PATENT JOURNAL

INCLUDING TRADE MARKS, DESIGNS AND COPYRIGHT IN CINEMATOGRAPH FILMS

JANUARY 2021 **VOL 54 • No. 01**

Companies and Intellectual Property Commission

a member of the dti group

Part II of II

ISSUED MONTHLY **DATE OF ISSUE: 27 JANUARY 2021**

ISSN 2223-4837

PATENT JOURNAL

INCLUDING TRADE MARKS, DESIGNS AND COPYRIGHT IN CINEMATOGRAPH FILMS

VOL. 54 No. 01 **Date of Issue: 27 JANUARY 2021**

PATENTS, TRADE MARKS, DESIGNS AND COPYRIGHT OFFICE

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

Registrar of Patents, Trade Marks, Designs and Copyright

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2. PATENTS

PATENTS

APPLICATIONS FOR PATENTS

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

. - APPLIED ON 2020/12/21 -

2020/07963 ~ Provisional ~54:WILL AND ESTATE EXPRESS APP ~71:Larine Van Blerk, 21 Tulbagh STreet, South Africa ~72: Larine Van Blerk~

2020/07989 ~ Complete ~54:FUNGICIDES TO PREVENT AND CONTROL FUNGAL PATHOGENS ~71:UNIVERSITÉ DE LAUSANNE, Rue du Bugnon 21, Switzerland ~72: DUBEY, Olga;DUBEY, Sylvain;FARMER, Edward;GINDRO, Katia;NAWRATH, Christiane;SCHNEE, Sylvain~ 33:EP ~31:18182433.5 ~32:09/07/2018

2020/07967 ~ Complete ~54:A ROCK DRILL ROTATION MECHANISM ~71:HYDRO POWER EQUIPMENT (PTY) LTD, 19 Precision Street, Kya Sands, South Africa ~72: BÜHRMANN, Rudolph~ 33:ZA ~31:2019/05503 ~32:19/09/2019

2020/07992 ~ Complete ~54:SYSTEM FOR DETECTING UNCRUSHABLE MATERIALS FOR INSTALLATION IN HEAVY MACHINERY BUCKETS ~71:ALEJANDRO HIDALGO CARRASCO, Avenida El Sauce 1400, Casa 21, Comuna de Huechuraba, Santiago, Chile ~72: ALEJANDRO HIDALGO CARRASCO~ 33:CL ~31:1433-2018 ~32:29/05/2018

2020/07968 ~ Complete ~54:IMMEDIATE RELEASE SOLID DOSAGE FORM COMPRISING TERIFLUNOMIDE AND METHOD OF PREPARATION THEREOF ~71:PHARMATHEN S.A., 6 DERVENAKION STREET, 15351 PALLINI ATTIKIS, GREECE, Greece ~72: FOUSTERIS, Manolis;KAKOURIS, Andreas;KALASKANI, Anastasia;KARAVAS, Evangelos;KOUTRI, Ioanna;KOUTRIS, Efthymios;SAMARA, Vasiliki~

2020/07974 ~ Complete ~54:A ROCK DRILL HOUSING ~71:HYDRO POWER EQUIPMENT (PTY) LTD, 19 Precision St, Kya Sand, Randburg, South Africa ~72: BÜHRMANN, Rudolph~ 33:ZA ~31:2019/05451 ~32:19/09/2019

2020/07993 ~ Complete ~54:METHODS OF REDUCING THE RISK OF CARDIOVASCULAR EVENTS IN A SUBJECT ~71:AMARIN PHARMACEUTICALS IRELAND LIMITED, 2 Pembroke House Upper Pembroke Street 28-32, Dublin 2, Ireland ~72: PARESH SONI~ 33:US ~31:62/735,670 ~32:24/09/2018;33:US ~31:62/735,680 ~32:24/09/2018;33:US ~31:62/758,387 ~32:09/11/2018;33:US ~31:62/813,888 ~32:05/03/2019;33:US ~31:62/818.514 ~32:14/03/2019

2020/07995 ~ Complete ~54:HYPERICIN-PVP COMPLEX WITH HIGH HYPERICIN CONTENT ~71:HYPERICUM LIFESCIENCE GMBH, Erlgasse 48/2, Austria ~72: KUBIN, Andreas~ 33:EP ~31:18183435.9 ~32:13/07/2018

2020/07997 ~ Complete ~54:TRAINING DATA GENERATION FOR ARTIFICIAL INTELLIGENCE-BASED SEQUENCING ~71:ILLUMINA, INC., 5200 Illumina Way, United States of America ~72: DUTTA, Anindita;KASHEFHAGHIGHI, Dorna;KIA, Amirali~ 33:US ~31:62/821,602 ~32:21/03/2019;33:US ~31:62/821,618 ~32:21/03/2019;33:US ~31:62/821,681 ~32:21/03/2019;33:US ~31:62/821,724 ~32:21/03/2019;33:US ~31:62/821,766 ~32:21/03/2019;33:NL ~31:2023310 ~32:14/06/2019;33:NL ~31:2023311 ~32:14/06/2019;33:NL ~31:2023312 ~32:14/06/2019;33:NL ~31:2023314 ~32:14/06/2019;33:NL

~31:2023316 ~32:14/06/2019;33:US ~31:16/825,987 ~32:20/03/2020;33:US ~31:16/825,991 ~32:20/03/2020;33:US ~31:16/826,126 ~32:20/03/2020;33:US ~31:16/826,134 ~32:20/03/2020;33:US ~31:16/826,168 ~32:21/03/2020

2020/07998 ~ Complete ~54:ARTIFICIAL INTELLIGENCE-BASED GENERATION OF SEQUENCING METADATA ~71:ILLUMINA, INC., 5200 Illumina Way, United States of America ~72: DUTTA, Anindita;KASHEFHAGHIGHI, Dorna;KIA, Amirali~ 33:US ~31:62/821,602 ~32:21/03/2019;33:US ~31:62/821,618 ~32:21/03/2019;33:US ~31:62/821,681 ~32:21/03/2019;33:US ~31:62/821,724 ~32:21/03/2019;33:US ~31:62/821,766 ~32:21/03/2019;33:NL ~31:2023310 ~32:14/06/2019;33:NL ~31:2023311 ~32:14/06/2019;33:NL ~31:2023312 ~32:14/06/2019;33:NL ~31:2023314 ~32:14/06/2019;33:NL ~31:2023316 ~32:14/06/2019;33:US ~31:16/825,987 ~32:20/03/2020;33:US ~31:16/825,991 ~32:20/03/2020;33:US ~31:16/826,126 ~32:20/03/2020;33:US ~31:16/826,134 ~32:20/03/2020;33:US ~31:16/826,168 ~32:21/03/2020

2020/08000 ~ Complete ~54:ARTIFICIAL INTELLIGENCE-BASED SEQUENCING ~71:ILLUMINA, INC., 5200 Illumina Way, United States of America ~72: DUTTA, Anindita;GOBBEL, John Randall;JAGANATHAN, Kishore;KASHEFHAGHIGHI, Dorna;KIA, Amirali~ 33:US ~31:62/821,602 ~32:21/03/2019;33:US ~31:62/821,618 ~32:21/03/2019;33:US ~31:62/821,681 ~32:21/03/2019;33:US ~31:62/821,724 ~32:21/03/2019;33:US ~31:62/821,766 ~32:21/03/2019;33:NL ~31:2023310 ~32:14/06/2019;33:NL ~31:2023311 ~32:14/06/2019;33:NL ~31:2023312 ~32:14/06/2019;33:NL ~31:2023314 ~32:14/06/2019;33:NL ~31:2023316 ~32:14/06/2019;33:US ~31:16/825,987 ~32:20/03/2020;33:US ~31:16/825,991 ~32:20/03/2020;33:US ~31:16/826,126 ~32:20/03/2020;33:US ~31:16/826,134 ~32:20/03/2020;33:US ~31:16/826,168 ~32:21/03/2020

2020/07985 ~ Complete ~54:METHOD AND APPARATUS FOR INTRA PREDICTION ~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, Jianle;FILIPPOV, Alexey Konstantinovich;RUFITSKIY, Vasily Alexeevich~ 33:US ~31:62/685,297 ~32:15/06/2018;33:US ~31:62/792,363 ~32:14/01/2019

2020/07966 ~ Complete ~54:A METHOD OF ADVERTISING USING SKILL-BASED AV DISPLAY GAMING ~71:Warren Bedil, 51 Knox Street, Waverley, South Africa ~72: Warren Bedil~

2020/07976 ~ Complete ~54:AGRICULTURAL SAMPLING SYSTEM AND RELATED METHODS ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: HARMAN, Reid;KOCH, Dale;LEVY, Kent;O'NEALL, Matthew;SCHAEFER, Timothy;SPLECHTER, Hayden;SWANSON, Todd;VACCARI, Adam~ 33:US ~31:62/696,271 ~32:10/07/2018;33:US ~31:62/729,623 ~32:11/09/2018;33:US ~31:62/745,606 ~32:15/10/2018;33:US ~31:62/792,987 ~32:16/01/2019;33:US ~31:62/829,807 ~32:05/04/2019;33:US ~31:62/860,297 ~32:12/06/2019

2020/07965 ~ Complete ~54:TOPICAL PHARMACEUTICAL COMPOSITIONS ~71:DERMAVANT SCIENCES GMBH, Viaduktstrasse 8, Switzerland ~72: BEDARD, Mary;DOHERTY, Michael, Quinn;JAIN, Piyush;LENN, Jon, D.;SANTOS, Leandro, L.;SONTI, Sujatha, D.;THOMAS, Joey, Roger;WHITEMAN, Justin, E.~ 33:US ~31:62/165,097 ~32:21/05/2015;33:US ~31:62/324,450 ~32:19/04/2016

2020/07990 ~ Complete ~54:UPDATE OF LOOK UP TABLE: FIFO, CONSTRAINED FIFO ~71:BEIJING BYTEDANCE NETWORK TECHNOLOGY CO., LTD., Room B-0035, 2/F, No.3 Building, No.30, Shixing Road, Shijingshan District,, Beijing, 100041, People's Republic of China;BYTEDANCE INC., 12655 West Jefferson Boulevard, Sixth Floor, Suite No. 137, Los Angeles, California, 90066, United States of America ~72: HONGBIN LIU;KAI ZHANG;LI ZHANG;YUE WANG~ 33:CN ~31:PCT/CN2018/093663 ~32:29/06/2018;33:CN

~31:PCT/CN2018/094929 ~32:07/07/2018;33:CN ~31:PCT/CN2018/101220 ~32:18/08/2018;33:CN ~31:PCT/CN2018/117627 ~32:27/11/2018;33:CN ~31:PCT/CN2019/071214 ~32:10/01/2019

2020/07969 ~ Complete ~54:GRINDER ~71:Samson Bright Industrial Company Limited, 1009, Tower A, Hunghom Commercial Centre, 39 Ma Tau Wai Road, Hunghom, Kowloon, HONG KONG, CHINA (P.R.C.), People's Republic of China ~72: TANG, Yu~ 33:US ~31:16/733,292 ~32:03/01/2020

2020/07972 ~ Complete ~54:SYSTEMS AND METHODS FOR DRILL HEAD POSITION DETERMINATION ~71:CATERPILLAR GLOBAL MINING EQUIPMENT LLC, 3501 S. FM Hwy 1417, United States of America ~72: GLOVER, Rex A.;MOBERG, Carl J.~ 33:US ~31:16/746422 ~32:17/01/2020

2020/07996 ~ Complete ~54:DEVICE FOR CARRYING OUT INTERVENTIONS ON A NUCLEAR FUEL ASSEMBLY ~71:FRAMATOME, 1 place Jean Millier, Tour Areva, France ~72: OUNISSI, Mourad;WEGELER, Pierre~ 33:FR ~31:18 55737 ~32:26/06/2018

2020/07983 ~ Complete ~54:POCKETED SPRING ASSEMBLY HAVING MULTI-LAYERED IMPERMEABLE FABRIC ~71:L&P Property Management Company, 4095 Firestone Boulevard, SOUTH GATE 90280, CA, USA, United States of America ~72: LONG, Austin G.~ 33:US ~31:16/021,919 ~32:28/06/2018

2020/07986 ~ Complete ~54:OXADIAZOLES AS AGONISTS OF THE MUSCARINIC M1 AND/OR M4 RECEPTOR ~71:Heptares Therapeutics Limited, Granta Park, Great Abington, CAMBRIDGE CB21 6DG, UNITED KINGDOM, United Kingdom ~72: BROWN, Giles Albert;TEHAN, Benjamin Gerald;TEOBALD, Barry John~ 33:GB ~31:1810245.9 ~32:22/06/2018

2020/07961 ~ Provisional ~54:DUEL ACTION SOLAR THERMAL ENERGY COLLECTION SYSTEM ~71:Johannes Abraham van Wyk, 626 Carolina street, Faerie Glen, South Africa ~72: Johannes Abraham van Wyk~

2020/07987 ~ Complete ~54:AN AEROSOL GENERATING COMPONENT FOR A TOBACCO HEATING DEVICE AND A MOUTHPIECE THEREFOR ~71:Nicoventures Trading Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: BRANTON, Peter James;GOMEZ, Pablo Javier Ballesteros;HEPWORTH, Richard~ 33:GB ~31:1810738.3 ~32:29/06/2018

2020/07977 ~ Complete ~54:NOVEL STABLE HIGH-CONCENTRATION FORMULATION FOR ANTI-FXIA ANTIBODIES ~71:BAYER AKTIENGESELLSCHAFT, Kaiser-Wilhelm-Allee 1, Leverkusen, Germany ~72: GOMBERT, Niklas;HEKE, Stefan;KLAK, Alexander;PLITZKO, Matthias;SCHNEID, Stefan, Christian;VEURINK, Marieke~ 33:EP ~31:PCT/EP2018/068250 ~32:05/07/2018

2020/07991 ~ Complete ~54:MICROSTRUCTURED MULTICOMPOSITE COPPER MICROPARTICLE WITH ANTIBACTERIAL AND/OR BIOCIDAL ACTIVITY THAT COMPRISES 5 DIFFERENT TYPES OF COPPER COMPOUNDS ~71:COPPERPROTEK SPA, San Carlos de Apoquindo N° 865. Las Condes, Santiago, 7610523, Chile ~72: JAVIER IGNACIO LAVÍN CARRASCO~

2020/07970 ~ Complete ~54:METHOD AND SYSTEM FOR ASSIGNING AND TRACKING PROGRESS OF ACTION ITEMS IN A REVIEW MEETING ~71:Zensar Technologies Limited, Plot#4 Zensar Knowledge Park, MIDC, Kharadi, Off Nagar Road, PUNE 411014, MAHARASHTRA, INDIA, India ~72: CHAURASIA, Aishwarya;KISHORE, Sandeep;KULKARNI, Sumant;KUMAR, Nitesh;S M, Hari Eswar;SAWHNEY, Richa;SOMANI, Shree Krishna~ 33:IN ~31:202021000221 ~32:03/01/2020

2020/07980 ~ Complete ~54:P2X3 RECEPTOR ANTAGONISTS ~71:RECORDATI INDUSTRIA CHIMICA E FARMACEUTICA SPA, Via Matteo Civitali 1, Italy ~72: Carlo RIVA;Davide GRAZIANI;Patrizia ANGELICO;Sergio MENEGON~ 33:GB ~31:1811452.0 ~32:12/07/2018

2020/07999 ~ Complete ~54:ARTIFICIAL INTELLIGENCE-BASED BASE CALLING ~71:ILLUMINA, INC., 5200 Illumina Way, United States of America ~72: GOBBEL, John Randall;JAGANATHAN, Kishore;KIA, Amirali~ 33:US ~31:62/821,602 ~32:21/03/2019;33:US ~31:62/821,618 ~32:21/03/2019;33:US ~31:62/821,681 ~32:21/03/2019;33:US ~31:62/821,724 ~32:21/03/2019;33:US ~31:62/821,766 ~32:21/03/2019;33:NL ~31:2023310 ~32:14/06/2019;33:NL ~31:2023311 ~32:14/06/2019;33:NL ~31:2023312 ~32:14/06/2019;33:NL ~31:2023314 ~32:14/06/2019;33:NL ~31:2023316 ~32:14/06/2019;33:US ~31:16/825,987 ~32:20/03/2020;33:US ~31:16/825,991 ~32:20/03/2020;33:US ~31:16/826,126 ~32:20/03/2020;33:US ~31:16/826,134 ~32:20/03/2020;33:US ~31:16/826,168 ~32:21/03/2020

2020/07982 ~ Complete ~54:DISASSEMBLY TOOLING FOR AXIALLY RETRACTING BEARING INNER RACE ~71:CRRC Zhuzhou Motor Co., Ltd, Tianxin High-Tech Industrial Park, Shifeng District, ZHUZHOU 412000, HUNAN, CHINA (P.R.C.), People's Republic of China ~72: DENG, Xianping;LAN, Wanling;LONG, Yunfeng;OU, Xingzhuo;WANG, Shan;XIA, Hongyong;XIONG, Wenhao;YANG, Xiasha;YANG, Ying;ZHAO, Juncheng~ 33:CN ~31:201910803219.8 ~32:28/08/2019;33:CN ~31:201921416604.9 ~32:28/08/2019

2020/07984 ~ Complete ~54:FORMED BODY BASED ON MAGNESIUM OXIDE AND CALCIUM CARBONATE AND METHOD FOR ITS PREPARATION ~71:Lhoist Recherche et Développement S.A., Rue Charles Dubois 28, OTTIGNIES-LOUVAIN-LA-NEUVE 1342, BELGIUM, Belgium ~72: FISCHER, Uwe~ 33:DE ~31:10 2018 115 939.0 ~32:02/07/2018

2020/07962 ~ Provisional ~54:SCHIFF BASE FUNCTIONALISED METAL NANOPARTICLE CATALYSTS AND THEIR USE IN OLEFIN POLYMERIZATION ~71:STELLENBOSCH UNIVERSITY, Admin B, Victoria Street, Stellenbosch, Western Cape, 7600, South Africa ~72: REHANA MALGAS-ENUS~

2020/07975 ~ Complete ~54:PRECISION DELIVERY OF ENERGY UTILIZING HOLOGRAPHIC ENERGY TELEPORTATION (HET) WITH TIME-CORRELATED STANDING-WAVE INTERFERENCE AND COHERENT INTENSITY AMPLIFICATION ~71:HOLOBEAM TECHNOLOGIES INC., 936 Roxbury Drive, Westbury, New York, United States of America ~72: DOLGOFF, Gene~ 33:US ~31:62/671,632 ~32:15/05/2018

2020/07988 ~ Complete ~54:PCBN SINTERED COMPACT ~71:Diamond Innovations, Inc., 6325 Huntley Road, WORTHINGTON 43085, OH, USA, United States of America ~72: DUES, Lawrence~

2020/07973 ~ Complete ~54:SPECIAL FLAME-RETARDANT, ANTISTATIC, ABRASION-RESISTANT AND RODENT-RESISTANT MATERIAL FOR OUTER LAYER OF POWER PIPELINE AND PREPARATION METHOD THEREOF ~71:GUIZHOU INSTITUTE OF MATERIALS INDUSTRY TECHNOLOGY, GUIZHOU SCIENCE CITY, NO. 3491, BAIJIN AVENUE, BAIYUN DISTRICT, People's Republic of China ~72: GUO, JIANBING;QIN, SHUHAO;XU, DINGHONG;ZHANG, KAI~

2020/07994 ~ Complete ~54:MEANS AND METHODS FOR CLEAVAGE OF ZEARALENONE ~71:ERBER AKTIENGESELLSCHAFT, Erber Campus 1, Austria ~72: ALESCHKO, Markus;BINDER, Eva-Maria;FRUHAUF, Sebastian;HOEBARTNER, Andreas;MOLL, Wulf-Dieter;PFEFFER, Martin;SCHATZMAYR, Gerd;THAMHESL, Michaela~ 33:EP ~31:18186532.0 ~32:31/07/2018

2020/07971 ~ Complete ~54:THE PROCESSING OF A FEED MATERIAL CONTAINING PLATINUM GROUP METALS ~71:GLENCORE OPERATIONS SOUTH AFRICA (PROPRIETARY) LIMITED, 3rd Floor 39 Melrose Boulevard, Melrose Arch, 2196, South Africa ~72: BAREND JOHANNES VAN DER WALT;NICHOLAS FINCH DAWSON~ 33:ZA ~31:2019/06228 ~32:20/09/2019

2020/08007 ~ Complete ~54:A DYNAMIC DETECTION AND ITS ASSESSMENT METHOD OF IMPACT RISK BASED ON RESPONSE PARAMETERS WHILE DRILLING ~71:China University of Mining and Technology, No.1 Daxue Road, People's Republic of China;Xuzhou Hongyi Technology Development Co., Ltd, No.20-1-611, Zhongneng Science Park, Sanhuan South Road, Quanshan District, People's Republic of China;Xuzhou Wushuo Information Technology Co., Ltd, Room 209-2, 2/F, Science and Technology Building, Keji Avenue, Quanshan District, People's Republic of China ~72: Anye CAO;Chengchun XUE;Guifeng WANG;Jianqiu XUE;Xianxi BAI;Yaoqi LIU~

2020/07978 ~ Complete ~54:METHOD AND APPARATUS FOR SEPARATING ORGANICS FROM A CONTAMINATED ORGANICS-INORGANICS WASTE STREAM ~71:Cedric Jean-Luc Vanderbeken, Avenue Emile Beco 100 boite 10, IXELLES, BRUSSELS, 1050, Belgium ~72: Cedric Jean-Luc Vanderbeken;Marc Alphonse Vanderbeken;Olivier Hugo Christopher Dany Vanderbeken~

2020/07979 ~ Complete ~54:METHOD FOR INCREASING THE METERING PRECISION OF MICROFLUIDIC PUMPS OR VALVES AND WELDING DEVICE AND TENSIONING DEVICE FOR CARRYING OUT THE METHOD ~71:M2P-LABS GMBH, Arnold-Sommerfeld-Ring 2, Germany ~72: Alexander KREMERS;Christoph PETRY;Karlheinz HILDENBRAND;Niklas FRISCHE~ 33:DE ~31:10 2018 009 860.6 ~32:19/12/2018

2020/07981 ~ Complete ~54:PROTEIN KINASE INHIBITORS FOR PROMOTING LIVER REGENERATION OR REDUCING OR PREVENTING HEPATOCYTE DEATH ~71:HepaRegeniX GmbH, Eisenbahnstr. 63, TÜBINGEN 72072, GERMANY, Germany ~72: ALBRECHT, Wolfgang;KLÖVEKORN, Phillip;LAUFER, Stefan;PRÄFKE, Bent;SELIG, Roland~ 33:EP ~31:18183712.1 ~32:16/07/2018

. - APPLIED ON 2020/12/22 -

2020/08001 ~ Provisional ~54:ORIENTATING DEVICE ~71:Piquante Brands International (Pty) Ltd, First Floor, North Block, Culross Court, 16 Culross Street, Bryanston, Gauteng, 2191, South Africa ~72: BAKER, Richard Francis Rayment;HAVENGA, Barend Petrus;ROETS, Wietsche~

2020/08015 ~ Complete ~54:AN EASY ASSEMBLE AND STABLE SCAFFOLD ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: LI, Yang;WANG, Mengmeng~ 33:CN ~31:202011433112.8 ~32:09/12/2020

2020/08026 ~ Complete ~54:A TECHNOLOGY INTERMEDIARY SERVICE PLATFORM ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: LI, Yang;WANG, Mengmeng~ 33:CN ~31:202011512745.8 ~32:20/12/2020

2020/08035 ~ Complete ~54:DENTIFRICE COMPRISING CARBOXYLIC ACID OR ALKALI METAL SALT THEREOF AND A SOURCE OF FREE FLUORIDE IONS ~71:GlaxoSmithKline Consumer Healthcare (UK) IP Limited, 980 Great West Road, BRENTFORD TW8 9GS, MIDDLESEX, UNITED KINGDOM, United Kingdom ~72: CREETH, Jonathan Edward;KHAN, Shazada Yassar;LYNCH, Richard;URQUHART, David~ 33:GB ~31:1811061.9 ~32:05/07/2018

2020/08038 ~ Complete ~54:DEVICE FOR DETECTING AND POSITIONING SPHERICAL ELEMENT ~71:TSINGHUA UNIVERSITY, 30, Shuangqing Road, Haidian District, Beijing, 100084, People's Republic of China ~72: HAIQUAN ZHANG;HONGKE LI;JIGUO LIU;JUNFENG NIE;LIGUO ZHANG;XIN WANG;YUJIE DONG;ZUOYI ZHANG~ 33:CN ~31:201811644039.1 ~32:30/12/2018

2020/08095 ~ Complete ~54:HUMANIZED ANTIBODIES AGAINST PSMA ~71:Heidelberg Pharma Research GmbH, Gregor-Mendel-Strasse 22, Germany ~72: Andreas PAHL;Torsten HECHLER~ 33:EP ~31:18186591.6 ~32:31/07/2018

2020/08032 ~ Complete ~54:NANOSTRUCTURED ANODE, METHOD FOR PRODUCING SAME AND USE ~71:UNIVERSIDAD TECNICA FEDERICO SANTA MARIA, Av. España No. 1680, Chile ~72: DEL CAMPO SFEIR, Valeria Isabel;ESPINOZA SEREY, Rene Alfredo;FUENTES ZEPEDA, Raúl Antonio;HÄBERLE TAPIA, Patricio;HENRÍQUEZ CORREA, Ricardo Andrés;PARRA GONZÁLEZ, Carolina Ivon;RIVEROS PATRONI, Gonzalo Antonio~

2020/08040 ~ Complete ~54:AMPHIREGULIN GENE-SPECIFIC DOUBLE-STRANDED OLIGONUCLEOTIDE AND COMPOSITION FOR PREVENTING AND TREATING FIBROSIS-RELATED DISEASES AND RESPIRATORY DISEASES, COMPRISING SAME ~71:BIONEER CORPORATION, 8-11, Munpyeongseo-ro, Daedeok-gu, Daejeon, 34302, Republic of Korea ~72: HAN-OH PARK;JUN-HONG PARK;PYOUNG OH YOON;SEON JOO BAE;SEUNG SEOB SON;SUNG II YUN;TAE-RIM KIM;YOUNGHO KO~ 33:KR ~31:10-2018-0059783 ~32:25/05/2018

2020/08043 ~ Complete ~54:USE OF MULTIPLE HYDROPHOBIC INTERACTION CHROMATOGRAPHY FOR PREPARING A POLYPEPTIDE FROM A MIXTURE ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, New York, 10591, United States of America ~72: ISABELLE LIVIGNI;JAMES REILLY;JOHN MATTILA;STEFANIE MCDERMOTT~ 33:US ~31:62/693,024 ~32:02/07/2018

2020/08013 ~ Complete ~54:A PORTABLE TRIMMING DEVICE FOR GREENING ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: LI, Yang;WANG, Mengmeng~ 33:CN ~31:202011429942.3 ~32:09/12/2020

2020/08034 ~ Complete ~54:IVOSIDENIB FORMS AND PHARMACEUTICAL COMPOSITIONS ~71:Agios Pharmaceuticals, Inc., 88 Sidney Street, CAMBRIDGE 02139, MA, USA, United States of America ~72: GU, Chong-Hui;SIZEMORE, Jacob Paul;ZHANG, Shijie~ 33:US ~31:62/694,596 ~32:06/07/2018

2020/08012 ~ Complete ~54:PRESS MACHINE WITH FEEDING DEVICE ~71:GUANGDONG LIANXING FORGING MACHINE INDUSTRY CO., LTD, No. 18, Wenhai Section, Baichen Road, Chencun Town, Shunde District, Foshan City, Guangdong, 528300, People's Republic of China ~72: NINGTAO RUAN~ 33:CN ~31:202020341298.3 ~32:17/03/2020;33:CN ~31:202010408389.9 ~32:14/05/2020

2020/08019 ~ Complete ~54:AN INFORMATION TECHNOLOGY CONSULTING SERVICE PLATFORM BASED ON BIG DATA ANALYSIS AND COLLECTION ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: LI, Yang;WANG, Mengmeng~ 33:CN ~31:202011429944.2 ~32:09/12/2020

2020/08023 ~ Complete ~54:A SLOTTING DEVICE FOR MUNICIPAL GARDEN CONSTRUCTION ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: LI, Yang;WANG, Mengmeng~ 33:CN ~31:202011492858.6 ~32:17/12/2020

2020/08008 ~ Complete ~54:A COMPUTERISED METHOD AND SYSTEM FOR STUDENT ASSESSMENT ~71:PACE CAREER CENTRE (PTY) LTD., 18 Greyston Road, Milnerton, CAPE TOWN 7441, SOUTH AFRICA, South Africa ~72: HERR, Avron~ 33:ZA ~31:2020/00571 ~32:29/01/2020

