclination towards the front of the footwear. A central portion of the sole is arc shaped and defines an arc shaped opening. Irregular shaped protruding formations are provided along the sides, rear and front of the sole.

Figure 1

Three-dimensional view

21: A2022/01383 22: 2022-11-01 23:
43: 2022-05-02
52: Class 2 24: Part A
71: Crocs, Inc.
33: US 31: 29/837,135 32: 2022-05-02
54: FOOTWEAR
57: The design is for an article of footwear in the form of a gumboot. A plurality of spaced circular indentations are provided on a vamp. A ring of raised formations is provided around a mouth of the gumboot and a plurality of spaced apart holes is provided in the ring. A peripheral contour line is provided on a sidewall of the sole. A band of a plurality of raised formations is provided above and roughly follows the contour line. A plurality of spaced apart roughly trapezoidal shaped indentations is provided around a toe-end of the gumboot, in the band of raised formations. A plurality of raised formations is provided around the heel portion of the sole. A pair of generally centrally disposed recesses is provided in the sidewall on opposite sides of the gumboot.

Figure 1

Three-dimensional view

21: A2022/01384 22: 2022-11-01 23:
43: 2022-05-02
52: Class 2 24: Part A
71: Crocs, Inc.
33: US 31: 29/837,116 32: 2022-05-02
54: FOOTWEAR
57: The design is for an article of footwear in the form a slider slip-on shoe. The footwear has a sole and a closed upper covering a major portion of the footwear. The upper defines a rear opening. Pronounced generally triangular-shaped openings having a curved outline are defined on opposite sides of the upper. The sole is thick and has a slight upward inclination towards the front of the footwear. A pattern of contour shaped grooves is provided on the undersole which transition into angularly inclined grooves on the sides of the sole.

Figure 1

Three-dimensional view

21: A2022/01385 22: 2022-11-01 23:

43: 2022-05-02
52: Class 2 24: Part A
71: Crocs, Inc.
33: US 31: 29/837,131 32: 2022-05-02
54: FOOTWEAR
57: The design is for an article of footwear in the form of a clog-like slip-on shoe. The footwear has a sole with opposed top and bottom surfaces, a vamp connected to the sole and a heel strap connected to the vamp. The sole has a noticeably upward inclination towards the front of the footwear. Opposed recesses are provided in a side of the sole between a heel portion and a front portion thereof.

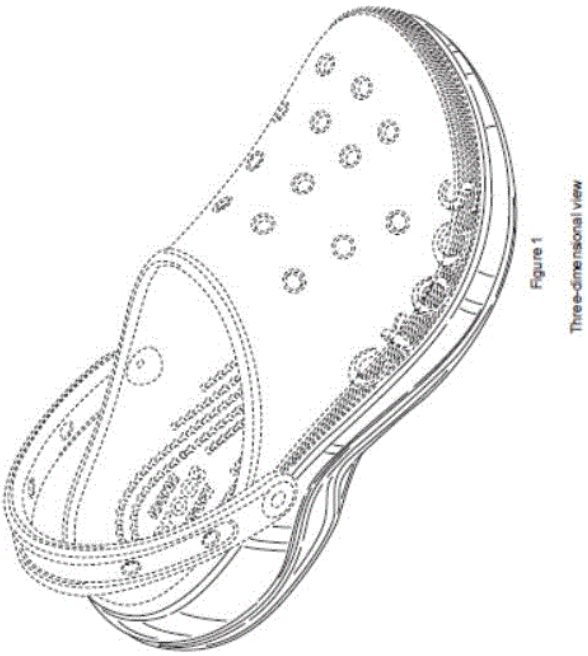


Figure 1
Three-dimensional view

21: A2022/01386 22: 2022-11-01 23:
43: 2022-05-02
52: Class 2 24: Part A
71: Crocs, Inc.
33: US 31: 29/837,131 32: 2022-05-02
54: FOOTWEAR AND SOLES FOR FOOTWEAR
57: The design relates to footwear and more particularly to a sole for footwear. The sole has opposed top and bottom surfaces and a peripheral sidewall extending there between. The upper surface is inclined gently upwardly towards an outer periphery thereof. A plurality of spaced apart holes open out of the upper surface. The sidewall includes a continuous undulating recessed contour line.

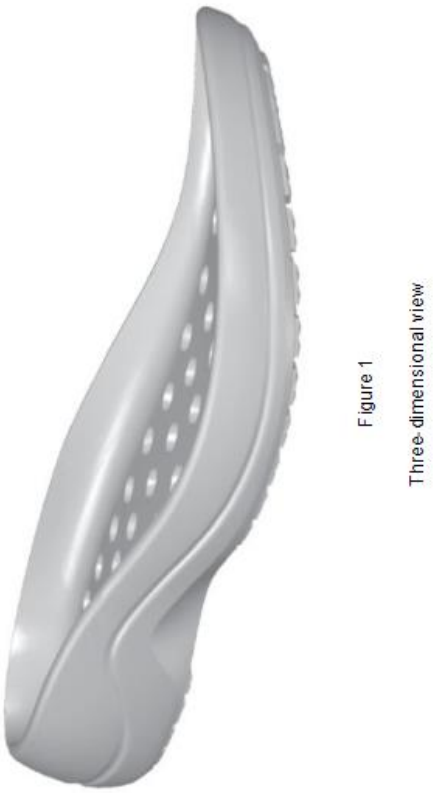
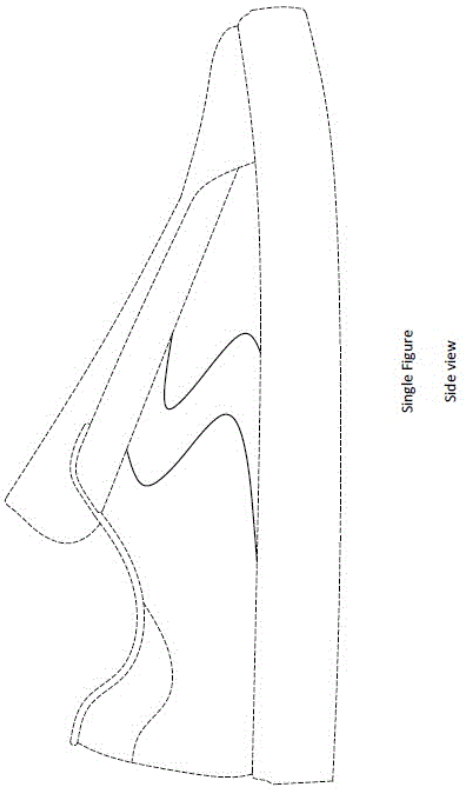
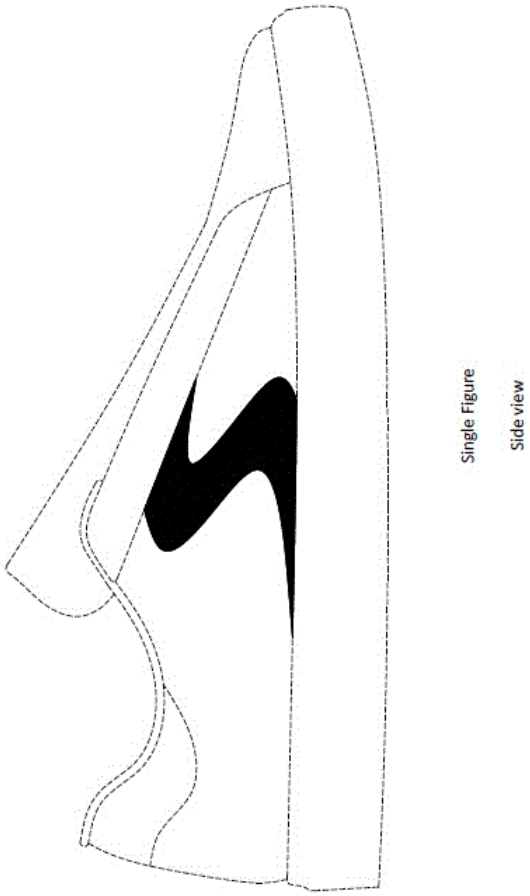


Figure 1
Three-dimensional view

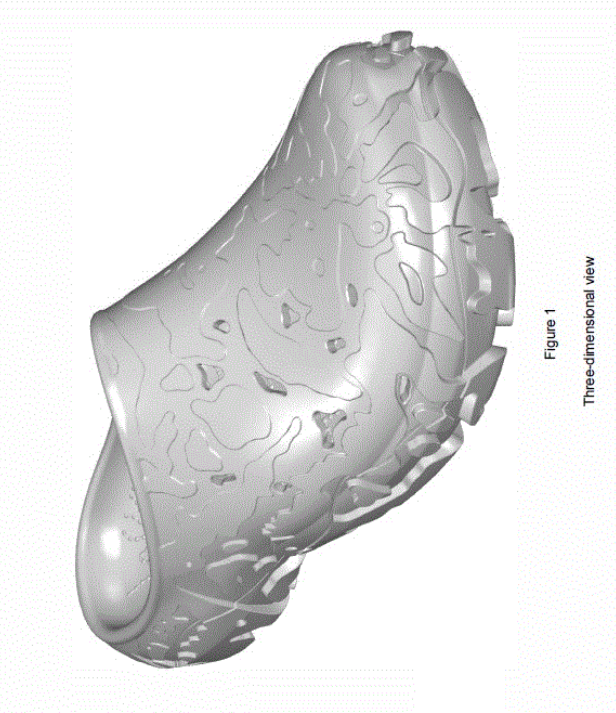
21: A2022/01393 22: 2022-11-04 23:
43: 2022-05-06
52: Class 02 24: Part A
71: Skechers U.S.A., Inc. II
33: US 31: 29/837,607 32: 2022-05-06
54: FOOTWEAR
57: The design is applied to a footwear substantially as shown in the accompanying presentations. The footwear has a side panel. A large S-shaped member is provided on the side panel and extends obliquely between an upper portion and lower portion of the side panel.



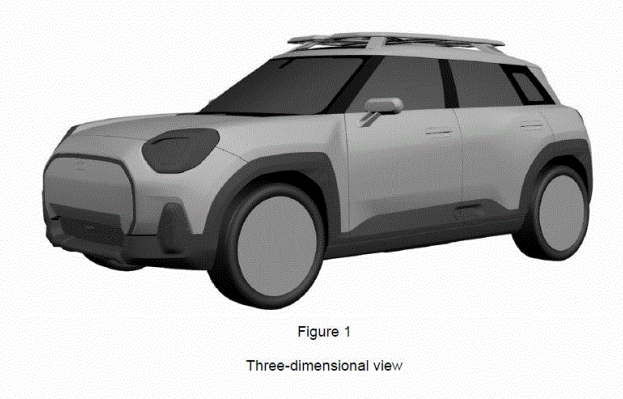
21: A2022/01394 22: 2022-11-04 23:
43: 2022-05-06
52: Class 02 24: Part A
71: Skechers U.S.A., Inc. II
33: US 31: 29/837,607 32: 2022-05-06
54: FOOTWEAR
57: The design is applied to a footwear substantially as shown in the accompanying presentations. The footwear has a side panel. A coloured large S-shaped member is provided on the side panel and extends obliquely between an upper portion and lower portion of the side panel.



21: A2022/01395 22: 2022-11-04 23:
43: 2022-05-06
52: Class 2 24: Part A
71: Crocs, Inc.
33: US 31: 29/837,609 32: 2022-05-06
54: FOOTWEAR
57: The design is for an article of footwear in the form of a slip-on shoe. The footwear has a sole with opposed top and bottom surfaces, and a vamp connected to the sole. Outer surfaces of the shoe have embossed formations arranged in a topographical pattern. The vamp defines an opening at a rear end thereof. A plurality of irregularly shaped openings are provided in the vamp, with a rib extending around the opening in the vamp. The sole has a noticeably elevated face that has a slight upward inclination towards the front of the footwear.



21: A2022/01401 22: 2022-11-04 23:
43: 2022-05-06
52: Class 12 24: Part A
71: Bayerische Motoren Werke Aktiengesellschaft
33: DE 31: 402022100384.6 32: 2022-05-06
54: MOTOR VEHICLES
57: The design is for a motor vehicle in the form of a four-door crossover hatchback having short overhangs. The motor vehicle has a closed radiator grille having an octagonal contour. Irregular shaped opposite headlights surrounded by a corresponding frame are provided on the front of the motor vehicle and extend partly onto the sides of a substantially flat bonnet. Surface lines on the sides of the motor vehicle provide a tapered effect between the front and rear wheel arches. Contour lines on the vehicle provide a dynamic upward movement in the front area of the vehicle, an elongated progression and a steep downward swing. The vehicle has wide surrounds on the lower edge of the body, strongly contoured wheel arches, large wheels, and a striking roof rack.



21: A2022/01403 22: 2022-11-04 23:
43: 2022-05-06
52: Class 2 24: Part A
71: Crocs, Inc.
33: US 31: 29/837,650 32: 2022-05-06
54: FOOTWEAR
57: The design is for an article of footwear in the form of a slip-on shoe. The footwear has a sole with opposed top and bottom surfaces, a peripheral sidewall, and a vamp connected to the sole. The vamp defines an opening at a rear end thereof. A peripheral rib extends around an upper edge of the sidewall. The thickness of the sole increases rearwardly in a central region of the shoe. The sole has a noticeably elevated face that has a slight upward inclination towards the front of the footwear. Two sets of transversely extending longitudinally spaced apart recesses are provided in the sole. Each recess has a generally asymmetric saw-tooth cross-section.

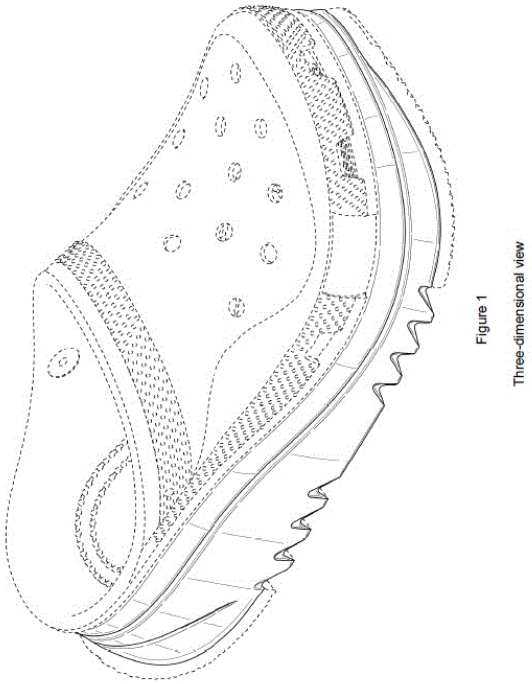


Figure 1

Three-dimensional view

21: A2022/01416 22: 2022-11-09 23:
43: 2022-05-10
52: Class 12 24: Part A
71: Bayerische Motoren Werke Aktiengesellschaft
33: DE 31: 402022100390.0 32: 2022-05-10
54: MOTOR VEHICLES
57: The design is for a motor vehicle in the form of a two-door coupe. A centrally disposed elongated opening is provided in a front bumper. A pair of square-shaped air inlets are provided on either side of the elongate opening. A grille is provided above the elongate opening. A pair of spaced apart rectangular shaped eyes, each having a slanted side edge, provide a frame for the grille. Substantially teardrop-shaped headlights are disposed on either side of the motor vehicle. A rearwardly inclined rear window extends between a roof and a substantially horizontal hatch. A minor spoiler protrudes from a rear edge of the hatch. A pair of exhaust pipes are provided on either side of a diffuser. The rear has a pair of L-shaped LED lights on either side. Vertically arranged side pods holding light clusters are provided on either side of the rear of the motor vehicle.

Figure 1

Three-dimensional view

21: A2022/01421 22: 2022-11-10 23:
43: 2022-05-12
52: Class 24 24: Part A
71: Milestone Scientific, Inc.
33: US 31: 29/838,365 32: 2022-05-12
54: MEDICAL APPARATUS
57: This device is a drive unit that controls anesthetic drug administration for dental injections. It controls the rate and pressure at which a dental injection is performed. It is used by dental professionals to perform dental injections to produce local anesthesia.

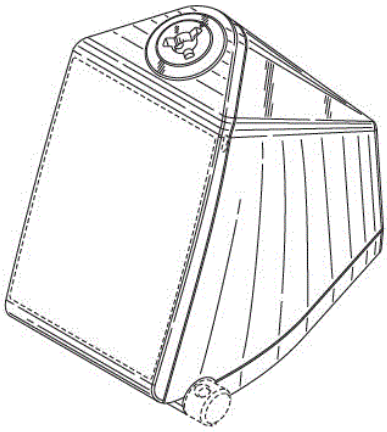


Figure 1

Three-dimensional view

21: A2022/01422 22: 2022-11-10 23:
43: 2022-05-12
52: Class 24 24: Part A
71: Milestone Scientific, Inc.
33: US 31: 29/838,366 32: 2022-05-12
54: MEDICAL APPARATUS
57: This device is a dental cartridge holder with in-line pressure sensor used for the administration of dental injections. It is used in conjunction with a dental drive unit to control the rate and pressure at which a dental injection is performed. It is used by dental professionals to perform dental injections to produce local anesthesia.

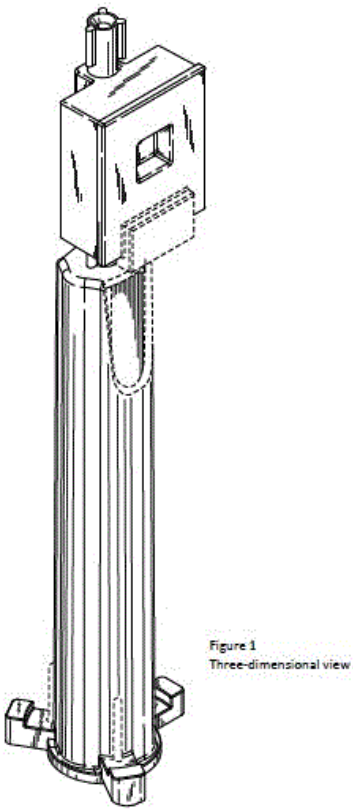


Figure 1
Three-dimensional view

21: A2022/01424 22: 2022-11-10 23:
43: 2022-05-12
52: Class 24 24: Part A
71: Milestone Scientific, Inc.
33: US 31: 29/838,368 32: 2022-05-12
54: MEDICAL APPARATUS
57: This device is a dental cartridge holder used for the administration of dental injections. It is used in conjunction with a dental drive to perform a dental injection. It is used by dental professionals to perform dental injections to produce local anesthesia.