2020/08010 ~ Complete ~54:AN INTELLIGENT HOLDING FRAME FOR PRECISION MEASURING EQUIPMENT FOR CONSTRUCTION ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: LI, Yang;WANG, Mengmeng~ 33:CN ~31:202011429933.4 ~32:09/12/2020

2020/08005 ~ Provisional ~54:DATA COLLECTION AND TRACKING SYSTEM ~71:RESONANCE AUSTRALIA (PTY) LTD, Level 3 (suite 305), 2 Grosvenor Street, Australia ~72: NEISHLOS, Hanoch~

2020/08044 ~ Complete ~54:HETEROARYL COMPOUNDS FOR TREATING HUNTINGTON'S DISEASE ~71:PTC THERAPEUTICS, INC., 100 Corporate Court Middlesex Business Center, South Plainfield, New Jersey, 07080, United States of America ~72: ANDREW J KASSICK;ANTHONY R MAZZOTTI;ANTHONY TURPOFF;ANURADHA BHATTACHARYYA;GARY MITCHELL KARP;GUANGMING CHEN;JANA NARASIMHAN;MATTHEW G WOLL;NADIYA SYDORENKO;NANJING ZHANG;SCOTT J BARRAZA;SURESH BABU;WUMING YAN;YOUNG-CHOON MOON~ 33:US ~31:62/690,540 ~32:27/06/2018

2020/08003 ~ Provisional ~54:DESEEDING DEVICE ~71:Piquante Brands International (Pty) Ltd, First Floor, North Block, Culross Court, 16 Culross Street, Bryanston, Gauteng, 2191, South Africa ~72: BAKER, Richard Francis Rayment;HAVENGA, Barend Petrus;ROETS, Wietsche~

2020/08027 ~ Complete ~54:ISOTHIAZOLO[5,4-D]PYRIMIDINE COMPOUND AS IRAK4 INHIBITOR ~71:CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., No.369 Yuzhou South Rd, Lianyungang, People's Republic of China;MEDSHINE DISCOVERY INC., Room 218, No.9 Gaoxin Road, Jiangbei New District, People's Republic of China ~72: CHEN, Shuhui;LI, Jian;LI, Jie;TAN, Haizhong;WANG, Jianfei;ZHANG, Yang~ 33:CN ~31:201810662580.9 ~32:25/06/2018;33:CN ~31:201910463156.6 ~32:30/05/2019

2020/08033 ~ Complete ~54:METHOD AND APPARATUS FOR MONITORING USER EFFECTIVENESS DURING OPERATION OF AN EXERCISE MACHINE ~71:WATTBIKE IP LIMITED, Vermont House, Nottingham South & Wilford Industrial Estate, United Kingdom ~72: WAINWRIGHT, Barney~ 33:GB ~31:1810397.8 ~32:25/06/2018

2020/08039 ~ Complete ~54:METHODS OF USE OF CD24 FOR THE PREVENTION AND TREATMENT OF LEUKEMIA RELAPSE ~71:ONCOIMMUNE, INC., 9430 Key West Avenue,Suite 113, Rockvillle, Maryland, 20850, United States of America;UNIVERSITY OF MARYLAND, BALTIMORE, Office of Technology Transfer 620 West Lexington Street, 4th Floor Baltimore, Maryland, 21201, United States of America ~72: MARTIN DEVENPORT;PAN ZHENG;YANG LIU~ 33:US ~31:62/680,218 ~32:04/06/2018;33:US ~31:62/739,719 ~32:01/10/2018;33:US ~31:62/739,742 ~32:01/10/2018

2020/08009 ~ Complete ~54:CELLULAR BASE STATION ~71:ACE ENVIRONMENTAL SOLUTIONS (PTY) LIMITED, 1 Larch Nook, Suite 13B, Benchmark Office Park, South Africa ~72: UYS, Johannes Gerhardus;VISAGIE, Gert Maritz~ 33:ZA ~31:2019/08130 ~32:09/12/2019

2020/08016 ~ Complete ~54:A SERVICE PLATFORM FOR PROMOTING NEW MATERIAL TECHNOLOGY ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: WANG, Mengmeng~ 33:CN ~31:202011429934.9 ~32:09/12/2020

2020/08018 ~ Complete ~54:A PUBLIC SERVICE PLATFORM BASED ON INTERNET OF THINGS ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: LI, Yang~ 33:CN ~31:202011433114.7 ~32:09/12/2020

2020/08041 ~ Complete ~54:METHODS OF USE OF CD24 FOR THE PREVENTION AND TREATMENT OF GRAFT VERSUS HOST DISEASE AND MUCOSITIS ~71:ONCOIMMUNE, INC., 9430 Key West Avenue,Suite 113, Rockvillle, Maryland, 20850, United States of America ~72: MARTIN DEVENPORT;PAN ZHENG;YANG LIU~ 33:US ~31:62/680,218 ~32:04/06/2018;33:US ~31:62/739,719 ~32:01/10/2018;33:US ~31:62/739,742 ~32:01/10/2018

2020/08020 ~ Complete ~54:A SCIENTIFIC AND TECHNOLOGICAL INFORMATION CONSULTING SYSTEM ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: LI, Yang;WANG, Mengmeng~ 33:CN ~31:202011512759.X ~32:20/12/2020

2020/08029 ~ Complete ~54:OPTIMIZED BIOPROCESSING METHOD ~71:MEGAW, Darren Craig, 10 Hibiscus St, South Africa ~72: CRUNDWELL, Frank Kenneth;MEGAW, Darren Craig~ 33:AP ~31:AP/P/2018/010837 ~32:28/06/2018

2020/08030 ~ Complete ~54:COMBINATION OF FACTOR VII AND A BISPECIFIC ANTI-FACTOR IX AND X ANTIBODY ~71:LABORATOIRE FRANÇAIS DU FRACTIONNEMENT ET DES BIOTECHNOLOGIES, 3 Avenue Des Tropiques, ZA de Courtaboeuf, France ~72: PLANTIER, Jean-Luc~ 33:FR ~31:1855239 ~32:14/06/2018

2020/08036 ~ Complete ~54:SUSPENSION PROCESS FOR PREPARING ETHYLENE COPOLYMERS IN A REACTOR CASCADE ~71:Basell Polyolefine GmbH, Brühler Straße 60, WESSELING 50389 , GERMANY, Germany ~72: CARVAJAL, Rodrigo;DAMM, Elke;KUEHL, Reinhard~ 33:EP ~31:18179141.9 ~32:21/06/2018

2020/08002 ~ Provisional ~54:PRODUCE HOLDER ~71:Piquante Brands International (Pty) Ltd, First Floor, North Block, Culross Court, 16 Culross Street, Bryanston, Gauteng, 2191, South Africa ~72: BAKER, Richard Francis Rayment - United Kingdom;HAVENGA, Barend Petrus;ROETS, Wietsche~

2020/08014 ~ Complete ~54:A CONVENIENT AND STABLE WARNING ROADBLOCK ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: LI, Yang~ 33:CN ~31:202011433113.2 ~32:09/12/2020

2020/08028 ~ Complete ~54:ANTHELMINTHIC HETEROCYCLIC COMPOUNDS ~71:BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC., 3239 Satellite Blvd., Duluth, Georgia, United States of America;BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG, Bingerstrasse 173, Germany ~72: KOOLMAN, Hannes Fiepko;LEE, Hyoung, Ik;LONG, Alan~ 33:US ~31:62/695,656 ~32:09/07/2018

2020/08006 ~ Provisional ~54:BEVERAGE COOLER ~71:WIGGILL, Stephen Johan, 66 Wilkes Road, South Africa ~72: WIGGILL, Stephen Johan~

2020/08017 ~ Complete ~54:AN ENCRYPTED INTERMEDIARY SERVICE PLATFORM FOR SCIENCE AND TECHNOLOGY ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe

East Road, Yicheng District, Henan Province, People's Republic of China ~72: LI, Yang~ 33:CN ~31:202011429966.9 ~32:09/12/2020

2020/08024 ~ Complete ~54:AN AUXILIARY LIFTING EQUIPMENT FOR CONSTRUCTION OF ROADS AND BRIDGES IN TRANSPORTATION ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: WANG, Mengmeng~ 33:CN ~31:202011492859.0 ~32:17/12/2020

2020/08037 ~ Complete ~54:ELECTROSURGICAL INSTRUMENT ~71:Creo Medical Limited, Creo House Unit 2, Beaufort Park, Beaufort Park Way, CHEPSTOW NP16 5UH, WALES, UNITED KINGDOM, United Kingdom ~72: BURN, Patrick;HANCOCK, Christopher Paul;SHAH, Pallav~ 33:GB ~31:1811433.0 ~32:12/07/2018

2020/08025 ~ Complete ~54:A GARDEN SPRINKLER DEVICE WITH ADJUSTABLE SPRAYING RANGE ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: LI, Yang~ 33:CN ~31:202011512744.3 ~32:20/12/2020

2020/08011 ~ Complete ~54:POLYETHER DERIVATIVES, USES, AND METHODS OF MAKING THE SAME ~71:P2 SCIENCE, INC., 4 Research Drive, Woodbridge, Connecticut, 06525, United States of America ~72: PATRICK FOLEY;TANIA SALAM;YONGHUA YANG~ 33:US ~31:62/539,319 ~32:31/07/2017;33:US ~31:62/617,924 ~32:16/01/2018;33:US ~31:62/662,177 ~32:24/04/2018

2020/08031 ~ Complete ~54:PROBIOTIC COMPOSITIONS AND USES THEREOF ~71:PROBI AB, Ideongatan 1A, Sweden ~72: LARSSON, Niklas;LAZOU AHRÉN, Irini;OHLSSON, Claes Sven Anders~ 33:GB ~31:1809947.3 ~32:18/06/2018;33:GB ~31:1905389.1 ~32:16/04/2019

2020/08042 ~ Complete ~54:COVERING FOR UNDERLAYS OF FLOORING ~71:PROGRESS PROFILES SPA, Via Le Marze, 7, 31011, Asolo, Italy ~72: DENNIS BORDIN~ 33:IT ~31:102018000005884 ~32:31/05/2018

2020/08045 ~ Complete ~54:RNA-GUIDED NUCLEASES AND ACTIVE FRAGMENTS AND VARIANTS THEREOF AND METHODS OF USE ~71:LIFEEDIT, INC., P.O. Box 14069, Durham, North Carolina, 27709, United States of America ~72: ALEXANDRA BRINER CRAWLEY;MICHAEL COYLE;RODOLPHE BARRANGOU;TEDD D ELICH;TYSON D BOWEN~ 33:US ~31:62/680,845 ~32:05/06/2018;33:US ~31:62/680,846 ~32:05/06/2018;33:US ~31:62/680,853 ~32:05/06/2018;33:US ~31:62/680,859 ~32:05/06/2018;33:US ~31:62/680,862 ~32:05/06/2018;33:US ~31:62/680,863 ~32:05/06/2018;33:US ~31:62/686,901 ~32:19/06/2018;33:US ~31:62/805,041 ~32:13/02/2019;33:US ~31:62/805,045 ~32:13/02/2019

2020/08021 ~ Complete ~54:APPARATUS FOR EFFICIENT MIXING OF BUILDING MATERIALS ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: LI, Yang~ 33:CN ~31:202011469096.8 ~32:14/12/2020

2020/08096 ~ Complete ~54:METHOD FOR PRODUCING PRESSED PRODUCTS AND ASSEMBLY FOR PRODUCING PRESSED PRODUCTS ~71:TU BERGAKADEMIE FREIBERG, Akademiestr. 6, Germany ~72: André SCHMIDT;Felix STÖHR;Franz FEHSE;Gerd KOHLHASE;Hans-Werner SCHRÖDER;Thomas SCHMIDT~ 33:DE ~31:10 2018 115 881.5 ~32:29/06/2018;33:DE ~31:10 2018 120 529.5 ~32:22/08/2018

2020/08022 ~ Complete ~54:A PILE PROTECTION DEVICE FOR POSITIONING OF ROAD AND BRIDGE PILES ~71:HENAN YUZHUO INFORMATION TECHNOLOGY CO., LTD., Room 607, North High-tech Zone Comprehensive Service Center, 300 meters east of the intersection of Jinqiao Xingye Avenue and Binhe East Road, Yicheng District, Henan Province, People's Republic of China ~72: LI, Yang~ 33:CN ~31:202011492853.3 ~32:17/12/2020

2020/08004 ~ Provisional ~54:PNEUMATIC DESEEDING DEVICE ~71:Piquante Brands International (Pty) Ltd, First Floor, North Block, Culross Court, 16 Culross Street, Bryanston, Gauteng, 2191, South Africa ~72: BAKER, Richard Francis Rayment;HAVENGA, Barend Petrus;ROETS, Wietsche~

2020/08046 ~ Complete ~54:TRACK ASSEMBLY FOR A MACHINE ~71:CATERPILLAR INC., 100 NE Adams Street Peoria, United States of America ~72: AKINLUA, Temitope O.;GALAT, Michael S.~ 33:US ~31:16/019,117 ~32:26/06/2018

. - APPLIED ON 2020/12/23 -

2020/08074 ~ Complete ~54:METHOD FOR DECONTAMINATING A STRUCTURAL ELEMENT OF A NUCLEAR REACTOR ~71:Joint Stock Company "Rosenergoatom", ul. Ferganskaya, d. 25, MOSCOW 109507, RUSSIA, Russian Federation;Joint Stock Company "Science and Innovations", Staromonetniy per., d. 26, MOSCOW 119180, RUSSIA, Russian Federation;Limited Liability Company "Intro-Micro", Ligovskiy pr., d. 29, liter A, pomeshchenie 12-N, ST.PETERSBURG 191036, RUSSIA, Russian Federation ~72: PETROVSKAYA, Anna Stanislavovna;STAKHIV, Mikhail Romanovich;TSYGANOV, Aleksandr Borisovich~ 33:RU ~31:2018140999 ~32:21/11/2018

2020/08097 ~ Complete ~54:HIGH PRESSURE INFLATABLE BEAM ~71:ZEPELIN, S.R.O., Gen. M. R. Štefánika 7061, Slovakia ~72: Henrich HODÁK;Juraj BREZAN;Pavol OCHODNICKÝ~ 33:SK ~31:PUV 50059-2018 ~32:08/06/2018

2020/08049 ~ Provisional ~54:A METHOD AND SYSTEM FOR PROCESSING FINANCIAL TRANSACTIONS FOR A CUSTOMER ~71:BENLACHTAR, Yannis, 56 Riva Building, 104-120 Lee High Road, United Kingdom ~72: BENLACHTAR, Yannis~

2020/08061 ~ Complete ~54:METHODS AND SYSTEMS FOR CRYOPRESERVATION AND RESUSPENSION OF BODY FLUIDS ~71:VITALANT, 6210 E. Oak Street, Scottsdale, Arizona, 85257, United States of America ~72: LARRY J DUMONT~ 33:US ~31:62/678,765 ~32:31/05/2018

2020/08087 ~ Complete ~54:DEVICE FOR CONFINING NUCLEAR REACTOR CORE MELT ~71:Joint-Stock Company "Atomenergoproekt", ul. Bakuninskaya, 7, MOSCOW 107996, RUSSIA, Russian Federation ~72: DZBANOVSKAYA, Tatyana Yaropolkovna;ROSHCHIN, Mihail Aleksandrovich;SIDOROV, Aleksandr Stalevich~ 33:RU ~31:2018133765 ~32:25/09/2018

2020/08052 ~ Provisional ~54:PREPAID SOLAR ELECTRICITY FOR VARIABLE LOADS ~71:Tonye Irims, 56 Kruger Street , Forum Building , Bronkhorstspruit 1020, South Africa ~72: Tonye Irims~

2020/08058 ~ Complete ~54:A LINED MATERIAL STORAGE AND/OR HANDLING FACILITY ~71:RULA HOLDINGS (PTY) LTD., 42 Kielboot Avenue, Laser Park, Honeydew, 2040, South Africa ~72: ROELF FREDRICK ODENDAAL~ 33:ZA ~31:2019/08381 ~32:17/12/2019

2020/08064 ~ Complete ~54:TOILET HAVING A BIDET SHOWER ~71:DENIS ETHIER, 2108-3581, Gouin E., Montréal, Québec, H1H 0A1, Canada ~72: DENIS ETHIER~ 33:GB ~31:1809139.7 ~32:04/06/2018

2020/08080 ~ Complete ~54:NUCLEAR REACTOR FUEL ASSEMBLY MANUFACTURING METHOD ~71:Publichnoe Aktsionernoe Obshchestvo "Novosibirsky Zavod Khimkontsentratov" (Pao Nzhk), ul. B. Khmelnitskogo, d. 94, NOVOSIBIRSK 630110, RUSSIA, Russian Federation ~72: BUIMOV, Sergei Anatolyevich;MUSTAFAEV, Rasim Farmanogly;STRUKOV, Aleksandr Vladimirovich;TLUSTY, Anatoly Savvich;YUDINA, Elena Vasilyevna;ZELENKOV, Evgeny Gennadyevich~

2020/08065 ~ Complete ~54:MUC16 SPECIFIC CHIMERIC ANTIGEN RECEPTORS AND USES THEREOF ~71:PRECIGEN, INC., 1750 Kraft Drive, Suite 1400, Blacksburg, Virginia, 24060, United States of America ~72: HELEN SABZEVARI;RUTUL R SHAH~ 33:US ~31:62/680,297 ~32:04/06/2018

2020/08068 ~ Complete ~54:USE OF HIGH-TEMPERATURE-RESISTANT CAS PROTEIN, AND METHOD AND REAGENT KIT FOR DETECTING TARGET NUCLEIC ACID MOLECULE ~71:SHANGHAI TOLO BIOTECHNOLOGY COMPANY LIMITED, Room 246, Block A, 2F, 420 Fenglin Road, Xuhui District, Shanghai, 200032, People's Republic of China ~72: JIN WANG;SHIYUAN LI~ 33:CN ~31:201810560284.8 ~32:03/06/2018

2020/08078 ~ Complete ~54:APPARATUS FOR DRYING SPENT ION-EXCHANGE RESINS ~71:Joint Stock Company "Rosenergoatom", ul. Ferganskaya, d. 25, MOSCOW 109507, RUSSIA, Russian Federation;Science and Innovations - Nuclear Industry Scientific Development, Private Enterprise, ul. B. Ordynka, d. 24, et. 8, kab. 820, MOSCOW 119017, RUSSIA, Russian Federation ~72: BELOKON', Denis Evgen'evich;KOLCHANOV, Aleksandr Valer'evich;KUKIEV, Dmitriy Arkhipovich~ 33:RU ~31:2019112024 ~32:19/04/2019

2020/08098 ~ Complete ~54:HETEROCYCLIC SPIRO COMPOUNDS AS MAGL INHIBITORS ~71:PFIZER INC., 235 East 42nd Street, United States of America ~72: BRODNEY, Michael, Aaron;BUTLER, Christopher, Ryan;MCALLISTER, Laura, Ann;O'NEIL, Steven Victor~ 33:US ~31:62/700,386 ~32:19/07/2018

2020/08054 ~ Complete ~54:TEMPERATURE CONTROL SYSTEM BASED ON IMPROVED AUTOMATIC DISTURBANCE REJECTION TECHNOLOGY FOR CHEMICAL PRODUCTION ~71:ANHUI UNIVERSITY OF SCIENCE & TECHNOLOGY, No.168 Taifeng Road, Shannan New District, People's Republic of China ~72: OUYANG, Mingsan;WANG, Yunlong~ 33:CN ~31:201911345699.4 ~32:24/12/2019

2020/08055 ~ Complete ~54:TARGET TRACKING METHOD BASED ON SIAMESE NEURAL NETWORK ~71:JILIN UNIVERSITY, NO.2699 QIANJIN STREET, People's Republic of China ~72: LI, XINCHAO;LIU, HONGQI;WANG, YONG;XIE, WENJIE~

2020/08075 ~ Complete ~54:MELT CONFINEMENT DEVICE ~71:Joint-Stock Company "Atomenergoproekt", ul. Bakuninskaya, d.7, MOSCOW 107996, RUSSIA, Russian Federation ~72: DZBANOVSKAYA, Tatyana Yaropolkovna;SIDOROV, Aleksandr Stalevich;SIDOROVA, Nadezhda Vasilievna~ 33:RU ~31:2018146642 ~32:26/12/2018

2020/08062 ~ Complete ~54:PHARMACEUTICALLY ACCEPTABLE SALTS OF SEPIAPTERIN ~71:PTC THERAPEUTICS MP, INC., 100 Corporate Court, South Plainfield, New Jersey, 07080, United States of America ~72: DANIEL E LEVY;HIROSHI YOSHINO;JONATHAN REIS;KAITO KISHIMOTO;NEIL SMITH;SHUNICHI MURATA;TAICHI KOMODA;TAKAYOSHI MATSUMOTO;YUICHI SHIRO~ 33:US ~31:62/678,025 ~32:30/05/2018;33:US ~31:62/726,612 ~32:04/09/2018;33:US ~31:62/822,336 ~32:22/03/2019;33:GC ~31:2019/37661 ~32:28/05/2019

2020/08091 ~ Complete ~54:APPARATUS FOR MONITORING ALPHA CONTAMINATION OF NUCLEAR FUEL RODS ~71:Public Joint Stock Company "Mashinostroitelny Zavod", Karl Marx str., 12, ELEKTROSTAL 144001, MOSCOW REGION, RUSSIA, Russian Federation ~72: ANTOSCHENKOV, Alexsey

Yur'yevich;CHEREVIK, Viktor Mikhaylovich;KUPTSOV, Sergey Viktorovich;SHEVCHENKO, Leonid Evgen'evich;YELAGIN, Yuriy Nikolaeyvich~ 33:RU ~31:2018140445 ~32:16/11/2018

2020/08051 ~ Provisional ~54:WATER TREATMENT ~71:CONTROL CHEMICALS (PTY) LTD, 70 Thirteenth Road, Kew, Johannesburg 2090, Gauteng, SOUTH AFRICA, South Africa ~72: BUCHAN, Peter James~

2020/08071 ~ Complete ~54:NUCLEAR FUEL ASSEMBLY MANUFACTURING METHOD, NUCLEAR FUEL ASSEMBLY MANUFACTURING PLANT AND METHOD OF EXPANDING SUCH A PLANT ~71:FRAMATOME, 1 place Jean Millier Tour Areva, France ~72: FALGE, Andreas;FAYARD, Amaury;MERCIER, Lawrence~ 33:EP ~31:PCT/IB2018/001153 ~32:05/07/2018

2020/08069 ~ Complete ~54:PROCESSING OF IMPULSE NOISE IN A VIDEO SEQUENCE ~71:ÉLECTRICITÉ DE FRANCE, 22-30, avenue de Wagram, 75008, Paris, France ~72: NICOLAS PAUL~ 33:FR ~31:18 55955 ~32:29/06/2018

2020/08079 ~ Complete ~54:METHOD FOR PRODUCING MONOPHASE SALTS OF ACTINIDES AND DEVICE FOR PRODUCING SAME ~71:Joint-Stock Company «Khlopin Radium Institute», 2-y Murinsky prospekt, 28, ST.PETERSBURG 194021, RUSSIA, Russian Federation ~72: ABASHKIN, Andrej Yurevich;ALOJ, Albert Semenovich;BEZNOSYUK, Vasilij Ivanovich;KOLTSOVA, Tatyana Ivanovna;METALIDI, Mikhail Mikhajlovich;RYABKOV, Dmitrij Viktorovich;SAMOJLOV (deceased), Sergej Evgenevich;SHCHUKIN, Vladimir Sergeevich~ 33:RU ~31:2018146709 ~32:25/12/2018

2020/08085 ~ Complete ~54:MANUFACTURING METHOD FOR TUBULAR PRODUCTS MADE OF ZIRCONIUM-BASED ALLOY ~71:Joint-Stock Company "Tvel", Kashirskoye shosse, d.49, MOSCOW 115409, RUSSIA, Russian Federation ~72: CHINEIKIN, Sergei Vladimirovich;LOZITCKII, Sergei Vasilevich;ZIGANSHIN, Aleksandr Gusmanovich~

2020/08066 ~ Complete ~54:MUTANT CPF1 ENDONUCLEASES ~71:UNIVERSITY OF COPENHAGEN, Norregade 10, 1165, Copenhagen, Denmark ~72: GUILLERMO MONTOYA;STEFANO STELLA~ 33:EP ~31:18175707.1 ~32:04/06/2018;33:EP ~31:18190950.8 ~32:27/08/2018

2020/08067 ~ Complete ~54:WHEEL LOCK WITH CENTRAL EXPANDER ~71:RIMGARD SWEDEN AB, Frösundaviks Allé 1, 16970, Solna, Sweden ~72: CARL PETTERSSON;LARS IVARSSON~ 33:EP ~31:PCT/EP2018/064731 ~32:05/06/2018

2020/08077 ~ Complete ~54:METHOD FOR CALCULATING RESIDUAL STRESSES IN THE SEAM METAL OF WELDED PIPELINE JOINTS (VARIANTS) ~71:Joint Stock Company "Rosenergoatom", ul. Ferganskaya, d. 25, MOSCOW 109507, RUSSIA, Russian Federation;Joint-Stock Company "All-Russian Institute for Nuclear Power Plants Operation" (VNIIAES), ul. Ferganskaya, d. 25, MOSCOW 109507, RUSSIA, Russian Federation;LLC "Inkotes", ul. Brinskogo, d. 6 g., NIZHNII NOVGOROD 603163, RUSSIA, Russian Federation;Science and Innovations - Nuclear Industry Scientific Development, Private Enterprise, ul. B. Ordynka, d. 24, et. 8, kab. 820, MOSCOW 119017, RUSSIA, Russian Federation ~72: GETMAN, Aleksandr Fedorovich;GUBA, Sergei Valer'evich;KAMYSHEV, Arkadiy Vadimovich;PASMANIK, Lev Abramovich;ROVINSKIY, Viktor Donatovich~ 33:RU ~31:2019110165 ~32:05/04/2019

2020/08084 ~ Complete ~54:DEVICE FOR DEACTIVATING RADIOACTIVE ELEMENTS ~71:Joint Stock Company "Rosenergoatom", ul. Ferganskaya, 25, MOSCOW 109507, RUSSIA, Russian Federation;Joint Stock Company "Science and Innovations", Staromonetniy per., 26, MOSCOW 119180, RUSSIA, Russian Federation ~72: NEUPOKOEV, Mikhail Alekseevich;SHEVCHENKO, Boris Nikolaevich~ 33:RU ~31:2018137182 ~32:23/10/2018

2020/08053 ~ Complete ~54:METHOD AND SYSTEM FOR EXTRACTING OBJECT-ORIENTED MULCH FILM INFORMATION BASED ON RADAR REMOTE SENSING DATA ~71:INNER MONGOLIA AGRICULTURAL UNIVERSITY, NO. 29, ORDOS EAST STREET, SAIHAN DISTRICT, People's Republic of China;INSTITUTE OF AGRICULTURAL RESOURCES AND AGRICULTURAL REGIONAL PLANNING, CAAS, NO. 12, ZHONGGUANCUN SOUTH STREET, People's Republic of China ~72: CHEN, ZHONGXIN;HASITUYA~ 33:CN ~31:202010524265.7 ~32:10/06/2020

2020/08059 ~ Complete ~54:AEROSOL SOURCE MEMBER HAVING COMBINED SUSCEPTOR AND AEROSOL PRECURSOR MATERIAL ~71:RAI STRATEGIC HOLDINGS, INC., 401 North Main Street, United States of America ~72: HEJAZI, Vahid~ 33:US ~31:16/015,680 ~32:22/06/2018

2020/08099 ~ Complete ~54:COMBINATION THERAPIES AGAINST CANCER TARGETING CD38 AND TGF-BETA ~71:SANOFI, 54 rue La Boétie, France ~72: ADRIAN, Francisco;GREGORY, Richard, C.;SHAPIRO, Gary;VAN DE VELDE, Helgi~ 33:US ~31:62/696,198 ~32:10/07/2018;33:EP ~31:19305470.7 ~32:11/04/2019

2020/08050 ~ Provisional ~54:AN INHIBITOR ~71:MOJET, Johannes, Andre, 160 GEELSLANG STREET, KAMEELFONTEIN, 0035, South Africa;PEACH, Brett, Myndon, 68 STREET, MOREHILL, BENONI, 1501, South Africa ~72: MOJET, Johannes, Andre;PEACH, Brett, Myndon~

2020/08089 ~ Complete ~54:CONTAINER AND METHOD FOR STORING SPENT NUCLEAR FUEL ~71:NFC Logistics, Joint-Stock Company (NFCL JSC), Kashirskoe sh., 33, k. 18, MOSCOW 115409, RUSSIA, Russian Federation ~72: MOKEICHEV, Andrei Mikhailovich;PETROV, Evgenii Dmitrievich;SOKOLOV, Andrei Valer'evich;VILDEEV, Andrei Viktorovich~ 33:RU ~31:2018147149 ~32:28/12/2018

2020/08063 ~ Complete ~54:ANTI-VLA-4 ANTIBODIES HAVING REDUCED EFFECT OR FUNCTION ~71:BIOGEN MA INC., 225 Binney Street, Cambridge, Massachusetts, 02142, United States of America ~72: ELLEN DUGGAN CAHIR-MCFARLAND;ELLEN GARBER STARK;JANINE LISA FERRANT-ORGETTAS;JOSEPH WALTER ARNDT;KARL JOHN MORTLEY HANF;NADIA GISELLE D'LIMA;ROBERT BLAKE PEPINSKY;THOMAS OWEN CAMERON~ 33:US ~31:62/680,466 ~32:04/06/2018;33:US ~31:62/782,876 ~32:20/12/2018;33:US ~31:62/833,319 ~32:12/04/2019

2020/08082 ~ Complete ~54:DEVICE FOR HOLES AND TREPANS CUTTING ~71:Joint Stock Company "Rosenergoatom", ul. Ferganskaya, d. 25, MOSCOW 109507, RUSSIA, Russian Federation;Limited Liability Company Nauchno-Proizvodstvennaya Firma "Termiks", pl. Akademika Kurchatova, d. 1, str. 5, MOSCOW 123182, RUSSIA, Russian Federation;National Research Centre "Kurchatov Institute", pl. Akademika Kurchatova, d. 1, MOSCOW 123182, RUSSIA, Russian Federation;Science and Innovations - Nuclear Industry Scientific Development, Private Enterprise, ul. B. Ordynka, d. 24, et. 8, kab. 820, MOSCOW 119017, RUSSIA, Russian Federation ~72: IL'IN, Sergei Vladimirovich;LUCHINSKII, Evgenii Vitalevich;SANDLER, Vladimir Yudevich~ 33:RU ~31:2019124496 ~32:01/08/2019

2020/08076 ~ Complete ~54:RADIATION-RESISTANT AUSTENITIC STEEL FOR AN INTERNAL BAFFLE FOR PRESSURIZED WATER REACTORS ~71:Joint Stock Company "Experimental and Design Organization "Gidropress" Awarded the Order of the Red, Banner of Labour and CZSR Order of Labour, ul. Ordzhonikidze, d. 21 g., PODOLSK 142103, RUSSIA, Russian Federation;Joint Stock Company "Rosenergoatom", ul. Ferganskaya, d. 25, MOSCOW 109507, RUSSIA, Russian Federation;Science and Innovations - Nuclear Industry Scientific Development, Private Enterprise, ul. B. Ordynka, d. 24, et. 8, kab. 820, MOSCOW 119017, RUSSIA, Russian Federation;The Federal State Unitary Enterprise "Central Research Institute of Structural Materials "Prometey", named by I.V. Gorynin of National Research "Kurchatov Institute", ul. Shpalernaia, d. 49, SANKT-PETERBURG 191015, RUSSIA, Russian Federation ~72: GULENKO, Aleksandr Georgievich;MARGOLIN, Boris Zakharovich;MIKHAILOV, Maksim

Sergeevich;PETROV, Sergei Nikolaevich;PIMINOV, Vladimir Aleksandrovich;ROMANOV, Oleg Nikolaevich;SOROKIN, Aleksandr Andreevich;TEPLUKHINA, Irina Vladimirovna;VASIL'EVA, Evgeniya Andreevna~ 33:RU ~31:2019111240 ~32:15/04/2019

2020/08072 ~ Complete ~54:BLOCK-BASED ADAPTIVE LOOP FILTER (ALF) DESIGN AND SIGNALING ~71:QUALCOMM Incorporated, ATTN: International IP Administration, 5775 Morehouse Drive, SAN DIEGO 92121-1714, CA, USA, United States of America ~72: CHIEN, Wei-Jung;GADDE, Akshay;KARCZEWICZ, Marta;SEREGIN, Vadim~ 33:US ~31:62/679,685 ~32:01/06/2018;33:US ~31:16/427,017 ~32:30/05/2019

2020/08081 ~ Complete ~54:REACTION CHAMBER FOR EXTRACTION OF URANIUM DIOXIDE POWDER BY USING METHOD OF URANIUM HEXAFLUORIDE REDUCTIVE PYROHYDROLYSIS ~71:Publichnoe Aktsionernoe Obshchestvo "Novosibirsky Zavod Khimkontsentratov" (Pao Nzhk), ul. B. Khmelnitskogo, d. 94, NOVOSIBIRSK 630110, RUSSIA, Russian Federation ~72: KHLYTIN, Alexander Leonidovich;OSTROVSKY, Dmitry Yuryevich;OSTROVSKY, Yury Vladimirovich;ZABORTSEV, Grigory Mikhailovich;ZHERIN, Ivan Ignatyevich~

2020/08092 ~ Complete ~54:ELEMENT OF A FRICTION PAIR OF A FACE SEAL ~71:Joint Stock Company "Central Design Bureau of Machine Building", nab. Obvodnogo kanala, d. 138, k. 1, lit. B, ST. PETERSBURG 190020, RUSSIA, Russian Federation;Science and Innovations - Nuclear Industry Scientific Development, Private Enterprise, ul. B. Ordynka, d. 24, et. 8, kab. 820, MOSCOW 119017, RUSSIA, Russian Federation ~72: BYKOV, Aleksandr Nikolaevich;GORONKOV, Andrey Vladimirovich;KAZANTSEV, Rodion Petrovich;PLAKIDIN, Aleksandr Nikolaevich;SHUTSKIY, Sergey Yur'evich;VORONOV, Timur Dmitrievich~ 33:RU ~31:2018123425 ~32:27/06/2018

2020/08060 ~ Complete ~54:TUBULAR FLUIDIC ACTUATOR SYSTEM AND METHOD ~71:SUNFOLDING, INC., 3101 20th Street, San Francisco, California, 94110, United States of America ~72: DAN GOLDWATER;JEFFREY CHARLES LAMB;KEVIN PATRICK SIMON;KYLE DOUGLASS BETTS;LEILA MARCIA MADRONE;LOUIS BASEL;MATTHEW NESS SCHNEIDER;PETER STURT LYNN;SAUL THOMAS GRIFFITH;VICTORIA HAMMETT MACOMBER~ 33:US ~31:62/677,560 ~32:29/05/2018;33:US ~31:62/845,118 ~32:08/05/2019

2020/08073 ~ Complete ~54:GRINDING SYSTEM FOR ELIMINATING CRACK SOURCES OF INNER TAPERED BORE OF MOTOR ROTATING SHAFT AND GRINDING METHOD ~71:CRRC Zhuzhou Motor Co., Ltd, Tianxin High-Tech Industrial Park, Shifeng District, ZHUZHOU 412000, HUNAN, CHINA (P.R.C.), People's Republic of China ~72: CAO, Jiaxi;CHEN, Lijie;DENG, Xianping;GU, Li;HE, Fengjie;HE, Jiapeng;HE, Peng;LAN, Wanling;LIU, Quan;LONG, Yunfeng;OU, Xingzhuo;XIA, Hongyong;XIANG, Yong;XIAO, Lianxin;XIAO, Xiaoxuan;XIONG, Wenhao;YANG, Xiasha;YANG, Xuejun;ZHAO, Juncheng~ 33:CN ~31:201811056734.6 ~32:11/09/2018

2020/08057 ~ Complete ~54:BOLT ASSEMBLY ~71:NAVE PHARMA AFRICA (PTY) LTD T/A RSH MINING, 30 Industry Road, Clayville Ext 4, Olifantsfontein, South Africa ~72: DAVID NEAL~ 33:ZA ~31:2019/08289 ~32:12/12/2019

2020/08056 ~ Complete ~54:CONNECTION SYSTEM AND METHOD FOR PREFABRICATED VOLUMETRIC CONSTRUCTION MODULES ~71:MRCB INNOVATIONS SDN. BHD., Level 33A, Menara NU 2 No. 203, Jalan Tun Sambanthan Kuala Lumpur Sentral, 50470, Kuala Lumpur, Malaysia ~72: CHOON BOON KANG;QI PIN POH;SENG WEI SEOW~ 33:SG ~31:10201610152Q ~32:02/12/2016;33:SG ~31:10201707728X ~32:19/09/2017

2020/08086 ~ Complete ~54:SYSTEM FOR CONFINING AND COOLING MELT FROM THE CORE OF A WATER-MODERATED NUCLEAR REACTOR ~71:Joint-Stock Company "Atomenergoproekt", ul.

Bakuninskaya, 7, MOSCOW 107996, RUSSIA, Russian Federation ~72: DZBANOVSKAYA, Tatyana Yaropolkovna;ROSHCHIN, Mihail Aleksandrovich;SIDOROV, Aleksandr Stalevich~ 33:RU ~31:2018131157 ~32:29/08/2018

2020/08088 ~ Complete ~54:SEAL BETWEEN MUTUALLY FIXED SURFACES ~71:NFC Logistics, Joint-Stock Company (NFCL JSC), Kashirskoe shosse, 33, k. 18, MOSCOW 115409, RUSSIA, Russian Federation;Science and Innovations - Nuclear Industry Scientific Development, Private Enterprise, st. B. Ordynka, 24, etazh 8, kab. 820, MOSCOW 119017, RUSSIA, Russian Federation ~72: LEPESHKIN, Aleksey Yur'evich;SOKOLOV, Andrei Valer'evich;VILDEEV, Andrei Viktorovich~ 33:RU ~31:2018147148 ~32:28/12/2018

2020/08090 ~ Complete ~54:BASKET FOR A TRANSPORTATION AND STORAGE CASK FOR SPENT NUCLEAR FUEL FROM A PRESSURIZED WATER REACTOR ~71:NFC Logistics, Joint-Stock Company (NFCL JSC), Kashirskoe sh., 33, k. 18, MOSCOW 115409, RUSSIA, Russian Federation ~72: LEPESHKIN, Alexey Yur'evich;PETROV, Evgeniy Dmitrievich;SOKOLOV, Andrei Valer'evich;VILDEEV, Andrei Viktorovich~ 33:RU ~31:2019108772 ~32:27/03/2019

2020/08070 ~ Complete ~54:SECURITY SENSOR DEVICE ~71:OPTEX CO., LTD., 5-8-12, Ogoto, Otsu-shi, Shiga, 520-0101, Japan ~72: HIROYUKI IKEDA~ 33:JP ~31:2018-170874 ~32:12/09/2018

2020/08083 ~ Complete ~54:MANUFACTURING METHOD FOR ZIRCONIUM ALLOY TUBULAR PRODUCTS ~71:Joint-Stock Company "Tvel", Kashirskoye shosse, d.49, MOSCOW 115409, RUSSIA, Russian Federation ~72: CHINEIKIN, Sergei Vladimirovich;LOZITCKII, Sergei Vasilevich;ZIGANSHIN, Aleksandr Gusmanovich~

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2021/00001 ~ Provisional ~54:THE TRUTH BEHIND LIFE AFTER SPORT ~71:Glen ntaka, 44 Lys avenue discovery, South Africa ~72: Glen ntaka~

2021/00012 ~ Complete ~54:IMMUNOGENIC FORMULATION CONTAINING BCG EXPRESSING A RESPIRATORY SYNCITIAL VIRUS PROTEIN AGAINST RESPIRATORY VIRUSES ~71:Pontificia Universidad Católica de Chile, Av. Libertador Bernardo O'Higgins 340, SANTIAGO, CHILE, Chile ~72: BUENO RAMÍREZ, Susan;GONZÁLEZ MUÑOZ, Pablo;KALERGIS PARRA, Alexis~ 33:CL ~31:201903845 ~32:26/12/2019

2021/00042 ~ Provisional ~54:CREATIVE ~71:Jacques Britz, 9 James Avenue, Bardene, South Africa;Pierre Britz, 9 James Avenue, Bardene, South Africa ~72: Jacques Britz;Pierre Britz~

2021/00004 ~ Provisional ~54:AZANGE PROJECTS PORTABLE CAR PORTS AND INFLATABLE CAR COVERS ~71:Thandeka Edista Ngubelanga, 8 B Trojan Way, South Africa ~72: Thandeka Edista Ngubelanga~ 33:ZA ~31:06 ~32:26/12/2020

2021/00013 ~ Complete ~54:APPARATUS AND METHOD FOR PRODUCING ALKALINE WATER ~71:WET HOLDINGS (GLOBAL) LIMITED, 47 Castle Street, Reading, RG1 7SR, United Kingdom ~72: ADAMS, Michael;BRADLEY, Darren;MOHAMED, Ahmed~ 33:GB ~31:1809909.3 ~32:17/06/2018

2021/00031 ~ Complete ~54:MULTI-SPECIFIC BINDING PROTEINS AND METHODS OF USE THEREOF ~71:CULLINAN MANAGEMENT, INC., 450 Kendall Street, Cambridge, Massachusetts, 02142, United States of America ~72: BOCHONG LI;JENNIFER MICHAELSON;NAVEEN MEHTA;PATRICK A BAEUERLE~ 33:US ~31:62/681,784 ~32:07/06/2018

2021/00015 ~ Complete ~54:GREASED BEARING TRACK ~71:CATERPILLAR INC., 100 NE Adams Street Peoria, United States of America ~72: GALAT, Michael S.~ 33:US ~31:16/020,727 ~32:27/06/2018

2021/00032 ~ Complete ~54:NANOPARTICLE VACCINES WITH NOVEL STRUCTURAL COMPONENTS ~71:THE SCRIPPS RESEARCH INSTITUTE, 10550 North Torrey Pines Road, La Jolla, California, 92037, United States of America ~72: JIANG ZHU;LINLING HE~ 33:US ~31:62/684,229 ~32:13/06/2018

2021/00009 ~ Provisional ~54:GO-VID BUDDY MASK & FILTERS ~71:Kathleen O'Connor, 6 Spyglass Close, South Africa ~72: Kathleen O'Connor~

2021/00017 ~ Complete ~54:HINGED COMPONENT, AND MECHANICAL SYSTEM COMPRISING SUCH A COMPONENT ~71:HYDROMECANIQUE ET FROTTEMENT, 69 Rue Benoît, Fourneyron, France ~72: PAVALLIER, Pierrick;PROST, Fabrice~ 33:FR ~31:1856323 ~32:10/07/2018

2021/00044 ~ Provisional ~54:RECOVERY OF GOLD USING CHLORIDE LEACHING AND ION EXCHANGE ~71:Ed Hardwick, 28 Boeing Rd E, Dunvegan, Johannesburg, 1609, South Africa;Lesego Siwela, 28 Boeing Rd E, Dunvegan, Johannesburg, 1609, South Africa ~72: Ed Hardwick;Lesego Siwela~

2021/00007 ~ Provisional ~54:MULTIPURPOSE FLOAT CONTROL VALVE ~71:Johannes Jacobus Naude, 12 Arend avenue, South Africa ~72: Johannes Jacobus Naude~

2021/00019 ~ Complete ~54:SELF-LOCKING BRACKET ~71:GUANGZHOU OO MEDICAL SCIENTIFIC LIMITED, Room 316, Building G2, South China Advanced Materials Innovation Park, No. 31, Kefeng Road, Guangzhou Development District, Guangzhou, Guangdong, 510000, People's Republic of China;JI, Li, Room 316, Building G2, South China Advanced Materials Innovation Park, No. 31, Kefeng Road, Guangzhou Development District, Guangzhou, Guangdong, 510000, People's Republic of China ~72: JI, Li~ 33:CN ~31:201810559926.2 ~32:02/06/2018

2021/00021 ~ Complete ~54:RESONANT MULTI-RANGE ANTENNA ~71:FEDOSOV, Dmitry Vitalievich, kv. 123, 23, ul. Kharkovskaya, Omsk, 644041, Russian Federation;FEDOSOVA, Nataliya Borisovna, kv. 123, 23, ul. Kharkovskaya, Omsk, 644041, Russian Federation ~72: BEKISHEV, Roman Aleksandrovich;FEDOSOV, Dmitry Vitalievich~ 33:RU ~31:2018126232 ~32:16/07/2018

2021/00038 ~ Complete ~54:AMINO-PYRIMIDONYL DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM ~71:Les Laboratoires Servier, 35 rue de Verdun, SURESNES 92284, FRANCE, France;Vernalis (R&D) Limited, Granta Park, CAMBRIDGE CB21 6GB, UNITED KINGDOM, United Kingdom ~72: DAVIES, Nicholas;DEMARLES, Didier;FIUMANA, Andrea;GENESTE, Olivier;IVANSCHITZ, Lisa;KISS, Árpád;KOTSCHY, András;MACIAS, Alba;MOLNÁR, Balázs;MURRAY, James Brooke;SELLIER, Emilie;VASAS, Attila;WÉBER, Csaba~ 33:FR ~31:1856218 ~32:05/07/2018;33:EP ~31:19305398.0 ~32:28/03/2019;33:EP ~31:19305667.8 ~32:27/05/2019

2021/00041 ~ Complete ~54:HIGH-PRECISION MONITORING AND EARLY WARNING SYSTEM AND METHOD FOR ROOF DEFORMATION ~71:SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, No. 579 QianWangang Road, Huangdao District Qingdao, People's Republic of China ~72: GUO, Weiyao;LI, Yurong;TAN, Yunliang;ZHANG, Wei;ZHAO, Tongbin~ 33:CN ~31:201911177688.X ~32:27/11/2019

2021/00028 ~ Complete ~54:IMPROVED SELF-DESTRUCTIVE DOCUMENTS FOR INFORMATION SECURITY AND PRIVACY PROTECTION ~71:INVALUABLE INVENTIONS, 253 View St, Mountain View , California, 94041, United States of America ~72: KEMAAL ESMAIL~

2021/00030 ~ Complete ~54:BENEFIT AGENT DELIVERY PARTICLES ~71:UNILEVER PLC, Unilever House, 100 Victoria Embankment, London, Greater London, EC4Y 0DY, United Kingdom ~72: ANDREW PHILIP PARKER;CRAIG WARREN JONES~ 33:EP ~31:18183985.3 ~32:17/07/2018

2021/00011 ~ Complete ~54:PREPARATION METHOD OF FOAMING MASTERBATCH FOR MICROCELLULAR FOAMING POLYMER MATERIALS ~71:GUIZHOU MATERIAL INDUSTRY TECHNOLOGY RESEARCH INSTITUTE, Guizhou Science City, No.3491 Baijin Avenue, Baiyun District, People's Republic of China ~72: HE, LI;JIANG, TUANHUI;LI, SHENGNAN;SHEN, CHAO;ZENG, XIANGBU;ZHANG, XIANG;ZHU, NENGGUI~

2021/00029 ~ Complete ~54:BENEFIT AGENT DELIVERY PARTICLES ~71:UNILEVER PLC, Unilever House, 100 Victoria Embankment, London, Greater London, EC4Y 0DY, United Kingdom ~72: CRAIG WARREN JONES;MARIA FERNANDA JIMENEZ SOLOMON~ 33:EP ~31:18183979.6 ~32:17/07/2018

2021/00010 ~ Complete ~54:A CATALYST COMPOSITION FOR OXIDATIVE DEHYDROGENATION OF ALKANE ~71:INDIAN OIL CORPORATION LIMITED, G-9, Ali Yavar Jung Road, Bandra (East), India ~72: DOOSA, Hima Bindu;KAPUR, Gurpreet Singh;KARTHIKEYANI, Arumugam Velayutham;LOGANATHAN, Kumaresan;PULIKOTTIL, Alex Cheru;RAMAKUMAR, Sankara Sri Venkata;SAU, Madhusudan;THAKUR, Ram Mohan~ 33:IN ~31:202021000190 ~32:02/01/2020

2021/00075 ~ Complete ~54:COMBINATION THERAPY BY USING ANTI-GLOBO H OR ANTI-SSEA-4 ANTIBODY WITH ANTI-NEGATIVE IMMUNE CHECK POINTS ANTIBODY ~71:OBI PHARMA, INC., 19f., No. 3, Yuanqu, St. Nangang Dist. Taipei City, Taiwan, Province of China ~72: CHANG, Jo-fan;LAI, Jiann-shiun;TSAI, Yi-chien;YU, Cheng-der, Tony~ 33:US ~31:62/679,510 ~32:01/06/2018

2021/00003 ~ Provisional ~54:THAPLANKA MULTIPURPOSE FOLDABLE LAPTOP TABLE ~71:Thabang Shinners, 3321, Moalahi Street, Rocklands, South Africa ~72: Thabang Shinners~

2021/00008 ~ Provisional ~54:BICYCLE SUPPORT ~71:Willem Johannes van Straaten, 49 Trafalgar Place Street, Sandhurst, South Africa ~72: Willem Johannes van Straaten~

2021/00040 ~ Complete ~54:AEROSOLISABLE FORMULATION ~71:Nicoventures Trading Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: MATHIE, Klaus;PENA, Maria Montserrat Sanchez~ 33:GB ~31:1811926.3 ~32:20/07/2018

2021/00026 ~ Complete ~54:COMPLEX FOR ENHANCING IMMUNE RESPONSE ~71:XINFU (BEIJING) MEDICAL TECHNOLOGY CO., LTD., Room 517, Floor 5 No. 5 Kaituo Road, People's Republic of China ~72: LIN, Haixiang;LIU, Fang;ZHA, Li~ 33:CN ~31:201810698033.6 ~32:29/06/2018;33:CN ~31:201810700708.6 ~32:29/06/2018

2021/00027 ~ Complete ~54:DRY SPRINKLER ASSEMBLY VICTAULIC COMPANY ~71:VICTAULIC COMPANY, 4901 Kesslersville Road, United States of America ~72: PECHACEK, Stephen~ 33:US ~31:62/721,753 ~32:23/08/2018

2021/00043 ~ Provisional ~54:COMMUNICARE FAST FOOD DELIVERY APPLICATION ~71:Netshidzati Mashudu Lucky, 727/3 Soshanguve Block VV, South Africa ~72: Netshidzati Mashudu Lucky~

2021/00005 ~ Provisional ~54:KOMBUIS ARTCHA ~71:MONA YOLISWA ROBERTA, KOMBUIS AMATHUBA ENTUTHUKO TRADING, 120111A DARK CITY, South Africa ~72: MONA YOLISWA ROBERTA~ 33:ZA ~31:06 ~32:26/12/2020

2021/00006 ~ Provisional ~54:EDGE GUARD LITE ~71:Andries Stephan van der Sandt, Flat 1 E8 Potloodspruit, South Africa ~72: Andries Stephan van der Sandt~

2021/00018 ~ Complete ~54:HEPATITIS B CAPSID ASSEMBLY MODULATORS ~71:VENATORX PHARMACEUTICALS, INC., 30 Spring Mill Drive, United States of America ~72: BENETATOS, Christopher;BOYD, Steven A.;BURNS, Christopher J.;COBURN, Glen;CONDON, Stephen M.;HAIMOWITZ, Thomas;LIU, Bin;YAO, Jiangchao~ 33:US ~31:62/683,557 ~32:11/06/2018;33:US ~31:62/832,734 ~32:11/04/2019

2021/00035 ~ Complete ~54:NUPR1 INHIBITION FOR TREATING CANCER ~71:CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), 3, rue Michel Ange, 75016, Paris, France;CHONGQING UNIVERSITY, No.174 Shazheng St Shapingba District, CHONGQING, 400044, People's Republic of China;CONSIGLIO NAZIONALE DELLE RICERCHE - NATIONAL RESEARCH COUNCIL ITALY, Piazzale Aldo Moro 7, 00185, ROMA, Italy;FUNDACION AGENCIA ARAGONESA PARA LA INVESTIGACION Y EL DESARROLLO (ARAID), Avenida de Ranillas 1-D Planta 2a, oficina B, 50018, ZARAGOZA, Spain;FUNDACION INSTITUTO DE INVESTIGACION SANITARIA ARAGON, Avda. San Juan Bosco N° 13 PL 0, 50009, Zaragoza, Spain;INSTITUT JEAN PAOLI & IRENE CALMETTES, 232 boulevard de Sainte Marguerite, 13009, MARSEILLE, France;INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), 101 rue de Tolbiac, 75013, Paris, France;INSTITUTO ARAGONES DE CIENCIAS DE LA SALUD - ARAGON INSTITUTE OF HEALTH SCIENCES, Avda. San Juan Bosco 13 Planta 1, 50009, ZARAGOZA, Spain;MIGUEL HERNANDEZ UNIVERSITY OF ELCHE, Avda. De la Universidad s/n, 03202, Elche, Alicante, Spain;UNIVERSITÉ D'AIX-MARSEILLE, 58 Bd Charles Livon, 13007, MARSEILLE, France;UNIVERSITY OF ZARAGOZA, C / Pedro Cerbuna, 12, 50009, ZARAGOZA, Spain ~72: ADRIAN VELAZQUEZ CAMPOY;BRUNO RIZZUTI;JOSE LUIS NEIRA;JUAN IOVANNA;LING PENG;OLGA ABIAN FRANCO;PATRICIA SANTOFIMIA;YI XIA~ 33:EP ~31:18305672.0 ~32:31/05/2018

2021/00074 ~ Complete ~54:EXPANDABLE NETWORK ARCHITECTURE FOR COMMUNICATIONS BETWEEN MACHINES AND IMPLEMENTS ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: ALLGAIER, Ryan;SCHLIPF, Ben~ 33:US ~31:62/721,782 ~32:23/08/2018

2021/00036 ~ Complete ~54:NEURAL STEM CELL COMPOSITIONS AND METHODS TO TREAT NEURODEGENERATIVE DISORDERS ~71:The Regents of the University of California, 1111 Franklin Street, 12th Floor, OAKLAND 94607-5200, CA, USA, United States of America ~72: BAUER, Gerhard;COLEAL-BERGUM, Dane;FURY, Brian;REIDLING, John;THOMPSON, Leslie Michels~

2021/00022 ~ Complete ~54:LIGHT CONDENSING DEVICE FOR INSPECTING QUALITY INSIDE FRUITS AND VEGETABLES, SYSTEM COMPRISING SAME, AND USE METHOD THEREOF ~71:JIANGXI REEMOON TECHNOLOGY HOLDINGS CO., LTD., Chengxin Avenue, Industrial Park, People's Republic of China ~72: ZHU, Er;ZHU, Yi~ 33:CN ~31:201810958224.1 ~32:22/08/2018

2021/00039 ~ Complete ~54:PLANT REGULATORY ELEMENTS AND USES THEREOF ~71:Monsanto Technology LLC, 800 North Lindbergh Boulevard, SAINT LOUIS 63167, MO, USA, United States of America ~72: DAVIS, Ian W.;SHARIFF, Aabid~ 33:US ~31:62/714,228 ~32:03/08/2018

2021/00023 ~ Complete ~54:HANDLING BS-TO-BS INTERFERENCE IN RADIO ACCESS NETWORKS ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), Torshamnsgatan 23, Sweden ~72: BALDEMAIR, Robert;DAHLMAN, Erik;FALAHATI, Sorour;PARKVALL, Stefan~

2021/00014 ~ Complete ~54:ADAPTIVE CONTROL POINT SELECTION FOR AFFINE MOTION MODEL BASED VIDEO CODING ~71:VID SCALE, INC., 200 Bellevue Parkway, Suite 300 Wilmington, United States of America ~72: HANHART, Philippe;HE, Yuwen;XIU, Xiaoyu;YE, Yan~ 33:US ~31:62/691,770 ~32:29/06/2018;33:US ~31:62/734,728 ~32:21/09/2018;33:US ~31:62/778,055 ~32:11/12/2018

2021/00016 ~ Complete ~54:FASTENING TOOL INSTANT TORQUE METERING ACCESSORY ~71:FASSIO, Enrico, via angelo signorelli 89 00123 Roma (IT), Roma, Italy ~72: FASSIO, Enrico~ 33:IT ~31:102018000006565 ~32:21/06/2018

2021/00033 ~ Complete ~54:MICROBIAL CONSORTIA PRODUCING DIPICOLINIC ACID AND METHODS FOR SELECTING MICROBES FOR CO-FORMULATION WITH CARRIERS ~71:AMVAC HONG KONG LIMITED, 11/F., Unit B, Winbase Centre, Queen's Road Central Sheung, Wan, Hong Kong ~72: BENJAMIN GORDON;FREDERIC KENDIRGI~ 33:US ~31:62/681,469 ~32:06/06/2018