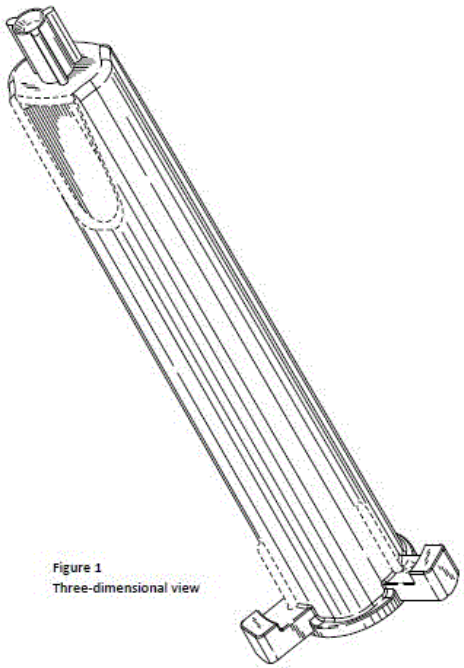
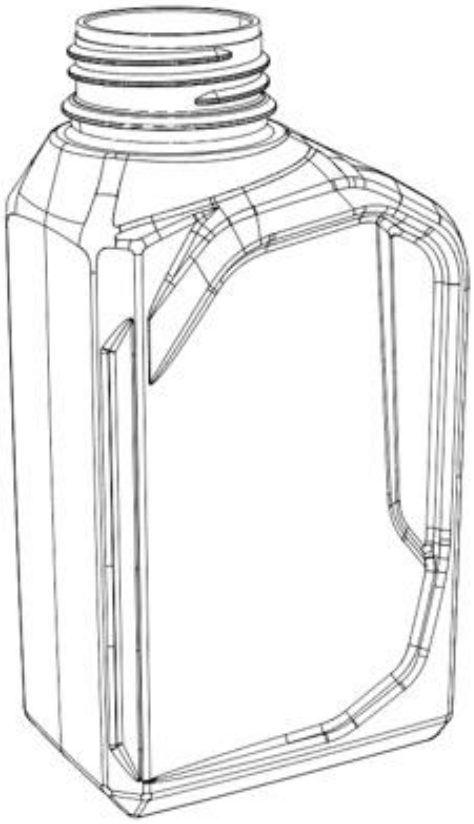


Figure 1
Three-dimensional view

21: A2022/01482 22: 2022-11-16 23:
43: 2023-07-10
52: Class 23 24: Part A
71: BLUESUN CONSUMER BRANDS, S.L.
33: EU 31: 009027725-0004 32: 2022-05-17
54: DEODORANT HOLDER
57: The design is applied to sanitaryware and specifically to a container or holder to hold a deodorant or deodoriser. The shape and/or configuration and/or pattern and/or ornamentation of the deodorant container is illustrated in the accompanying representation(s).

21: A2022/01491 22: 2022-11-17 23:
43: 2023-08-14
52: Class 09 24: Part A
71: PETROLIAM NASIONAL BERHAD (PETRONAS)
33: MY 31: 22-E1037-0104 32: 2022-05-27
54: CONTAINER FOR LUBRICANTS
57: The design is in respect of a container designed to hold lubricants. More particularly, the container of the design is shaped and configured to hold a fluid volume of (0.5L). The fluid of interest to be containerised being a lubricant.

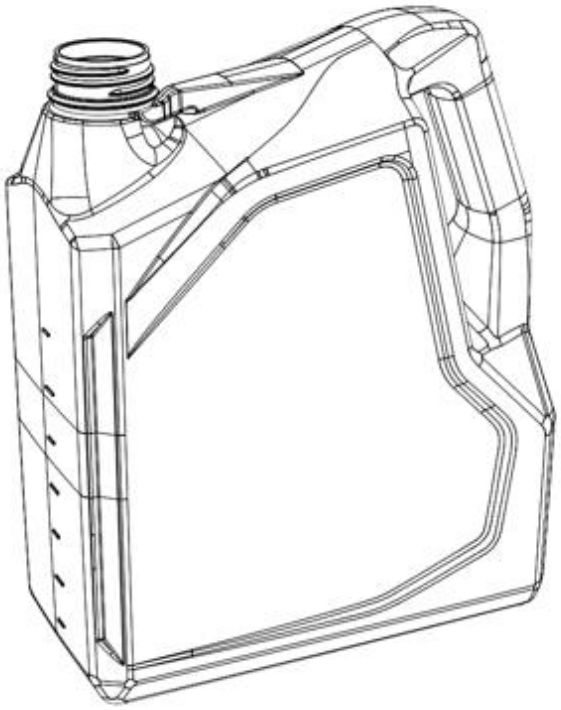


21: A2022/01493 22: 2022-11-17 23:
43: 2022-05-18
52: Class 2 24: Part A
71: Crocs, Inc.
33: US 31: 29/839,102 32: 2022-05-18
54: FOOTWEAR
57: The design is for footwear, in particular, a sandal, which has a sole having opposed top and bottom surfaces. The top surface curves gently upwardly towards a periphery thereof. A raised Y-shaped element is positioned at the front/toe portion of the top surface. A gently curved U-shaped strap element, which is formed integrally with the sidewalls, extends from each opposite sidewall and converges towards a toe end. A toe post extends between the strap and the sole. The bottom surface includes a plurality of contour shaped grooves, the grooves encroaching on the mid- to rear portions of the sidewalls.

Figure 1

Three-dimensional view

21: A2022/01496 22: 2022-11-17 23:
43: 2023-08-14
52: Class 09 24: Part A
71: PETROLIAM NASIONAL BERHAD (PETRONAS)
33: MY 31: 22-E1039-0304 32: 2022-05-27
54: CONTAINER FOR LUBRICANTS
57: The design is in respect of a container designed to hold lubricants. More particularly, the container of the design is shaped and configured to hold a fluid volume of (4 L). The fluid of interest to be containerised being a lubricant.



21: A2022/01517 22: 2022-11-23 23:
43: 2022-05-24
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/839,765 32: 2022-05-24
54: WING SHROUDS
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 wing shroud, also known as a wear member, which can be attached to a bucket for ground engaging machinery.

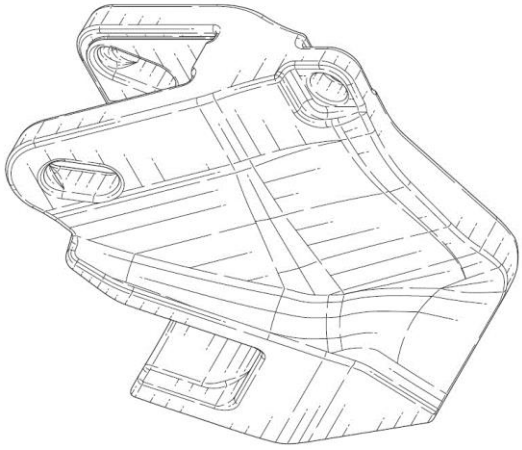


Figure 1

Three-dimensional view

21: A2022/01518 22: 2022-11-23 23:
43: 2022-05-24
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/839,765 32: 2022-05-24
54: WING SHROUDS
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 wing shroud, also known as a wear member, which can be attached to a bucket for ground engaging machinery.

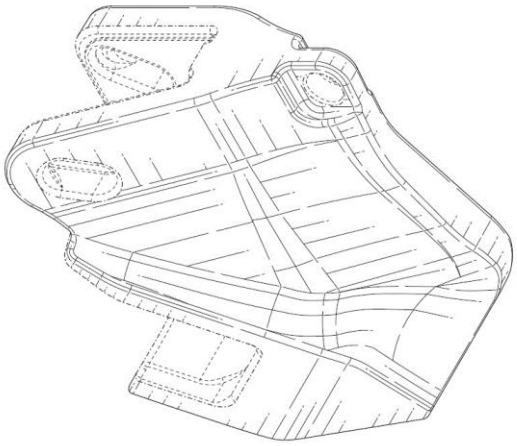


Figure 1

Three-dimensional view

21: A2022/01519 22: 2022-11-23 23:
43: 2022-05-24
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/839,765 32: 2022-05-24
54: WING SHROUDS
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 wing shroud, also known as a wear member, which can be attached to a bucket for ground engaging machinery.

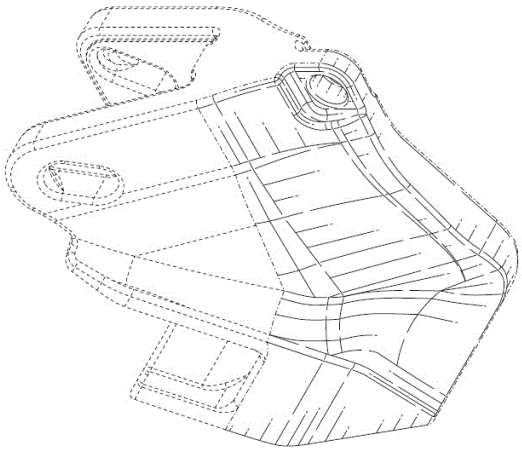


Figure 1

Three-dimensional view

21: A2022/01520 22: 2022-11-23 23:
43: 2022-05-24
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/839,765 32: 2022-05-24
54: WING SHROUDS
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 wing shroud, also known as a wear member, which can be attached to a bucket for ground engaging machinery.

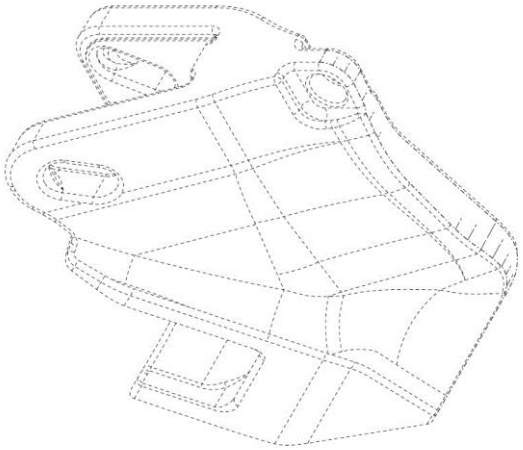


Figure 1

Three-dimensional view

21: A2022/01528 22: 2022-11-28 23:
43: 2022-11-28
52: Class 9 24: Part A
71: UNIVERSITY OF JOHANNESBURG
54: BOXES
57: The design is for a box substantially as illustrated in the drawings.

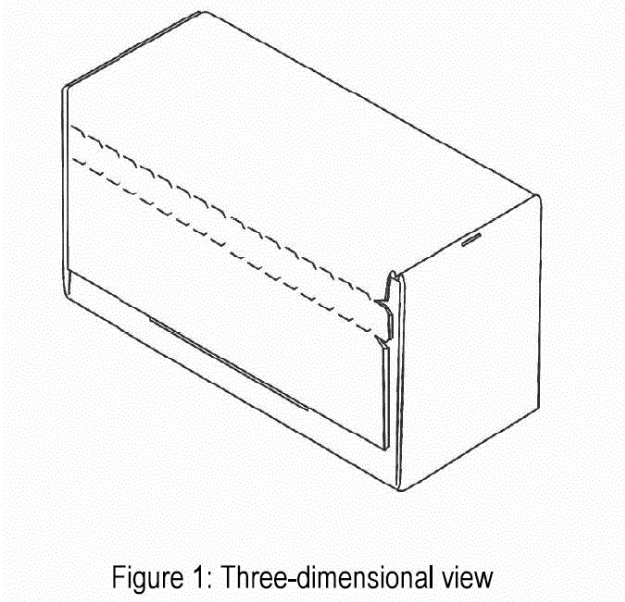


Figure 1: Three-dimensional view

21: A2022/01539 22: 2022-11-30 23:
43: 2022-05-30
52: Class 12 24: Part A
71: Alexander Dennis Limited
33: GB 31: 6211310 32: 2022-05-30
54: BUSES
57: The design is for a bus. A front of the bus has an upper portion which, when viewed from the side, is curved downwardly forwardly, a lower portion, which incorporates a windscreen and which is inclined rearwardly upwardly and an upwardly forwardly inclined intermediate portion extending between the upper and lower portions. A centrally disposed generally V-shaped grill is provided below the widscreen and is flanked by headlight clusters. A rear of the bus has an upper portion which is inclined downwardly and rearwardly away from a roof of the bus and a vertical portion which extends downwardly from the upper portion and which incorporates a rear window.

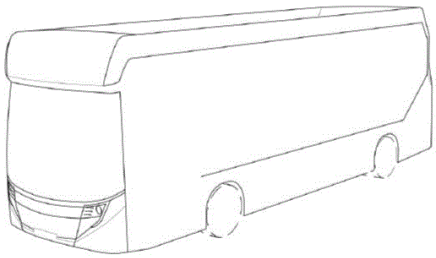


Figure 1

Three-dimensional view

21: A2022/01540 22: 2022-11-30 23:
43: 2022-05-30
52: Class 12 24: Part A
71: Alexander Dennis Limited
33: GB 31: 6211311 32: 2022-05-30
54: BUSES
57: The design is for a bus. A front of the bus has an upper portion which, when viewed from the side, is curved downwardly forwardly, includes a lower portion, which incorporates a windscreen, and which is inclined rearwardly upwardly and an upwardly forwardly inclined intermediate portion extending between the upper and lower portions. A centrally disposed generally V-shaped grill is provided below the windscreen and is flanked by headlight clusters. A rear of the bus has an upper portion which is inclined downwardly and rearwardly away from a roof of the bus and a vertical portion which extends downwardly from the upper portion, and which incorporates a rear window. A window extends along each side of the bus for virtually the whole length of the bus.

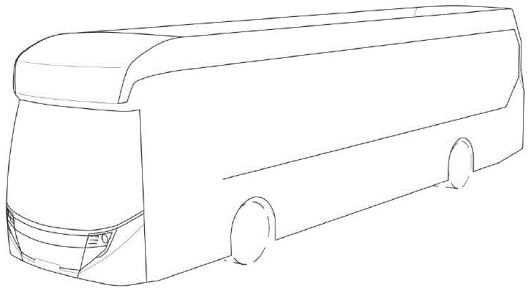


Figure 1

Three-dimensional view

21: A2022/01541 22: 2022-11-30 23:
43: 2022-05-30
52: Class 12 24: Part A
71: Alexander Dennis Limited
33: GB 31: 6211313 32: 2022-05-30
54: BUSES
57: The design is for a bus. A front of the bus has an upper portion which, when viewed from the side, is curved downwardly forwardly spanning approximately half the front area of the front of the bus, a lower portion, which incorporates a windscreen, and which is inclined rearwardly upwardly and an upwardly forwardly inclined intermediate portion extending between the upper and lower portions. A centrally disposed generally V-shaped grill is provided below the windscreen and is flanked by headlight clusters. A generally rectangular window is provided on and extends for almost the full length of each side of the bus. The window on the right-hand side of the bus has a front portion and a rear portion separated by an upwardly forwardly inclined panel. A rear of the bus has an upper portion which is inclined downwardly and rearwardly away from a roof of the bus and a vertical portion which extends downwardly from the upper portion, and which incorporates a rear window.

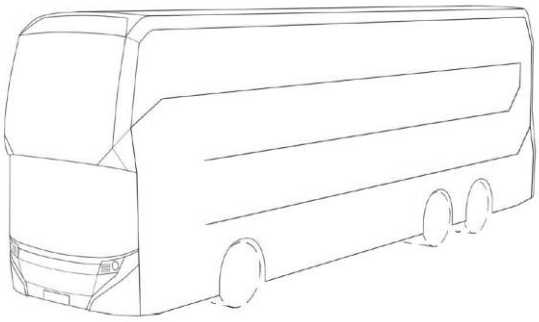
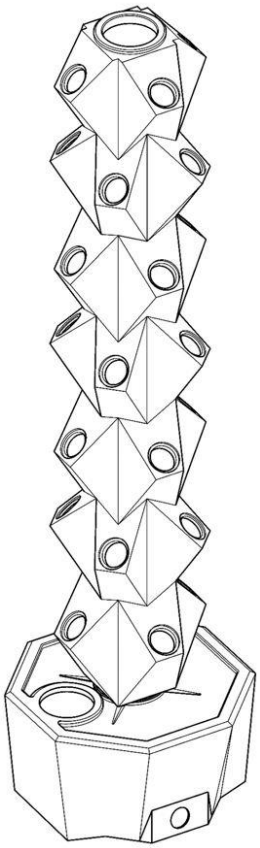


Figure 1

Three-dimensional view

21: A2022/01572 22: 2022-12-02 23: 2022-10-04
43: 2023-07-10
52: Class 09 24: Part A
71: AZTEC AGRI SYSTEMS PTY LTD
54: MODULAR HYDROPONIC TOWER
57: The design is applied to a modular hydroponic tower. 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 modular hydroponic tower, substantially as illustrated in the accompanying representation.



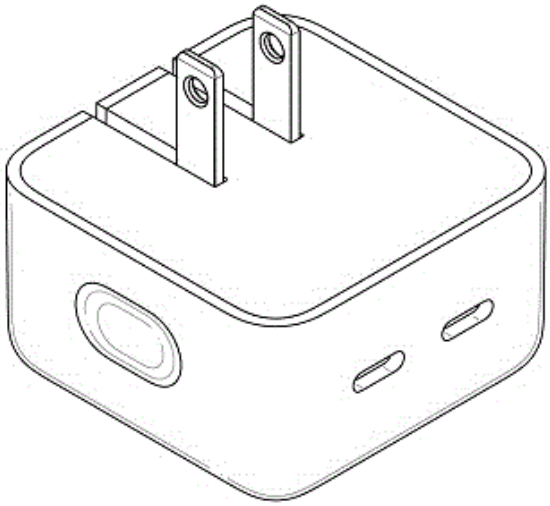
THREE-DIMENSIONAL VIEW

21: A2022/01574 22: 2022-12-05 23:
43: 2023-07-12
52: Class 12. 24: Part A
71: HONDA MOTOR CO., LTD.
33: JP 31: 2022-012453 32: 2022-06-10
54: Motorcycle
57: The design relates to a motorcycle. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

FIRST RIGHT SIDE PERSPECTIVE VIEW

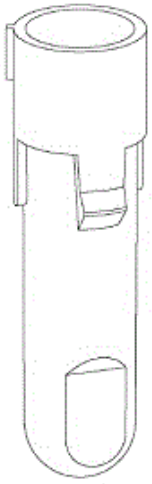
21: A2022/01576 22: 2022-12-05 23:
43: 2023-07-14
52: Class 12 24: Part A
71: VANESC0 (PTY) LTD
54: TROLLY
57: The novelty of the design resides in the shape and/or pattern and/or configuration and/or ornamentation of a trolley as shown in the accompanying drawings.

21: A2022/01579 22: 2022-12-06 23:
43: 2023-07-12
52: Class 13. 24: Part A
71: APPLE INC.
33: US 31: 29/841,467 32: 2022-06-06
54: Adapter
57: The design relates to an adapter. The features of the design are those of shape and/or configuration and/or ornamentation.



TOP FRONT PERSPECTIVE VIEW

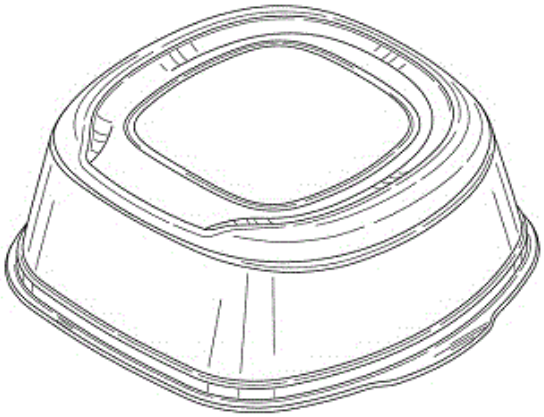
21: A2022/01586 22: 2022-12-08 23:
43: 2023-07-12
52: Class 24. 24: Part A
71: HITACHI HIGH-TECH CORPORATION
33: JP 31: 2022-012541 32: 2022-06-10
54: Cuvette
57: The design relates to a cuvette. The features of the design are those of shape and/or configuration.



PERSPECTIVE VIEW

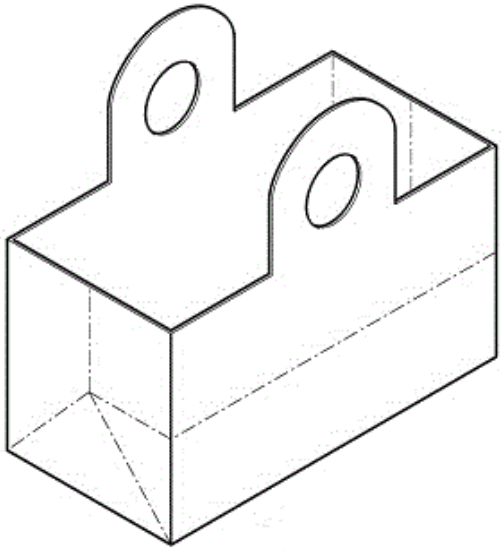
21: A2022/01587 22: 2022-12-08 23:
43: 2023-07-12
52: Class 7. 24: Part A
71: DART INDUSTRIES INC.
33: US 31: 29/846,340 32: 2022-07-15

54: Cover for a Food Dish
57: The design relates to a cover for a food dish. The features of the design are those of shape and/or configuration and/or ornamentation.