2021/00073 ~ Complete ~54:A METHOD FOR IMPROVING ROOTING STABILITY OF A SUBCULTURE BUD OF HIGH-RESIN-PRODUCTION P. MASSONIANA PLUS TREE ~71:GUANGXI FORESTRY RESEARCH INSTITUTE, 23 Yongwu Road, Xixiangtang District, People's Republic of China ~72: WANG, Yin;YAO, Ruiling~ 33:CN ~31:202010426414.6 ~32:19/05/2020

2021/00034 ~ Complete ~54:AIR FILTRATION SYSTEM FOR COMBUSTION ENGINE AND COMBUSTION ENGINE INCLUDING SAME ~71:PROPULSA INNOVATIONS INC., 1220 Des Sociétaires, Chicoutimi, Québec, G7J 0K5, Canada ~72: DENIS DUMAIS~ 33:US ~31:62/681,948 ~32:07/06/2018

2021/00002 ~ Provisional ~54:GOOD BAD AND THE UGLY SANGOMA ~71:Glen Ntaka, 44 Lys avenue discovery, South Africa;Glen Ntaka, 44 Lys avenue discovery, South Africa ~72: Glen ntaka~

2021/00020 ~ Complete ~54:COVER FOR BOTTLE, BOTTLE COMPRISING COVER AND METHODS ~71:BILLERUDKORSNÄS AB, Box 703, Sweden ~72: DELRIVE, Christophe;GRÄBER, Klaus~ 33:EP ~31:18183098.5 ~32:12/07/2018

2021/00037 ~ Complete ~54:LOCATION DETERMINATION BASED ON BEACON SIGNAL TRANSMISSION TO ENABLED DEVICES ~71:HAYASHI, Luis Marcelo, Rua Deputado Laercio Corte, 1455 AP61B Panamby, SAO PAULO 05706-290, BRAZIL, Brazil ~72: HAYASHI, Luis Marcelo~

2021/00024 ~ Complete ~54:A SMART AND SECURE LABEL STOCK ~71:ARUN AGARWAL, S/o Sushil Kumar Agarwal, A1/801, Krishna Apra Garden, 7, Vaibhav Khand, India;SONIA AGARWAL, A1/801, Krishna Apra Garden, 7, Vaibhav Khand, Indirapuram, Ghaziabad, India ~72: ARUN AGARWAL~ 33:US ~31:201911026363 ~32:01/07/2019

2021/00025 ~ Complete ~54:APPARATUS AND METHOD FOR FIXED, PROGRESSIVE, AND MYSTERY JACKPOT ROULETTE ~71:TCS JOHN HUXLEY EUROPE LIMITED, Festival Trade Park Unit 6, Crown Road, United Kingdom ~72: ELS, Christiaan Arnoldus;SMITH, Nicole Patricia~ 33:GB ~31:1811683.0 ~32:17/07/2018

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2021/00069 ~ Complete ~54:SORBENT COMPOSITION FOR AN ELECTROSTATIC PRECIPITATOR ~71:S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, rue Charles Dubois 28, 1342, Ottignies-Louvain-la-Neuve, Belgium ~72: DAVID LYONS;IAN SARATOVSKY;RODNEY FOO~ 33:EP ~31:PCT/EP2018/068770 ~32:11/07/2018;33:US ~31:16/032,152 ~32:11/07/2018

2021/00063 ~ Complete ~54:HUMIDITY CONTROL SYSTEM ~71:Desiccare, Inc., 3930 W. Windmill Lane, Suite 100, LAS VEGAS 89139, NV, USA, United States of America ~72: BLANKENHORN, Benjamin Edward;GLORIOSO, Sammie Joe~ 33:US ~31:62/689,009 ~32:22/06/2018

2021/00048 ~ Complete ~54:WEEP HOLE DEVICE ~71:SCHMIDT, Siegfrid Paul, 71 Admiralty Way, Summerstrand, Port Elizabeth 6001, Eastern Cape, SOUTH AFRICA, South Africa ~72: SCHMIDT, Siegfrid Paul~ 33:ZA ~31:2019/06636 ~32:09/10/2019

2021/00066 ~ Complete ~54:AUDIOVISUAL LIVESTREAM SYSTEM AND METHOD WITH LATENCY MANAGEMENT AND SOCIAL MEDIA-TYPE USER INTERFACE MECHANICS ~71:Smule, Inc., 139 Townsend Street, Suite 300, SAN FRANCISCO 94107, CA, USA, United States of America ~72: COOK, Perry R.;HERSH, Benjamin;HOLMBERG, Anton;LIANG, Wang;SMITH, Jeffrey C.;WOO, Yuning;YANG, Jeannie~ 33:US ~31:62/685,727 ~32:15/06/2018

2021/00047 ~ Provisional ~54:A TELECOMMUNICATION TEST APPARATUS AND METHOD OF TESTING TELECOMMUNICATION SERVICE PROVISION ~71:VAWDA, Naeem Ismail, 3 Homestead Road, Berea West, Westville, Durban 3629, SOUTH AFRICA, South Africa ~72: VAWDA, Naeem Ismail~

2021/00068 ~ Complete ~54:METHOD FOR DYNAMIC FILTRATION OF A CROSS-LINKED HYDROGEL ~71:MERZ PHARMA GMBH & CO. KGAA, Eckenheimer Landstrabe 100, Frankfurt am Main, 60318, Germany ~72: CONRAD, Manuel;KESSLER, Wolfgang;NIEMCZAK, Björn;PFEIL, Michael;VUKOVIC, Patrik~ 33:EP ~31:PCT/EP2018/071328 ~32:07/08/2018

2021/00064 ~ Complete ~54:PRODUCTION OF HYDROCARBON FUELS FROM WASTE PLASTIC ~71:Quantafuel AS, Vollsveien 13H, LYSAKER 1366, NORWAY, Norway ~72: FAREID, Erik;FAREID, Lars Erik;KAALSTAD, Petter;LARSEN, Tarjei Thorrud;NORHEIM, Arnstein~ 33:NO ~31:20180957 ~32:06/07/2018

2021/00076 ~ Complete ~54:METHODS OF TREATING LUNG CANCER WITH A PD-1 AXIS BINDING ANTAGONIST, A PLATINUM AGENT, AND A TOPOISOMERASE II INHIBITOR ~71:GENENTECH, INC., 1 DNA Way, South San Francisco, California, 94080, United States of America ~72: ARIEL LOPEZ-CHAVEZ;DANIEL ANTONIUS WATERKAMP~ 33:US ~31:62/689,105 ~32:23/06/2018;33:US ~31:62/719,461 ~32:17/08/2018;33:US ~31:62/736,326 ~32:25/09/2018

2021/00051 ~ Complete ~54:FLANGE GASKET WITH VARIABLE THICKNESS ~71:THE TRUSTEES FOR THE TIME BEING OF THE BEST TRUST, F25 Bermuda Beach, Greenways Golf Estate, South Africa ~72: VAN DER MERWE, Jacques~

2021/00078 ~ Complete ~54:ANTIMICROBIAL CARTRIDGES AND PROCESSES FOR MULTIPLEXED ANTIMICROBIAL SUSCEPTIBILITY TESTING ~71:SELUX DIAGNOSTICS, INC., 56 Roland Street, Suite 206, Charlestown, Massachusetts, 02129, United States of America ~72: ALEKSANDAR VACIC;ERIC STERN;FREDERICK P FLOYD;KELLY FLENTIE;SARAH A SCOTT~ 33:US ~31:62/682,571 ~32:08/06/2018

2021/00053 ~ Complete ~54:MERGE MODE-BASED INTER-PREDICTION METHOD AND APPARATUS ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No.18 Haibin Road, Wusha, Chang'an, People's Republic of China ~72: KIM, Ki Baek~ 33:KR ~31:10-2018-0076177 ~32:30/06/2018;33:KR ~31:10-2018-0085680 ~32:24/07/2018

2021/00081 ~ Complete ~54:PD-1/PD-L1 INHIBITORS ~71:Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, United States of America ~72: AKTOUDIANAKIS, Evangelos;CHO, Aesop;GRAUPE, Michael;LAD, Lateshkumar Thakorlal;MACHICAO TELLO, Paulo A.;MEDLEY, Jonathan William;METOBO, Samuel E.;NADUTHAMBI, Devan;PHILLIPS, Barton W.;SIMONOVICH, Scott Preston;WANG, Peiyuan;WATKINS, William J.;XU, Jie;Yang, Kin Shing;ZIEBENHAUS, Christopher Allen~ 33:US ~31:62/697,932 ~32:13/07/2018;33:US ~31:62/747,033 ~32:17/10/2018;33:US ~31:62/808,763 ~32:21/02/2019

2021/00059 ~ Complete ~54:METHODS OF TREATMENT WITH CYP3A4 SUBSTRATE DRUGS ~71:Bow River LLC, 2012 Seadrift Drive, CORONA DEL MAR 92625, CA, USA, United States of America ~72: CHOW, Christina;SRINIVASAN, Sundar~ 33:US ~31:16/036,678 ~32:16/07/2018

2021/00054 ~ Complete ~54:METHODS FOR SAMPLE PREPARATION AND MICROBIOME CHARACTERISATION ~71:MICROBA IP PTY LIMITED, GPO Box 469, Australia ~72: ANGEL, Nicola;HUGENHOLTZ, Philip;TYSON, Gene~ 33:AU ~31:2018902147 ~32:15/06/2018

2021/00070 ~ Complete ~54:DELAMANID-CONTAINING COMPOSITION ~71:OTSUKA PHARMACEUTICAL CO., LTD., 2-9, Kanda-Tsukasa-machi Chiyoda-ku, Tokyo, 1018535, Japan ~72: ATSUYA NAKAMURA;HIROYUKI YAMAZAKI;MASAHIRO HASEGAWA;NAOKI KAMADA~ 33:JP ~31:2018-111464 ~32:11/06/2018

2021/00050 ~ Complete ~54:ENGINEERED MICROBE-TARGETING MOLECULES AND USES THEREOF ~71:PRESIDENT AND FELLOWS OF HARVARD COLLEGE, 17 Quincy Street, Cambridge, Massachusetts, 02138, United States of America ~72: ALEXANDER WATTERS;DINAH R SUPER;DONALD E INGBER;JEFFREY CHARLES WAY;JULIA B BERTHET;MARK J CARTWRIGHT;MARTIN M ROTTMAN;MICHAEL SUPER~ 33:US ~31:61/508,957 ~32:18/07/2011;33:US ~31:61/605,052 ~32:29/02/2012;33:US ~31:61/605,081 ~32:29/02/2012

2021/00067 ~ Complete ~54:POLYCARBOXYLATE SUPERPLASTICIZER AND METHOD FOR MAKING SAME ~71:KZJ NEW MATERIALS GROUP CO., LTD, No. 169, Nei'An Middle Road, Torch High-Tech Zone (Xiang'an District), Xiamen, People's Republic of China ~72: CHEN, Hao;FANG, Yunhui;KE, Yuliang;LAI, Huazhen;LIN, Tianxing;LIN, Yanmei;MA, Xiuxing~ 33:CN ~31:202011348320.8 ~32:26/11/2020

2021/00080 ~ Complete ~54:ANTI-CXCL13 ANTIBODIES FOR TREATING AUTOIMMUNE DISEASES AND CANCER ~71:I-MAB BIOPHARMA US LIMITED, 9801 Washingtonian Blvd, Suite 710 Gaithersburg, United States of America ~72: GU, Haijuan;YANG, Qiumei~ 33:CN ~31:PCT/CN2018/106158 ~32:18/09/2018

2021/00259 ~ Complete ~54:PYRROLO[1,2-B]PYRIDAZINE DERIVATIVES ~71:Gilead Sciences, Inc., 333 Lakeside Drive, Foster City, United States of America ~72: AMMANN, Stephen;BACON, Elizabeth M.;BRIZGYS, Gediminas;CHIN, Elbert;CHOU, Chienhung;COTTELL, Jeromy J.;NDUKWE, Marilyn;TAYLOR, James G.;WRIGHT, Nathan E.;YANG, Zheng-Yu;ZIPFEL, Sheila M.~ 33:US ~31:62/697,533 ~32:13/07/2018

2021/00058 ~ Complete ~54:WHITENING COMPOSITIONS AND METHODS FOR THE SAME ~71:Colgate-Palmolive Company, 300 Park Avenue, NEW YORK 10022, NY, USA, United States of America ~72: HUANG, Chun;XU, Guofeng~ 33:US ~31:62/717,019 ~32:10/08/2018

2021/00061 ~ Complete ~54:CD226 AGONIST ANTIBODIES ~71:Eli Lilly and Company, Lilly Corporate Center, INDIANAPOLIS 46285, IN, USA, United States of America ~72: KUMAR, Naresh~ 33:US ~31:62/703,522 ~32:26/07/2018;33:US ~31:62/795,744 ~32:23/01/2019

2021/00077 ~ Complete ~54:CARTRIDGE MONITORING SYSTEM ~71:TYCO FIRE PRODUCTS LP, 1400 Pennbrook Parkway, Lansdale, Pennsylvania, 19446, United States of America ~72: CHAD L RYCZEK~ 33:US ~31:62/682,506 ~32:08/06/2018

2021/00052 ~ Complete ~54:TAILGATE PROTECTOR ~71:MPA INDUSTRIES PTY LTD, Unit 1, 904 Point Nepean Road, Australia ~72: NARDELLA, Paul Snr.~ 33:AU ~31:2018902028 ~32:06/06/2018

2021/00062 ~ Complete ~54:METHODS OF USING A GIP/GLP1 CO-AGONIST FOR THERAPY ~71:Eli Lilly and Company, Lilly Corporate Center, INDIANAPOLIS 46285, IN, USA, United States of America ~72: BENSON, Charles T.;HAUPT, Axel;THOMAS, Melissa Kay;URVA, Shweta~ 33:US ~31:62/702,061 ~32:23/07/2018;33:US ~31:62/730,565 ~32:13/09/2018;33:US ~31:62/740,619 ~32:03/10/2018

2021/00057 ~ Complete ~54:SOLID COMPOSITIONS FOR TEETH WHITENING AND ANTI-MICROBIAL EFFECTS ~71:Colgate-Palmolive Company, 300 Park Avenue, NEW YORK 10022, NY, USA, United States of America ~72: BANERJEE, Indrani;DONG, Rong;HUANG, Chun;PIMENTA, Paloma;RINAUDI MARRON, Luciana~ 33:US ~31:62/717,022 ~32:10/08/2018

2021/00072 ~ Complete ~54:IMMUNOCONJUGATES TARGETING ADAM9 AND METHODS OF USE THEREOF ~71:IMMUNOGEN, INC., 830 Winter Street, Waltham, Massachusetts, 02451, United States of America;MACROGENICS, INC., 9704 Medical Center Drive, Rockville, Maryland, 20850, United States of America ~72: BHASWATI BARAT;DERYK LOO;EZIO BONVINI;GUNDO DIEDRICH;JUNIPER A SCRIBNER;LESLIE S JOHNSON;NICHOLAS C YODER;STUART WILLIAM HICKS~ 33:US ~31:62/690,052 ~32:26/06/2018;33:US ~31:62/691,342 ~32:28/06/2018;33:US ~31:62/810,703 ~32:26/02/2019

2021/00046 ~ Provisional ~54:PERMANENT SHUTTERING DEVICE WITH VOID FORMER ~71:VAN WYK, Antonie Christoffel, Lombard, 16 Rainbow Avenue, Farrarmere, South Africa ~72: VANN WYK, Antonie, Christoffel, Lombard~

2021/00065 ~ Complete ~54:WATER-IN-OIL COATING COMPOSITION ~71:Akzo Nobel Coatings International B.V., Velperweg 76, ARNHEM NL-6824 BM, THE NETHERLANDS, Netherlands ~72: SANTANGELO, Diana Lucia;SOLLEVELD, Matthijs;VAN EWIJK, Gerard Antonie~ 33:EP ~31:18186071.9 ~32:27/07/2018;33:EP ~31:19156020.0 ~32:07/02/2019

2021/00055 ~ Complete ~54:INTRA-FRAME PREDICTION METHOD AND DEVICE ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., NO. 18, Hai Bin Road, Wu Sha, Chang An, People's Republic of China ~72: KIM, Ki Baek~ 33:KR ~31:10-2018-0072558 ~32:25/06/2018;33:KR ~31:10-2018-0076783 ~32:02/07/2018

2021/00060 ~ Complete ~54:METHOD OF USING A GIP/GLP1 CO-AGONIST FOR DIABETES ~71:Eli Lilly and Company, Lilly Corporate Center, INDIANAPOLIS 46285, IN, USA, United States of America ~72: ALSINA-FERNANDEZ, Jorge;CABRERA, Over;COSKUN, Tamer~ 33:US ~31:62/702,180 ~32:23/07/2018;33:US ~31:62/730,562 ~32:13/09/2018;33:US ~31:62/740,640 ~32:03/10/2018

2021/00049 ~ Complete ~54:PIPE JOINT ~71:SCHOLTZ, Johann, 2 Osborn Road, South Africa ~72: SCHOLTZ, Johann~ 33:ZA ~31:2020/00254 ~32:15/01/2020

2021/00079 ~ Complete ~54:SYSTEM AND METHOD FOR EVALUATING ELUTION EFFICIENCY AND RADIOPURITY OF TC-99M GENERATORS ~71:BWXT ISOTOPE TECHNOLOGY GROUP, INC., 800 Main Street, Lynchburg, Virginia, 24504, United States of America ~72: BRYAN BLAKE WIGGINS;CHRISTOPHER SEAN FEWOX;EARL BRIAN BARGER;STEPHEN D PREITE~ 33:US ~31:62/687,612 ~32:20/06/2018;33:US ~31:16/445,305 ~32:19/06/2019

2021/00045 ~ Provisional ~54:METHOD OF REDUCING A TRANSFORMER'S MAGNETIZING CURRENT ~71:Jacobus Johannes van der Merwe, 1060 Pierneef Street, Villieria, South Africa ~72: Jacobus Johannes van der Merwe~

2021/00071 ~ Complete ~54:GENERAL AMYLOID INTERACTION MOTIF (GAIM) ~71:PROCLARA BIOSCIENCES, INC., 125 Cambridgepark Drive, Suite 301, Cambridge, Massachusetts, 02140, United States of America ~72: EVA ASP;MING PROSCHITSKY;RAJARAMAN KRISHNAN;RICHARD FISHER~ 33:US ~31:62/685,757 ~32:15/06/2018;33:US ~31:62/749,499 ~32:23/10/2018

2021/00056 ~ Complete ~54:HANDHELD AESTHESIOMETER ~71:BRILL ENGINES, S.L., Carrer Munner, 10, Spain ~72: BUISAN FERRER, José;NIETO CAVIA, Laura;VALAT, Laurent David~ 33:EP ~31:18382436.6 ~32:18/06/2018

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2021/00091 ~ Complete ~54:METHOD OF MANUFACTURING A PAINT BRUSH HEAD ~71:ORKLA HOUSE CARE AB, Box 133, 564 23 , Bankeryd, Sweden ~72: KÅRE JOHANSSON~ 33:SE ~31:1850708-7 ~32:11/06/2018

2021/00095 ~ Complete ~54:USE OF SGC STIMULATORS FOR THE TREATMENT OF MITOCHONRIAL DISORDERS ~71:CYCLERION THERAPEUTICS, INC., 301 Binney Street, Cambridge, Massachusetts, 02142, United States of America ~72: JOHN R HADCOCK~ 33:US ~31:62/696,582 ~32:11/07/2018;33:US ~31:62/697,671 ~32:13/07/2018

2021/00092 ~ Complete ~54:MODIFIED CAS9 PROTEIN AND USE THEREOF ~71:MODALIS THERAPEUTICS CORPORATION, 3-11-5, Nihonbashi-Honcho, Chuo-ku, Tokyo, 1030023, Japan ~72: TETSUYA YAMAGATA;YUANBO QIN~ 33:US ~31:62/682,244 ~32:08/06/2018

2021/00084 ~ Complete ~54:DECORATIVE BOARDS, AND PRODUCTION LINES AND PRODUCTION PROCESSES THEREOF ~71:BEIJING NEW BUILDING MATERIALS PUBLIC LIMITED COMPANY, 15th Floor, 2nd Building, Guohai Plaza, No. 17 Fuxing Road, Haidian District, Beijing, 100036, People's Republic of China;CHINA NATIONAL BUILDING MATERIALS TECHNOLOGICAL INNOVATION & RESEARCH INSTITUTE, No.9, Qibei Road, Future Science Park, Changping District, Beijing, 102209, People's Republic of China ~72: BIN WANG;CHAO JIANG;HONGBO WANG;JIXIN BAI;MINGHAI LIU;RUIHAI SUN;YANLIN WANG;YONGLIN LI;YUZHU GAO;ZHANBO DONG;ZHENGBO YANG~ 33:CN ~31:202010130772.2 ~32:28/02/2020

2021/00093 ~ Complete ~54:NEUROACTIVE STEROIDS AND METHODS OF PREPARATION ~71:DRAWBRIDGE PHARMACEUTICALS PTY LTD, 23 Milton Parade, Malvern, Victoria, 3144, Australia ~72: EDWARD J HESSLER;IAN EDMONDS~ 33:US ~31:62/693,546 ~32:03/07/2018

2021/00097 ~ Complete ~54:ELECTRIC LOADING MULTIFUNCTIONAL TEST BENCH FOR POWER-DIVIDING HYDRAULIC-MECHANICAL COMPOSITE TRANSMISSION SYSTEM AND APPLICATION THEREOF ~71:SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, No.579, Qianwangang Road, Qingdao Shandong, 266590, People's Republic of China;TAISHAN UNIVERSITY, No.525 Dongyue Street, Taian, Shandong, 271000, People's Republic of China ~72: HANZHENG DAI;LIRONG WAN;MINGQIAN TIAN;QINGLIANG ZENG;WENTING LIU;ZHIYUAN SUN~ 33:CN ~31:201910097716.0 ~32:31/01/2019

2021/00102 ~ Complete ~54:GREEN ALGAL BESTROPHIN BICARBONATE TRANSPORTERS ~71:Board of Supervisors of Louisiana State University and Agricultural and Mechanical College, 104 Efferson Hall, BATON ROUGE 70803, LA, USA, United States of America;University of York, Heslington, YORK YO10 5DD, YORKSHIRE, UNITED KINGDOM, United Kingdom ~72: LAU, Chun Sing;MACKINDER, Luke C. M.;MORONEY, James V.;MUKHERJEE, Ananya~ 33:US ~31:62/697,840 ~32:13/07/2018;33:US ~31:62/769,214 ~32:19/11/2018

2021/00085 ~ Complete ~54:COMPOSITION AND METHOD FOR INCREASING THE CONTENT OF GLUCOSINOLATES IN ADULT PLANTS OF THE GENUS BRASSICA ~71:CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS, Serrano 117, Spain;SAKATA SEED IBERICA, S.L.U., Plaza Poeta Vicente Gaos, nº6 B.izq., Spain ~72: AGUDELO SANCHEZ, Ágatha;BERNABEU DURÁ,

Javier;CARVAJAL ALCARAZ, Micaela;MORENO FERNANDEZ, Diego A.;RIOS RUIZ, Juan José~ 33:ES ~31:P201830674 ~32:05/07/2018

2021/00086 ~ Complete ~54:DETECTION AND QUANTIFICATION OF GLYCOSYLATED PEPTIDES ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: ROSENBERG, Avraham Z.;SHEN, Biao~ 33:US ~31:62/697,547 ~32:13/07/2018

2021/00088 ~ Complete ~54:PROCESS FOR PREPARING CARBONATES BY ADDITION OF CO2 WITH AN EPOXIDE ~71:EVONIK OPERATIONS GMBH, RELLINGHAUSER STRASSE 1-11, 45128 ESSEN, GERMANY, Germany ~72: BLEITH, Tim;CASPARI, Maik;GRÄFF, Günther;KRILL, Steffen;SCHÜTZ, Thorben;TRESKOW, Marcel~ 33:EP ~31:18176920.9 ~32:11/06/2018

2021/00090 ~ Complete ~54:METHOD AND APPRATUS FOR REVOKING AUTHORIZATION OF API INVOKER ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE-164 83 STOCKHOLM, SWEDEN, Sweden ~72: XU, Wenliang~ 33:CN ~31:PCT/CN2018/115757 ~32:15/11/2018

2021/00094 ~ Complete ~54:PROCESS FOR A CONTINUOUS SYNTHESIS OF ZEOLITIC MATERIALS USING SEED CRYSTALS LOADED WITH ORGANOTEMPLATE ~71:BASF SE, Carl-Bosch-Str. 38, 67056, Ludwigshafen am Rhein, Germany ~72: ANDREI-NICOLAE PARVULESCU;BERND HINRICHSEN;CHRISTIAN RIEMANN;CHRISTOPH SCHAPPERT;HANNAH SCHREYER;RALF BOEHLING;STEFAN DUMSER;STEFANIE CLADE;ULRICH MUELLER~ 33:EP ~31:18186982.7 ~32:02/08/2018

2021/00096 ~ Complete ~54:SAVOURY LIQUID CONCENTRATE ~71:UNILEVER IP HOLDINGS B.V., Weena 455, 3013, AL Rotterdam, Netherlands ~72: MONIKA RENATE SCHÄNZEL;WINFRIED SAILER~ 33:EP ~31:18184381.4 ~32:19/07/2018

2021/00098 ~ Complete ~54:PHOTOPROTECTIVE COMPOSITIONS CONTAINING MALASSEZIA-DERIVED COMPOUNDS AND/OR CHEMICAL ANALOGS THEREOF ~71:VERSICOLOR TECHNOLOGIES, LLC, 3130 Wilshire Boulevard, Suite 600, Santa Monica, California, 90403, United States of America ~72: ANN MARIE SIMPSON;MICHAEL EINZIGER~ 33:US ~31:62/685,800 ~32:15/06/2018;33:US ~31:62/686,912 ~32:19/06/2018;33:US ~31:62/722,412 ~32:24/08/2018;33:US ~31:62/742,657 ~32:08/10/2018

2021/00103 ~ Complete ~54:TREAD OF TBR PNEUMATIC TYRES OF DRIVING WHEELS ~71:Bridgestone Europe NV/SA, Kleine Kloosterstraat 10, ZAVENTEM B-1932, BELGIUM, Belgium ~72: CAVALIERE, Alessio;FORTE, Gianluca~ 33:IT ~31:102018000007028 ~32:09/07/2018

2021/00087 ~ Complete ~54:BISPECIFIC ANTI-BCMA X ANTI-CD3 ANTIBODIES AND USES THEREOF ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: DELFINO, Frank;DILILLO, David;KIRSHNER, Jessica, R.;OLSON, Kara L.;SINESHCHEKOVA, Olga;SMITH, Eric;ZHANG, Qian~ 33:US ~31:62/700,596 ~32:19/07/2018;33:US ~31:62/750,968 ~32:26/10/2018;33:US ~31:62/793,645 ~32:17/01/2019

2021/00101 ~ Complete ~54:CRYSTAL FORM OF COMPOUND FOR INHIBITING THE ACTIVITY OF CDK4/6 AND USE THEREOF ~71:Betta Pharmaceuticals Co., Ltd., 355 Xingzhong Road, Yuhang, HANGZHOU 311100, ZHEJIANG, CHINA (P.R.C.), People's Republic of China ~72: DING, Lieming;WANG, Jiabing;WANG, Yiqian;ZHANG, Chunhui~ 33:IB ~31:2018/092194 ~32:21/06/2018

2021/00083 ~ Provisional ~54:KASI MOBILE SHOP ~71:Edward Mahlomola Mokhoanatse, 50 Olivia Road, Berea, South Africa ~72: Edward Mahlomola Mokhoanatse~

2021/00100 ~ Complete ~54:APPARATUS AND A METHOD FOR THE USE OF PULSED ELECTROMAGNETIC FIELD TO CHANGE THE CONDITION OF A PRODUCT AND/OR THE GENERATION OF SAID PRODUCT ~71:ZENOTOP LIMITED, 54 Queen Street, United Kingdom ~72: HENRY, William John;TAYLOR, Christopher~ 33:GB ~31:1809355.9 ~32:07/06/2018;33:GB ~31:1813537.6 ~32:20/08/2018;33:GB ~31:1819886.1 ~32:06/12/2018