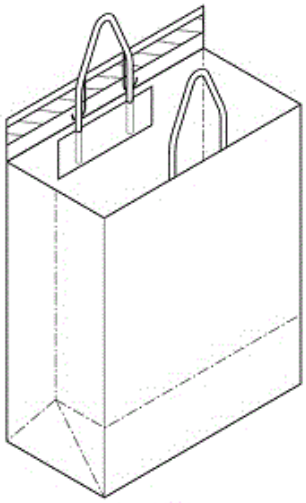
TOP, FRONT AND LEFT SIDE PERSPECTIVE VIEW

21: A2022/01597 22: 2022-12-09 23: 2022-11-25
43: 2023-07-12
52: Class 9. 24: Part A
71: DETPAK SOUTH AFRICA
54: Grape Bag
57: The design relates to a grape bag. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



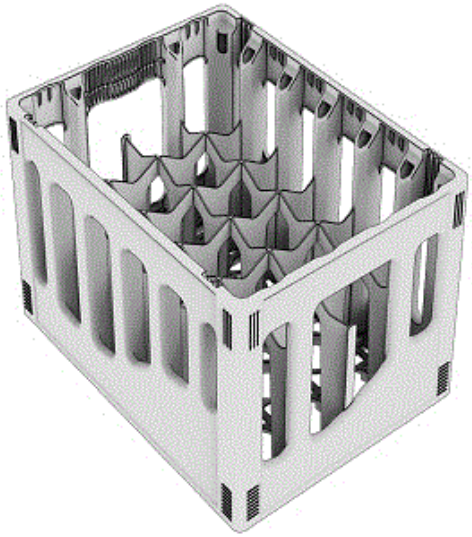
TOP PERSPECTIVE VIEW

21: A2022/01598 22: 2022-12-09 23: 2022-11-04
43: 2023-07-12
52: Class 9. 24: Part A
71: DETPAK SOUTH AFRICA
54: Sealable Bag
57: The design relates to a sealable bag. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



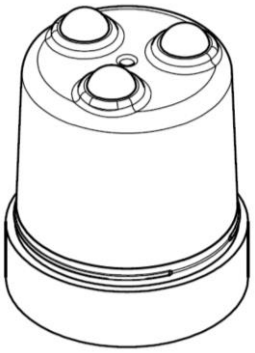
FRONT PERSPECTIVE VIEW (OPEN)

21: A2022/01613 22: 2022-12-12 23:
43: 2023-07-12
52: Class 9. 24: Part A
71: SCHOELLER ALLIBERT GMBH
54: Bottle Crate
57: The design relates to a bottle crate. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



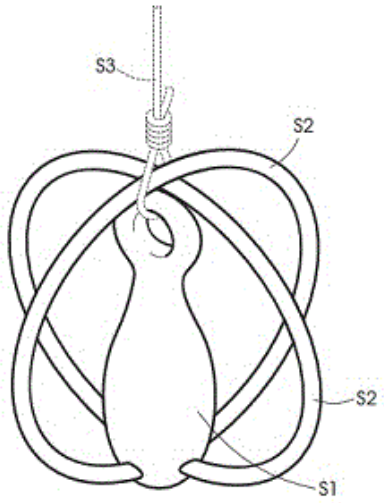
PERSPECTIVE VIEW

21: A2022/01617 22: 2022-12-12 23:
43: 2023-07-14
52: Class 09 24: Part A
71: NU LIFE SCIENCES (PROPRIETARY) LIMITED
54: ROLLER APPLICATOR
57: The design relates to a roller applicator with a straight head and three rollers. The features of the design are those of pattern and/or shape and/or configuration and/or ornamentation.



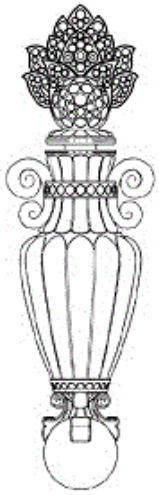
21: A2022/01618 22: 2022-12-12 23:
43: 2023-07-14
52: Class 09 24: Part A
71: NU LIFE SCIENCES (PROPRIETARY) LIMITED
54: ROLLER APPLICATOR
57: The design relates to a roller applicator with a straight head and five rollers. The features of the design are those of pattern and/or shape and/or configuration and/or ornamentation.

21: A2022/01620 22: 2022-12-13 23:
43: 2023-07-12
52: Class 22. 24: Part A
71: VAN DER MERWE, HERMANUS PIETER
54: Fishing Sinker
57: The design relates to a fishing sinker. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



PERSPECTIVE VIEW IN USE

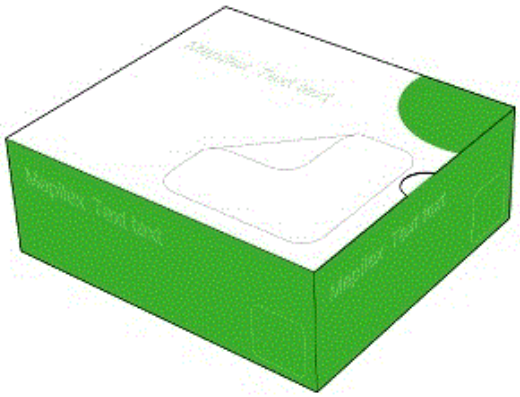
21: A2022/01646 22: 2022-12-15 23:
43: 2023-07-12
52: Class 9. 24: Part A
71: MAISON PSYCHÉ
33: EM 31: 009075336-0001 32: 2022-07-01
54: Perfume Bottle
57: The design relates to a perfume bottle. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



FRONT VIEW

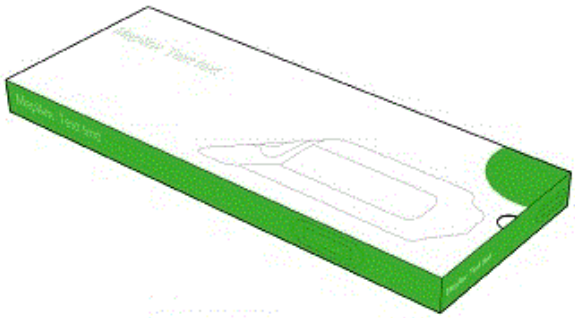
21: A2022/01647 22: 2022-12-15 23:
43: 2023-07-12
52: Class 9. 24: Part A
71: MÖLNLYCKE HEALTH CARE AB

33: EM 31: 009064264-0001 32: 2022-06-20
54: Packaging Carton
57: The design relates to a packaging carton. The features of the design are those of shape and/or configuration and/or ornamentation.



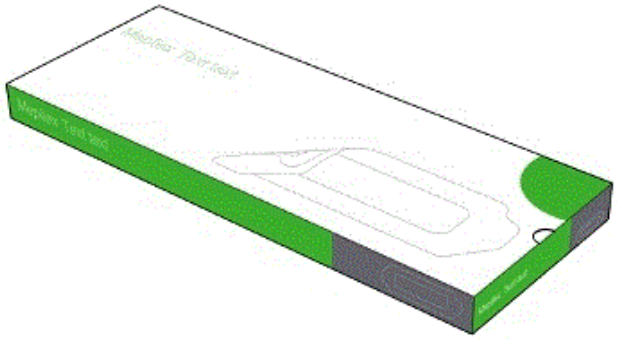
TOP PERSPECTIVE VIEW

21: A2022/01648 22: 2022-12-15 23:
43: 2023-07-10
52: Class 9. 24: Part A
71: MÖLNLYCKE HEALTH CARE AB
33: EM 31: 009064264-0005 32: 2022-06-20
54: Packaging Carton
57: The design relates to a packaging carton. The features of the design are those of shape and/or configuration and/or ornamentation.



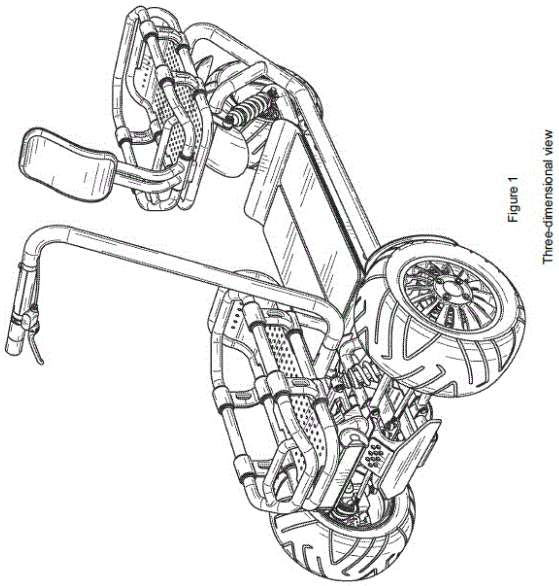
TOP PERSPECTIVE VIEW

21: A2022/01649 22: 2022-12-15 23:
43: 2023-07-12
52: Class 9. 24: Part A
71: MÖLNLYCKE HEALTH CARE AB
33: EM 31: 009064264-0007 32: 2022-06-20
54: Packaging Carton
57: The design relates to a packaging carton. The features of the design are those of shape and/or configuration and/or ornamentation.

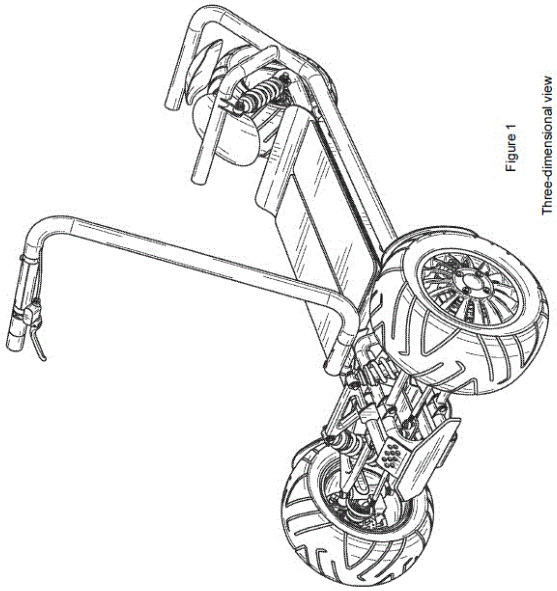


TOP PERSPECTIVE VIEW

21: A2022/01656 22: 2022-12-15 23:
43: 2022-06-16
52: Class 12 24: Part A
71: NantMobility, LLC
33: US 31: 29/842,917 32: 2022-06-16
54: PERSONAL TRANSPORT VEHICLES
57: The design is for a personal transport vehicle, in particular a scooter, as shown in the drawings. The scooter includes two front wheels, one rear wheel, and a deck/grip stand extending between the front and rear wheels. The scooter has a front support rack, a rear support rack and a back support extending from the rear support rack. A C-shaped handlebar extension projects upwardly from the two front wheels for steering the scooter.



21: A2022/01657 22: 2022-12-15 23:
43: 2022-06-16
52: Class 12 24: Part A
71: NantMobility, LLC
33: US 31: 29/842,917 32: 2022-06-16
54: PERSONAL TRANSPORT VEHICLES
57: The design is for a personal transport vehicle, in particular a scooter, as shown in the drawings. The scooter includes two front wheels, one rear wheel, and a deck/grip stand extending between the front and rear wheels. A C-shaped handlebar extension projects upwardly from the two front wheels for steering the scooter.



21: A2022/01674 22: 2022-12-20 23:
43: 2023-08-14
52: Class 02 24: Part A
71: RORSCHACH INNOVATION SERVICES (PTY) LTD
54: SHOULDER PAD
57: The design is applied to a shoulder pad. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of the shoulder pad, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.

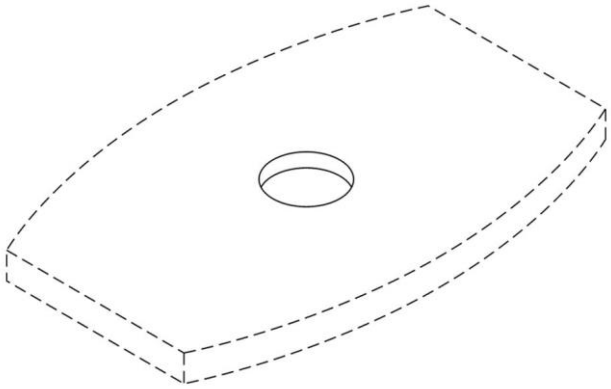
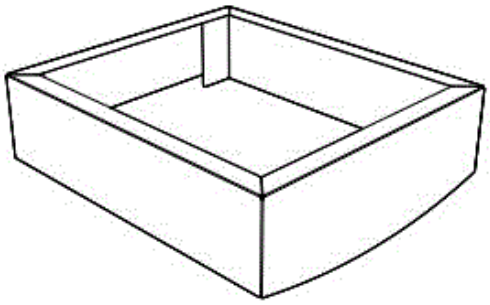


FIG. 2: BOTTOM THREE-DIMENSIONAL VIEW

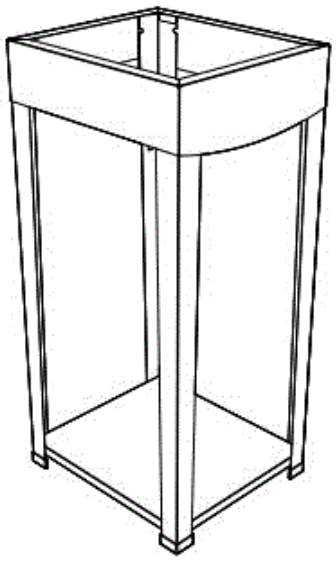
21: A2022/01678 22: 2022-12-22 23: 2022-07-03
43: 2023-08-14
52: Class 6 24: Part A
71: GAMALETSOS, Alexandros
54: MODULAR KITCHEN UNIT FRAME

57: The features of the design for which protection is claimed include the shape and/or configuration of a frame for a modular kitchen unit, substantially as illustrated in the accompanying representations. The components in broken lines are for illustrative purposes only and do not form part of the design



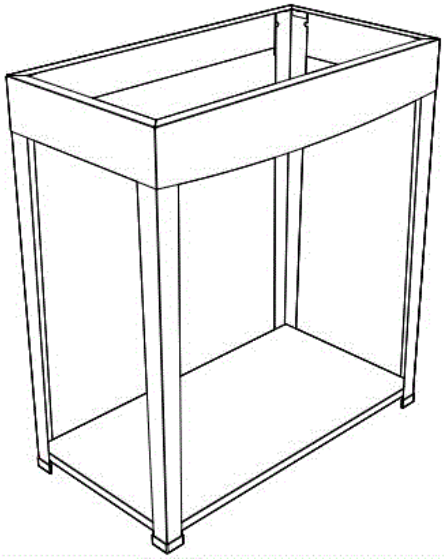
PERSPECTIVE VIEW

21: A2022/01681 22: 2022-12-22 23: 2022-07-03
43: 2023-08-14
52: Class 6 24: Part A
71: GAMALETSOS, Alexandros
54: MODULAR KITCHEN UNIT
57: The features of the design for which protection is claimed include the shape and/or configuration of a modular kitchen unit, substantially as illustrated in the accompanying representations. The components shown in broken lines are for illustrative purposes only and do not form part of the design.

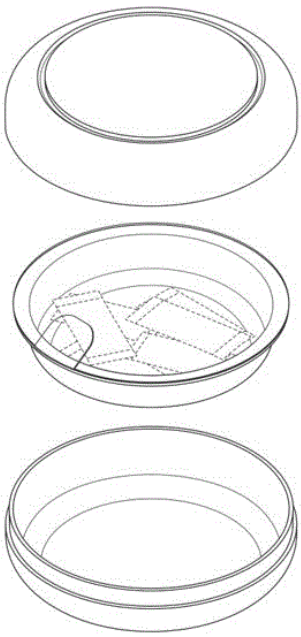


PERSPECTIVE VIEW

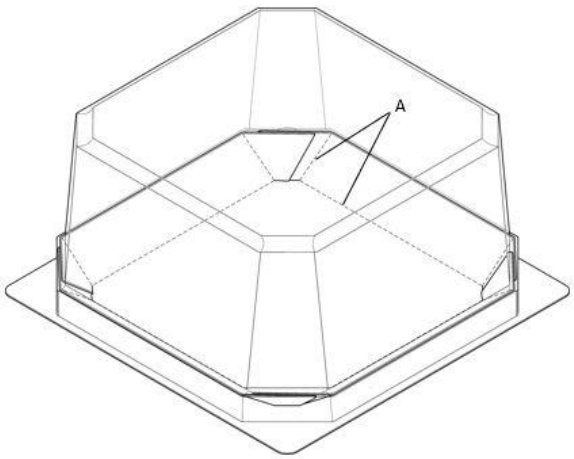
21: A2022/01683 22: 2022-12-22 23: 2022-07-03
43: 2023-08-14
52: Class 6 24: Part A
71: GAMALETSOS, Alexandros
54: MODULAR KITCHEN UNIT
57: The features of the design for which protection is claimed include the shape and/or configuration of a modular kitchen unit, substantially as illustrated in the accompanying representations. The components shown in broken lines are for illustrative purposes only and do not form part of the design.



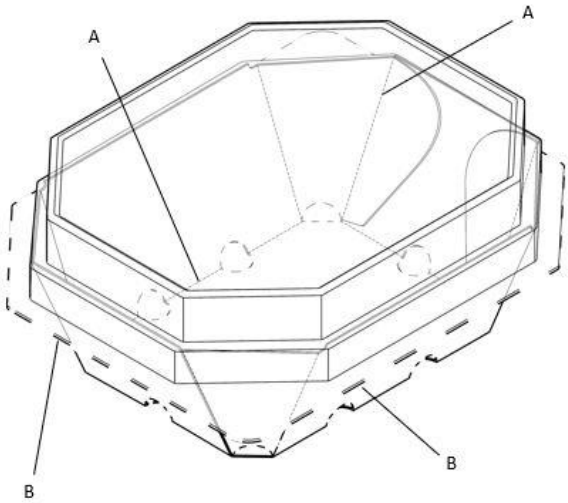
21: A2022/01689 22: 2022-12-22 23:
43: 2023-08-14
52: Class 27 24: Part A
71: PHILIP MORRIS PRODUCTS S.A.
33: EU 31: 009071939-0016 32: 2022-06-27
54: SNUS CAN
57: The design is to be applied to a snus can. The features for which protection is claimed are those of shape and/or configuration, substantially as shown in the representations.



21: A2023/00001 22: 2023-01-03 23: 2022-08-28
43: 2023-08-14
52: Class 09 24: Part A
71: GRAND PLASTICS (PTY) LTD
54: A PACKAGING CONTAINER
57: The design is applied to a packaging container. 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 packaging container, substantially as illustrated in the accompanying representation. Features of fold lines (A) shown in broken lines do not form part of the design and are disclaimed.



21: A2023/00003 22: 2023-01-03 23: 2022-11-24
43: 2023-08-14
52: Class 09 24: Part A
71: GRAND PLASTICS (PTY) LTD
54: A PACKAGING CONTAINER
57: The design is applied to a packaging container. 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 packaging container, substantially as illustrated in the accompanying representation. Features of fold lines (A) shown in broken lines do not form part of the design and are disclaimed. Features of a rim (B) shown in broken lines do not form part of the design and are disclaimed.



21: A2023/00007 22: 2023-01-03 23:
43: 2023-08-14
52: Class 02 24: Part A
71: NEWTON, John Stuart
33: US 31: 29844915 32: 2022-07-01
54: BOOT
57: The design is applied to a boot. 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 boot, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.

FIG. 8
PERSPECTIVE VIEW IN A
FOLDED CONFIGURATION

21: A2023/00008 22: 2023-01-03 23:
43: 2023-08-14
52: Class 02 24: Part A
71: NEWTON, John Stuart
33: US 31: 29844915 32: 2022-07-01
54: A PAIR OF SOLES
57: The design is applied to a pair of soles. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of the pair of soles, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.