2021/00099 ~ Complete ~54:RANDOM FOREST INTEGRATION METHOD BASED ON FEATURE MAPPING LAYER AND ENHANCEMENT LAYER STRUCTURES ~71:CHINA UNIVERSITY OF MINING AND TECHNOLOGY, Science Academy of China University of Mining and Technology No. 1 University Road, Xuzhou, Jiangsu, 221116, People's Republic of China ~72: BING LIU;ENJIE DING;GUOPENG ZHANG;GUOYUAN ZHANG;HUIZI WEI;JIANGBO JING;LEI MENG;PENG LIU;XIAOLONG LU;XUEKUI WANG~ 33:CN ~31:201810582698.0 ~32:07/06/2018

2021/00082 ~ Provisional ~54:WIG WASHING DEVICE ~71:Tshepang Mathibe, 344 Stone close, South Africa ~72: Tshepang Mathibe~

2021/00089 ~ Complete ~54:OLIGONUCLEOTIDES FOR MODULATING RTEL1 EXPRESSION ~71:F. HOFFMANN-LA ROCHE AG, GRENZACHERSTRASSE 124, CH-4070 BASEL, SWITZERLAND, Switzerland ~72: BERRERA, Marco;FELBER, Josephine;HOFLACK, Jean-Christophe;KAM-THONG, Tony;KAMMLER, Susanne;LEONARD, Brian;PEDERSEN, Lykke;TRIYATNI, Miriam;TROPBERGER, Philipp;TURLEY, Daniel Jeremy;WALLIER, Angelina;ZHANG, Jitao David~ 33:EP ~31:18183477.1 ~32:13/07/2018

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2021/00183 ~ Complete ~54:GITHUB-BASED SEMI-SUPERVISED HETEROGENEOUS SOFTWARE DEFECT PREDICTION ALGORITHM ~71:GUANGDONG UNIVERSITY OF PETROCHEMICAL TECHNOLOGY, No. 139, Second Guandu Road, Maonan District, Guangdong, People's Republic of China ~72: HUANG, He;JING, Xiaoyuan;LI, Juanjuan;PENG, Zhiping;SUN, Ying;YANG, Yongguang;YAO, Yongfang~ 33:CN ~31:201910261507.5 ~32:02/04/2019

2021/00120 ~ Complete ~54:WALL PROTECTION ASSEMBLY ~71:Edelman Projects Pty Ltd, 15 Chapman Street, MYSTERTON 4812, QUEENSLAND, AUSTRALIA, Australia ~72: EDELMAN, David~ 33:AU ~31:2018902499 ~32:10/07/2018

2021/00107 ~ Complete ~54:CHIMERIC ANTIGEN RECEPTORS WITH BCMA SPECIFICITY AND USES THEREOF ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: BRAY, Kevin;DELFINO, Frank;DILILLO, David;KIRSHNER, Jessica, R.;MEAGHER, Thomas, Craig;SINESHCHEKOVA, Olga~ 33:US ~31:62/700,615 ~32:19/07/2018

2021/00106 ~ Complete ~54:METHODS OF TREATING AND/OR PREVENTING ACTINIC KERATOSIS ~71:ATHENEX, INC., 1001 Main Street, Suite 600, Conventus Building, United States of America ~72: CUTLER, David Lawrence;FANG, Jane;KRAMER, E. Douglas;KWAN, Min-Fun Rudolf;LAU, Johnson Yiu-Nam~ 33:US ~31:62/469,889 ~32:10/03/2017

2021/00113 ~ Complete ~54:PORTABLE HANDLE ASSEMBLY ~71:ANHEUSER-BUSCH INBEV S.A., Grand Place 1, 1000, Brussels, Belgium ~72: KEENAN THOMPSON;WIM DEKOCKER~ 33:BE ~31:2018/5408 ~32:15/06/2018;33:US ~31:62/685,754 ~32:15/06/2018

2021/00114 ~ Complete ~54:PROCESS FOR PREPARING A CEREAL-BASED BEVERAGE WITH MALT AND MALT ROOTLETS ~71:ANHEUSER-BUSCH INBEV S.A., Grand Place 1, 1000, Brussels, Belgium ~72: GABRIEL GOMES DA SILVA;PAOLO BAZZOLI~ 33:BE ~31:BE2018/5398 ~32:14/06/2018

2021/00127 ~ Complete ~54:HYBRID CATALYSTS COMPRISING A ZEOLITE AND A MIXED METAL OXIDE COMPONENT FOR CONVERTING SYNGAS INTO C2 AND C3 OLEFINS ~71:DOW GLOBAL TECHNOLOGIES LLC, 2040 Dow Center Midland, United States of America ~72: CHOJECKI, Adam;KIRILIN, Alexey;MALEK, Andrzej;NIESKENS, Davy L.S.;POLLEFEYT, Glenn;SANTOS CASTRO, Vera P.;YANCEY, David~ 33:US ~31:62/692,139 ~32:29/06/2018

2021/00108 ~ Complete ~54:COMPOUNDS AND METHODS FOR REDUCING ATXN2 EXPRESSION ~71:IONIS PHARMACEUTICALS, INC., 2855 Gazelle Court, Carlsbad, United States of America ~72: FREIER, Susan M;JAFAR-NEJAD, Paymaan;KORDASIEWICZ, Holly;RIGO, Frank;SINGH, Priyam~ 33:US ~31:62/703,240 ~32:25/07/2018

2021/00119 ~ Complete ~54:METHOD AND DEVICE FOR CULTIVATION OF CROPS ~71:Blue Skies 1989 B.V., Beukenlaan 23, STERKSEL 6029 PX, THE NETHERLANDS, Netherlands ~72: KREUGER, Marc;MEEUWS, Gerardus Johannes Jozef Maria;MEEUWS-ABEN, Cornelia Henrica Petronella Maria~ 33:NL ~31:2021101 ~32:11/06/2018

2021/00121 ~ Complete ~54:OPTIMIZING BAG3 GENE THERAPY ~71:Temple University - of The Commonwealth System of Higher Education, Broad & Montgomery Avenue, PHILADELPHIA 19122 , PA, USA, United States of America ~72: FELDMAN, Arthur M.~ 33:US ~31:62/682,404 ~32:08/06/2018

2021/00110 ~ Complete ~54:SYNTHESIS OF E,E-FARNESOL, FARNESYL ACETATE AND SQUALENE FROM FARNESENE VIA FARNESYL CHLORIDE ~71:AMYRIS, INC., 5885 Hollis Street Suite 100, Emeryville, California, 94608, United States of America ~72: FRANK XAVIER WOOLARD;KARL JOSEPH FISHER~ 33:US ~31:62/682,616 ~32:08/06/2018

2021/00117 ~ Complete ~54:METHODS AND COMPOSITIONS FOR RECOVERY OF LITHIUM FROM LIQUID SOLUTIONS WITH NANOPARTICLES ~71:MOSELLE TECHNOLOGIES, LLC, 13995 Diplomat Drive, Suite 300, Farmers Branch, Texas, 75234, United States of America ~72: ROBERT L ALBRIGHT;STANLEY M MEYER~ 33:US ~31:62/694,943 ~32:06/07/2018

2021/00184 ~ Provisional ~54:LUG-BOY HANDBAG AND SHOULDERBAG FOLDING STAND ~71:LINCOLN PHILANI DUMA, 1275 Shongweni main road,, South Africa ~72: LINCOLN PHILANI DUMA~

2021/00124 ~ Complete ~54:DOSING REGIMEN FOR TREATMENT OF COGNITIVE AND MOTOR IMPAIRMENTS WITH BLOOD PLASMA AND BLOOD PLASMA PRODUCTS ~71:ALKAHEST, INC., 125 Shoreway Road, Suite D, United States of America ~72: BRAITHWAITE, Steven P.;CAMPBELL, Meghan Kerrisk;CZIRR, Eva;GALLAGER, Ian;HUBER, Nina;JACKSON, Sam;MINAMI, S. Sakura~ 33:US ~31:62/701,411 ~32:20/07/2018;33:US ~31:62/751,434 ~32:26/10/2018;33:US ~31:62/862,364 ~32:17/06/2019

2021/00104 ~ Provisional ~54:METHOD OF REDUCING TRANSFORMER HUM OF A SHELL-TYPE TRANSFORMER OR INDUCTOR ~71:Jacobus Johannes van der Merwe, 1060 Pierneef Street, Villieria, South Africa ~72: Jacobus Johannes van der Merwe~

2021/00123 ~ Complete ~54:NOVEL CROP NUTRITION AND FORTIFICATION COMPOSITION ~71:SAWANT, Arun Vitthal, B/1, Samip Apartment, Kolivali Village, Gandhari, Kalyan West, Thane, Maharashtra, 421306, India;VADAKEKUTTU, Thankapan, E-1/37/B-9, Sector-8, Phase II, Nerul, Navi Mumbai , Maharashtra, 400706, India ~72: SAWANT, Arun Vitthal;VADAKEKUTTU, Thankapan~ 33:WO ~31:PCT/IB2018/053251 ~32:10/05/2018;33:IN ~31:201821042030 ~32:06/11/2018

2021/00111 ~ Complete ~54:SYSTEM FOR DETERMINING THE STATUS OF A GAS CYLINDER ~71:SMART CYLINDERS AS, Fridtjof Nansens plass 4, 0160, Oslo, Norway ~72: SIMON GREVSTAD;TORMOD HAUGLAND~ 33:GB ~31:1810766.4 ~32:29/06/2018

2021/00118 ~ Complete ~54:A PLASMA LIGHT SOURCE WITH LOW METAL HALIDE DOSE ~71:Ceravision Limited, 28 Tanners Drive, Blakelands, MILTON KEYNES MK14 5BN, BUCKINGHAMSHIRE, UNITED KINGDOM, United Kingdom ~72: MUCKLEJOHN, Stuart;PRESTON, Barry~ 33:GB ~31:1809479.7 ~32:08/06/2018

2021/00109 ~ Complete ~54:METAL WIRE WITH ANTI-CORROSIVE COATING AND INSTALLATION AND METHOD FOR COATING A METAL WIRE ~71:OFFICINE MACCAFERRI S.P.A., Via Kennedy, 10, Italy ~72: Francesco FERRAIOLO~ 33:IT ~31:102018000006582 ~32:22/06/2018

2021/00116 ~ Complete ~54:METHOD AND DEVICE FOR DETERMINING THE PARTICLE EMISSION COEFFICIENT AND POTENTIAL OF A MATERIAL, AND METHOD FOR CONTROLLING A FLOW PATH ~71:UNIVERSITÉ GUSTAVE EIFFEL, Campus de Marne-la-Vallée, 5 Boulevard Descartes, Champs-sur-Marne, 77454 Marne-La-Vallée, Cedex 2, France ~72: ANDRY R RAZAKAMANANTSOA;DANIEL BODENES;ERWAN RAYSSAC;OUARDIA SEDIKI~ 33:FR ~31:1855260 ~32:15/06/2018

2021/00105 ~ Complete ~54:REAL TIME DISCOUNT MARKETPLACE ~71:WITL, LLC, 3523 Oak Knoll Drive, BRIGHTON 48114, MI, USA, United States of America ~72: ATTISHA, Sam B.;CZAJKA, Ronald J.~ 33:US ~31:62/958,453 ~32:08/01/2020;33:US ~31:16/806,016 ~32:02/03/2020

2021/00125 ~ Complete ~54:NOVEL FUSION PROTEIN SPECIFIC FOR CD137 AND PD-L1 ~71:LES LABORATOIRES SERVIER, 35 rue de Verdun, France;PIERIS PHARMACEUTICALS GMBH, Lise-Meitner-Strasse 30, Germany ~72: BEL AIBA, Rachida;HINNER, Marlon;OLWILL, Shane;PATTARINI, Lucia;PAVLIDOU, Marina;PEPER, Janet;ROTHE, Christine;SCHOLER-DAHIREL, Alix~ 33:EP ~31:18186445.5 ~32:31/07/2018;33:EP ~31:18204548.4 ~32:06/11/2018

2021/00122 ~ Complete ~54:ADAPTIVE COMFORT NOISE PARAMETER DETERMINATION ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), Torshamnsgatan 23, Sweden ~72: JANSSON TOFTGÅRD, Tomas;JANSSON, Fredrik~ 33:US ~31:62/691,069 ~32:28/06/2018

2021/00112 ~ Complete ~54:PORTABLE COOLING MULTIPACK ~71:ANHEUSER-BUSCH INBEV S.A., Grand Place 1, 1000, Brussels, Belgium ~72: KEENAN THOMPSON;WIM DEKOCKER~ 33:BE ~31:2018/5405 ~32:15/06/2018;33:US ~31:62/685,769 ~32:15/06/2018

2021/00115 ~ Complete ~54:NOVEL PROTEIN WITH ANTI-INFLAMMATORY PROPERTIES ~71:IMMUNE REGULATION LIMITED, c/o BCS, Windsor House Station Court, Station Road Great Shelford, Cambridge, CB22 5NE, United Kingdom ~72: GABRIEL STAVROS PANAYI;VALERIE MARY CORRIGALL~ 33:GB ~31:1809703.0 ~32:13/06/2018;33:US ~31:16/007,742 ~32:13/06/2018

2021/00126 ~ Complete ~54:HYBRID CATALYSTS COMPRISING A MIXED METAL OXIDE COMPONENT FOR PRODUCTION OF C2 AND C3 HYDROCARBONS ~71:DOW GLOBAL TECHNOLOGIES LLC, 2040 Dow Center Midland, United States of America ~72: CHOJECKI, Adam;KIRILIN, Alexey;MALEK, Andrzej;NIESKENS, Davy L.S.;POLLEFEYT, Glenn;SANTOS CASTRO, Vera P.;YANCEY, David~ 33:US ~31:62/692,155 ~32:29/06/2018

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2021/00141 ~ Complete ~54:ARYL-N-ARYL DERIVATIVES FOR TREATING A RNA VIRUS INFECTION ~71:ABIVAX, 5 rue de la Baume, 75008, Paris, France;CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 3, rue Michel Ange, 75794 Paris, Cedex 16, France;INSTITUT CURIE, 26 rue d'Ulm, 75248, Paris Cedex 05, France;UNIVERSITE DE MONTPELLIER, 163 rue Auguste Broussonnet, 34090, Montpellier, France ~72: CÉCILE APOLIT;DIDIER SCHERRER;FLORENCE MAHUTEAU-BETZER;JAMAL TAZI;JULIEN SANTO;ROMAIN NAJMAN~ 33:EP ~31:18305911.2 ~32:09/07/2018

2021/00135 ~ Complete ~54:TEMPORALLY AND SPATIALLY TARGETED DYNAMIC NITROGEN DELIVERY BY REMODELED MICROBES ~71:Pivot Bio, Inc., 2929 7th Street Suite 120, BERKELEY 94710, CA, USA, United States of America ~72: BLOCH, Sarah;BROGLIE, Richard;CLARK, Rosemary;REISINGER, Mark;SANDERS, Ernest;TAMSIR, Alvin;TEMME, Karsten~ 33:US ~31:62/696,452 ~32:11/07/2018;33:US ~31:62/801,504 ~32:05/02/2019

2021/00136 ~ Complete ~54:NOVEL CROP NUTRITION AND FORTIFICATION COMPOSITION ~71:SAWANT, Arun Vitthal, B/1, Samip Apartment, Kolivali Village, Gandhari, Kalyan West, Thane, Maharashtra, 421306, India;VADAKEKUTTU, Thankapan, E-1/37/B-9, Sector-8, Phase II, Nerul , Navi Mumbai , Maharashtra, 400706, India ~72: SAWANT, Arun Vitthal;VADAKEKUTTU, Thankapan~ 33:WO ~31:PCT/IB2018/053251 ~32:10/05/2018;33:IN ~31:20181033608 ~32:06/09/2018

2021/00130 ~ Complete ~54:STABILIZED EMULSIONS WITH ACIDIC AGENTS ~71:Avon Products, Inc., Avon Place, SUFFERN 10901, NY, USA, United States of America ~72: HUTSON, Ashley L.;NOVACK, Candice DeLeo~ 33:US ~31:62/683,960 ~32:12/06/2018;33:US ~31:16/439,509 ~32:12/06/2019

2021/00140 ~ Complete ~54:PYRIDOPYRIMIDINONE DERIVATIVES FOR USE AS AXL INHIBITORS ~71:OSCOTEC INC., A-901, 700, Daewangpangyo-ro, Bundang-gu, Seongnam-si, Gyeonggi-do, 13488, Republic of Korea ~72: DONG-SIK JUNG;HEE KYU LEE;JANG-SIK CHOI;JUNG-HO KIM;SUNG-HO PARK;YUNG-GEUN CHOI~ 33:US ~31:62/690,620 ~32:27/06/2018

2021/00134 ~ Complete ~54:METHODS OF TREATING CUT STEM TOBACCO MATERIAL ~71:British American Tobacco (Investments) Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: FRANKE, Dietmar;GRZONKA, Horst;LINDNER, Thomas;LINK, Matthias;PLUECKHAHN, Frank~ 33:GB ~31:1811370.4 ~32:11/07/2018

2021/00139 ~ Complete ~54:RECOMBINANT PROTEASE INHIBITOR-CONTAINING COMPOSITIONS, METHODS FOR PRODUCING SAME AND USES THEREOF ~71:ORAMED LTD., Hi-Tech Park 2/5 Givat Ram P. O. Box 39098, Jerusalem, 91390, Israel ~72: KAJAL ARORA;MIRIAM KIDRON;NUPUR MEHROTRA ARORA;PRABUDDHA KUNDU;RAMACHANDRA NAGARAJU~ 33:US ~31:62/683,061 ~32:11/06/2018

2021/00138 ~ Complete ~54:NOVEL CROP NUTRITION AND FORTIFICATION COMPOSITION ~71:SAWANT, Arun Vitthal, B/1, Samip Apartment, Kolivali Village, Gandhari, Kalyan West, Thane, Maharashtra, 421306, India;VADAKEKUTTU, Thankapan, E-1/37/B-9, Sector-8, Phase II, Nerul, Navi Mumbai, Maharashtra, 4000706, India ~72: SAWANT, Arun Vitthal;VADAKEKUTTU, Thankapan~ 33:WO ~31:PCT/IB2018/053251 ~32:10/05/2018;33:IN ~31:201821042026 ~32:06/11/2018

2021/00144 ~ Complete ~54:PHENYL-N-QUINOLINE DERIVATIVES FOR TREATING A RNA VIRUS INFECTION ~71:ABIVAX, 5 rue de la Baume, 75008, Paris, France;CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 3, rue Michel Ange, 75794 Paris, Cedex 16, France;INSTITUT CURIE, 26 rue d'Ulm, 75248, Paris Cedex 05, France;UNIVERSITE DE MONTPELLIER, 163 rue Auguste Broussonnet, 34090, Montpellier, France ~72: CÉCILE APOLIT;DIDIER SCHERRER;FLORENCE MAHUTEAU-BETZER;JAMAL TAZI;JULIEN SANTO;ROMAIN NAJMAN~ 33:EP ~31:18305910.4 ~32:09/07/2018

2021/00148 ~ Complete ~54:HALOALLYLAMINE SULFONE DERIVATIVE INHIBITORS OF LYSYL OXIDASES AND USES ~71:PHARMAXIS LTD., 20 Rodborough Road Frenchs Forest, Australia ~72: BUSON, Alberto;DEODHAR, Mandar;FINDLAY, Alison Dorothy;FOOT, Jonathan Stuart;GRECO, Angelique Elsa;JAROLIMEK, Wolfgang;TURNER, Craig Ivan;ZHOU, Wenbin~ 33:AU ~31:2018902829 ~32:03/08/2018

2021/00131 ~ Complete ~54:A SOLID FREE-FLOWING PARTICULATE LAUNDRY DETERGENT COMPOSITION ~71:The Procter & Gamble Company, One Procter & Gamble Plaza, CINCINNATI 45202, OH, USA, United States of America ~72: BROOKER, Anju;CUTHBERTSON, Melissa;LATIMER, Katherine Esther;ROBLES, Eric San Jose;VACCARO, Mauro~ 33:EP ~31:18183124.9 ~32:12/07/2018

2021/00142 ~ Complete ~54:PHENYL/PYRIDYL-N-PHENYL/PYRIDYL DERIVATIVES FOR TREATING A RNA VIRUS INFECTION ~71:ABIVAX, 5 rue de la Baume, 75008, Paris, France;CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 3, rue Michel Ange, 75794 Paris, Cedex 16, France;INSTITUT CURIE, 26 rue d'Ulm, 75248, Paris Cedex 05, France;UNIVERSITE DE MONTPELLIER, 163 rue Auguste Broussonnet, 34090, Montpellier, France ~72: CÉCILE APOLIT;DIDIER SCHERRER;FLORENCE MAHUTEAU-BETZER;JAMAL TAZI;JULIEN SANTO;ROMAIN NAJMAN~ 33:EP ~31:18305911.2 ~32:09/07/2018

2021/00145 ~ Complete ~54:IL2 AGONISTS ~71:BIONTECH RNA PHARMACEUTICALS GMBH, An der Goldgrube 12, 55131, Mainz, Germany;TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITÄTSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITÄT MAINZ GEMEINNÜTZIGE GMBH, Freiligrathstr. 12, 55131, Mainz, Germany ~72: ALEXANDER MUIK;BODO TILLMANN;FRIEDERIKE GIESEKE;LENA MAREEN KRANZ;MATHIAS VORMEHR;SINA FELLERMEIER-KOPF;SONJA WITZEL;UGUR SAHIN~ 33:EP ~31:PCT/EP2018/070068 ~32:24/07/2018

2021/00133 ~ Complete ~54:GUIDED MICROBIAL REMODELING, A PLATFORM FOR THE RATIONAL IMPROVEMENT OF MICROBIAL SPECIES FOR AGRICULTURE ~71:Pivot Bio, Inc., 2929 7th Street Suite 120, BERKELEY 94710, CA, USA, United States of America ~72: BLOCH, Sarah;CLARK, Rosemary;DAVIS-RICHARDSON, Austin;GOTTLIEB, Shayin;HIGGINS, Douglas;TAMSIR, Alvin;TEMME, Karsten~ 33:US ~31:62/690,619 ~32:27/06/2018

2021/00146 ~ Complete ~54:DIMERIC IMMUNO-MODULATORY COMPOUNDS AGAINST CEREBLON-BASED MECHANISMS ~71:H. LEE MOFFITT CANCER CENTER AND RESEARCH INSTITUTE, INC., 12902 Magnolia Drive, Tampa, Florida, 33612-9497, United States of America ~72: HARSHANI LAWRENCE;NICHOLAS J LAWRENCE;PEARLIE BURNETTE~ 33:US ~31:62/696,508 ~32:11/07/2018

2021/00137 ~ Complete ~54:ADDITION INTO THE FUEL MIXTURE OF NUCLEAR FUEL FOR NUCLEAR REACTORS ~71:WEST REALITY, S.R.O., Szakkayho 1 040 01, Slovakia ~72: RAFAY, Peter~ 33:SK ~31:PP 67-2018 ~32:24/07/2018

2021/00143 ~ Complete ~54:PHENYL/PYRIDYL-N-PHENYL/PYRIDYL DERIVATIVES FOR TREATING RNA VIRUS INFECTION ~71:ABIVAX, 5 rue de la Baume, 75008, Paris, France;CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 3, rue Michel Ange, 75794 Paris, Cedex 16, France;INSTITUT CURIE, 26 rue d'Ulm, 75248, Paris Cedex 05, France;UNIVERSITE DE MONTPELLIER, 163 rue Auguste Broussonnet, 34090, Montpellier, France ~72: CÉCILE APOLIT;DIDIER SCHERRER;FLORENCE MAHUTEAU-BETZER;JAMAL TAZI;JULIEN SANTO;ROMAIN NAJMAN~ 33:EP ~31:18305911.2 ~32:09/07/2018

2021/00147 ~ Complete ~54:TECHNIQUE FOR DENATURING OF SMALL ORGANIC ITEMS IN PREMISES ~71:DUSMIT LTD, 240 Hashikma Street, Kfar Hanagid, 7687500, Israel ~72: OFER NIDAM~ 33:IL ~31:259945 ~32:11/06/2018

2021/00128 ~ Provisional ~54:NOMADPLUG ~71:Sagacity Investments (Pty) Ltd t/a nomadplug, 12 Purdey Street , Woodmead Springs , Johannesburg, South Africa ~72: Ryan Silberman~

2021/00132 ~ Complete ~54:PLANT GROWTH REGULATOR CONCENTRATE AND USE THEREOF ~71:Fine Agrochemicals Limited, Hill End House, Whittington, WORCESTER WR5 2RQ, UNITED KINGDOM, United Kingdom ~72: BEVILLE, Mark;SCOTT, Graham Vaughan;SEAMAN, Graham David;WIKELEY, Philip Simon~ 33:EP ~31:18183000.1 ~32:11/07/2018

2021/00129 ~ Complete ~54:WHEEL TRANSMISSION MECHANISM AND ELECTRIC VEHICLE COMPRISING SAME ~71:GUANGDONG MECHANICAL & ELECTRICAL POLYTECHNIC, No. 2 Chanchushi East Road, Tonghe, People's Republic of China ~72: CHEN, Xueqing;HUANG, Jianzhu;TONG, Lei~ 33:CN ~31:201910249643.2 ~32:29/03/2019

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2021/00156 ~ Provisional ~54:MY BIG BREAK: 2ND CHANCES ~71:Sifundo Mthembu, 6 Alfred Storm Drive, South Africa ~72: Sifundo Mthembu~

2021/00163 ~ Complete ~54:COMPOSITION COMPRISING A POLYESTER-POLYETHER POLYMER, A TRANSITION METAL CATALYST, AND AN ACTIVE MATERIAL ~71:CLARIANT PLASTICS & COATINGS LTD, Rothausstr. 61, Switzerland ~72: BOUKOBZA, Sarah;ROMEO, Bernardo~ 33:EP ~31:18183387.2 ~32:13/07/2018

2021/00171 ~ Complete ~54:WEAR-RESISTANT IRON-BASED ALLOY COMPOSITIONS COMPRISING NICKEL ~71:HÖGANÄS AB (PUBL), Bruksgatan 35, 26383, Höganäs, Sweden ~72: BARBARA MAROLI;KARIN FRISK;ROBERT FRYKHOLM;SVEN BENGTSSON~ 33:EP ~31:18181115.9 ~32:02/07/2018

2021/00175 ~ Complete ~54:ULTRA STABLE CEMENTITIOUS MATERIAL FORMULATION, PROCESS FOR ITS MAKING, AND ULTRA STABLE TILE BACKER BOARD FORMULATION AND PROCESSES FOR ITS MAKING ~71:MiTek Holdings, Inc., 802 West Street, WILMINGTON 19801, DE, USA, United States of America ~72: ROCHNER, Brett;WAMBAUGH, James A.~ 33:US ~31:16/006,554 ~32:12/06/2018;33:US ~31:16/006,570 ~32:12/06/2018;33:US ~31:16/006,583 ~32:12/06/2018;33:US ~31:16/006,598 ~32:12/06/2018

2021/00150 ~ Provisional ~54:BIO-DEGRADABLE CASKETS AND COFFINS ~71:Tlhompo Pele PTY LTD, 5994 Crawbugger Crescent, South Africa ~72: Sechaba & Matshepo Moeng~ 33:ZA ~31:2014/19868 ~32:09/01/2021

2021/00157 ~ Provisional ~54:J/S/8 MOTOR ENGINE ~71:Sathish Telukram, 90 Mcbride Street, Brackenhurst, Alberton, Johannesburg, Gauteng, 1448, South Africa ~72: Sathish Telukram~

2021/00164 ~ Complete ~54:SYSTEM AND METHODS FOR ENGINEERING BACTERIA FIT FOR EUKARYOTIC MRNA PRODUCTION, EXPORT, AND TRANSLATION IN A EUKARYOTIC HOST ~71:PEBBLE LABS USA, INC., 100 Entrada Drive, Los Alamos, NM, United States of America ~72: COSTA-NUNES, Pedro;SAYRE, Richard;YIN, Dr., Guohua~ 33:US ~31:62/693,963 ~32:04/07/2018

2021/00170 ~ Complete ~54:WEAR-RESISTANT IRON-BASED ALLOY COMPOSITIONS COMPRISING CHROMIUM ~71:HÖGANÄS AB (PUBL), Bruksgatan 35, 26383, Höganäs, Sweden ~72: BARBARA MAROLI;KARIN FRISK;ROBERT FRYKHOLM;SVEN BENGTSSON~ 33:EP ~31:18181105.0 ~32:02/07/2018

2021/00176 ~ Complete ~54:DYNAMIC DISPLAY SYSTEM FOR BAGGAGE CAROUSEL ~71:JALLOUL, Tony Moussa, Eastern Province, Al Khobar Prince Sultan Street, DAHRAN TOWER 3201, SAUDI ARABIA, Saudi Arabia ~72: JALLOUL, Tony Moussa~ 33:US ~31:62/684,799 ~32:14/06/2018

2021/00152 ~ Provisional ~54:ROCNET MOBILE STOCKVEL ~71:Christopher Otto, 2 Somerset street, Nazareth, South Africa ~72: Christopher Otto~

2021/00168 ~ Complete ~54:EXPANDER FOR SOEC APPLICATIONS ~71:HALDOR TOPSØE A/S, Haldor Topsøes Allé 1, 2800 Kgs., Lyngby, Denmark ~72: JOHN BØGILD HANSEN~ 33:DK ~31:PA 2018 00385 ~32:12/07/2018

2021/00174 ~ Complete ~54:PROTEIN TYROSINE PHOSPHATASE INHIBITORS AND METHODS OF USE THEREOF ~71:ABBVIE INC., 1 North Waukegan Road, North Chicago, Illinois, 60064, United States of America;CALICO LIFE SCIENCES LLC, 1170 Veterans Blvd, South San Francisco, California, 94080, United States of America ~72: ANDREW BOGDAN;CHRISTINA BAUMGARTNER;CHRISTOS ECONOMOU;ELLIOT FARNEY;GEOFF HALVORSEN;HONGYU ZHAO;JASON R ABBOTT;JENNIFER M FROST;MATTHEW O'CONNOR;PHIL KYM;QINGWEI I ZHANG;ROOHOLLAH KAZEM SHIROODI;XUEQING WANG;ZHAOMING XIONG~ 33:US ~31:62/688,226 ~32:21/06/2018

2021/00166 ~ Complete ~54:COMPOSITION COMPRISING GLYCYRRHIN AND COSMETIC AND PHARMACEUTICAL USES THEREOF ~71:ATG 20 S.R.L., Via G.B. Oliva 6/8, Pisa, 56121, Italy ~72: SANSÒ, Marco Aldo~ 33:IT ~31:102018000007291 ~32:18/07/2018

2021/00162 ~ Complete ~54:HETEROAROMATIC COMPOUNDS AS VANIN INHIBITORS ~71:BOEHRINGER INGELHEIM INTERNATIONAL GMBH, Binger Strasse 173, Germany ~72: FLECK, Martin,Thomas;GODBOUT, Cédrickx;KOOLMAN, Hannes, Fiepko~ 33:EP ~31:18191082.9 ~32:28/08/2018

2021/00169 ~ Complete ~54:TRACTIVE VEHICLE AND VEHICLE COMBINATION AND METHOD FOR OPERATING A TRACTIVE VEHICLE AND VEHICLE COMBINATION ~71:BOMBARDIER TRANSPORTATION GMBH, Eichhornstraße 3, 10785, Berlin, Germany ~72: CHRISTOPH OERTLI;MANUEL AYALA;MICHAEL KRETZ;PETER BRUGGER;PETER CHRISTENER;RÜDIGER KÖGEL~ 33:DE ~31:10 2018 115 613.8 ~32:28/06/2018

2021/00179 ~ Complete ~54:ANTIBODIES AGAINST CAMPYLOBACTER SPECIES ~71:Humabs BioMed SA, via Mirasole 1, BELLINZONA 6500, SWITZERLAND, Switzerland;Institute for Research in Biomedicine, Via Vincenzo Vela 6, BELLINZONA 6500, SWITZERLAND, Switzerland ~72: BENIGNI, Fabio;CORTI, Davide;GRASSI, Fabio;PERRUZZA, Lisa;PIZZUTO, Matteo~ 33:US ~31:62/699,573 ~32:17/07/2018

2021/00180 ~ Complete ~54:SYSTEMS AND METHODS FOR CENTERING A CIRCULAR OBJECT ~71:BD Kiestra B.V., Marconilaan 6, DRACHTEN 9207 JC, THE NETHERLANDS, Netherlands ~72: KLEEFSTRA, Martijn;KUIPER, Wouter;VAN DER DONG, Harm W.;VAN DER VIJVER, Jan Bart~ 33:US ~31:62/697,197 ~32:12/07/2018

2021/00149 ~ Provisional ~54:CLARITY IS AN INNOVATION CONSISTING OF A MOBILE APPLICATION FOR MANAGEMENT OF MENTAL HEALTH USING MINDFULNESS VIRTUAL TRAINING ~71:RALUCA PAUNA, 47 Beryl Street Cyrildene, South Africa ~72: RALUCA PAUNA;Shery Clein~

2021/00153 ~ Provisional ~54:THE NATIONAL FLOWER MAST DESIGN ~71:JJ Govender, 49 Allen Road, South Africa ~72: JJ Govender~

2021/00158 ~ Complete ~54:IMIDAZO[1,2-B]PYRIDAZINE DERIVATIVES AS TRK INHIBITORS ~71:BENEVOLENTAI BIO LIMITED, 4-8 Maple Street, United Kingdom ~72: BROWN, Alan;GLEN, Angela~ 33:GB ~31:1811825.7 ~32:19/07/2018

2021/00167 ~ Complete ~54:THERMOLYTIC FRAGMENTATION OF SUGARS USING RESISTANCE HEATING ~71:HALDOR TOPSØE A/S, Haldor Topsøes Allé 1, DK-2800, Kgs. Lyngby, Denmark ~72: LARS STORM PEDERSEN;MORTEN BOBERG LARSEN;PETER MØLGAARD MORTENSEN~ 33:DK ~31:PA 2018 00393 ~32:16/07/2018

2021/00178 ~ Complete ~54:METHOD AND SYSTEM FOR ACKNOWLEDGING PRESENCE IN A CONTEXT-AWARE ENVIRONMENT ~71:Newtrax Holdings Inc., Et.8-360 rue St-Jacques, MONTREAL H2Y 1P5, QUÉBEC, CANADA, Canada ~72: BOUCHARD, Martin;CERVINKA, Alexandre~ 33:US ~31:62/702,313 ~32:23/07/2018

2021/00182 ~ Provisional ~54:EASY CASH WITHDRAWAL SERVICE (ECWS) ~71:SAKHILE HOPEWELL NTULI, 1351 EXT 5 EMPUMELELWENI, South Africa ~72: SAKHILE HOPEWELL NTULI~

2021/00160 ~ Complete ~54:OPTICALLY BRIGHTENED LATEXES ~71:ARCHROMA IP GMBH, Neuhofstrasse 11, Switzerland ~72: ATKINSON, David;CORPET, Damien Julien;DOMINGUEZ, Cristina;JACKSON, Andrew~ 33:EP ~31:18194527.0 ~32:14/09/2018

2021/00172 ~ Complete ~54:GREEN PREPARATION METHOD FOR SOLUBLE AND INSOLUBLE DIETARY FIBERS IN FRUIT AND VEGETABLE RESIDUES ~71:ZHEJIANG UNIVERSITY, No. 866, Yuhangtang Road, Xihu District, Hangzhou, Zhejiang, 310058, People's Republic of China ~72: HUAN CHENG;JIANLE CHEN;SHIGUO CHEN;XINGQIAN YE~ 33:CN ~31:201910558814.X ~32:26/06/2019

2021/00155 ~ Provisional ~54:BREAKOUT WRENCH APPARATUS ~71:MAMMOTH PLANT AND EQUIPMENT PROPRIETARY LIMITED, 9A Chopin Street, Klarinet Industrial Area, Witbank 1035, Mpumalanga, SOUTH AFRICA, South Africa ~72: GOUWS, Juan~

2021/00161 ~ Complete ~54:A WIRE NETTING, A PROCESS AND A DEVICE FOR MANUFACTURING THE WIRE NETTING ~71:ODZIOMEK, Ryszard, UL. SOBIESKIEGO 16B M.9, 31 -136 KRAKÓW, POLAND, Poland ~72: ODZIOMEK, Ryszard~ 33:PL ~31:P.425949 ~32:15/06/2018

2021/00154 ~ Provisional ~54:STATIONARY ROWING MACHINE ~71:DE JONGE, Hendrik, Jan, FORBES AVENUE 66, PORT ELIZABETH, 6001, SOUTH AFRICA, South Africa ~72: DE JONGE, Hendrik, Jan~

2021/00159 ~ Complete ~54:IMIDAZO[1,2-B]PYRIDAZINES AS TRK INHIBITORS ~71:BENEVOLENTAI BIO LIMITED, 4-8 Maple Street, United Kingdom ~72: BROWN, Alan;GLEN, Angela~ 33:GB ~31:1813791.9 ~32:23/08/2018

2021/00173 ~ Complete ~54:COMPOSITIONS AND METHODS FOR THE TREATMENT AND PREVENTION OF NEUROLOGICAL DISORDERS ~71:YUMANITY THERAPEUTICS, INC., 790 Memorial Drive, Suite 2C, Cambridge, Massachusetts, 02139, United States of America ~72: BERTRAND LE BOURDONNEC;BHAUMIK PANDYA;DANIEL TARDIFF;JEFF PIOTROWSKI;KENNETH RHODES;MATTHEW LUCAS;REBECCA ARON;ROBERT SCANNEVIN~ 33:US ~31:62/688,115 ~32:21/06/2018

2021/00151 ~ Provisional ~54:HEALTH I-BOT V1 IS AN APPARATUS AND A METHOD OF READING AND INTERPRETING THE IMAGE OF A MEDICAL SPECIAL INVESTIGATIONS TEST, INCLUDING SEROLOGY TESTS, TRANSFERRING THE DIGITIZED IMAGE TO A MODULE HOSTED IN THE CLOUD AND FURTHER INTERPRETING AND ANALYSING THE RESULT TO SUPPORT AN ACCURATE DIAGNOSIS. ~71:Raluca

Pauna, 47 Beryl Street, Cyrildene, South Africa ~72: RALUCA PAUNA;Samuel van Eeden;Walter van Eeden;Werner van Eeden~

2021/00165 ~ Complete ~54:A TELEMATICS SYSTEM FOR A VEHICLE ~71:PFK ELECTRONICS (PTY) LTD, Building 2, Glass House Office Park, 309 Umhlanga Rocks Drive, South Africa ~72: SANDERSON, Daniel;SULLIVAN, Alan, John~ 33:ZA ~31:2018/04370 ~32:29/06/2018

2021/00177 ~ Complete ~54:RECOMBINANT ADENO-ASSOCIATED VIRUS PRODUCTS AND METHODS FOR TREATING LIMB GIRDLE MUSCULAR DYSTROPHY 2A ~71:Research Institute at Nationwide Children's Hospital, 700 Children's Drive, Room W172, COLUMBUS 43205, OH, USA, United States of America ~72: SAHENK, Zarife~ 33:US ~31:62/691,934 ~32:29/06/2018;33:US ~31:62/865,081 ~32:21/06/2019

2021/00181 ~ Complete ~54:COMPOSITION OF FUSED TRICYCLIC Γ-AMINO ACID DERIVATIVE AND PREPARATION THEREFOR ~71:Sichuan Haisco Pharmaceutical Co., Ltd., No.136 Beverley Road, Across the Taiwan Strait Technology Industry Development Park, Wenjiang District, CHENGDU 611130, SICHUAN, CHINA (P.R.C.), People's Republic of China ~72: DENG, Juanjuan;MAO, Hua;PENG, Feng;YAN, Pangke;ZHANG, Xuanmiao~ 33:CN ~31:201810756863.X ~32:12/07/2018

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2021/00209 ~ Complete ~54:PERSONALIZED CANCER VACCINE EPITOPE SELECTION ~71:MODERNATX, INC., 200 Technology Square, Cambridge, Massachusetts, 02139, United States of America ~72: BENJAMIN BRETON;IAIN MCFADYEN;KRISTEN HOPSON;MAIJA GARNAAS;SHAN ZHONG;VINCENT LUCZKOW~ 33:US ~31:62/690,441 ~32:27/06/2018;33:US ~31:62/757,045 ~32:07/11/2018;33:US ~31:62/814,200 ~32:05/03/2019;33:US ~31:62/855,311 ~32:31/05/2019

2021/00185 ~ Provisional ~54:A MOUNTING ARRANGEMENT ~71:DE VILLIERS, Charl, Pierre, 4 BELLAGIO STREET, BELAIRE, SOMERSET WEST, 7130, SOUTH AFRICA, South Africa ~72: DE VILLIERS, Charl, Pierre~

2021/00207 ~ Complete ~54:BENEFIT AGENT DELIVERY PARTICLES ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: ANDREW PHILIP PARKER;CRAIG WARREN JONES~ 33:EP ~31:18183988.7 ~32:17/07/2018

2021/00203 ~ Complete ~54:FILM-COATED TABLET COMPRISING A TRIAZINE DERIVATIVE FOR USE IN THE TREATMENT OF DIABETES ~71:POXEL, Immeuble Le Sunway 259/261, Avenue Jean Jaurès, 69007, Lyon, France ~72: MAXIME LAUGIER;SÉBASTIEN BOLZE~ 33:EP ~31:18305730.6 ~32:14/06/2018

2021/00186 ~ Provisional ~54:A DEBT MANAGEMENT SYSTEM ~71:JONCK, Johannes, Hendrikus, 33A BROOKS STREET, BROOKLYN, PRETORIA, 0011, SOUTH AFRICA, South Africa ~72: JONCK, Johannes, Hendrikus~

2021/00188 ~ Complete ~54:NATIONAL ECONOMIC ESTIMATION METHOD AND DEVICE BASED ON LUMINOUS REMOTE SENSING DATA ~71:Hunan University of Science and Technology, Shimatou, Yuhu district, Xiangtan, Hunan, People's Republic of China ~72: Shan Wang;Xinbao Chen;Zhangqian Yang~ 33:CN ~31:2020113875115 ~32:02/12/2020

2021/00194 ~ Complete ~54:EXPANDABLE FIRE-FIGHTING FOAM SYSTEM, COMPOSITION, AND METHOD OF MANUFACTURE ~71:DU PLESSIS, Jaco, 720 Clear Creek Ste B, League City, Texas 77573, United States of America ~72: DU PLESSIS, Jaco~ 33:US ~31:16/040,301 ~32:19/07/2018

2021/00197 ~ Complete ~54:BICYCLIC INHIBITORS OF HISTONE DEACETYLASE ~71:Alkermes, Inc., 852 Winter Street, WALTHAM 02451-1420, MA, USA, United States of America ~72: FULLER, Nathan Oliver;LOWE, III, John A.~ 33:US ~31:62/697,497 ~32:13/07/2018

2021/00210 ~ Complete ~54:APTAMER PREPARATION ~71:RIBOMIC INC., 16-13, Shirokanedai 3-chome Minato-ku, Tokyo, 108-0071, Japan ~72: KAZUMASA AKITA;YOSHIKAZU NAKAMURA;YUSUF ALI~ 33:JP ~31:2018-124390 ~32:29/06/2018

2021/00206 ~ Complete ~54:GRINDER FOR GRINDING MATERIAL TO BE GROUND ~71:JURA ELEKTROAPPARATE AG, Kaffeeweltstrasse 10, 4626, Niederbuchsiten, Switzerland ~72: ERICH ULLMANN;PHILIPP BÜTTIKER~ 33:EP ~31:18190044.0 ~32:21/08/2018

2021/00192 ~ Complete ~54:PHOSPHATE AND PHOSPHONATE DERIVATIVES OF 7-AMINO-5-THIO-THIAZOLO[4,5-D]PYRIMIDINES AND THEIR USE IN TREATING CONDITIONS ASSOCIATED WITH ELEVATED LEVELS OF CX3CR1 AND/OR CX3CL1 ~71:KANCERA AB, Karolinska Institutet Science Park, Sweden ~72: BYSTRÖM, Styrbjörn;JÖNSSON, Mattias;OLSSON, Elisabeth;VÅGBERG, Jan~ 33:GB ~31:1811169.0 ~32:06/07/2018

2021/00200 ~ Complete ~54:AEROSOL GENERATION ~71:Nicoventures Trading Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, GREATER LONDON, UNITED KINGDOM, United Kingdom ~72: KABIRAT, Junior~ 33:GB ~31:1812501.3 ~32:31/07/2018

2021/00196 ~ Complete ~54:MANUFACTURING PROCESS AND INTERMEDIATES FOR A PYRROLO[2,3-D]PYRIMIDINE COMPOUND AND USE THEREOF ~71:Pfizer Inc., 235 East 42nd Street, NEW YORK 10017, NY, USA, United States of America ~72: ARORA, Kapildev Kashmirilal;DEFOREST, Jacob Cole;HILLS, Andrew Kevern;JONES, Brian Patrick;JONES, Kris Nicole;LEWIS, Chad Arthur;RANE, Anil Mahadeo~ 33:US ~31:62/694,698 ~32:06/07/2018;33:US ~31:62/776,642 ~32:07/12/2018;33:US ~31:62/855,071 ~32:31/05/2019

2021/00189 ~ Complete ~54:ENCODING METHODS AND SYSTEMS ~71:LICENTIA GROUP LIMITED, 3 Assembly Square, Britannia Quay, United Kingdom;MYPINPAD LIMITED, 3 Assembly Square, Britannia Quay, United Kingdom ~72: PIKE, Justin~ 33:GB ~31:1509030.1 ~32:27/05/2015;33:GB ~31:1509031.9 ~32:27/05/2015;33:GB ~31:1520741.8 ~32:24/11/2015;33:GB ~31:1520760.8 ~32:24/11/2015

2021/00191 ~ Complete ~54:METHOD AND DEVICE FOR ESTIMATING A NUMBER OF DISTINCT SUBSCRIBERS OF A TELECOMMUNICATION NETWORK IMPACTED BY NETWORK ISSUES ~71:EXFO SOLUTIONS SAS, 2 rue Jacqueline Auriol, France ~72: BOUSSAC, Thierry;CRUCEANU, Richard~ 33:US ~31:62/963,324 ~32:20/01/2020;33:US ~31:62/975,414 ~32:12/02/2020

2021/00199 ~ Complete ~54:ANTI-PD-1 ANTIBODIES AND USES THEREOF ~71:Incyte Corporation, 1801 Augustine Cut-Off, WILMINGTON 19803, DE, USA, United States of America;MacroGenics, Inc., 9704 Medical Center Drive, ROCKVILLE 20850, MD, USA, United States of America ~72: CORNFELD, Mark;LA MOTTE-MOHS, Ross;PANDYA, Naimish Bharat;SUMROW, Bradley James;WIGGINTON, Jon Marc~ 33:US ~31:62/687,673 ~32:20/06/2018;33:US ~31:62/756,319 ~32:06/11/2018

2021/00205 ~ Complete ~54:VARIANTS OF CD38 ANTIBODY AND USES THEREOF ~71:GENMAB A/S, Kalvebod Brygge 43, 1560, Copenhagen V, Denmark ~72: BART E C G DE GOEIJ;DAVID SATIJN;FRANK BEURSKENS;GRIETJE ANDRINGA;JANINE SCHUURMAN;TAHAMTAN AHMADI~ 33:US ~31:62/697,730 ~32:13/07/2018;33:US ~31:62/848,874 ~32:16/05/2019

2021/00195 ~ Complete ~54:PURINONE COMPOUNDS AND THEIR USE IN TREATING CANCER ~71:AstraZeneca AB, SÖDERTÄLJE SE-151 85, SWEDEN, Sweden;Cancer Research Technology Limited, Angel Building, 407 St. John Street, LONDON EC1V 4AD, UNITED KINGDOM, United Kingdom ~72: FINLAY, Maurice Raymond Verschoyle;GOLDBERG , Frederick Woolf;HOWARD, Martin Richard;TING , Attilla Kuan Tsuei~ 33:US ~31:62/685,325 ~32:15/06/2018

2021/00202 ~ Complete ~54:COMPOSITIONS AND METHODS FOR INCREASING OR ENHANCING TRANSDUCTION OF GENE THERAPY VECTORS AND FOR REMOVING OR REDUCING IMMUNOGLOBULINS ~71:GENETHON, 1 bis rue de l'Internationale, France;INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE), 101, Rue de Tolbiac, France;SORBONNE UNIVERSITÉ, 21 rue de l'Ecole de Médecine, France;SPARK THERAPEUTICS, INC., 3737 Market Street, Ste., United States of America;UNIVERSITÉ DE PARIS, 85 Boulevard Saint-Germain, France ~72: ARMOUR, Sean;DIMITROV, Jordan;LACROIX-DESMAZES, Sébastien;LEBORGNE, Christian;MINGOZZI, Federico~ 33:EP ~31:18305971.6 ~32:17/07/2018;33:US ~31:62/768,731 ~32:16/11/2018

2021/00208 ~ Complete ~54:HETEROCYCLIC AND HETEROARYL COMPOUNDS FOR TREATING HUNTINGTON'S DISEASE ~71:PTC THERAPEUTICS, INC., 100 Corporate Court, South Plainfield, New Jersey, 07080, United States of America ~72: ALEKSEY I GERASYUTO;ANDREW J KASSICK;ANTHONY R MAZZOTTI;ANTHONY TURPOFF;ANURADHA BHATTACHARYYA;GARY MITCHELL KARP;GUANGMING CHEN;JANA NARASIMHAN;JIGAR PATEL;MATTHEW G WOLL;MD RAUFUL ALAM;MICHAEL A ARNOLD;NADIYA SYDORENKO;NANJING ZHANG;SURESH BABU;WUMING YAN;YOUNG-CHOON MOON~ 33:US ~31:62/690,653 ~32:27/06/2018

2021/00211 ~ Complete ~54:AMINO ACID COMPOUNDS WITH UNBRANCHED LINKERS AND METHODS OF USE ~71:PLIANT THERAPEUTICS, INC., 260 Littlefield Avenue, South San Francisco , California, 94080, United States of America ~72: CHRISTOPHER BAILEY;DARREN FINKELSTEIN;JACOB CHA;KATERINA LEFTHERIS;MAUREEN REILLY;NICOLE COOPER~ 33:US ~31:62/690,939 ~32:27/06/2018

2021/00190 ~ Complete ~54:POPULATION IDENTIFICATION OF SQUID BASED ON TRACE ELEMENTS IN STATOLITHS IN EARLY LIFE HISTORY ~71:SHANGHAI OCEAN UNIVERSITY, No. 999 Hucheng Ring Rd, Pudong New District, People's Republic of China ~72: CHEN, Xinjun;LI, Jianhua;LIU, Bilin;MA, Jin~

2021/00198 ~ Complete ~54:INHIBITORS OF HISTONE DEACETYLASE ~71:Alkermes, Inc., 852 Winter Street, WALTHAM 02451-1420, MA, USA, United States of America ~72: FULLER, Nathan Oliver;LOWE, III, John A.~ 33:US ~31:62/697,498 ~32:13/07/2018

2021/00193 ~ Complete ~54:METHODS FOR LIBERATING PHOSPHORUS FROM ORGANIC MATTER ~71:LOCUS IP COMPANY, LLC, 30600 Aurora Road, Suite 180, United States of America ~72: ALIBEK, Ken;FARMER, Sean;MOLDAKOZHAYEV, Alibek;ZORNER, Paul, S.~ 33:US ~31:62/719,760 ~32:20/08/2018

2021/00201 ~ Complete ~54:AEROSOL GENERATING SUBSTRATE ~71:Nicoventures Trading Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, GREATER LONDON, UNITED KINGDOM, United Kingdom ~72: AOUN, Walid Abi;BENNING, Jocelyn;GHANOUNI, Kav~ 33:GB ~31:1812497.4 ~32:31/07/2018;33:GB ~31:1812509.6 ~32:31/07/2018

2021/00187 ~ Provisional ~54:PROCESSING HAZARDOUS URBAN WASTE WATER ~71:WASTE REFINING SYSTEMS (PTY) LTD, OLD PAARL ROAD, KLAPMUTS, STELLENBOSCH, 7625, SOUTH AFRICA, South Africa ~72: SALOMONS, Peter;SCHOEMAN, Lu, Raubenheimer~

2021/00204 ~ Complete ~54:COLOR STABILIZATION OF MONOMERS AND OTHER REACTANTS FOR FORMING BIO-BASED POLYMERS ~71:ARCHER DANIELS MIDLAND COMPANY, 4666 Faries Parkway, Decatur, Illinois, 62526, United States of America;DUPONT INDUSTRIAL BIOSCIENCES USA, LLC, Chestnut Run Plaza, 974 Centre Road, P.O. Box 2915, Wilmington, Delaware, 19805, United States of America ~72: CHI CHENG MA;ERIK HAGBERG;KENNETH F STENSRUD~ 33:US ~31:62/686,415 ~32:18/06/2018

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2021/00215 ~ Complete ~54:URINAL APPARATUS WITH CONSUMABLE CAP ~71:WHIFFAWAY LTD, Conservation House, Premacto Business Estate, Queensmead Road,, High Wycombe, HP10 9XA, United Kingdom ~72: JAMES EDWARD MCLEAN;SEBASTIAN NIKOLAI JONATHAN MARSHALL~ 33:GB ~31:2000793.6 ~32:20/01/2020

2021/00242 ~ Complete ~54:RECOMBINANT NUCLEIC ACID CONSTRUCT ~71:PANTHERNA THERAPEUTICS GMBH, Neuendorfstrasse 20B, Germany ~72: Jörg KAUFMANN;Klaus GIESE;Oliver KEIL~

2021/00251 ~ Complete ~54:3-PHENYL-BENZOFURAN-2-ONE DIPHOSPHATE DERIVATIVES AS STABILIZERS ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: HOELZL, Werner;KING, III, Roswell, E.;PAUQUET, Jean-Roch~ 33:EP ~31:18178925.6 ~32:21/06/2018

2021/00255 ~ Provisional ~54:ADAPTIVE PEDAL ~71:Jonathan James Robson, 13 Canal Walk, 432 Furrow Road, South Africa ~72: Jonathan James Robson~

2021/00258 ~ Complete ~54:“COMPOSITING RECARBURIZATION AND NITROGEN CONTROL” TYPE EMISSION REDUCTION FERTILIZING METHOD FOR GREENHOUSE VEGETABLES ~71:SHANDONG ACADEMY OF AGRICULTURAL SCIENCES INSTITUTE OF AGRICULTURAL RESOURCES AND ENVIRONMENT, NO.202, GONGYE NORTH ROAD, LICHENG DISTRICT, People's Republic of China ~72: JIANG, LIHUA;LI, NI;MA, RONGHUI;MENG, FANQIAO;SHI, JING;WANG, MEI;XIAO, JIANJUN;XU, YU;YANG, YAN;ZHANG, JIANJUN~

2021/00213 ~ Complete ~54:3-(1-OXOISOINDOLIN-2-YL)PIPERIDINE-2,6-DIONE DERIVATIVES AND USES THEREOF ~71:NOVARTIS AG, Lichtstrasse 35, Switzerland ~72: BECKWITH, Rohan, Eric ,John;BONAZZI, Simone;CERNIJENKO, Artiom;FAZAL, Aleem;TICHKULE, Ritesh, Bhanudasji;VISSER, Michael, Scott~ 33:US ~31:62/549,225 ~32:23/08/2017

2021/00225 ~ Complete ~54:ASSEMBLY AND METHOD FOR INCREASING THE SAFETY OF A PERSON IN THE EVENT OF AN ELECTRICAL ACCIDENT ~71:ADAPTIVE REGELSYSTEME GESELLSCHAFT M.B.H., JAKOB HARINGER STRASSE 5A, 5020 SALZBURG, AUSTRIA, Austria ~72: KLAPPER, Ulrich~ 33:AT ~31:A50512/2018 ~32:21/06/2018

2021/00217 ~ Complete ~54:HEAT SHIELD FOR FOOTWEAR ~71:BBF SAFETY GROUP (PTY) LTD, 40 Gillitts Road, South Africa ~72: BEIER, Hermann Hans-Heinrich~ 33:ZA ~31:2019/07701 ~32:21/11/2019

2021/00241 ~ Complete ~54:SOLID FORMS OF 2-(3,5-DICHLORO-4-((5-ISOPROPYL-6-OXO-1,6-DIHYDROPYRIDAZIN-3-YL)OXY)PHENYL)-3,5-DIOXO-2,3,4,5-TETRAHYDRO-1,2,4-TRIAZINE-6-CARBONITRILE ~71:Madrigal Pharmaceuticals, Inc., 200 Barr Harbor Drive, Suite 400, WEST CONSHOHOCKEN 19428, PA, USA, United States of America ~72: BATCHU, Pavan Karthik;JONAS, Marco;MIRMEHRABI, Mahmoud~ 33:US ~31:62/692,914 ~32:02/07/2018

2021/00253 ~ Complete ~54:FENCE SYSTEM ~71:HANDELS-OG PRODUKTIONSSELSKABET VEN-PO A/S, Christiansborgvej 8, 7560, Hjerm, Denmark ~72: VITH HANSEN, Flemming~ 33:DK ~31:PA 2018 00333 ~32:04/07/2018