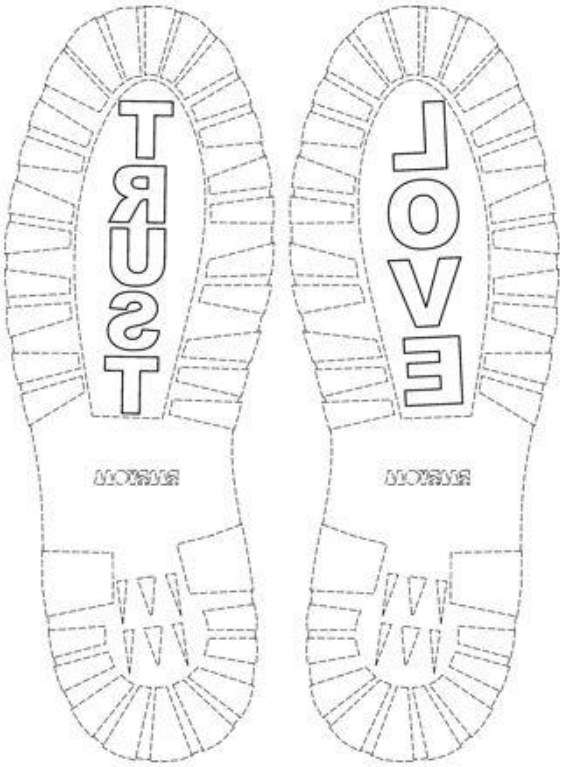


FIG. 9
BOTTOM VIEW OF A PAIR OF
SOLES

21: A2023/00009 22: 2023-01-03 23:
43: 2023-08-14
52: Class 02 24: Part A
71: NEWTON, John Stuart
33: US 31: 29844915 32: 2022-07-01
54: A PAIR OF SOLES
57: The design is applied to a pair of soles. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of the pair of soles, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.

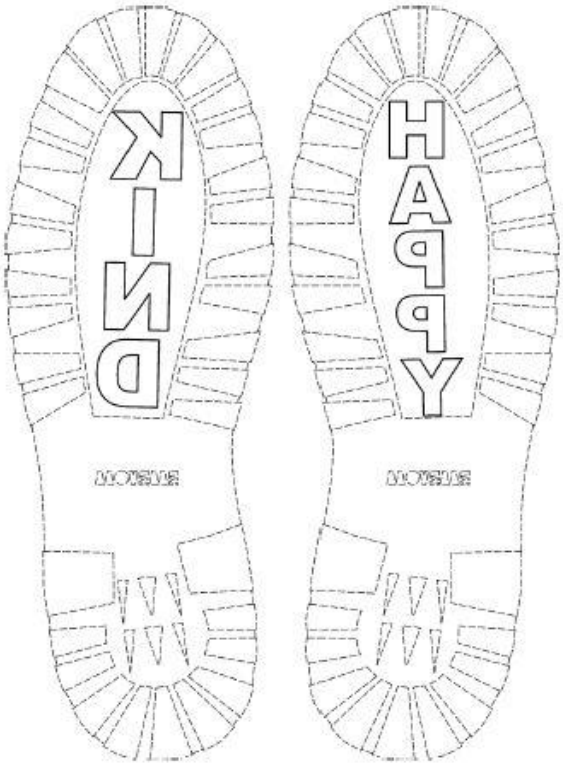


FIG. 9
BOTTOM VIEW OF A PAIR OF SOLES

21: A2023/00010 22: 2023-01-03 23:
43: 2023-08-14
52: Class 02 24: Part A
71: NEWTON, John Stuart
33: US 31: 29844915 32: 2022-07-01
54: A PAIR OF SOLES
57: The design is applied to a pair of soles. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of the pair of soles, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.

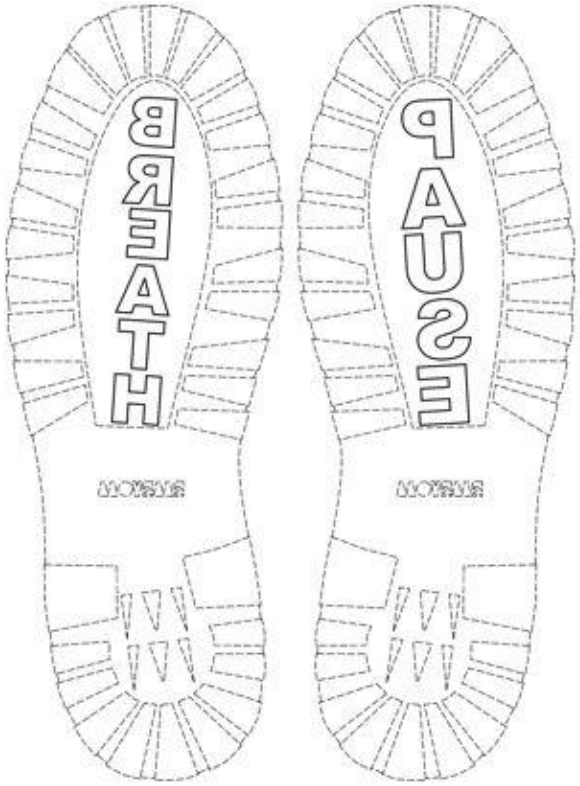


FIG. 9
BOTTOM VIEW OF A PAIR OF SOLES

21: A2023/00011 22: 2023-01-03 23:
43: 2023-08-14
52: Class 05 24: Part A
71: NEWTON, John Stuart
33: US 31: 29844915 32: 2022-07-01
54: TEXTILE
57: The design is applied to a textile. The features of the design for which protection is claimed are those of the pattern and/or ornamentation of the textile, substantially as illustrated in the accompanying representations.

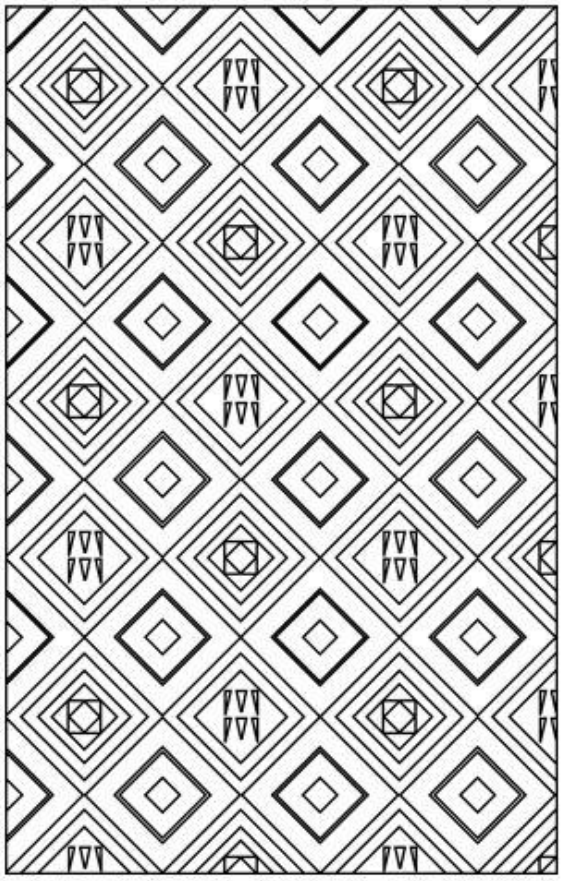
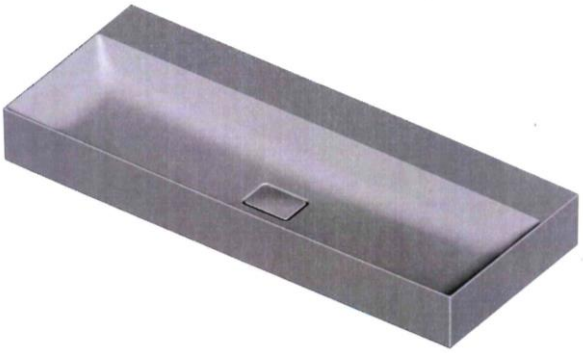


FIG. 1
PLAN VIEW OF A
TEXTILE

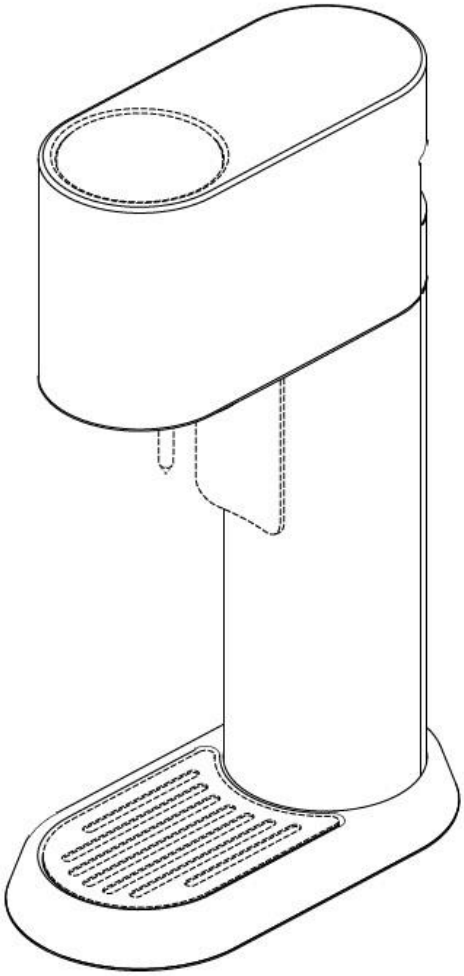
21: A2023/00074 22: 2023-01-16 23:
43: 2023-08-14
52: Class 23 24: Part A
71: HANSGROHE SE
33: EU 31: 009099617-0001 32: 2022-07-27
54: WASHBASIN
57: The novelty of the design resides in the shape or configuration of a washbasin substantially as shown in the accompanying representation.

21: A2023/00075 22: 2023-01-16 23:
43: 2023-08-14
52: Class 23 24: Part A
71: HANSGROHE SE
33: EU 31: 009099617-0003 32: 2022-07-27
54: WASHBASIN
57: The novelty of the design resides in the shape or configuration of a washbasin substantially as shown in the accompanying representation.

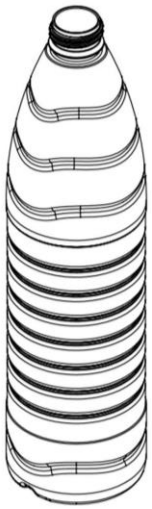
21: A2023/00076 22: 2023-01-16 23:
43: 2023-08-14
52: Class 23 24: Part A
71: HANSGROHE SE
33: EU 31: 009099617-0005 32: 2022-07-27
54: WASHBASIN
57: The novelty of the design resides in the shape or configuration of a washbasin substantially as shown in the accompanying representation.



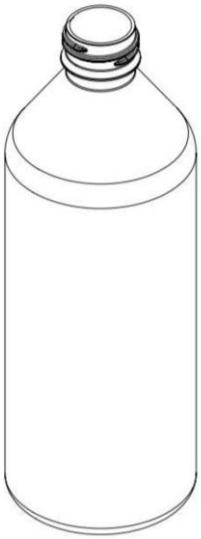
21: A2023/00169 22: 2023-02-08 23:
43: 2023-09-05
52: Class 31 24: Part A
71: SODASTREAM INDUSTRIES LTD.
33: IL 31: 69209 32: 2022-08-16
54: DOMESTIC SODA-WATER PREPARING DEVICE
57: The design is for a domestic soda-water preparing device as shown in the representations.



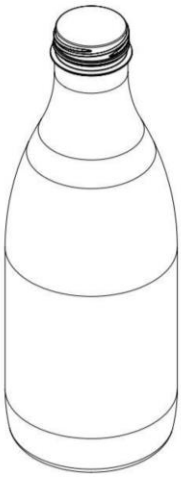
21: A2023/00287 22: 2023-02-27 23: 2022-10-01
43: 2023-09-12
52: Class 09 24: Part A
71: Mpact Limited
54: BOTTLE
57: The novelty of this design resides in the shape, configuration and ornamentation of a BOTTLE substantially as shown in the drawings.



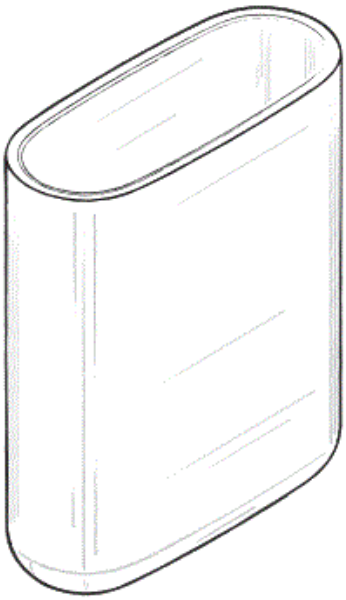
21: A2023/00288 22: 2023-02-27 23:
43: 2023-09-12
52: Class 09 24: Part A
71: Mpact Limited
54: BOTTLE
57: The novelty of this design resides in the shape, configuration and ornamentation of a BOTTLE substantially as shown in the drawings.



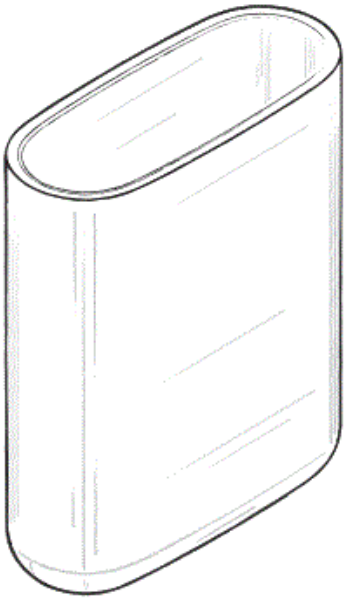
21: A2023/00289 22: 2023-02-27 23: 2022-09-01
43: 2023-09-12
52: Class 09 24: Part A
71: Mpact Limited
54: BEVERAGE BOTTLE
57: The novelty of this design resides in the shape, configuration and ornamentation of a BEVERAGE BOTTLE substantially as shown in the drawings.



21: A2023/00788 22: 2023-07-13 23:
43: 2023-08-23
52: Class 13 24: Part A
71: Flawless Technology Group (Pty) Ltd
54: SMOKING DEVICE LOWER BODY WITH BATTERY
57: The design relates to a SMOKING DEVICE LOWER BODY WITH BATTERY. The features of the design are those of shape and/or configuration.

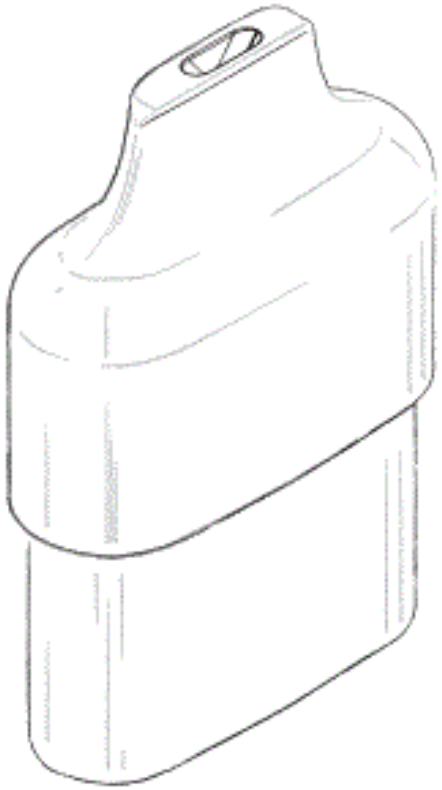


21: A2023/00789 22: 2023-07-13 23:
43: 2023-08-23
52: Class 27 24: Part A
71: Flawless Technology Group (Pty) Ltd
54: SMOKING DEVICE LOWER BODY WITH BATTERY
57: The design relates to a SMOKING DEVICE LOWER BODY WITH BATTERY. The features of the design are those of shape and/or configuration.

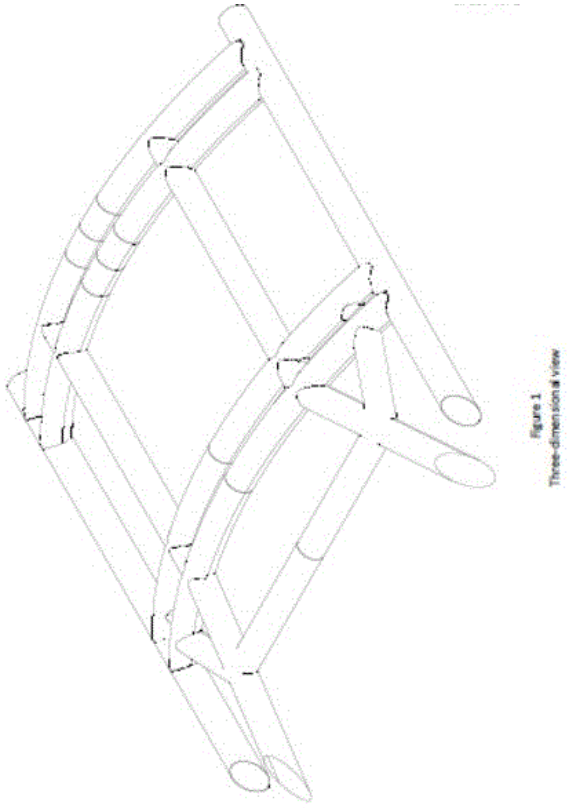


21: A2023/00790 22: 2023-07-13 23:
43: 2023-08-23
52: Class 27 24: Part A
71: Flawless Technology Group (Pty) Ltd

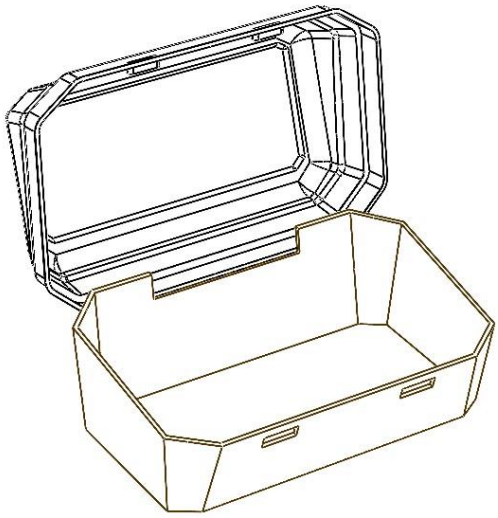
54: SMOKING DEVICE UPPER BODY
57: The design relates to a SMOKING DEVICE UPPER BODY. The features of the design are those of shape and/or configuration.



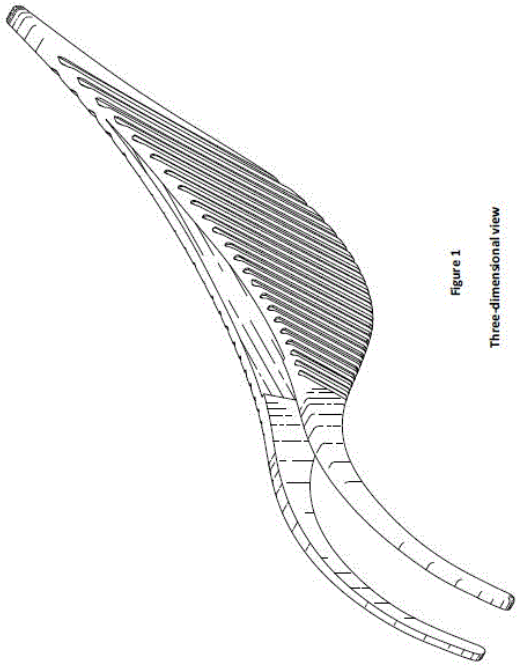
21: F2021/00272 22: 2021-03-18 23:
43: 2020-09-18
52: Class 12 24: Part F
71: Safety Engineering International, LLC
33: US 31: 29/751,216 32: 2020-09-18
54: VEHICLE PROTECTION DEVICES
57: The design is for a vehicle protection device and in particular a roll over protection (ROP) device comprising a pair of spaced-apart cylindrical side elements between which two pairs of closely-spaced arcuate convexly-curved hoop elements extend, a first pair towards a first end of the side elements and a second pair two-thirds away from the first pair. A pair of spaced-apart elements extend laterally from the first pair of hoop elements to the second pair. A pair of spaced-apart Y-shaped support elements project forwardly from the second pair of hoop elements, the elements joined at a mid-point by a lateral cross bar.



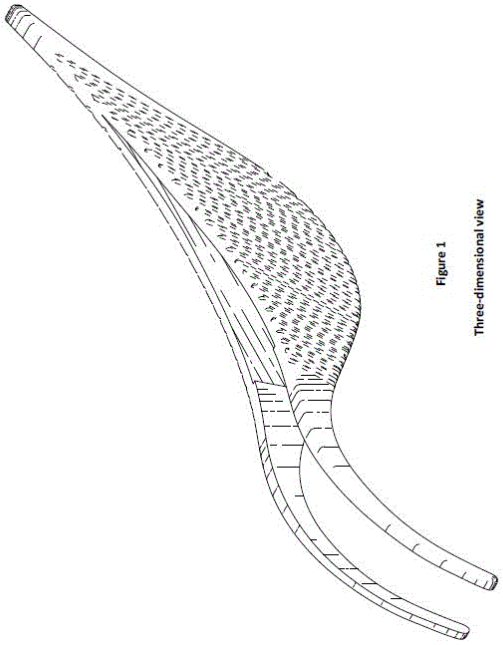
21: F2021/01558 22: 2021-12-22 23:
43: 2023-08-14
52: Class 09 24: Part F
71: APL CARTONS (PTY) LTD, GRAND PLASTICS (PTY) LTD
54: CONTAINER
57: The design is for a container comprising an opaque rectangular bottom or punnet, with a hinged, transparent lid and the bottom is lower at its front than its rear, while the lid is higher at its front than its rear.



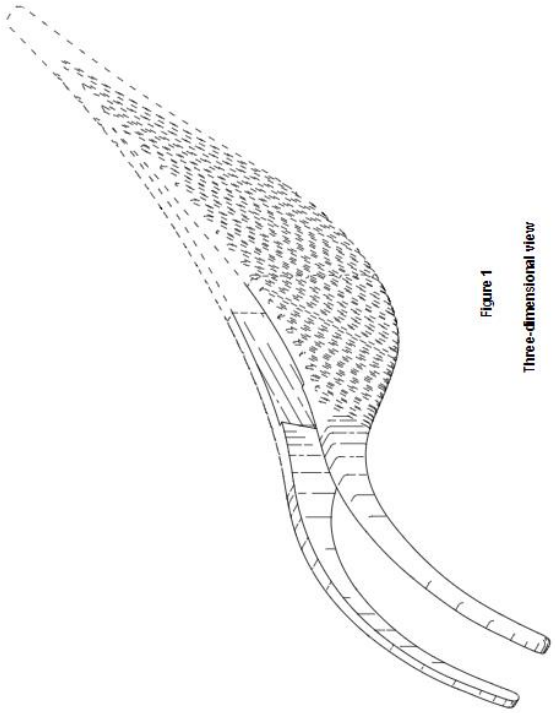
21: F2022/00955 22: 2022-08-17 23:
43: 2022-07-20
52: Class 28 24: Part F
71: Lashify, Inc.
33: US 31: 29/846,970 32: 2022-07-20
54: TWEEZERS AND APPLICATORS
57: The design is for a tweezer and applicator comprising a pair of spaced-apart elongate S-shaped arms attached at a first end portion and each having a free curved end. A bottom surface of each arm curves convexly downwardly from the first end portion and curves deeply past an inflection point to a wide concavely curved main portion toward the free end. An outer surface of the main portion includes a gripping surface comprising an arrangement of inclined spaced-apart formations. An inner surface of each arm curves gently from the free end and defines a lip at the main portion.



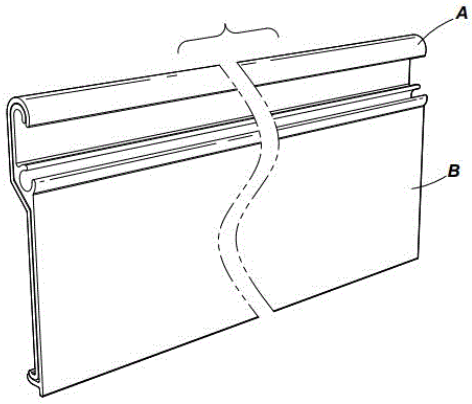
21: F2022/00956 22: 2022-08-17 23:
43: 2022-07-20
52: Class 28 24: Part F
71: Lashify, Inc.
33: US 31: 29/846,970 32: 2022-07-20
54: TWEEZERS AND APPLICATORS
57: The design is for a tweezer and applicator comprising a pair of spaced-apart elongate S-shaped arms attached at a first end portion and each having a free curved end. A bottom surface of each arm curves convexly downwardly from the first end portion and curves deeply past an inflection point to a wide concavely curved main portion toward the free end. An inner surface of each arm curves gently from the free end and defines a lip at the main portion.



21: F2022/00957 22: 2022-08-17 23:
43: 2022-07-20
52: Class 28 24: Part F
71: Lashify, Inc.
33: US 31: 29/846,970 32: 2022-07-20
54: TWEEZERS AND APPLICATORS
57: The design is for a tweezer and applicator comprising a pair of spaced-apart elongate S-shaped arms that each has a free curved end. A bottom surface of each arm curves towards the free end. An inner surface of each arm curves gently from the free end and defines a lip.

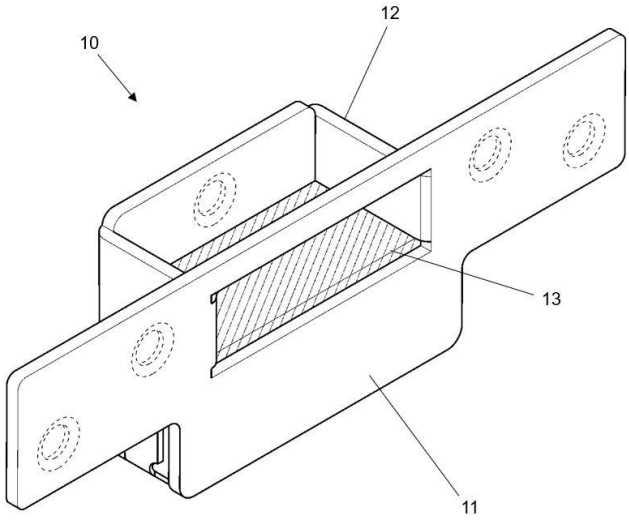


21: F2022/01176 22: 2022-10-03 23:
43: 2023-09-12
52: Class 20 24: Part F
71: VALUE LOGISTICS (PTY) LTD
54: BANNER FRAME SYSTEM
57: The design is applied to a banner frame system for mounting a banner on a vehicle body. The features of the design for which protection is claimed include the shape and/or configuration of the banner frame system substantially as illustrated in the accompanying drawings.



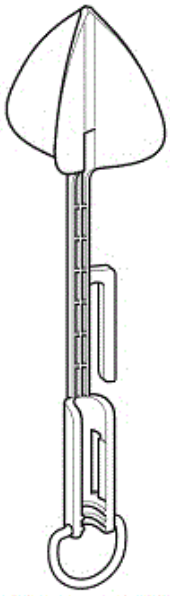
21: F2022/01343 22: 2022-10-24 23: 2022-10-17
43: 2023-08-14
52: Class 10 24: Part F

71: DE VILLIERS, Marius de Wet
54: LATCH STRIKE PLATE
57: The design is applied to a latch strike plate. The features of the design for which protection is claimed are those of the shape and/or configuration of the latch strike plate, substantially as illustrated in the accompanying representation.



THREE-DIMENSIONAL TOP VIEW

21: F2022/01524 22: 2022-11-24 23:
43: 2023-07-10
52: Class 8. 24: Part F
71: PLASTIC INNOVATIONS (PTY) LTD
54: A Detonator Holder
57: The design relates to a detonator holder. The features of the design are those of shape and/or configuration.



PERSPECTIVE VIEW

21: F2022/01529 22: 2022-11-28 23:
43: 2022-11-28
52: Class 9 24: Part F
71: UNIVERSITY OF JOHANNESBURG
54: BLANKS FOR BOXES
57: The design is for a blank for a box substantially as illustrated in the drawings.

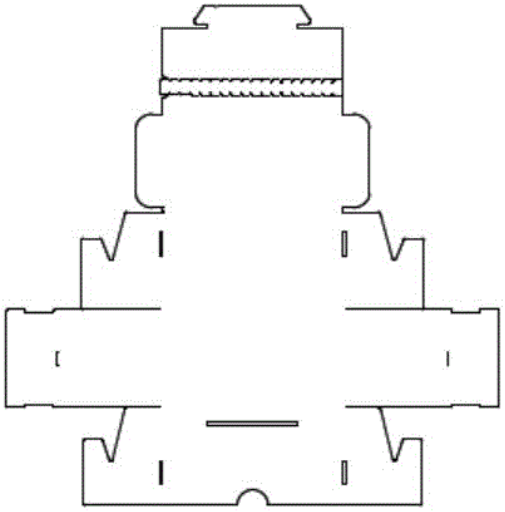
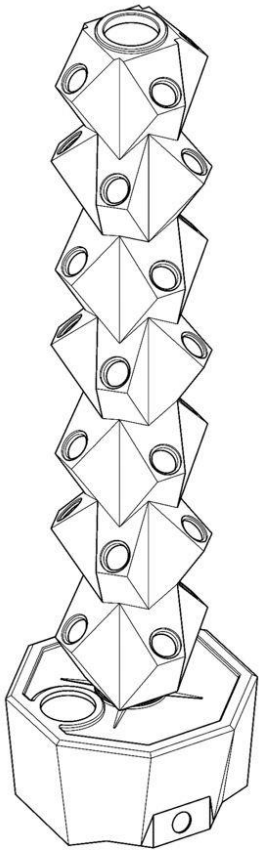


Figure 1: Plan view unfolded

21: F2022/01573 22: 2022-12-02 23: 2022-10-04
43: 2023-07-10
52: Class 09 24: Part F
71: AZTEC AGRI SYSTEMS PTY LTD

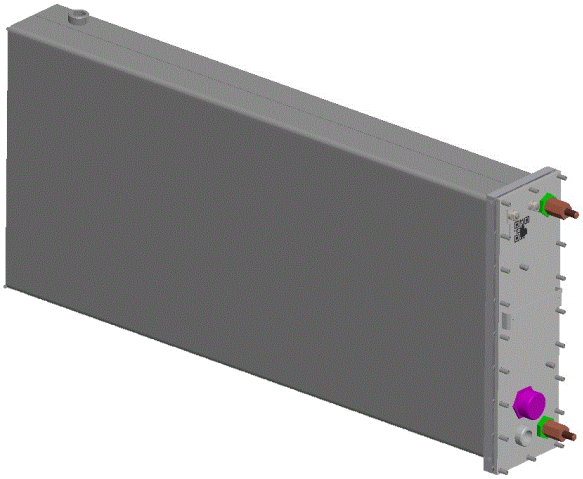
54: MODULAR HYDROPONIC TOWER
57: The design is applied to a modular hydroponic tower. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the modular hydroponic tower, substantially as illustrated in the accompanying representation.



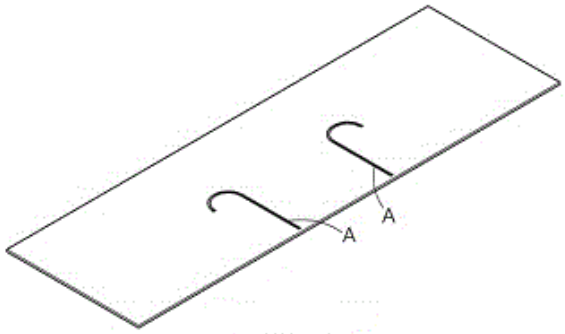
THREE-DIMENSIONAL VIEW

21: F2022/01575 22: 2022-12-05 23:
43: 2023-07-14
52: Class 12 24: Part F
71: VANESCO (PTY) LTD
54: TROLLEY
57: The novelty of the design resides in the shape and/or configuration of a trolley as shown in the accompanying drawings.

21: F2022/01580 22: 2022-12-07 23:
43: 2023-07-14
52: Class 13 24: Functional
71: SMT SCHARF AFRICA (PTY) LTD
54: BATTERY MODULE
57: The design is in respect of the shape and/or configuration of a battery module substantially as shown in the respresentations and having an outer housing into which is inserted the electrical components of the battery and which together form a module. The colours use on the drawings are for ease of identification of the components and do not limit the scope of the design which does not include any specific colours.

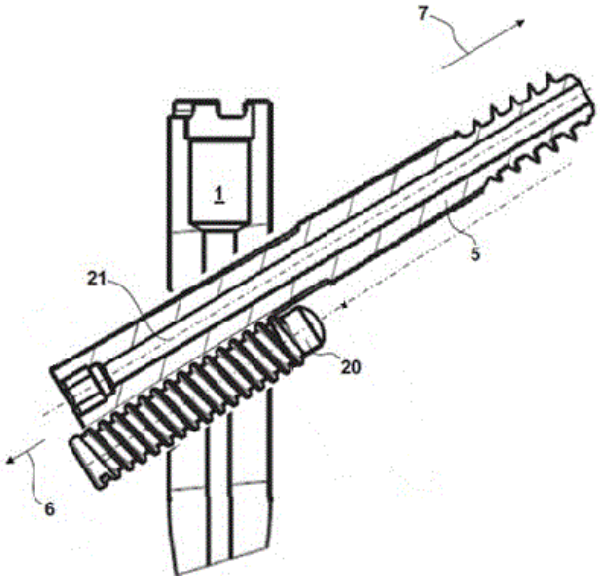


21: F2022/01599 22: 2022-12-09 23: 2022-11-04
43: 2023-07-12
52: Class 9. 24: Part F
71: DETPAK SOUTH AFRICA
54: Sealing Strip for Bag
57: The design relates to a sealing strip for a bag. The features of the design are those of shape and/or configuration.

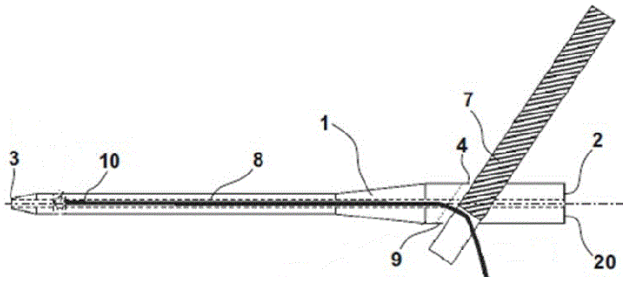


TOP PERSPECTIVE VIEW

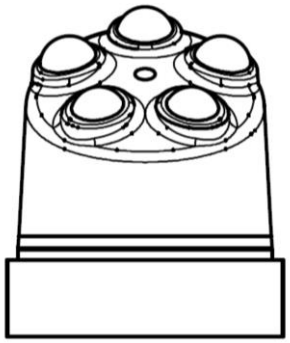
21: F2022/01619 22: 2022-12-13 23:
43: 2023-07-10
52: Class 24 24: Functional
71: I.T.S. GMBH
54: MEDICAL DEVICE
57: The design is in respect of a medical device as shown in the drawings, showing the overall appearance thereof.



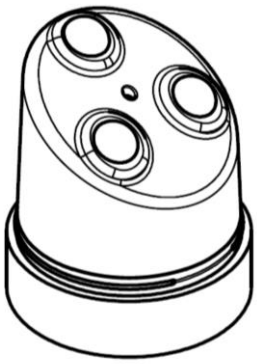
21: F2022/01621 22: 2022-12-13 23:
43: 2023-07-14
52: Class 24 24: Functional
71: MAG. AUF, Wolfgang
54: MEDICAL DEVICE
57: The design is in respect of a medical device as shown in the drawings, showing the overall appearance thereof.



21: F2022/01622 22: 2022-12-13 23:
43: 2023-07-14
52: Class 09 24: Part F
71: NU LIFE SCIENCES (PROPRIETARY) LIMITED
54: ROLLER APPLICATOR
57: The design relates to a roller applicator. The features of the design are those of pattern and/or shape and/or configuration.

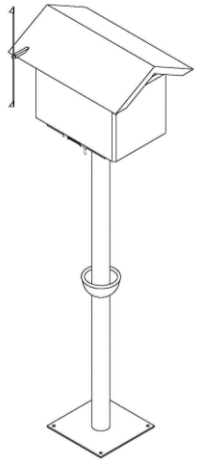


21: F2022/01623 22: 2022-12-13 23:
43: 2023-07-14
52: Class 09 24: Part F
71: NU LIFE SCIENCES (PROPRIETARY) LIMITED
54: ROLLER APPLICATOR
57: The design relates to a roller applicator. The features of the design are those of pattern and/or shape and/or configuration.



21: F2022/01636 22: 2022-12-14 23:
43: 2022-12-14

52: Class 7 24: Part F
71: KIRSTEN, Samuel John
54: FOOD STORAGE CONTAINERS
57: This invention relates to a food holder configured temporarily to hold food. The food holder includes a circular cylindrical pole, operatively secured to the ground by way of a planar, square mounting plate, and an insulated, generally rectangular cooler box which is pivotally attached to an upper end of the pole. The cooler box comprises a rectangular container base and a complementary planar lid which together define an inner cavity for receiving food therein. An overhanging, double-pitched roof has been provided over the lid as protection from the elements and doubles up as a handle to open the cooler box. A bowl-shaped insect trap circumvallates the pole, midway along a height of the pole. A content indicator in the form of a dual-ended flagpole is pivotally mounted to the roof to indicate when there is food in the food holder.



21: F2022/01675 22: 2022-12-20 23:
43: 2023-08-14
52: Class 02 24: Part F
71: RORSCHACH INNOVATION SERVICES (PTY) LTD
54: SHOULDER PAD
57: The design is applied to a shoulder pad. The features of the design for which protection is claimed are those of the shape and/or configuration of the shoulder pad, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.

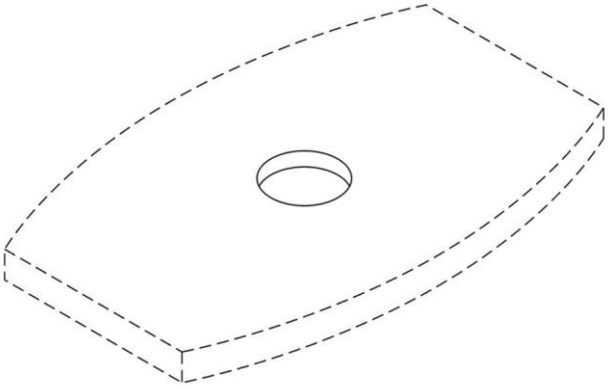
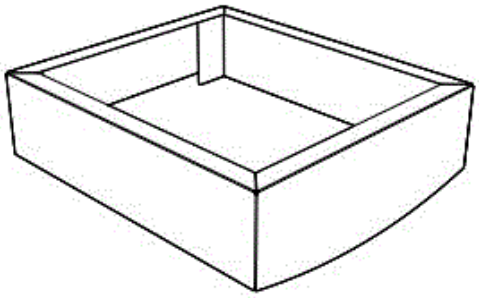


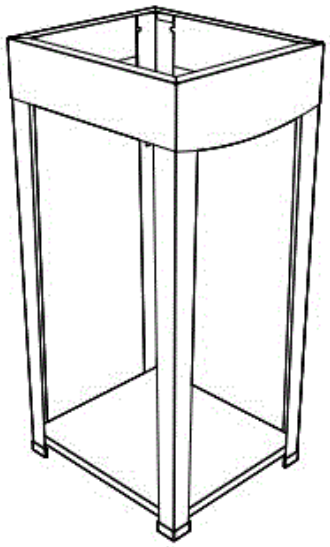
FIG. 2: BOTTOM THREE-DIMENSIONAL VIEW

21: F2022/01679 22: 2022-12-22 23: 2022-07-03
43: 2023-08-14
52: Class 06 24: Part F
71: GAMALETSOS, Alexandros
54: MODULAR KITCHEN UNIT FRAME
57: The features of the design for which protection is claimed include the shape and/or configuration of a frame for a modular kitchen unit, substantially as illustrated in the accompanying representations. The components in broken lines are for illustrative purposes only and do not form part of the design.