2021/00244 ~ Complete ~54:COMBINATORIAL GENE THERAPY ~71:EVOX THERAPEUTICS LTD, Oxford Science Park, Medawar Centre, 2nd Floor East Building, Robert Robinson Avenue, Oxford, Oxfordshire, OX4 4HG, United Kingdom ~72: PER LUNDIN;SAMIR EL ANDALOUSSI~ 33:GB ~31:1810301.0 ~32:22/06/2018

2021/00247 ~ Complete ~54:METHODS OF IDENTIFYING PATIENTS LIKELY TO BENEFIT FROM TREATMENT WITH A TELOMERASE INHIBITOR ~71:GERON CORPORATION, 919 E. Hillsdale Blvd. Suite 250, Foster City, California, 94404, United States of America ~72: FEI HUANG;JACQUELINE CIRILLO BUSSOLARI~ 33:US ~31:62/712,841 ~32:31/07/2018;33:US ~31:62/772,849 ~32:29/11/2018

2021/00221 ~ Complete ~54:FUSED TRI-CYCLIC COMPOUND AS PDE3/PDE4 DUAL INHIBITOR ~71:CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., No.369 Yuzhou South Rd, Lianyungang, People's Republic of China ~72: CHEN, Shuhui;LUO, Yunfu;PAN, Jianfeng;SU, Sheng;WANG, Yong;ZHANG, Guoli~ 33:CN ~31:201810772374.3 ~32:13/07/2018

2021/00254 ~ Complete ~54:HYDROCARBON SCRUBBER ~71:Barend Jacobus BEYLEFELD, 8 Flycatcher Crescent, Blue Gill Estate, Glen Marais, South Africa ~72: Barend Jacobus BEYLEFELD~ 33:ZA ~31:2018/04578 ~32:10/07/2018

2021/00250 ~ Complete ~54:PYRIDIN-2-ONE COMPOUNDS USEFUL AS SMARCA2 ANTAGONISTS ~71:EPIZYME, INC., 400 Technology Square 4th Floor, Cambridge, Massachusetts, 02139, United States of America ~72: DARREN MARTIN HARVEY;JOHN EMMERSON CAMPBELL;JOHN W LAMPE;KENNETH WILLIAM DUNCAN;MICHAEL JOHN MUNCHHOF;OSCAR MORADEI~ 33:US ~31:62/702,481 ~32:24/07/2018;33:US ~31:62/815,208 ~32:07/03/2019

2021/00212 ~ Provisional ~54:A TOILET FLUSHING APPARATUS ~71:Edgar Milwid, 84 11th Road Kew, South Africa;Sven Magnussen, 84 11th Road Kew, South Africa ~72: Edgar Milwid;Sven Magnussen~

2021/00222 ~ Complete ~54:PREFABRICATED WALL AND ASSEMBLY STRUCTURE FOR PREFABRICATED BUILDING, AND CONSTRUCTION METHOD THEREFOR ~71:ZHOU, Zhaodi, No. 18, Puqian Xiaogang Street, Beilun District Ningbo, People's Republic of China ~72: ZHOU, Zhaodi~ 33:CN ~31:201810753058.1 ~32:10/07/2018

2021/00224 ~ Complete ~54:PRECIOUS METAL CATALYST BRIQUETTES, PROCESS FOR THE MANUFACTURE AND FOR THE INCINERATION THEREOF ~71:HERAEUS DEUTSCHLAND GMBH & CO. KG, HERAEUSSTRASSE 12-14, 63450 HANAU, GERMANY, Germany;HERAEUS PRECIOUS METAL TECHNOLOGY (CHINA) CO., LTD., SOUTH ZHAOQIAOHE ROAD, NANJING CHEMICAL INDUSTRY PARK, NANJING, 210047, CHINA, People's Republic of China ~72: BAUER-SIEBENLIST, Bernhard;FAN, Cunfei;HU, Zhengquan;LI, Wengang;LIU, Gangfeng;MOCK, Christian;ZHANG, Bin~

2021/00240 ~ Complete ~54:PHARMACEUTICAL FORMULATIONS OF MASKED ANTIBODIES ~71:Amgen Inc., Law Department - Patent Operations, One Amgen Center, THOUSAND OAKS 91320, CA, USA, United States of America ~72: GHATTYVENKATAKRISHNA, Pavan;JAGANNATHAN, Bharadwaj;TREUHEIT, Michael John~ 33:US ~31:62/712,906 ~32:31/07/2018

2021/00249 ~ Complete ~54:APPARATUS FOR MAKING A BEVERAGE, COMPRISING AN IMAGE ACQUISITION DEVICE ~71:CAFFITALY SYSTEM S.P.A., Via Panigali 38, 40041, Gaggio Montano BO, Italy ~72: IVAN CATI;MAURIZIO DIAMANTI~ 33:IT ~31:102018000007178 ~32:13/07/2018

2021/00252 ~ Complete ~54:METHODS AND APPARATUS OF VIDEO CODING USING HISTORY-BASED MOTION VECTOR PREDICTION ~71:BEIJING DAJIA INTERNET INFORMATION TECHNOLOGY CO., LTD., Room 101D1-7, 1st Floor, Building 1, No.6, Shangdi West Road, Haidian District, People's Republic of China ~72: CHEN, Yi-Wen;WANG, Xianglin~ 33:US ~31:62/700,106 ~32:18/07/2018

2021/00233 ~ Complete ~54:COSMETIC PREPARATION AGAINST ACNE ~71:Beiersdorf AG, Unnastraße 48, HAMBURG 20253, GERMANY, Germany;S-Biomedic, Turnhoutseweg 30, BEERSE 2340, GERMANY, Germany ~72: DJAMIL, Jane;FÖLSTER, Heike;FELTEN, Bernhard;HÜPEDEN, Jennifer;REUTER, Jörn Hendrik;RICHTER, Daniel~ 33:DE ~31:10 2018 209 519.1 ~32:14/06/2018

2021/00235 ~ Complete ~54:GIP/GLP1 CO-AGONIST COMPOUNDS ~71:Eli Lilly and Company, Lilly Corporate Center, INDIANAPOLIS 46285, IN, USA, United States of America ~72: ABRAHAM, Milata Mary;ABURUB, Aktham;ALSINA-FERNANDEZ, Jorge;BROWN, Robert Andrew;CABRERA, Over;COSKUN, Tamer;CUMMINS, Robert Chadwick;DATTA-MANNAN, Amita;ELSAYED, Mohamed ElSayed Hamed;LAI, Xianyin;PATEL, Phenil Jayantilal;QU, Hongchang;SLOOP, Kyle Wynn;TRAN, Thi Thanh Huyen;WALLIS, James Lincoln;WILLARD, Francis Stafford~ 33:US ~31:62/702,072 ~32:23/07/2018;33:US ~31:62/730,563 ~32:13/09/2018;33:US ~31:62/740,596 ~32:03/10/2018

2021/00236 ~ Complete ~54:METHODS OF TREATING CLRN1-ASSOCIATED HEARING LOSS AND/OR VISION LOSS ~71:Akouos, Inc., 645 Summer Street, Suite 200, BOSTON 02210, MA, USA, United States of America ~72: NG, Robert;SIMONS, Emmanuel J.~ 33:US ~31:62/689,660 ~32:25/06/2018

2021/00218 ~ Complete ~54:BREATHABLE UPPER MATERIAL FOR FOOTWEAR ~71:MACBEAN BEIER PLASTICS (PTY) LTD t/a NEUCOAT, 40 Gillitts Road, South Africa ~72: BEIER, Hermann Hans-Heinrich~ 33:ZA ~31:2019/08338 ~32:13/12/2019

2021/00228 ~ Complete ~54:RECOVERING CONVEYOR SYSTEMS AND CONTINUOUS MINERS FROM MINED PLUNGE TUNNELS IN UNDERGROUND MINES ~71:UNDERGROUND EXTRACTION TECHNOLOGIES PTY LTD, C/- LEVEL 6 175 EAGLE STREET, BRISBANE QUEENSLAND 4000, AUSTRALIA, Australia ~72: MACDONALD, Brian;MAPP, Michael~ 33:AU ~31:2018902621 ~32:19/07/2018

2021/00248 ~ Complete ~54:SINGLE-PHASE ENERGY UTILIZATION TRACKING INVERTER ~71:LT LIGHTING (TAIWAN) CORPORATION, 10F. No. 518, Sec. 4, Zhonghua Road, Xiangshan District, Hsinchu 300, Taiwan, Province of China ~72: GEOFFREY WEN-TAI SHUY~ 33:US ~31:16/024,480 ~32:29/06/2018

2021/00231 ~ Complete ~54:NON-VIABLE BIFIDOBACTERIUM BIFIDUM BACTERIA AND USES THEREOF ~71:SYNFORMULAS GMBH, AM HAAG 14, 82166 GRÄFELFING, GERMANY, Germany ~72: FISCHER, Clemens~ 33:EP ~31:18179382.9 ~32:22/06/2018

2021/00214 ~ Complete ~54:REWARD SYSTEMS AND METHODS ~71:BEMBE, Senzi Mbongeni, 70 Oribi Road X7, South Africa ~72: BEMBE, Senzi Mbongeni~ 33:ZA ~31:2020/00230 ~32:14/01/2020

2021/00226 ~ Complete ~54:ELECTRICAL INSTALLATION HAVING AN EMERGENCY SIGNAL INPUT FOR RECEIVING AN EMERGENCY SIGNAL TRANSMITTED VIA RADIO ~71:ADAPTIVE REGELSYSTEME GESELLSCHAFT M.B.H., JAKOB HARINGER STRASSE 5A, 5020 SALZBURG, AUSTRIA, Austria ~72: DE VILLIERS, Wernich;HOLZTRATTNER, Dietmar;KLAPPER, Ulrich~ 33:AT ~31:A50516/2018 ~32:21/06/2018

2021/00216 ~ Complete ~54:JOINT DEVICE FOR CEMENT 3D PRINTING TECHNICAL FIELD ~71:JINAN DONGYUAN CEMENT PRODUCTS CO., LTD, South of National Highway 220, 500 meters north of Guanfang Village, Jiyang Office, Jiyang County, Shandong Province, People's Republic of China;QILU UNIVERSITY OF TECHNOLOGY, No. 3501, Daxue Road, Changqing District, Shandong Province, People's Republic of China

~72: CHEN, Hongwei;LU, Hongqian;WANG, Renren;ZHANG, Yuang~ 33:CN ~31:202010044503.4 ~32:16/01/2020

2021/00227 ~ Complete ~54:METHOD FOR EARLY DETECTION OF A NECROTIC ENTERITIS OUTBREAK IN AN AVIAN POPULATION ~71:EVONIK OPERATIONS GMBH, RELLINGHAUSER STRASSE 1-11, 45128 ESSEN, GERMANY, Germany ~72: BÖHL, Florian;IGWE, Emeka, Ignatius;KAPPEL, Andreas;MARTIN, Ken;MIDDLEBROOKS, Casey;SMITH, Janet;THIEMANN, Frank;TILLEY, Sarah;WEISSMAN, Michaela;WICKER, David, L.~ 33:US ~31:62/685,443 ~32:15/06/2018;33:EP ~31:18179891.9 ~32:26/06/2018

2021/00239 ~ Complete ~54:ANTIBODY MOLECULES TO COMPLEMENT COMPONENT 5 AND USES THEREOF ~71:Atarga, LLC, P.O. Box 455, WINCHESTER 01890, MA, USA, United States of America ~72: JAYARAMAN, Akila;PAINTAL, Akshay~ 33:US ~31:62/686,982 ~32:19/06/2018

2021/00234 ~ Complete ~54:METHODS AND COMPOSITIONS USING RECOMBINANT DENDRITIC CELLS FOR CANCER THERAPY ~71:Enochian BioPharma, Inc., 2080 Century Park East, Suite 906, LOS ANGELES 90067, CA, USA, United States of America ~72: GUMRUKCU, Serhat~ 33:US ~31:62/698,254 ~32:15/07/2018

2021/00238 ~ Complete ~54:CONNECTING DEVICE ~71:Gripple Limited, The Old West Gun Works, Savile Street East, SHEFFIELD S4 7UQ, SOUTH YORKSHIRE, UNITED KINGDOM, United Kingdom ~72: DAVIS, Simon~ 33:GB ~31:GB1813867.7 ~32:24/08/2018;33:GB ~31:GB1906724.8 ~32:13/05/2019;33:GB ~31:GB1910146.8 ~32:16/07/2019

2021/00246 ~ Complete ~54:PROTEASOME ACTIVITY ENHANCING COMPOUNDS ~71:PROTEOSTASIS THERAPEUTICS, INC., 80 Guest Street, Suite 500, Boston, Massachusetts, 02135, United States of America ~72: BENITO MUNOZ;CECILIA M BASTOS;DANIEL PARKS;MATTHEW CULLEN~ 33:US ~31:62/690,563 ~32:27/06/2018;33:US ~31:62/690,565 ~32:27/06/2018

2021/00237 ~ Complete ~54:TRICYCLIC COMPOUNDS ~71:Jacobio Pharmaceuticals Co., Ltd, Unit 2, Building 5, BYBP, No. 88 Kechuang Street 6th, Business Development Area, BEIJING 101111, DAXING, CHINA (P.R.C.), People's Republic of China ~72: CHEN, Mingming;DU, Yuelei;FANG, Haiquan;HU, Shaojing;LI, Qinglong;WANG, Yanping;WU, Tong;YANG, Guiqun;ZHANG, Lei~ 33:IB ~31:2018/092542 ~32:25/06/2018

2021/00223 ~ Complete ~54:METHODS AND COMPOSITIONS FOR PURIFICATION OR ISOLATION OF MICROVESICLES AND EXOSOMES ~71:EXOPHARM LIMITED, SUITE 201, 697 BURKE ROAD, CAMBERWELL VIC 3124, AUSTRALIA, Australia ~72: DIXON, Ian;LICHTFUSS, Gregor;PALMER, Jim~ 33:AU ~31:2018902162 ~32:18/06/2018

2021/00219 ~ Complete ~54:CELLULOSE DIACETATE COMPOSITE SHAPE-STABILIZED PHASE CHANGE MATERIAL AND PREPARATION METHOD AND USE THEREFOR ~71:NANTONG UNIVERSITY, No. 9 Seyuan Road, Chongchuan, Nantong, Jiangsu, 226000, People's Republic of China ~72: LI, Minmin;MIAO, Jianwen;SONG, Guohua;WANG, Yan;XIA, Jie~ 33:CN ~31:202010146958.7 ~32:05/03/2020

2021/00229 ~ Complete ~54:MICELLAR DELIVERY METHOD ~71:PEROXYCHEM LLC, ONE COMMERCE SQUARE, 2005 MARKET STREET, SUITE 3200, PHILADELPHIA, PA 19103, USA, United States of America ~72: AN, Weidong;MITTIGA, Ricky;PISANOVA, Elena;ROVISON, John;~ 33:US ~31:62/686,924 ~32:19/06/2018

2021/00243 ~ Complete ~54:MONITORING PASSENGER VEHICLE USAGE ~71:MABOGO, Mbavhalelo, 501 Manhattan Suites & Conferences, Esplanade Street, South Africa ~72: MABOGO, Mbavhalelo~ 33:ZA ~31:2018/01699 ~32:13/03/2018

2021/00232 ~ Complete ~54:RIPPER SHANK POCKET WITH WEAR INSERTS ~71:CATERPILLAR INC., 510 Lake Cook Road, Suite 100 Deerfield, United States of America ~72: GERBER, Byron L.~ 33:US ~31:62/698,370 ~32:16/07/2018;33:US ~31:16/395,380 ~32:26/04/2019

2021/00245 ~ Complete ~54:NOVEL COMPOUNDS ~71:UCL BUSINESS LTD, The Network Building, 97 Tottenham Court Road, London, Greater London, W1T 4TP, United Kingdom ~72: ALEXIS DENIS;DAVID LOMAS;JOHN LIDDLE;KATE SMITH;NERINA DODIC~ 33:GB ~31:1810290.5 ~32:22/06/2018;33:GB ~31:1906708.1 ~32:13/05/2019

2021/00230 ~ Complete ~54:MULTICHANNEL AUDIO CODING ~71:FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V., HANSASTRAßE 27C, 80686 MÜNCHEN, GERMANY, Germany ~72: BÜTHE, Jan;FOTOPOULOU, Eleni;KORSE, Srikanth;MABEN, Pallavi;MULTRUS, Markus;REUTELHUBER, Franz~ 33:EP ~31:18179373.8 ~32:22/06/2018

2021/00220 ~ Complete ~54:NETWORK ROAMING AND INTERCOMMUNICATION METHOD, DEVICE, AND SYSTEM ~71:ZTE CORPORATION, ZTE Plaza, Keji Road South, Hi-Tech Industrial Park, People's Republic of China ~72: DING, Fuhao;GUO, Hua;HE, Minjie;JIA, Siyuan;WEI, Bin~ 33:CN ~31:201910320128.9 ~32:19/04/2019

. - APPLIED ON 2021/01/14 -

2021/00264 ~ Complete ~54:RAILWAY TRUCK ASSEMBLY HAVING I-BEAM COMPONENTS ~71:AMSTED RAIL COMPANY, INC., 311 South Wacker, Suite 5300, United States of America ~72: MONACO, Jay,P.;TONNIES, Joshua, E;WIKE, Paul~ 33:US ~31:62/698,358 ~32:16/07/2018

2021/00279 ~ Complete ~54:NOVEL LXR MODULATORS WITH BICYCLIC CORE MOIETY ~71:Phenex-FXR GmbH, Waldhofer Str. 104, HEIDELBERG 69123 , GERMANY, Germany ~72: BIRKEL, Manfred;DEUSCHLE, Ulrich;GEGE, Christian;HAMBRUCH, Eva;KINZEL, Olaf;KREMOSER, Claus~ 33:EP ~31:18180450.1 ~32:28/06/2018

2021/00278 ~ Complete ~54:SMALL MOLECULE INHIBITORS OF THE JAK FAMILY OF KINASES ~71:Janssen Pharmaceutica NV, Turnhoutseweg 30, BEERSE 2340, BELGIUM, Belgium ~72: FERNANDES, Philippe;KRAWCZUK, Paul J.;TICHENOR, Mark S.~ 33:US ~31:62/685,737 ~32:15/06/2018;33:US ~31:62/846,290 ~32:10/05/2019

2021/00263 ~ Complete ~54:COMPOSITIONS AND METHODS FOR THE TREATMENT OF CANCER ~71:CELLIX BIO PRIVATE LIMITED, Plot No. 1177B, Road No. 56, India ~72: KANDULA, Mahesh~ 33:IN ~31:201841029367 ~32:03/08/2018

2021/00268 ~ Complete ~54:ENZYMATIC HYDROLYSIS OF FUCANS ~71:ARC MEDICAL DEVICES INC., Unit 8, 3071 No. 5 Road, Richmond, British Columbia, V6X 2T4, Canada ~72: ALISDAIR BORASTON;CHELSEA JOY VICKERS;KENTO TAKEHITO ABE;ORLY ESTER SALAMA-ALBER~ 33:US ~31:62/712,312 ~32:31/07/2018

2021/00265 ~ Complete ~54:PROCESS FOR MAKING AMINO DIARYL ETHERS AND AMINO DIARYL ETHERS HYDROCHLORIDE SALTS ~71:CELLESTIA BIOTECH AG, TECHNOLOGIEPARK BASEL, HOCHBERGSTRASSE 60C, 4057 BASEL, SWITZERLAND, Switzerland ~72: BAPPERT, Erhard;BAUER, Michael;HAHN, Uwe~ 33:EP ~31:18179034.6 ~32:21/06/2018

2021/00281 ~ Complete ~54:WATER-IN-OIL COATING COMPOSITION ~71:Akzo Nobel Coatings International B.V., Velperweg 76, ARNHEM NL-6824 BM, THE NETHERLANDS, Netherlands ~72: FLAPPER, Jitte~ 33:EP ~31:18184957.1 ~32:23/07/2018;33:EP ~31:19157837.6 ~32:18/02/2019

2021/00261 ~ Complete ~54:UPDATING INFUSION PUMP DRUG LIBRARIES AND OPERATIONAL SOFTWARE IN A NETWORKED ENVIRONMENT ~71:ICU MEDICAL, INC., 951 Calle Amanecer, United States of America ~72: DEOSTHALE, Chaitanya;ENGER, Larry;ISENSEE, Anthony;KRABBE, Dennis;XAVIER, Ben~ 33:US ~31:62/699,454 ~32:17/07/2018

2021/00277 ~ Complete ~54:NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF DISEASES ~71:Galapagos NV, Generaal De Wittelaan L11/A3, MECHELEN 2800, BELGIUM, Belgium ~72: AMANTINI, David;BRYS, Reginald Christophe Xavier;BUCHER, Denis;DE VOS, Steve Irma Joel;DESROY, Nicolas;JONCOUR, Agnès Marie;PEIXOTO, Christophe;TEMAL-LAIB, Taoues;TIRERA, Amynata~ 33:GB ~31:1809836.8 ~32:15/06/2018;33:GB ~31:1817344.3 ~32:25/10/2018

2021/00273 ~ Complete ~54:METHOD FOR PREDICTING A MOLECULAR WEIGHT DISTRIBUTION OF A BIOPOLYMER BLEND ~71:ARC MEDICAL DEVICES INC., Unit 8, 3071 No. 5 Road, Richmond, British Columbia, V6X 2T4, Canada ~72: HOI TING WONG;SAILESH HARESH DASWANI~ 33:US ~31:62/814,206 ~32:05/03/2019

2021/00276 ~ Complete ~54:PARTICULATE LAUNDRY DETERGENT COMPOSITIONS COMPRISING PERFUME PARTICLES, AND METHOD OF USING SAME ~71:The Procter & Gamble Company, One Procter & Gamble Plaza, CINCINNATI 45202, OH, USA, United States of America ~72: HECHT, John Philip;HUANG, Xin;NI, Xiaohui;SHEN, Rui;SY, Aaron Ryan Wawell Tiu;TAN, Hongsing;VIDYAPATI, Vidyapati;WANG, Siyuan;ZHU, Hanjiang~

2021/00275 ~ Complete ~54:HIGHLY PURIFIED AND/OR MODIFIED FUCAN COMPOSITIONS FOR THE TREATMENT OF FIBROUS ADHESIONS ~71:ARC MEDICAL DEVICES INC., Unit 8, 3071 No. 5 Road, Richmond, British Columbia, V6X 2T4, Canada ~72: AILEEN SHAO TING YANG;CHRISTOPHER MICHAEL KEVIN SPRINGATE;HESONG SUN;HOI TING WONG;IAN MILLET;SAILESH HARESH DASWANI~ 33:US ~31:62/711,335 ~32:27/07/2018;33:US ~31:62/711,364 ~32:27/07/2018;33:US ~31:62/711,372 ~32:27/07/2018;33:US ~31:62/713,392 ~32:01/08/2018;33:US ~31:62/713,399 ~32:01/08/2018;33:US ~31:62/713,413 ~32:01/08/2018;33:US ~31:62/722,135 ~32:23/08/2018;33:US ~31:62/722,137 ~32:23/08/2018;33:US ~31:62/755,311 ~32:02/11/2018;33:US ~31:62/755,318 ~32:02/11/2018;33:US ~31:62/755,328 ~32:02/11/2018;33:US ~31:62/793,514 ~32:17/01/2019;33:US ~31:62/793,654 ~32:17/01/2019;33:US ~31:62/861,223 ~32:13/06/2019;33:US ~31:62/861,228 ~32:13/06/2019;33:US ~31:62/861,235 ~32:13/06/2019

2021/00280 ~ Complete ~54:CROSS-LINKED PYRROLOBENZODIAZEPINE DIMER (PBD) DERIVATIVE AND ITS CONJUGATES ~71:Hangzhou DAC Biotech Co. Ltd, No. 260 Sixth Street, Building 12, ZhengTaiZhongZi Sci&Tech Park, HEDA, HANGZHOU 310018, ZHEJIANG, CHINA (P.R.C.), People's Republic of China ~72: BAI, Lu;CAO, Mingjun;GAI, Shun;GUO, Huihui;GUO, Zhixiang;HUANG, Yuanyuan;JIA, Junxiang;LEI, Jun;LI, Wenjun;XIE, Hongsheng;YANG, Chengyu;YANG, Qingliang;YANG, Yanlei;YE, Hangbo;YE, Zhichang;ZHAO, Linyao;ZHAO, Robert Yongxin;ZHENG, Jun;ZHOU, Xiaomai;ZHUO, Xiaotao~

2021/00267 ~ Complete ~54:"SOLID SELF-EMULSIFYING PHARMACEUTICAL COMPOSITIONS" ~71:AUSCANN GROUP HOLDINGS LTD, Level 2, Suite 8 Shenton House, 57 Shenton Avenue, Australia ~72: MACLEMAN, Paul D.R;MAVLIANOV, Musabek~ 33:AU ~31:2018902782 ~32:31/07/2018

2021/00271 ~ Complete ~54:HIGHLY SULFATED FUCANS FOR THE TREATMENT OF FIBROUS ADHESIONS ~71:ARC MEDICAL DEVICES INC., Unit 8, 3071 No. 5 Road, Richmond, British Columbia, V6X 2T4, Canada ~72: BRYAN ANTHONY YOUNG;CHRISTOPHER MICHAEL KEVIN SPRINGATE;SAILESH HARESH DASWANI~ 33:US ~31:62/711,335 ~32:27/07/2018;33:US ~31:62/711,364 ~32:27/07/2018;33:US ~31:62/711,372 ~32:27/07/2018;33:US ~31:62/713,392 ~32:01/08/2018;33:US ~31:62/713,399

~32:01/08/2018;33:US ~31:62/713,413 ~32:01/08/2018;33:US ~31:62/722,135 ~32:23/08/2018;33:US ~31:62/722,137 ~32:23/08/2018;33:US ~31:62/755,311 ~32:02/11/2018;33:US ~31:62/755,318 ~32:02/11/2018;33:US ~31:62/755,328 ~32:02/11/2018;33:US ~31:62/793,514 ~32:17/01/2019;33:US ~31:62/793,654 ~32:17/01/2019;33:US ~31:62/861,223 ~32:13/06/2019;33:US ~31:62/861,228 ~32:13/06/2019;33:US ~31:62/861,235 ~32:13/06/2019

2021/00266 ~ Complete ~54:AN ASSEMBLY OF AT LEAST 2 METALLIC SUBSTRATES ~71:ARCELORMITTAL, 24-26, Boulevard d'Avranches, Luxembourg ~72: Jean-Marie HELMER;Pascal BERTHO;Stéphanie MICHAUT;Tiago MACHADO AMORIM~

2021/00269 ~ Complete ~54:LOW ENDOTOXIN FUCAN COMPOSITIONS, SYSTEMS AND METHODS ~71:ARC MEDICAL DEVICES INC., Unit 8, 3071 No. 5 Road, Richmond, British Columbia, V6X 2T4, Canada ~72: AILEEN SHAO TING YANG;CHRISTOPHER MICHAEL KEVIN SPRINGATE;HESONG SUN;HOI TING WONG;IAN MILLET;SAILESH HARESH DASWANI~ 33:US ~31:62/711,335 ~32:27/07/2018;33:US ~31:62/711,364 ~32:27/07/2018;33:US ~31:62/711,372 ~32:27/07/2018;33:US ~31:62/713,392 ~32:01/08/2018;33:US ~31:62/713,399 ~32:01/08/2018;33:US ~31:62/713,413 ~32:01/08/2018;33:US ~31:62/722,135 ~32:23/08/2018;33:US ~31:62/722,137 ~32:23/08/2018;33:US ~31:62/755,311 ~32:02/11/2018;33:US ~31:62/755,318 ~32:02/11/2018;33:US ~31:62/755,328 ~32:02/11/2018;33:US ~31:62/793,514 ~32:17/01/2019;33:US ~31:62/793,654 ~32:17/01/2019;33:US ~31:62/861,223 ~32:13/06/2019;33:US ~31:62/861,228 ~32:13/06/2019;33:US ~31:62/861,235 ~32:13/06/2019

2021/00260 ~ Complete ~54:SYSTEMS AND METHODS FOR FACILITATING CLINICAL MESSAGING IN A NETWORK ENVIRONMENT ~71:ICU MEDICAL, INC., 951 Calle Amanecer, United States of America ~72: DEOSTHALE, Chaitanya;ENGER, Larry;ISENSEE, Anthony;KRABBE, Dennis;PATIAG, Lito;XAVIER, Ben~ 33:US ~31:62/699,499 ~32:17/07/2018