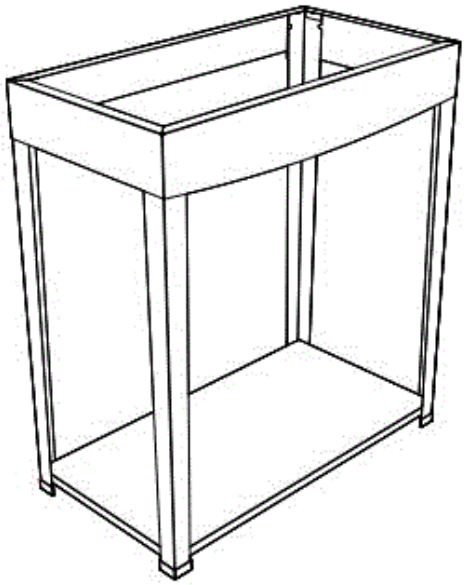
PERSPECTIVE VIEW

21: F2022/01680 22: 2022-12-22 23: 2022-07-03
43: 2023-08-14
52: Class 6 24: Part F
71: GAMALETSOS, Alexandros
54: MODULAR KITCHEN UNIT
57: The features of the design for which protection is claimed include the shape and/or configuration of a modular kitchen unit, substantially as illustrated in the accompanying representations. The components shown in broken lines are for illustrative purposes only and do not form part of the design.



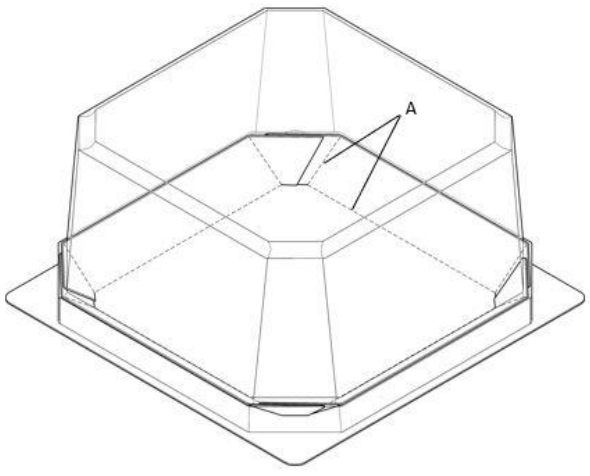
PERSPECTIVE VIEW

21: F2022/01682 22: 2022-12-22 23: 2022-07-03
43: 2023-09-12
52: Class 6 24: Part F
71: GAMALETSOS, Alexandros
54: MODULAR KITCHEN UNIT
57: The features of the design for which protection is claimed include the shape and/or configuration of a modular kitchen unit, substantially as illustrated in the accompanying representations. The components shown in broken lines are for illustrative purposes only and do not form part of the design.



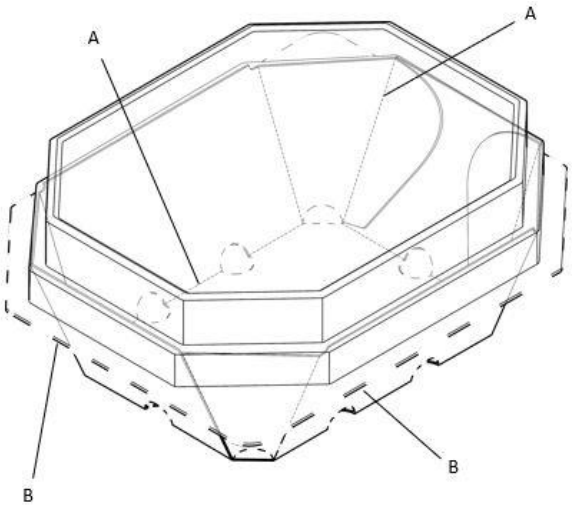
PERSPECTIVE VIEW

21: F2023/00002 22: 2023-01-03 23: 2022-08-28
43: 2023-08-14
52: Class 09 24: Part F
71: GRAND PLASTICS (PTY) LTD
54: A PACKAGING CONTAINER
57: The design is applied to a packaging container. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the packaging container, substantially as illustrated in the accompanying representation. Features of fold lines (A) shown in broken lines do not form part of the design and are disclaimed.

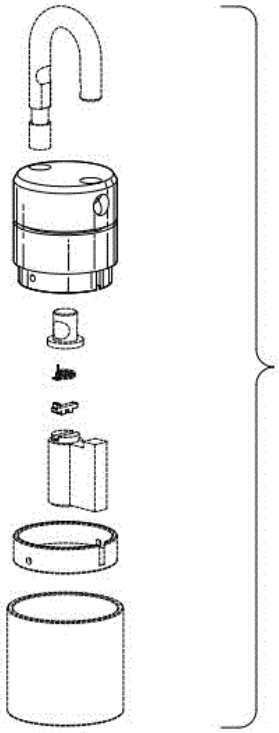


21: F2023/00004 22: 2023-01-03 23: 2022-11-24
43: 2023-08-14

52: Class 09 24: Part F
71: GRAND PLASTICS (PTY) LTD
54: A PACKAGING CONTAINER
57: The design is applied to a packaging container. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the packaging container, substantially as illustrated in the accompanying representation. Features of fold lines (A) shown in broken lines do not form part of the design and are disclaimed. Features of a rim (B) shown in broken lines do not form part of the design and are disclaimed.

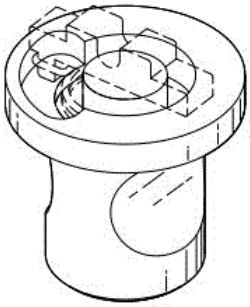


21: F2023/00131 22: 2023-01-30 23: 2022-08-01
43: 2023-08-14
52: Class 8 24: Part F
71: LOCKSECURE (PTY) LTD
54: PADLOCK BODY
57: The design relates to a body for a padlock as illustrated in the accompanying representations. The features of the design are those of shape and/or configuration and/or pattern.



EXPLODED VIEW OF ARTICLE
IN A TYPICAL ASSEMBLY

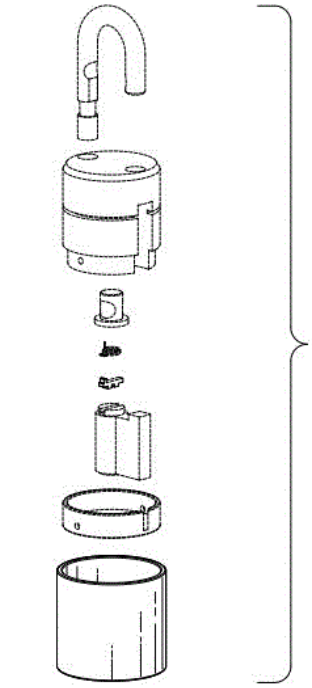
21: F2023/00132 22: 2023-01-30 23: 2022-08-01
43: 2023-08-14
52: Class 8 24: Part F
71: LOCKSECURE (PTY) LTD
54: CAM FOR PADLOCK
57: The design relates to a cam which is used in a locking assembly of a padlock as illustrated in the accompanying representations. The features of the design are those of shape and/or configuration and/or pattern.



PERSPECTIVE VIEW OF ARTICLE
IN A TYPICAL ASSEMBLY

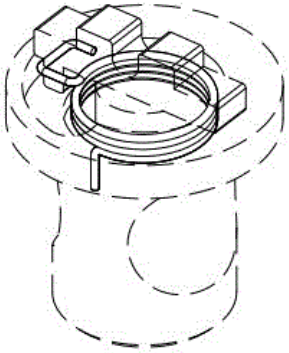
21: F2023/00133 22: 2023-01-30 23: 2022-08-01
43: 2023-08-14
52: Class 8 24: Part F

71: LOCKSECURE (PTY) LTD
54: PADLOCK SLEEVE
57: The design relates to a sleeve for a padlock as illustrated in the accompanying representations. The features of the design are those of shape and/or configuration and/or pattern.



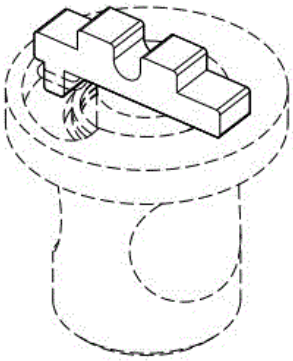
EXPLODED VIEW OF ARTICLE
IN A TYPICAL ASSEMBLY

21: F2023/00134 22: 2023-01-30 23: 2022-08-01
43: 2023-08-14
52: Class 8 24: Part F
71: LOCKSECURE (PTY) LTD
54: CAM SPRING
57: The design relates to a cam spring which is used in a locking assembly of a padlock as illustrated in the accompanying representations. The features of the design are those of shape and/or configuration and/or pattern.



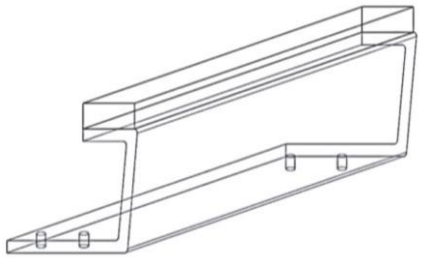
PERSPECTIVE VIEW OF ARTICLE
IN A TYPICAL ASSEMBLY

21: F2023/00135 22: 2023-01-30 23: 2022-08-01
43: 2023-08-14
52: Class 8 24: Part F
71: LOCKSECURE (PTY) LTD
54: ACTUATOR BAR
57: The design relates to an actuator bar which is used in a locking assembly of a padlock as illustrated in the accompanying representations. The features of the design are those of shape and/or configuration and/or pattern.



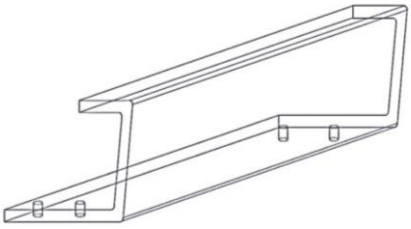
PERSPECTIVE VIEW OF ARTICLE
IN A TYPICAL ASSEMBLY

21: F2023/00182 22: 2023-02-13 23:
43: 2023-09-05
52: Class 25 24: Part F
71: FIKAGEAR B.V.
33: EU 31: 015004957-0001 32: 2022-12-02
54: ENCLOSURES FOR A HOCKEY FIELD
57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of an enclosure for a hockey field, substantially as shown in the representations.



Three-dimensional front view of an enclosure for a hockey field

21: F2023/00184 22: 2023-02-13 23:
43: 2023-09-05
52: Class 25 24: Part F
71: FIKAGEAR B.V.
33: EU 31: 015004957-0002 32: 2022-12-02
54: ENCLOSURES FOR A HOCKEY FIELD
57: The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of an enclosure for a hockey field, substantially as shown in the representations.



Three-dimensional front view of an enclosure for a hockey field

21: F2023/00734 22: 2023-07-05 23:
43: 2023-08-08
52: Class 13 24: Part F
71: ZHEJIANG SIEKON ENERGY STORAGE TECHNOLOGY CO., LTD.
54: ACCUMULATORS, ELECTRIC
57: The design relates to a Accumulators, electric. The features of the design are those of shape and/or pattern and/or configuration.

21: F2023/00735 22: 2023-07-05 23:
43: 2023-08-08
52: Class 13 24: Part F
71: ZHEJIANG SIEKON ENERGY STORAGE TECHNOLOGY CO., LTD.
54: ACCUMULATORS, ELECTRIC
57: The design relates to a Accumulators, electric. The features of the design are those of shape and/or pattern and/or configuration.

21: F2023/00738 22: 2023-07-06 23:
43: 2023-08-08
52: Class 13 24: Part F

71: CEA ELECTRIC CO., LTD.

54: PORTABLE POWER STATION

57: The design relates to a Portable Power Station. The features of the design are those of shape and/or pattern and/or configuration.

HYPOTHECATIONS

No records available

JUDGMENTS

No records available

OFFICE PRACTISE NOTICES

No records available

4. COPYRIGHT

COPYRIGHT IN CINEMATOGRAPH FILMS

NOTICES OF ACCEPTANCE

(Applications filed in terms of Act No. 62 of 1977)

Any person, who has grounds for objection to the registration of the copyright in any of the following cinematographs films, may within the prescribed time, lodge Notice of Opposition on Form RF 5 contained in the Second Schedule to the Registration of Copyright in Cinematograph Films Regulations, 1980. The prescribed time is one month after the date of advertisement. This period may on application be extended by the Registrar.

The numerical denote the following: **(21)** Official application number. **(22)** Date of application. **(43)** Date of acceptance. **(24)** Date(s) and place(s) at which cinematograph films was made. **(25)** Date and place of first publication. **(71)** Name (s) of all applicant (s). **(75)** Name of author. **(76)** Name of producer **(77)** Name of director **(54)** Title of cinematograph film. **(78)** Name(s) of principal players or narrator. **(26)** Places at which cinematograph film may be viewed and conditions. **(55)** Specimen lodged/Not lodged. **(56)** Preview requested/Not requested. **(57)** Abstract (Storyline). **(58)** Category.

No records available

HYPOTHECATIONS

No records available

JUDGMENTS

No records available

OFFICE PRACTISE NOTICES

No records available

5. CORRECTION NOTICES

TRADE MARK CORRECTION NOTICES

No records available

PATENT CORRECTION NOTICES

The patent restoration no: **2007/00431** was advertised in the August 2023 Journal. However, there is an error on the advertisement with an International Filing Date which appeared as **(10/06/2006)** instead of **10/06/2005**. The restoration should have appeared as the one below and the August 2023 publication date will remain as the valid publication date therefore the opposition period will still run from 30 August 2023.

Notice is hereby given **KONINKLIJKE PHILLIPS ELECTRONICS N.V.,** whose address of service is **ADAMS & ADAMS, PRETORIA** has applied to the registrar for the restoration of Patent No. **2007/00431** entitled **DISTRIBUTED RESOURCE RESERVATION IN A WIRELESS AD HOC NETWORK,** dated **10/06/2005,** which lapsed on **10/06/2017** 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 OF CORRECTION

The notice of acceptance of South African Patent Application No. **2019/04033**, in the name of **UNIVERSITY OF KWAZULU-NATAL** was erroneously published in the Patent Journal of **26 August 2020.** Therefore it's publication in the Patent Journal of **26 August 2020** is null and void.

DESIGNS CORRECTION NOTICES

The Design under application no: **A2022/00961** was advertised in the April 2023 journal without the release date which read as **17 February 2022** and it should have appeared as the one below but the publication date will remain the **26/04/2023**.

21: A2022/00961 22: 2022-08-17 23: 2022-02-17
43: 2023-03-09
52: Class 30 24: Part A
71: PETITE FRENCH & CO (PTY) LTD
54: TRANSPORT CONTAINER FOR AN ANIMAL
57: The design is applied to a transport container for an animal. 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 transport container for an animal, substantially as illustrated in Figures 1 to 9 of the accompanying representations. The handles (F), straps (G), fasteners (H), removable internal mat (I), sliding fasteners (J) and label (K) illustrated in Figures 1 to 9 do not form part of the design and are disclaimed.

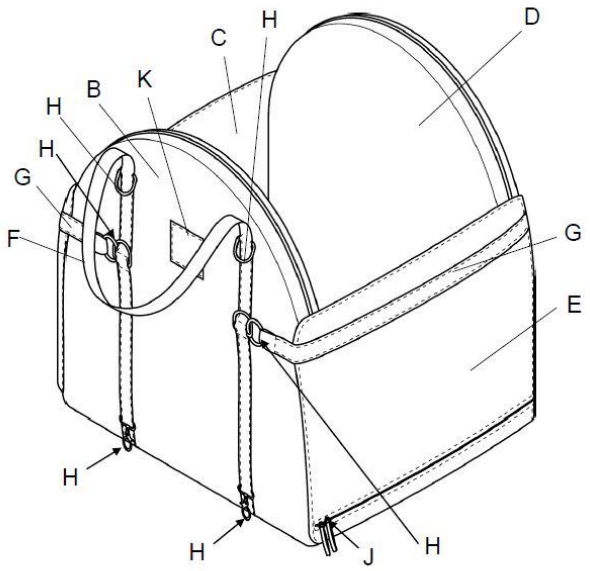


FIG. 1 THREE-DIMENSIONAL VIEW – CLOSED CONDITION

COPYRIGHT CORRECTION NOTICES

No records available

PATENTS

Advertisement List for September 2023

Number of Advertised Patents: 241

Application Number	Patent Title	Filing Date
2014/04420	SOLID PCD CUTTER	2014/06/17
2014/05169	A METHOD OF INSTALLING AN UNDERGROUND MINE SUPPORT	2014/07/14
2015/05114	USE OF PHENOXYPROPYLAMINE COMPOUNDS TO TREAT DEPRESSION	2015/07/16
2015/07218	COMPOSITINS AND METHODS FOR MODULATING APOLIPOPROTEIN C-III EXPRESSION	2015/09/29
2016/01175	REGENERATION OF A TITANIUM CONTAINING ZEOLITE	2016/02/22
2016/07949	A LEATHER PRODUCT AND A METHOD OF CREATING IT	2016/11/17
2017/01881	ADENO-ASSOCIATED VIRAL VECTORS FOR TREATING MYOCILIN (MYOC) GLAUCOMA	2017/03/16
2017/05186	ALARM SYSTEM COMMUNICATION DEVICE	2017/08/01
2018/05018	REACTIVE AND PRE-EMPTIVE SECURITY SYSTEM FOR THE PROTECTION OF COMPUTER NETWORKS & SYSTEMS	2018/07/25
2018/05033	BLOCKCHAIN-BASED EXCHANGE WITH TOKENISATION	2018/07/26
2018/05049	METHODS AND SYSTEMS FOR THE EFFICIENT TRANSFER OF ENTITIES ON A BLOCKCHAIN	2018/07/26
2018/05050	CRYPTOGRAPHIC METHOD AND SYSTEM FOR SECURE EXTRACTION OF DATA FROM A BLOCKCHAIN	2018/07/26
2018/05062	TOKENISATION METHOD AND SYSTEM FOR IMPLEMENTING EXCHANGES ON A BLOCKCHAIN	2018/07/27
2018/05063	METHODS AND SYSTEMS FOR EFFICIENT TRANSFER OF ENTITIES ON A PEER-TO-PEER DISTRIBUTED LEDGER USING THE BLOCKCHAIN	2018/07/27
2018/05076	CONSOLIDATED BLOCKCHAIN-BASED DATA TRANSFER CONTROL METHOD AND SYSTEM	2018/07/27
2018/05085	A METHOD AND SYSTEM FOR THE SECURE TRANSFER OF ENTITIES ON A BLOCKCHAIN	2018/07/27
2018/05086	BLOCKCHAIN-IMPLEMENTED METHOD FOR CONTROL AND DISTRIBUTION OF DIGITAL CONTENT	2018/07/27
2018/05137	6,7¿DIHYDRO¿5H¿BENZO[7]ANNULENE DERIVATIVES AS ESTROGEN RECEPTOR MODULATORS	2018/07/31
2018/05336	AMANITIN CONJUGATES	2018/08/10
2018/06995	BREAK ANALYSIS APPARATUS AND METHOD	2018/10/19
2018/07499	ANAEROBIC BLOOD STORAGE AND PATHOGEN INACTIVATION METHOD	2018/11/08
2018/07618	REMOVING HEAVY METALS IN A BALLASTED PROCESS	2018/11/13
2019/01248	TONER CARTRIDGE AND TONER SUPPLY MECHANISM	2019/02/26
2019/01367	INHIBITION OF OLIG2 ACTIVITY	2019/03/05
2019/04408	METHODS AND COMPOSITIONS FOR IMPROVING	2019/07/04

Application Number	Patent Title	Filing Date
	PLANT TRAITS	
2019/05738	CONJUGATE OF SALICYLIC ACID AND PEPTIDE	2019/08/30
2019/07183	CABLE ANCHOR WITH ANTI-SPIN COUPLER	2019/10/31
2019/07326	GROUTABLE FRICTION ROCK BOLT	2019/11/05
2019/08388	COMBINED HIGH-PRODUCTIVITY SHOOT-PEENING MACHINE PROVIDED WITH SCARIFYING AND MAGNETIC GROUP ACCESSORY	2019/12/17
2020/00373	ANTI-CD47 ANTIBODIES AND USES THEREOF	2020/01/20
2020/00967	CURING REPAIR RESIN	2020/02/14
2020/01295	THIAZOLOPYRIDINE DERIVATIVES AS ADENOSINE RECEPTOR ANTAGONISTS	2020/02/28
2020/01467	A SYSTEM FOR, AND METHOD OF SEPERATING ORE OR MORE DESIRED ELEMENTS FROM AN ORE DEPOSIT	2020/03/05
2020/01568	METHODS AND COMPOSITIONS FOR TREATING CHRONIC LUNG DISEASES	2020/03/12
2020/01747	PSMA-TARGETING AMANITIN CONJUGATES	2020/03/19
2020/01750	A PROCESS FOR RECOVERING METAL FROM ELECTRONIC WASTE	2020/03/19
2020/01757	SILICA ABRASIVES WITH HIGH STANNOUS FLUORIDE COMPATIBILITY	2020/03/19
2020/01759	SYSTEMS AND METHODS FOR PALLET TRACKING USING HUB AND SPOKE ARCHITECTURE	2020/03/19
2020/01780	BEZIMIDAZOLE DERIVATIVES AS ADENOSINE RECEPTOR ANTAGONISTS	2020/03/20
2020/02039	HYDRAULIC ARRANGEMENT HAVING LINKED HYDRAULIC UNITS, CLIMBING FORMWORK, AND METHOD FOR MOVING THE CLIMBING FORMWORK USING SUCH A HYDRAULIC ARRANGEMENT	2020/05/04
2020/02415	DETECTION OF SYMMETRICAL DIMETHYLARGININE	2020/05/04
2020/02566	CRYSTALLINE 2-AMINO-2-(HYDROXYMETHYL)PROPANE-1,3-DIOL SALT OF 4-(4-(1-ISOPROPYL-7-OXO-1,4,6,7-TETRAHYDROSPIRO[INDAZOLE-5,4'-PIPERIDINE]-1'-CARBONYL)-6-METHOXYPYRIDIN-2-YL)BENZOIC ACID	2020/05/08
2020/02620	RUCKSACK FRAME	2020/05/11
2020/03530	MECHANISM FOR TRANSFORMING RECIPROCAL TO ROTATIONAL MOTION OR VICE VERSA, AND MECHANISM APPLICATIONS	2020/06/12
2020/04964	A WATERCRAFT, SUCH AS A SURFBOARD OR A PADDLEBOARD, WITH CONTROLLED ELECTRICAL ASSISTANCE	2020/08/12
2020/04967	METHODS, DEVICES AND COMPUTER READABLE MEDIUM FOR NEW RADIO MANAGEMENT MEASUREMENT	2020/08/12
2020/05339	ESTIMATING SOIL PROPERTIES WITHIN A FIELD USING HYPERSPECTRAL REMOTE SENSING	2020/08/27
2020/06088	APPARATUS FOR DETECTING BRAKE FAILURE OF A VEHICLE	2020/10/01
2020/07705	CROSSLINKED PULPS, CELLULOSE ETHER PRODUCTS MADE THEREFROM; AND RELATED METHODS OF	2020/12/10

Application Number	Patent Title	Filing Date
	MAKING PULPS AND CELLULOSE ETHER PRODUCTS	
2020/08095	HUMANIZED ANTIBODIES AGAINST PSMA	2020/12/22
2021/00289	REACTIVE AND PRE-EMPTIVE SECURITY SYSTEM FOR THE PROTECTION OF COMPUTER NETWORKS AND SYSTEMS	2021/01/15
2021/00685	SIZING AND SEPARATING GRANULAR PARTICLES	2021/01/29
2021/01426	FLUIDIZED CRACKING PROCESS FOR INCREASING OLEFIN YIELD AND CATALYST COMPOSITION FOR SAME	2021/03/02
2021/01942	ORAL CARE COMPOSITIONS COMPRISING N-ALKYL-N-ACYLGLUCAMINES	2021/03/23
2021/02010	WEB MATERIAL MADE OF A WOVEN FABRIC AND PROCESS FOR ITS MANUFACTURE	2021/03/25
2021/02023	POTENTIATION OF HELMINTH TREATMENT	2021/03/25
2021/03090	PHARMACEUTICAL FORMULATIONS OF CYCLOSPORINE ANALOGS	2021/05/07
2021/03798	CRUSHING OF CORE SAMPLES	2021/06/02
2021/03976	IMMUNOGENIC COMPOSITIONS FOR TREATMENT OF HEPATITIS B	2021/06/09
2021/04940	NOVEL SUBSTITUTED SULFONYLUREA DERIVATIVES	2021/07/14
2021/05546	QUANTITATIVE SEEDING DEVICE FOR FIBER CROPS	2021/08/06
2021/05929	CONTAINER CLOSURE AND CONTAINER	2021/08/18
2021/06220	SOLID FORMULATIONS OF ATORVASTATIN AND EZETIMIBE	2021/08/27
2021/06282	AN ADJUSTABLE PILLOW INSERT	2021/08/30
2021/06343	METHOD AND APPARATUS FOR ULTRA-SHORT PULSED LASER COMMUNICATION THROUGH A LOSSY MEDIUM	2021/08/31
2021/07269	METHOD FOR AND APPARATUS FOR DECODING AN AMBISONICS AUDIO SOUNDFIELD REPRESENTATION FOR AUDIO PLAYBACK USING 2D SETUPS	2021/09/28
2021/07433	WEIGHT MEASUREMENT SYSTEM, WEIGH HEAD APPARATUS AND METHODS	2021/10/01
2021/07550	“A SET OF LINING PLATES MADE OF RADIAL TIRES AND A METHOD FOR MANUFACTURING LINING PLATES MADE OF RADIAL TIRES”	2021/10/07
2021/08912	A MECHANICAL TENSIONING SYSTEM AND METHOD	2021/11/10
2021/08992	POSITIVE PRESSURE BREATHING CIRCUIT	2021/11/12
2021/09010	COMPOUNDS AND METHODS FOR THE TREATMENT OF COVID-19	2021/11/12
2021/09169	A FARM MANAGEMENT SYSTEM	2021/11/17
2021/09494	METHODS AND APPARATUSES FOR CONFIGURATION OF MONITORING FOR TERMINAL DEVICE	2021/11/24
2021/09568	COAL ANALYSIS METHOD AND SYSTEM	2021/11/25
2021/09625	TREATMENT OF CORONA VIRUS DISEASE 2019	2021/11/26
2021/10294	AGENT-BASED TURING COMPLETE TRANSACTIONS INTEGRATING FEEDBACK WITHIN A BLOCKCHAIN SYSTEM	2021/12/10
2021/10474	MELANOCORTIN-4 RECEPTOR AGONISTS	2021/12/15
2022/00412	INSECTICIDAL PROTEINS FROM PLANTS AND METHODS FOR THEIR USE	2022/01/07
2022/00624	A SPORT TRAINING AID	2022/01/13

Application Number	Patent Title	Filing Date
2022/00895	LIFTING GEAR	2022/01/19
2022/01329	QUINAZOLIN-4-ONE DERIVATIVES USEFUL FOR THE TREATMENT OF BRAF-ASSOCIATED DISEASES AND DISORDERS	2022/01/27
2022/01546	AUTOMATICALLY SCALING A NUMBER OF DEPLOYED APPLICATION DELIVERY CONTROLLERS (ADCS) IN A DIGITAL NETWORK	2022/02/03
2022/03042	PIEZOELECTRIC MOTOR	2022/03/14
2022/03163	THERAPEUTIC METHODS AND USES THEREOF	2022/03/16
2022/03193	CANNABINOID CONCENTRATE AND ISOLATE, METHOD OF OBTAINING THE SAME AND USE THEREOF	2022/03/16
2022/03399	NUCLEAR FUEL ASSEMBLY WITH A REINFORCEMENT DEVICE	2022/03/23
2022/03661	HUMAN RECOMBINANT HYPOSIALYLATED ERYTHROPOIETIN, METHODS OF PURIFICATION AND THERAPEUTIC USES THEREOF	2022/03/30
2022/03980	CONVEYOR DEVICE AT LEAST FOR CONVEYING A FLUID AND PUMP WITH SUCH A CONVEYOR DEVICE	2022/04/07
2022/04196	HEAT TRANSFER MIXTURE	2022/04/13
2022/04202	SYSTEM AND METHOD FOR TREATING INDIVIDUAL SEEDS WITH LIQUID CHEMICALS DURING THE PLANTING PROCESS	2022/04/13
2022/04442	SALT FORMS OF A COMPLEMENT COMPONENT C5A RECEPTOR	2022/04/20
2022/05225	A JOINTLESS CONCRETE COMPOSITE PAVEMENT	2022/05/11
2022/05452	SYSTEM AND METHOD FOR THE CONTROL OF BIOMASS CONVERSION SYSTEMS	2022/05/17
2022/05597	LITHIUM BATTERY POSITIVE ELECTRODE MATERIAL PRECURSOR, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF	2022/05/20
2022/05646	SYSTEMS AND PROCESSES FOR RECOVERY OF HIGH-GRADE RARE EARTH CONCENTRATE FROM ACID MINE DRAINAGE	2022/05/19
2022/05790	POLOXAMER COMPOSITIONS WITH REDUCED SOL-GEL TRANSITION TEMPERATURES AND METHODS OF REDUCING THE SOL-GEL TRANSITION TEMPERATURE OF POLOXAMER COMPOSITIONS	2022/05/25
2022/06102	EXCISION OF RETROVIRAL NUCLEIC ACID SEQUENCES	2022/06/01
2022/06111	O-PHOSPHOSERINE EXPORT PROTEIN VARIANT AND METHOD FOR PRODUCING O-PHOSPHOSERINE, CYSTEINE, AND DERIVATIVES THEREOF USING THE SAME	2022/06/01
2022/06371	NUCLEIC ACID PURIFICATION METHOD	2022/06/08
2022/06379	A SHOCK MITIGATION SEAT AND SHOCK MONITORING SYSTEM	2022/06/08
2022/06526	DREDGING METHOD AND APPARATUS	2022/06/13
2022/06643	MUTANT OF INNER MEMBRANE PROTEIN, AND METHOD FOR PRODUCING TARGET PRODUCT BY USING SAME	2022/06/15
2022/06644	SYSTEM AND METHOD FOR FILTERING BEVERAGES	2022/06/15
2022/06666	CRYSTAL FORM FOR TREATING LIVER DISEASE AND	2022/06/15

Application Number	Patent Title	Filing Date
	USE THEREOF	
2022/07323	REAL TIME MINE MONITORING SYSTEM AND METHOD	2022/07/01
2022/07391	A COMPOSITION COMPRISING S-ARRESTIN PEPTIDES	2022/07/04
2022/07478	MOLTEN LEAD SCRAP SUBMERGENCE APPARATUS	2022/07/06
2022/09336	A VEGETAL CONCRETE MASONRY UNIT AND METHOD AND SYSTEM FOR MANUFACTURE THEREOF	2022/08/19
2022/09822	ELECTRICALLY OPERATED AEROSOL-GENERATING DEVICE WITH MEANS FOR DETECTING AN AIRFLOW IN THE DEVICE	2022/09/02
2022/10156	AN ANTITHROMBIC MOLECULE HAVING APAC ACTIVITY FOR THE PREVENTION AND/OR TREATMENT OF THROMBOCYTOPENIA	2022/09/13
2022/10302	BIOINFORMATICS	2022/09/16
2022/10874	SHOWER HOSE, SERIES OF SHOWER HOSES, USE OF A BRAIDING AND METHOD FOR PRODUCING A SHOWER HOSE	2022/10/03
2022/12226	A MOUNTING BRACKET	2022/11/09
2022/12393	BELT ADJUSTING CARRIER ROLLER FOR SMALL ANGLE FINE ADJUSTMENT	2022/11/14
2022/12463	CONSTRUCTION METHOD OF FINE FRACTURE IMAGE RECOGNITION NETWORK BASED ON CROSS-ATTENTION MECHANISM	2022/11/15
2022/12545	MEDICAL CONNECTORS WITH FLUID-RESISTANT MATING INTERFACES	2022/11/17
2022/12703	PHARMACEUTICAL FORMULATIONS OF PILOCARPINE R-(+)-LIPOATE	2022/11/22
2022/12905	A SECURITY DEVICE	2022/11/28
2022/13176	VERTICAL-INPUT OUTBOARD-MOTOR FORWARD-REVERSE ANGLED-DRIVE LOWER UNIT	2022/12/05
2022/13223	HEAVY LOAD VORTEX INTERNAL APPARATUS FOR HANDLING PLASTIC GRANULAR MATERIAL, AND METHOD RELATED THERETO	2022/12/06
2022/13227	INTER-FRAME PREDICTION METHOD, ENCODER, DECODER, AND COMPUTER STORAGE MEDIUM	2022/12/06
2022/13350	DEVICE AND METHOD FOR UNDERWATER SAMPLING	2022/12/09
2022/13480	METHOD FOR ACTIVATING EXPRESSION OF GAMMA-GLOBIN GENE, AND COMPOSITION	2022/12/13
2022/13686	A LOW PRESSURE FLUID FLOW CONTROL VALVE	2022/12/19
2022/13768	TEXTILE ARTICLE COMPRISING GRAPHENE AND FILTERS COMPRISING SAID TEXTILE ARTICLE	2022/12/20
2022/13780	METHOD FOR DRYING RED WATER FROM TRINITROTOLUENE PURIFICATION PROCESS, POWDER AND PACKAGED PRODUCT	2022/12/20
2022/13850	BIOREMEDIATION SYSTEMS FOR WASTEWATER TREATMENT AND METHODS FOR THE USE THEREOF	2022/12/21
2022/13853	ON-LOAD TAP CHANGER AND METHOD FOR ACTUATING AN ON-LOAD TAP CHANGER	2022/12/21
2022/13946	BIODIVERSITY INTELLIGENT MONITORING DEVICE	2022/12/22
2023/00126	BODY PROCESSING APPARATUS AND METHODS OF USE	2023/01/03
2023/00127	INTER-FRAME PREDICTION METHOD, ENCODER, DECODER, AND COMPUTER STORAGE MEDIUM	2023/01/03

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2023/00138	METHOD FOR DIAGNOSING THE TECHNICAL CONDITION OF ROTATING EQUIPMENT	2023/01/03
2023/00140	ARRANGEMENT AND SYSTEM FOR REPAIRING THE LINING OF A SPENT FUEL POOL	2023/01/03
2023/00141	CORIUM LOCALIZING AND COOLING SYSTEM OF A NUCLEAR REACTOR	2023/01/03
2023/00142	CORIUM LOCALIZING AND COOLING SYSTEM OF A NUCLEAR REACTOR	2023/01/03
2023/00143	METHOD FOR MONITORING THE TECHNICAL CONDITION OF A DIESEL GENERATOR WHEN IN OPERATION	2023/01/03
2023/00144	METHOD FOR MONITORING OF LEAK-TIGHTNESS AND DETECTION OF LEAKS IN A PIPELINE WITH A VALVE	2023/01/03
2023/00145	CORIUM LOCALIZING AND COOLING SYSTEM OF A NUCLEAR REACTOR	2023/01/03
2023/00149	A SYSTEM AND A METHOD FOR REDUCING PARTICULATE POLLUTANTS IN AIR, USING PULSED ELECTROMAGNETIC WAVES	2023/01/03
2023/00222	ANTI-?LPHA-4-?ETA-7 ANTIBODIES	2023/01/04
2023/00251	DEVICE AND METHOD FOR EMERGENCY TREATMENT OF WATER BLOOMS IN A RESERVOIR TRIBUTARY BAY	2023/01/05
2023/00301	SUBSCRIPTION RETRIEVAL FOR ANONYMOUS IDENTIFICATION	2023/01/06
2023/00353	LATERAL FLOW ASSAY DEVICE FOR DETECTION OF ANALYTES AND METHOD OF DETECTION THEREOF	2023/01/09
2023/00356	TRANSMISSION SYSTEM	2023/01/09
2023/00367	APPLICATION OF LEVOCETIRIZINE OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF IN PREPARING MEDICINES FOR PROMOTING HAIR GROWTH	2023/01/09
2023/00481	A DIKETOPYRROLOPYRROLE BASED RED LIGHT CONVERSION AGENT MATERIAL	2023/01/11
2023/00505	COMPOSITIONS USEFUL FOR TREATMENT OF CHARCOT-MARIE-TOOTH DISEASE	2023/01/11
2023/00506	COMBINATIONS OF CARNOSINE AND ZINC FOR THE TREATMENT AND PREVENTION OF VIRAL INFECTIONS	2023/01/11
2023/00510	A CARD GAME SYSTEM FOR PLAYING A CARD GAME	2023/01/12
2023/00548	SELF-AMPLIFYING SARS-COV-2 RNA VACCINE	2023/01/12
2023/00551	METHOD AND APPARATUS FOR DELIVERING FLUID DROPLETS ONTO AN OPEN AND STATIONARY TRAY	2023/01/12
2023/00552	METHOD AND APPARATUS FOR DELIVERING FLUID DROPLETS ONTO AN OPEN AND STATIONARY TRAY	2023/01/12
2023/00616	INHIBITED OXIDISER OR INHIBITED EXPLOSIVE FOR USE IN REACTIVE GROUND	2023/01/13
2023/00657	METAL POWDER MANUFACTURING DEVICE FOR IMPROVING QUALITY OF INTELLIGENTLY MANUFACTURED METAL POWDERS	2023/01/16
2023/00783	FRICTION FIT DRILL BIT ASSEMBLY FOR A SELF-DRILLING ROCK BOLT	2023/01/17
2023/00819	MICROBIOLOGICAL SANITIZATION AND AIR PURIFICATION SYSTEM FOR HVAC SYSTEM OF A RAILWAY VEHICLE	2023/01/18

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2023/00857	AIR TREATMENT SYSTEMS AND METHODS	2023/01/19
2023/00868	TRIALKYL SULFONIUM CHLORIDES AS FUNGICIDES	2023/01/19
2023/00875	KAT6 INHIBITOR METHODS AND COMBINATIONS FOR CANCER TREATMENT	2023/01/19
2023/00877	PIPE GROOVING DEVICE	2023/01/19
2023/00912	TYK-2 INHIBITOR	2023/01/20
2023/00915	APPARATUS AND METHOD FOR ANALYSIS OF A MOVING SLURRY	2023/01/20
2023/00962	PANEL, COVERING, AND METHOD OF UNCOUPLING TWO INTERCONNECTED PANELS	2023/01/23
2023/00964	PANEL SUITABLE AS A FLOOR, CEILING OR WALL COVERING, AND COVERING FOR A FLOOR, CEILING OR WALL, WHICH IS CONSTITUTED BY A MULTITUDE OF SUCH PANELS	2023/01/23
2023/00965	PANEL AND COVERING	2023/01/23
2023/00975	PANEL AND COVERING	2023/01/23
2023/00977	COUPLER KNUCKLE INTERNAL PIVOT PIN SUPPORT	2023/01/23
2023/00979	APPARATUS FOR MANUFACTURING A CONTAINER	2023/01/23
2023/00998	APPARATUS FOR MANUFACTURING A CONTAINER	2023/01/23
2023/01159	PATATIN AS BINDER IN MEAT SUBSTITUTES	2023/01/27
2023/01212	PH-REGULATED TOTAL MIXED FERMENTED FEED AND PREPARATION METHOD THEREOF	2023/01/30
2023/01311	PREPARATION METHOD OF METAL OXALATE LITHIUM ION BATTERY ANODE MATERIAL WITH ORDERED THREE-DIMENSIONAL SKELETON STRUCTURE	2023/02/01
2023/01361	CONFIGURATION METHOD AND CONFIGURATION APPARATUS FOR UNKNOWN NEIGHBOR CELL, AND ELECTRONIC DEVICE	2023/02/02
2023/01438	AA V5-BASED VACCINE AGAINST SARS-COV-2	2023/02/03
2023/01439	EXCESSIVE TRAIN BRAKE PIPE FLOW DIAGNOSTICS	2023/02/03
2023/01455	PROCESS FOR PREPARATION OF MESOTRIONE AND ITS INTERMEDIATES	2023/02/03
2023/01463	A DEVICE FOR ORIENTATING AN OUTLET OF A SPRINKLER	2023/02/06
2023/01502	AN EPIDEMIOLOGICAL INFORMATION COLLECTOR WITH A PROTECTIVE MECHANISM	2023/02/06
2023/01537	FREQUENCY-INCREASED AND MICRO-VIBRATED OCEAN CURRENT ENERGY TRIBOELECTRIC NANOGENERATOR	2023/02/07
2023/01577	PROBIOTIC LACTOBACILLUS PLANTARUM STRAIN AND USE THEREOF IN PREPARATION OF LOW-SALT FERMENTED MEAT PRODUCT	2023/02/08
2023/01578	A FREQUENCY CONVERSION MICROWAVE ENERGY SAVING CO-PYROLYSIS METHOD FOR REMOVING TAR FROM OILY SLUDGE AND BIOGAS RESIDUE BY IN-SITU CRACKING	2023/02/08
2023/01605	PARASITE DETECTION METHOD AND SYSTEM BASED ON ARTIFICIAL INTELLIGENCE, AND TERMINAL DEVICE	2023/02/08
2023/01629	AN EFFICIENT IRRIGATION DEVICE	2023/02/09
2023/01634	AN ANTI-SEISMIC PERFORMANCE ABNORMAL WARNING SYSTEM AND METHOD OF UTILITY TUNNEL	2023/02/09
2023/01682	STORAGE TANK SAFETY ASSESSMENT METHODS,	2023/02/10

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	DEVICES, COMPUTER EQUIPMENT AND STORAGE MEDIA	
2023/01683	METHODS, DEVICES, COMPUTER EQUIPMENT AND STORAGE MEDIA FOR BUILDING COLLAPSE RISK ASSESSMENT	2023/02/10
2023/01695	HIGH-PROFILE, ANATOMY-SPECIFIC CRANIOFACIAL IMPLANTS FOR COMBINED HARD AND SOFT TISSUE RECONSTRUCTION WITH EMBEDDED TECHNOLOGY FOR MEDICINE DELIVERY	2023/02/10
2023/01705	CAPSULES COMPRISING A PERFUME COMPOSITION FOR SINGLE-DOSE FRAGRANCING	2023/02/10
2023/01745	PREPARATION METHOD OF BREAD WITH LOW AUXILIARY MATERIALS	2023/02/13
2023/01747	NON-ORTHOGONAL MULTIPLE ACCESS METHOD APPLIED TO SATELLITE COMMUNICATION	2023/02/13
2023/01748	A HERBICIDE AND PESTICIDE COMPOSITION OF 2-METHYL-4-CHLOROPHENOXYACETIC ACID SODIUM AND DIMEHYPO	2023/02/13
2023/01772	CHICKEN PREPARATION PROCESS FOR RETORT COOKING AND PACKAGING	2023/02/14
2023/01786	QUALITY EVALUATION SYSTEM FOR PROPHASE ACHIEVEMENTS OF WATER PROJECT BASED ON MOBILE PHONE APP	2023/02/14
2023/01791	CENTRIFUGAL PUMP	2023/02/14
2023/01878	DEVICE FOR TREATING BUILDING CONSTRUCTION WASTE FOR CIVIL ENGINEERING	2023/02/16
2023/01883	SLOPE REINFORCEMENT STRUCTURE OF CIVIL ENGINEERING	2023/02/16
2023/01907	GAS PRESSURE SPRING WITH OVERPRESSURE PROTECTION, METHOD FOR MANUFACTURING THE GAS PRESSURE SPRING	2023/02/16
2023/01934	BANK NOTE PROTECTION DEVICE	2023/02/16
2023/01937	COMPOUNDS	2023/02/06
2023/02081	ENVIRONMENTALLY FRIENDLY AND FUNCTIONAL MARTIAL ARTS GARMENT AND FABRICS	2023/02/20
2023/02119	WEEP HOLE CATCHMENT	2023/02/21
2023/02134	SIRNA AND APPLICATION THEREOF	2023/02/21
2023/02136	RECOGNITION METHOD AND SYSTEM FOR APPLE MOULDY CORE BASED ON HYPERSPECTRAL IMAGING	2023/02/21
2023/02146	SHELL EXPANSION YIELD STRESS ANCHOR CABLE AND CONSTRUCTION METHOD THEREOF	2023/02/21
2023/02216	JIGGING PROCESS	2023/02/22
2023/02291	CONDENSATE RECOVERY SYSTEM FOR VOLATIZED INSECT REPELLENT	2023/02/22
2023/02449	PREPARATION METHOD OF CATALYST FOR ACTIVATING PEROXYMONOSULFATE	2023/02/24
2023/02468	PRODUCTION OF A DRIED MEAT PRODUCT	2023/02/24
2023/02521	HARMONIC DAMPING CONTROL METHOD OF GRID-CONNECTED INVERTER	2023/02/24
2023/02523	SELF-REPAIRING POLYUREA COATING FOR PHOTOVOLTAIC ROOFS AND PREPARATION METHOD THEREOF	2023/02/24

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2023/02531	EXPANDED GRAPHITE/CARBON NANOTUBE COMPOSITE MATERIAL, PREPARATION METHOD AND USE THEREOF	2023/02/24
2023/02818	LAYERED ELECTRIC PENETRATION DETECTION METHOD AND SYSTEM FOR RESERVOIR DAM LEAKAGE	2023/02/27
2023/02871	METHOD FOR PREPARING, CULTURING, CRYOPRESERVING AND REVIVING TESTICULAR ORGANOIDS AND THE APPLICATION	2023/02/27
2023/02996	A SKIN CARE PRODUCT OF PURE PLANT FOR PROMOTING KERATIN DIFFERENTIATION	2023/02/28
2023/03156	COMPOUND FAUCET WITH MULTIPLE OPERATION MODES	2023/02/28
2023/03183	METHOD FOR PREPARING BIO-NANO-SELENIUM BY UTILIZING BACILLUS.SP HZ3	2023/02/28
2023/03184	EQUIPMENT FOR TREATING WASTEWATER BASED ON WET CATALYTIC OXIDATION AND EVAPORATIVE CRYSTALLIZATION TECHNOLOGIES	2023/02/28
2023/04098	IL-2 MUTANTS AND APPLICATION THEREOF	2023/04/03
2023/04147	FLUID TREATMENT METHOD AND PLANT	2023/04/04
2023/04362	SURFACE CONTAINMENT METHOD AND APPARATUS	2023/03/20
2023/04452	BREEDING METHOD FOR CREATING WHEAT DWARF LODGING-RESISTANT MATERIAL	2023/04/17
2023/04455	AN ARRANGEMENT FOR CHARGING POLARIZED ATMOSPHERIC AIR AND POLARIZED EXHAUST GAS SIMULTANEOUSLY IN INTERNAL COMBUSTION DIESEL ENGINE AND THE METHOD THEREOF	2023/04/17
2023/04924	COSMETIC PREPARATION CONTAINING ANISIC ACID AND LEVULINIC ACID, HAVING SELECTIVE ANTIMICROBIAL EFFECT	2023/05/03
2023/05677	DEODORIZING AND BACTERIA-INHIBITING BIOLOGICAL CAT LITTER AND PREPARATION METHOD THEREFOR	2023/05/26
2023/05901	TRACK MONITORING SYSTEM BASED ON OPTICAL SENSING	2023/06/02
2023/05928	BIOLOGICAL PREPARATION FOR REMOVING MYCOTOXINS FROM FEED, AND PREPARATION METHOD AND APPLICATION THEREOF	2023/06/05
2023/06126	GALVANIC CELL-BASED BIOHYDROMETALLURGICAL PROCESS	2023/06/09
2023/06202	PREPARATION APPARATUS FOR ROCK-LIKE SAMPLES WITH STRATIFIED STRUCTURES CONTAINING CRACKS	2023/06/13
2023/06340	DEVICE AND METHOD FOR AUTOMATIC FORCED DISCHARGE OF CONDENSATE WATER BASED ON SELF-DIAGNOSIS TECHNIQUE	2023/06/19
2023/06605	CONDITION BASED MONITORING OF IRRIGATION	2023/06/27
2023/07096	METHOD AND SYSTEM FOR SIMULTANEOUSLY PERFORMING FDD AND SLAM UNDER MOBILE ROBOT FAULT	2023/07/14
2023/07632	EXPERIMENTAL TABLE FOR VIBRATION OF FLOATING FLOOR BASED ON DISTRIBUTED FIBER OPTIC SENSING, AND TESTING METHOD	2023/08/02
2023/08004	CONSTRUCTION METHOD OF ASTAXANTHIN	2023/08/17

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	SYNTHESIS PATHWAY IN CHLAMYDOMONAS REINHARDTII AND USE THEREOF	
2023/08005	METHOD FOR DESIGN, SYNTHESIS AND ASSEMBLY OF SIMPLIFIED CHLOROPLAST GENOME OF CHLAMYDOMONAS REINHARDTII AND USE THEREOF	2023/08/17
2023/08061	PHOTOVOLTAIC ENERGY STORAGE BOX	2023/08/21
2023/08111	A METHOD FOR ESTABLISHING A ROCK CONSTITUTIVE MODEL CONSIDERING CRACK EXPANSION	2023/08/22
2023/08183	NI-CO-FE-B EUTECTIC HIGH-ENTROPY ALLOY, AND PREPARATION METHOD THEREFOR AND USE THEREOF	2023/08/24
2023/08186	STEREOPHOTOGRAMMETRIC METHOD BASED ON BINOCULAR VISION	2023/08/24
2023/08288	METHOD AND SYSTEM FOR UNSUPERVISED DEEP REPRESENTATION LEARNING BASED ON IMAGE TRANSLATION	2023/08/28
2023/08289	UNSUPERVISED FEATURE SELECTION METHOD BASED ON LATENT SPACE LEARNING AND MANIFOLD CONSTRAINTS	2023/08/28
2023/08290	CROSS-MODAL FUSION-BASED DEEP CLUSTERING METHOD AND SYSTEM	2023/08/28

DESIGNS

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A2020/01038	A HELMET WITH TEMPLE PROTECTORS	2020/07/31
A2021/01016	BOTTLE	2021/09/01
A2021/01268	ELECTRIC EQUIPMENT BOX	2021/10/07
A2021/01538	ORAL CARE IMPLEMENTS	2021/12/17
A2021/01539	ORAL CARE IMPLEMENTS	2021/12/17
A2021/01540	ORAL CARE IMPLEMENTS	2021/12/17
A2022/00147	AUTOMOBILES	2022/02/11
A2022/00150	AUTOMOBILES	2022/02/11
A2022/00194	GEARBOX FOR AN ELECTRIC MOTOR	2022/02/25
A2022/00323	AUTOMOBILES	2022/03/28
A2022/00751	CARS	2022/06/29
A2022/00952	TWEEZERS AND APPLICATORS	2022/08/17
A2022/00953	TWEEZERS AND APPLICATORS	2022/08/17
A2022/00954	TWEEZERS AND APPLICATORS	2022/08/17
A2022/01020	PRESSES	2022/08/31
A2022/01021	PRESS PADS	2022/08/31

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A2022/01026	TRIMS FOR FLOORING OR CARPETING	2022/09/01
A2022/01027	TRIMS FOR FLOORING OR CARPETING	2022/09/01
A2022/01029	FOOTWEAR	2022/09/01
A2022/01089	Electronic Device	2022/09/16
A2022/01095	Electronic Device	2022/09/16
A2022/01097	Display Panel Portion with an Animated Computer Icon	2022/09/16
A2022/01100	Electronic Device	2022/09/16
A2022/01218	WHEEL LOADERS	2022/10/07
A2022/01281	TYRES AND TYRE TREADS	2022/10/13
A2022/01371	TOILET BOWL	2022/10/28
A2022/01372	TOILET BOWL	2022/10/28
A2022/01373	TOILET BOWL	2022/10/28
A2022/01374	TOILET BOWL	2022/10/28
A2022/01375	HAND SHOWER	2022/10/28
A2022/01382	FOOTWEAR	2022/11/01
A2022/01383	FOOTWEAR	2022/11/01
A2022/01384	FOOTWEAR	2022/11/01
A2022/01385	FOOTWEAR	2022/11/01
A2022/01386	FOOTWEAR AND SOLES FOR FOOTWEAR	2022/11/01
A2022/01393	FOOTWEAR	2022/11/04
A2022/01394	FOOTWEAR	2022/11/04
A2022/01395	FOOTWEAR	2022/11/04
A2022/01401	MOTOR VEHICLES	2022/11/04
A2022/01403	FOOTWEAR	2022/11/04
A2022/01416	MOTOR VEHICLES	2022/11/09
A2022/01421	MEDICAL APPARATUS	2022/11/10
A2022/01422	MEDICAL APPARATUS	2022/11/10
A2022/01424	MEDICAL APPARATUS	2022/11/10
A2022/01482	DEODORANT HOLDER	2022/11/16
A2022/01491	CONTAINER FOR LUBRICANTS	2022/11/17
A2022/01493	FOOTWEAR	2022/11/17
A2022/01496	CONTAINER FOR LUBRICANTS	2022/11/17
A2022/01517	WING SHROUDS	2022/11/23
A2022/01518	WING SHROUDS	2022/11/23
A2022/01519	WING SHROUDS	2022/11/23
A2022/01520	WING SHROUDS	2022/11/23
A2022/01528	BOXES	2022/11/28
A2022/01539	BUSES	2022/11/30
A2022/01540	BUSES	2022/11/30
A2022/01541	BUSES	2022/11/30
A2022/01572	MODULAR HYDROPONIC TOWER	2022/12/02
A2022/01574	Motorcycle	2022/12/05
A2022/01576	TROLLY	2022/12/05
A2022/01579	Adapter	2022/12/06
A2022/01586	Cuvette	2022/12/08
A2022/01587	Cover for a Food Dish	2022/12/08
A2022/01597	Grape Bag	2022/12/09

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A2022/01598	Sealable Bag	2022/12/09
A2022/01613	Bottle Crate	2022/12/12
A2022/01617	ROLLER APPLICATOR	2022/12/12
A2022/01618	ROLLER APPLICATOR	2022/12/12
A2022/01620	Fishing Sinker	2022/12/13
A2022/01646	Perfume Bottle	2022/12/15
A2022/01647	Packaging Carton	2022/12/15
A2022/01648	Packaging Carton	2022/12/15
A2022/01649	Packaging Carton	2022/12/15
A2022/01656	PERSONAL TRANSPORT VEHICLES	2022/12/15
A2022/01657	PERSONAL TRANSPORT VEHICLES	2022/12/15
A2022/01674	SHOULDER PAD	2022/12/20
A2022/01678	MODULAR KITCHEN UNIT FRAME	2022/12/22
A2022/01681	MODULAR KITCHEN UNIT	2022/12/22
A2022/01683	MODULAR KITCHEN UNIT	2022/12/22
A2022/01689	SNUS CAN	2022/12/22
A2023/00001	A PACKAGING CONTAINER	2023/01/03
A2023/00003	A PACKAGING CONTAINER	2023/01/03
A2023/00007	BOOT	2023/01/03
A2023/00008	A PAIR OF SOLES	2023/01/03
A2023/00009	A PAIR OF SOLES	2023/01/03
A2023/00010	A PAIR OF SOLES	2023/01/03
A2023/00011	TEXTILE	2023/01/03
A2023/00074	WASHBASIN	2023/01/16
A2023/00075	WASHBASIN	2023/01/16
A2023/00076	WASHBASIN	2023/01/16
A2023/00169	DOMESTIC SODA-WATER PREPARING DEVICE	2023/02/08
A2023/00287	BOTTLE	2023/02/27
A2023/00288	BOTTLE	2023/02/27
A2023/00289	BEVERAGE BOTTLE	2023/02/27
A2023/00788	SMOKING DEVICE LOWER BODY WITH BATTERY	2023/07/13
A2023/00789	SMOKING DEVICE LOWER BODY WITH BATTERY	2023/07/13
A2023/00790	SMOKING DEVICE UPPER BODY	2023/07/13
F2021/00272	VEHICLE PROTECTION DEVICES	2021/03/18
F2021/01558	CONTAINER	2021/12/22
F2022/00955	TWEEZERS AND APPLICATORS	2022/08/17
F2022/00956	TWEEZERS AND APPLICATORS	2022/08/17
F2022/00957	TWEEZERS AND APPLICATORS	2022/08/17
F2022/01176	BANNER FRAME SYSTEM	2022/10/03
F2022/01343	LATCH STRIKE PLATE	2022/10/24
F2022/01524	A Detonator Holder	2022/11/24
F2022/01529	BLANKS FOR BOXES	2022/11/28
F2022/01573	MODULAR HYDROPONIC TOWER	2022/12/02
F2022/01575	TROLLEY	2022/12/05
F2022/01580	BATTERY MODULE	2022/12/07
F2022/01599	Sealing Strip for Bag	2022/12/09
F2022/01619	MEDICAL DEVICE	2022/12/13

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F2022/01621	MEDICAL DEVICE	2022/12/13
F2022/01622	ROLLER APPLICATOR	2022/12/13
F2022/01623	ROLLER APPLICATOR	2022/12/13
F2022/01636	FOOD STORAGE CONTAINERS	2022/12/14
F2022/01675	SHOULDER PAD	2022/12/20
F2022/01679	MODULAR KITCHEN UNIT FRAME	2022/12/22
F2022/01680	MODULAR KITCHEN UNIT	2022/12/22
F2022/01682	MODULAR KITCHEN UNIT	2022/12/22
F2023/00002	A PACKAGING CONTAINER	2023/01/03
F2023/00004	A PACKAGING CONTAINER	2023/01/03
F2023/00131	PADLOCK BODY	2023/01/30
F2023/00132	CAM FOR PADLOCK	2023/01/30
F2023/00133	PADLOCK SLEEVE	2023/01/30
F2023/00134	CAM SPRING	2023/01/30
F2023/00135	ACTUATOR BAR	2023/01/30
F2023/00182	ENCLOSURES FOR A HOCKEY FIELD	2023/02/13
F2023/00184	ENCLOSURES FOR A HOCKEY FIELD	2023/02/13
F2023/00734	ACCUMULATORS, ELECTRIC	2023/07/05
F2023/00735	ACCUMULATORS, ELECTRIC	2023/07/05
F2023/00738	PORTABLE POWER STATION	2023/07/06