2021/00256 ~ Provisional ~54:UNIQUE FIRE FIGHTING APPARATUS ~71:André Normund-van Wyk, 404B Queens Crescent, South Africa ~72: André Normund-van Wyk~

2021/00257 ~ Provisional ~54:A DEVICE FOR COMPARTMENTALIZING A CONTAINER ~71:VAN RENSBURG, Maritz Lourens, 73 Johnston Street, Sunnyside, South Africa ~72: VAN RENSBURG, Maritz Lourens~

2021/00282 ~ Complete ~54:DEVICE AND METHOD FOR THERMALLY TEMPERING GLASS PANES WITH HEAT EXCHANGER ~71:Saint-Gobain Glass France, 12 place de l'Iris, Tour Saint-Gobain, COURBEVOIE 92400, FRANCE, France ~72: PENNERS, Jack;ZEICHNER, Achim~ 33:EP ~31:18194383.8 ~32:14/09/2018

2021/00274 ~ Complete ~54:SYSTEMS AND METHODS FOR TANGENTIAL FLOW FILTRATION OF VISCOUS COMPOSITIONS ~71:ARC MEDICAL DEVICES INC., Unit 8, 3071 No. 5 Road, Richmond, British Columbia, V6X 2T4, Canada ~72: IAN MILLET;SAILESH HARESH DASWANI~ 33:US ~31:62/814,212 ~32:05/03/2019

2021/00262 ~ Complete ~54:DRUG LIBRARY MANAGEMENT SYSTEM ~71:ICU MEDICAL, INC., 951 Calle Amanecer, United States of America ~72: FIELDS-CYPRESS, Aaron;KIL, Timothy;KRABBE, Dennis;POLK, Jody;TOBIAS, Julius;XAVIER, Ben~ 33:US ~31:62/703,772 ~32:26/07/2018

2021/00272 ~ Complete ~54:HIGHLY PURIFIED FUCANS FOR THE TREATMENT OF FIBROUS ADHESIONS ~71:ARC MEDICAL DEVICES INC., Unit 8, 3071 No. 5 Road, Richmond, British Columbia, V6X 2T4, Canada ~72: AILEEN SHAO TING YANG;CHRISTOPHER MICHAEL KEVIN SPRINGATE;HESONG SUN;HOI TING WONG;IAN MILLET;SAILESH HARESH DASWANI~ 33:US ~31:62/711,335 ~32:27/07/2018;33:US ~31:62/711,364 ~32:27/07/2018;33:US ~31:62/711,372 ~32:27/07/2018;33:US ~31:62/713,392 ~32:01/08/2018;33:US ~31:62/713,399 ~32:01/08/2018;33:US ~31:62/713,413 ~32:01/08/2018;33:US ~31:62/722,135 ~32:23/08/2018;33:US ~31:62/722,137 ~32:23/08/2018;33:US ~31:62/755,311

~32:02/11/2018;33:US ~31:62/755,318 ~32:02/11/2018;33:US ~31:62/755,328 ~32:02/11/2018;33:US ~31:62/793,514 ~32:17/01/2019;33:US ~31:62/793,654 ~32:17/01/2019;33:US ~31:62/861,223 ~32:13/06/2019;33:US ~31:62/861,228 ~32:13/06/2019;33:US ~31:62/861,235 ~32:13/06/2019

2021/00270 ~ Complete ~54:HIGH-MOLECULAR-WEIGHT FUCANS FOR TREATING FIBROUS ADHESIONS AND OTHER DISEASES AND CONDITIONS ~71:ARC MEDICAL DEVICES INC., Unit 8, 3071 No. 5 Road, Richmond, British Columbia, V6X 2T4, Canada ~72: CHRISTOPHER MICHAEL KEVIN SPRINGATE;HESONG SUN;IAN MILLET;SAILESH HARESH DASWANI~ 33:US ~31:62/711,335 ~32:27/07/2018;33:US ~31:62/711,364 ~32:27/07/2018;33:US ~31:62/711,372 ~32:27/07/2018;33:US ~31:62/713,392 ~32:01/08/2018;33:US ~31:62/713,399 ~32:01/08/2018;33:US ~31:62/713,413 ~32:01/08/2018;33:US ~31:62/722,135 ~32:23/08/2018;33:US ~31:62/722,137 ~32:23/08/2018;33:US ~31:62/755,311 ~32:02/11/2018;33:US ~31:62/755,318 ~32:02/11/2018;33:US ~31:62/755,328 ~32:02/11/2018;33:US ~31:62/793,514 ~32:17/01/2019;33:US ~31:62/793,654 ~32:17/01/2019;33:US ~31:62/861,223 ~32:13/06/2019;33:US ~31:62/861,228 ~32:13/06/2019;33:US ~31:62/861,235 ~32:13/06/2019

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2021/00287 ~ Complete ~54:VIRTUAL HOIST STOP FOR MOBILE DRILLING MACHINE ~71:Caterpillar Global Mining Equipment LLC, 3501 S. FM Hwy 1417, United States of America ~72: HANCOCK, Stephen M.;MOBERG, Carl J.~ 33:US ~31:16/773,364 ~32:27/01/2020

2021/00295 ~ Complete ~54:BALL AND CUP IMPACTORS FOR IMPLANTING A HIP PROSTHESIS ~71:HIP INNOVATION TECHNOLOGY, LLC, 6537 Via Rosa, Boca Raton, Florida, 33433, United States of America ~72: BRIAN VANHIEL;KIRK CHARLES;ZAFER TERMANINI~ 33:US ~31:62/197,215 ~32:27/07/2015

2021/00304 ~ Complete ~54:MOBILE PHONE CAMERA CAPABLE OF EXTENDING LATERALLY ~71:NINGBO POLYTECHNIC, 388 Lushan East Road, Ningbo Economic And Technological Development Zone, Zhejiang, People's Republic of China ~72: HU, Keman;LI, Kunyu;LIN, Shensihao;SONG, Yunfeng;WANG, Zhengcai~

2021/00313 ~ Complete ~54:PUMPING SYSTEM ~71:Weir Minerals Netherlands B.V., Egtenrayseweg 9, PH VENLO 5928, THE NETHERLANDS, Netherlands ~72: VAN RIJSWICK, Rudolfus~ 33:GB ~31:1811632.7 ~32:16/07/2018

2021/00323 ~ Complete ~54:SYSTEMS AND METHODS FOR DECORATING SUBSTRATES ~71:ACTEGA NORTH AMERICA TECHNOLOGIES, INC., 1450 Taylors Lane, Cinnaminson, New Jersey, 08077, United States of America ~72: ANDREW W MARSELLA;BENJAMIN DAVID LUX~ 33:US ~31:62/692,941 ~32:02/07/2018

2021/00284 ~ Provisional ~54:VOLK AWARE (V-AWARE) ~71:Bothwell Dzawoma, 24 Oranje Avenue, Gallo Manor, Sandton, South Africa ~72: Bothwell Dzawoma~

2021/00293 ~ Complete ~54:AN ORALLY DISINTEGRATING PHARMACUTICAL COMPOSITION COMPRISING NEFOPAM AND PROCESS FOR PREPARING THE SAME ~71:ATHENA PHARMACEUTIQUES SAS, Espace Arnold De Ville 12, Rue Georges Blandon, France ~72: CHAUDHARI, Mahendra B.~ 33:IN ~31:202011002685 ~32:21/01/2020

2021/00303 ~ Complete ~54:PROCESS PROCESS FOR REMOVING CADMIUM AND OTHER METALS AND IMPURITIES IN PHOSPHATE-CONTANING MATERIALSFOR REMOVING CADMIUM AND OTHER METALS AND IMPURITIES IN PHOSPHATE-CONTANING MATERIALS ~71:ATTIA, Mai, 246 Rue Rabelais, Saint-Constant, Canada;CHAOUKI, Jamal, 180, ave de la Présentation,Dorval, Canada;FARAG, Sherif, 246 Rue Rabelais, Saint-Constant, Canada ~72: ATTIA, Mai;CHAOUKI, Jamal;FARAG, Sherif~ 33:CA ~31:62/692/669 ~32:30/06/2018

2021/00324 ~ Complete ~54:IMPROVED PROTEOMIC MULTIPLEX ASSAYS ~71:SOMALOGIC, INC., 2945 Wilderness Place, Boulder, Colorado, 80301, United States of America ~72: DOMINIC ZICHI;EVALDAS KATILIUS;STEPHAN KRAEMER~ 33:US ~31:62/688,770 ~32:22/06/2018

2021/00371 ~ Complete ~54:A SYSTEM OPERABLE TO ENABLE THE ENDORSEMENT OF INDIVIDUALS AND/OR THEIR SKILLS OR SERVICES, AND A METHOD OF ENDORSING ONE INDIVIDUAL AND/OR THEIR SKILLS OR SERVICES ~71:WAGENAAR, RUDOLPH, 3 Ocean View Flats, 17 Chepstow Road, South Africa ~72: WAGENAAR, RUDOLPH~ 33:ZA ~31:2020/00449 ~32:23/01/2020

2021/00286 ~ Provisional ~54:FILLING DEVICE ~71:Piquante Brands International (Pty) Ltd, First Floor, North Block, Culross Court, 16 Culross Street, Bryanston, Gauteng, 2191, South Africa ~72: BAKER, Richard Francis Rayment;HAVENGA, Barend Petrus;ROETS, Wietsche~

2021/00294 ~ Complete ~54:BALL AND CUP IMPACTORS FOR IMPLANTING A HIP PROSTHESIS ~71:HIP INNOVATION TECHNOLOGY, LLC, 6537 Via Rosa, Boca Raton, Florida, 33433, United States of America ~72: BRIAN VANHIEL;KIRK CHARLES;ZAFER TERMANINI~ 33:US ~31:62/197,215 ~32:27/07/2015

2021/00308 ~ Complete ~54:COMPOSITION COMPRISING HUMAN MILK OLIGOSACCHARIDES FOR USE IN IMPROVING, ENHANCING, PROMOTING OR MODULATING A GABAERGIC FUNCTION IN THE CENTRAL NERVOUS SYSTEM ~71:Société des Produits Nestlé S.A., Entre-deux-Villes, VEVEY 1800, SWITZERLAND, Switzerland ~72: HAUSER, Jonas;YAN, Jian~ 33:US ~31:62/689,297 ~32:25/06/2018

2021/00315 ~ Complete ~54:CODING DEVICE, DECODING DEVICE, CODING METHOD, AND DECODING METHOD ~71:Panasonic Intellectual Property Corporation of America, 20000 Mariner Avenue, Suite 200, TORRANCE 90503, CA, USA, United States of America ~72: ABE, Kiyofumi;LI, Jing Ya;LIAO, Ru Ling;LIM, Chong Soon;NISHI, Takahiro;SHASHIDHAR, Sughosh Pavan;SUN, Hai Wei;TEO, Han Boon;TOMA, Tadamasa~ 33:US ~31:62/699,930 ~32:18/07/2018

2021/00301 ~ Complete ~54:SERVING CELL ACTIVATION IN A WIRELESS COMMUNICATION SYSTEM ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), TORSHAMNSGATAN 23, 16483 STOCKHOLM, SWEDEN, Sweden ~72: AXMON, Joakim;CALLENDER, Christopher;KAZMI, Muhammad, Ali~ 33:US ~31:62/689,589 ~32:25/06/2018

2021/00326 ~ Complete ~54:NEGATIVE ELECTRODES FOR ELECTROCHEMICAL CELLS ~71:FORM ENERGY, INC., 444 Somerville Ave., Somerville, Massachusetts, 02143, United States of America ~72: AMELIE NINA KHAREY;BENJAMIN THOMAS HULTMAN;ERIC WEBER;IAN SALMON MCKAY;ISABELLA CARUSO;JARROD DAVID MILSHTEIN;JAY WHITACRE;JOCELYN NEWHOUSE;KRISTEN CARLISLE;LIANG SU;MARCO FERRARA;MATEO CRISTIAN JARAMILLO;MAX RAE CHU;MITCHELL TERRANCE WESTWOOD;RACHEL ELIZABETH MUMMA;RUPAK CHAKRABORTY;THEODORE ALAN WILEY;WILLIAM HENRY WOODFORD;YET-MING CHIANG~ 33:US ~31:62/711,253 ~32:27/07/2018;33:US ~31:62/790,668 ~32:10/01/2019;33:US ~31:62/868,511 ~32:28/06/2019

2021/00288 ~ Complete ~54:SILVER ION BACTERIOSTATIC HAND SANITIZER AND PREPARATION METHOD AND APPLICATION THEREOF ~71:GUANGZHOU HWASUEN HEALTH INDUSTRY CO., LTD, 1206 ROOM, NO.13-2, HAIAN ROAD, TIANHE, GUANGZHOU, GUANGDONG, 510665, People's Republic of China;LOOBI (GUANGZHOU) HEALTH INDUSTRY CO., LTD, UNIT A, ROOM 301, NO.16, KEHUI 1ST STREET, HUANGPU, GUANGZHOU, GUANGDONG, People's Republic of China ~72: CHEN RONGKUN~ 33:CN ~31:2020105823373 ~32:23/06/2020

2021/00297 ~ Complete ~54:WIRELESS COMMUNICATIONS ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), , SE-164 83, Stockholm, Sweden ~72: CHRISTINE JOST;LARS-BERTIL OLSSON;NOAMEN BEN HENDA;PETER HEDMAN;QIAN CHEN;VESA TORVINEN~ 33:US ~31:62/451961 ~32:30/01/2017

2021/00307 ~ Complete ~54:N-SUBSTITUTED TETRAHYDROTHIENOPYRIDINE DERIVATIVES AND USES THEREOF ~71:NOVARTIS AG, Lichtstrasse 35, Switzerland ~72: KOUNDE, Cyrille;SIM, Wei Lin, Sandra;SIMON, Oliver;WANG, Gang;YEO, Hui, Quan;YEUNG, Bryan, KS;YOKOKAWA, Fumiaki;ZOU, Bin~ 33:US ~31:62/687,068 ~32:19/06/2018

2021/00316 ~ Complete ~54:COMPOUNDS FOR USE IN THE TREATMENT OF FASCIOLIASIS ~71:Merck Patent GmbH, Frankfurter Strasse 250, DARMSTADT 64293 , GERMANY, Germany ~72: BELL, Andrew Simon;GARDNER, John Mark Francis~ 33:GB ~31:1811695.4 ~32:17/07/2018

2021/00317 ~ Complete ~54:METHOD, SYSTEM AND APPARATUS FOR EXTRACTING HEAT ENERGY FROM GEOTHERMAL BRINY FLUID ~71:DAVID ALAN MCBAY, 3790 El Camino Real, United States of America ~72: MCBAY, David Alan~ 33:US ~31:62/687,385 ~32:20/06/2018

2021/00285 ~ Provisional ~54:TREATED TIMBER AND A METOD FOR TREATING TIMBER ~71:Scott Murray Sargent, 17 Roxburghe avenue, South Africa ~72: Sargent, Scott Murray~

2021/00298 ~ Complete ~54:CREST GATE ~71:WJ CONVEYANCES (PTY) LTD, PO Box 529, Potchefstroom, North West Province, 2520, South Africa ~72: BEREND JAN WERKMAN~ 33:ZA ~31:2020/00255 ~32:15/01/2020

2021/00306 ~ Complete ~54:MICROSCOPE FACILITATING OPTICAL FOCUSING ~71:NINGBO POLYTECHNIC, 388 Lushan East Road, Ningbo Economic And Technological Development Zone, Zhejiang, People's Republic of China ~72: HU, Keman;LV, Jiayi;SONG, Yunfeng;WANG, Zhengcai;WU, Yinfu~

2021/00289 ~ Complete ~54:REACTIVE AND PRE-EMPTIVE SECURITY SYSTEM FOR THE PROTECTION OF COMPUTER NETWORKS AND SYSTEMS ~71:NCHAIN HOLDINGS LIMITED, Fitzgerald House, 44 Church Street,, Antigua and Barbuda ~72: WRIGHT, Craig Steven~ 33:GB ~31:1603118.9 ~32:23/02/2016

2021/00296 ~ Complete ~54:METHODS FOR PREDICTING THERAPEUTIC BENEFIT OF ANTI-CD19 THERAPY IN PATIENTS ~71:MORPHOSYS AG, Semmelweisstrasse 7, 82152, Martinsried/Planegg, Germany ~72: JAN ENDELL;MARK WINDERLICH;RAINER BOXHAMMER~ 33:EP ~31:16171885.3 ~32:30/05/2016

2021/00300 ~ Complete ~54:GRINDING DEVICE ~71:RUD. STARCKE GMBH & CO. KG, Markt 10, Germany ~72: Christian WALL;Werner UNNERSTALL~

2021/00328 ~ Provisional ~54:SAFE DEVICE ANTI-TEXTING DEVICE ~71:NOMKHOSI ANNA-MARIA MAGWAZA, 22 NYARA PLACE, South Africa ~72: MASIMTUSE SIMTHANDASONKE MAGWAZA ;NOMKHOSI ANNA-MARIA MAGWAZA ~

2021/00319 ~ Complete ~54:NOVEL SHIGELLA VACCINE FORMULATION AND PROCESS TO PREPARE THEREOF ~71:MSD WELLCOME TRUST HILLEMAN LABORATORIES PVT. LTD., D-15, Ground Floor Jangpura Extension, India ~72: BHUNIA, Shushtruta;DUTTA, Shanta;GILL, Davinder;JOSHI, Nerraj;KOLEY, Hemanta;MANDYAL, Ashwini Kumar;ROY, Saugata;SHARMA, Tarun~ 33:IN ~31:201811000145 ~32:02/07/2018

2021/00325 ~ Complete ~54:BODY SUPPORT CUSHION WITH VENTILATION SYSTEM ~71:TEMPUR WORLD, LLC, 1000 Tempur Way, Lexington, Kentucky, 40511, United States of America ~72: ALANDA

TAR;HAMID GHANEI;HENRY GARMA;JR. JAMES A EVANS;JUDSON P GWALTNEY;JUSTIN ALBERTO;STEPHEN SWITZER;TAYLOR M JANSEN~ 33:US ~31:16/023,364 ~32:29/06/2018

2021/00312 ~ Complete ~54:PYRAZOLE DERIVATIVES AS MALT1 INHIBITORS ~71:Janssen Pharmaceutica NV, Turnhoutseweg 30, BEERSE 2340, BELGIUM, Belgium ~72: BERTHELOT, Didier Jean-Claude;CONNOLLY, Peter J.;CUMMINGS, Maxwell David;DIELS, Gaston Stanislas Marcella;EDWARDS, James Patrick;LU, Tianbao;PHILIPPAR, Ulrike;THURING, Jan Willem;WU, Tongfei~ 33:US ~31:62/686,451 ~32:18/06/2018

2021/00318 ~ Complete ~54:MULTILAYER BALLISTIC PROTECTION PANEL ~71:BAIKRICH, Michel, Diagonal 62 #48 36, Antiguo Meson de Rafa, Barrio Tacarigua, Cartagena de Indias, Colombia ~72: BAIKRICH, Michel~ 33:CO ~31:PCT/CO2018/000018 ~32:13/08/2018

2021/00310 ~ Complete ~54:BINDER-DRUG CONJUGATES DIRECTED AGAINST CXCR5, HAVING ENZYMATICALLY CLEAVABLE LINKERS AND IMPROVED ACTIVITY PROFILE ~71:Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 1, LEVERKUSEN 51373, GERMANY, Germany ~72: GREVEN, Simone;HAMMER, Stefanie;JÖRISSEN, Hannah;JOHANNES, Sarah Anna Liesa;LEJEUNE, Pascale;LERCHEN, Hans-Georg;MÄRSCH, Stephan;MAHLERT, Christoph;STELTE-LUDWIG, Beatrix~ 33:EP ~31:18178299.6 ~32:18/06/2018

2021/00322 ~ Complete ~54:POLYTUNNEL STRUCTURE ~71:HAYGROVE LIMITED, Redbank Ledbury, Hereford and Worcester, HR8 2JL, United Kingdom ~72: ANGUS DAVISON~ 33:GB ~31:1810046.1 ~32:19/06/2018

2021/00290 ~ Complete ~54:FIRST-ORDER LOGICAL NEURAL NETWORKS WITH BIDIRECTIONAL INFERENCE ~71:International Business Machines Corporation, New Orchard Road, ARMONK 10504, NY, USA, United States of America ~72: AKHALWAYA, Ismail Yunus;BARAHONA, Francisco;GRAY, Alexander;KHAN, Naweed;LUUS, Francois Pierre;MAKONDO, Ndivhuwo;RIEGEL, Ryan~ 33:US ~31:17/063,899 ~32:06/10/2020

2021/00305 ~ Complete ~54:DEVICE, SYSTEM AND METHOD OF CHARACTERIZING REFLECTIVE ELEMENTS THROUGH REFLECTED LIGHT BEAMS ~71:FUNDACIÓN CENER-CIEMAT, Ciudad de la Innovacion No.7, Spain ~72: GARCIA-BARBERENA LABIANO, Javier;HERAS VILA, Carlos;IZQUIERDO NÚÑEZ, David;Les AGUERREA, Inigo;MUTUBERRIA LARRAYOZ, Amaia;PEÑA LAPUENTE, Adrian;SALINA ÁRIZ, Iñigo;SANCHEZ GONZALEZ, Marcelino~ 33:ES ~31:P201830756 ~32:25/07/2018

2021/00299 ~ Complete ~54:AN ACTUATED VALVE ~71:THE BÜHRMANN TRUST, Plot 33, Riverside Estates, South Africa ~72: BÜHRMANN, Rudolph~ 33:ZA ~31:2018/02740 ~32:15/06/2018

2021/00309 ~ Complete ~54:COMPOSITION COMPRISING HUMAN MILK OLIGOSACCHARIDES FOR USE IN IMPROVING, ENHANCING, PROMOTING OR MODULATING A SEROTONERGIC FUNCTION IN THE CENTRAL NERVOUS SYSTEM ~71:Société des Produits Nestlé S.A., Entre-deux-Villes, VEVEY 1800, SWITZERLAND, Switzerland ~72: HAUSER, Jonas;YAN, Jian~ 33:US ~31:62/689,293 ~32:25/06/2018

2021/00283 ~ Provisional ~54:TAMPER PROOF ~71:Sonette Elizabeth EHLERS, 6A Botha Street, South Africa ~72: Sonette Elizabeth EHLERS~

2021/00292 ~ Complete ~54:CONVERGENT SYNTHESIS OF POZIOTINIB DERIVATIVE ~71:Hanmi Pharm Co., Ltd, 550, Dongtangiheung-ro, Hwaseong-si, GYEONGGI-DO 18469, REPUBLIC OF KOREA, Republic of Korea ~72: CHAN, Bang Keuk;HO, Moon Young;HYUK, Jung Jae~ 33:US ~31:62/961,884 ~32:16/01/2020

2021/00302 ~ Complete ~54:CYANOTRIAZOLE COMPOUNDS AND USES THEREOF ~71:NOVARTIS AG, Lichtstrasse 35, Switzerland ~72: JIRICEK, Jan;NG, Shuyi Pearly;RAO, Srinivasa P S~ 33:US ~31:62/687,045 ~32:19/06/2018

2021/00311 ~ Complete ~54:PYRAZOLE DERIVATIVES AS MALT1 INHIBITORS ~71:Janssen Pharmaceutica NV, Turnhoutseweg 30, BEERSE B-2340, BELGIUM, Belgium ~72: BARBAY, Joseph Kent;CONNOLLY, Peter J.;CUMMINGS, Maxwell David;DIELS, Gaston Stanislas Marcella;EDWARDS, James Patrick;KREUTTER, Kevin D.;LU, Tianbao;PHILIPPAR, Ulrike;SHEN, Fang;THURING, Jan Willem;WU, Tongfei~ 33:US ~31:62/686,447 ~32:18/06/2018

2021/00321 ~ Complete ~54:ANTI-SIRP ALPHA ANTIBODY ~71:DAIICHI SANKYO COMPANY, LIMITED, 3-5-1, Nihonbashi Honcho, Chuo-ku, Tokyo, 1038426, Japan;NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY, 1-1, Rokkodai-cho, Nada-ku, Kobe-shi,, Hyogo, 6578501, Japan ~72: CHIGUSA YOSHIMURA;KENSUKE NAKAMURA;MAYUMI SUE;TAKASHI MATOZAKI~ 33:JP ~31:2018-131116 ~32:10/07/2018

2021/00291 ~ Complete ~54:WORD SENSE DISAMBIGUATION USING A DEEP LOGICO-NEURAL NETWORK ~71:International Business Machines Corporation, New Orchard Road, ARMONK 10504, NY, USA, United States of America ~72: AKHALWAYA, Ismail Yunus;GRAY, Alexander;KHAN, Naweed;LUUS, Francois Pierre;MAKONDO, Ndivhuwo;RIEGEL, Ryan~ 33:US ~31:17/039,133 ~32:30/09/2020

2021/00314 ~ Complete ~54:PHARMACEUTICAL COMPOSITION COMPRISING POLYPEPTIDE ~71:D&D Pharmatech Inc., 4th floor, 24, Pangyo-ro 255beon gil, Bundang-gu, SEONGNAM-SI 13486, GYUNGGI-DO, REPUBLIC OF KOREA, Republic of Korea ~72: AN, Hyoung Tae;LEE, Kang Choon;LIM, Sung Mook;PARK, Eun Ji;PARK, Og Yi;SHIN, Jae Hee~ 33:KR ~31:10-2018-0083946 ~32:19/07/2018;33:KR ~31:10-2019-0060513 ~32:23/05/2019

2021/00320 ~ Complete ~54:ORGANIC-MATTER FRAGMENTATION APPARATUS ~71:HØJ LIFE LIMITED, Quest House, Suite 2 Ground Floor, 125-135 Staines Road, United Kingdom ~72: Matias Taul Hansen;Simon Villum Folmann~ 33:GB ~31:1809968.9 ~32:18/06/2018

2021/00327 ~ Complete ~54:REUTERICYCLIN OR LACTOBACILLUS REUTERII FOR REDUCING WEIGHT GAIN ~71:THE MEDICAL COLLEGE OF WISCONSIN, INC., 8701 Watertown Plank Road, Milwaukee, Wisconsin, 53226, United States of America ~72: JOHN RICHARD KIRBY;ORLANDO GRAJO DE LEON~ 33:US ~31:62/698,601 ~32:16/07/2018

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2021/00333 ~ Provisional ~54:AZIJAM BACKPACK ~71:Onke Aphelele Majiza, 2 Theos Chea Princeberg avenue, South Africa ~72: Onke Aphelele Majiza~ 33:ZA ~31:3 ~32:17/01/2021

2021/00330 ~ Provisional ~54:BIOCIDAL GLOVES ~71:David John Dougans, 12 Roosevelt Rd, South Africa ~72: David John Dougans~

2021/00351 ~ Complete ~54:ANODE FOR ELECTROLYTIC EVOLUTION OF CHLORINE ~71:INDUSTRIE DE NORA S.P.A., Via Bistolfi 35, 20134, Milan, Italy ~72: ALICE CALDERARA;ALICE GARGIULO;LUCIANO IACOPETTI~ 33:IT ~31:102018000006544 ~32:21/06/2018

2021/00356 ~ Complete ~54:BIODEGRADABLE AND COMPOSTABLE FOOD PACKAGING UNIT FROM A MOULDED OR FLUFF PULP MATERIAL WITH A LAMINATED MULTI-LAYER, AND METHOD FOR MANUFACTURING SUCH FOOD PACKAGING UNIT ~71:Huhtamaki Molded Fiber Technology B.V.,

Poolsterweg 3, LEEUWARDEN 8938 AN, THE NETHERLANDS, Netherlands ~72: KUIPER, Harald John;TIMMERMAN, Jan Hendrik~ 33:NL ~31:2021355 ~32:19/07/2018;33:NL ~31:2022111 ~32:30/11/2018;33:NL ~31:2022734 ~32:13/03/2019

2021/00406 ~ Provisional ~54:AEROFOIL TORQUE DRIVE POWER TO WIND TURBINE ~71:Virendra Ramlakan, 19 30th Avenue, South Africa ~72: Virendra Ramlakan~ 33:ZA ~31:TBA ~32:07/01/2021

2021/00359 ~ Complete ~54:BENZODIAZEPINE DERIVATIVES, COMPOSITIONS, AND METHODS FOR TREATING COGNITIVE IMPAIRMENT ~71:AgeneBio, Inc., 1340 Smith Avenue, Suite 200, BALTIMORE 21209, MD, USA, United States of America ~72: BUTERA, John A.;FREEMAN, Emily Elizabeth;HERR, Robert Jason;HUANG, Jianxing;JIANG, Qin;MAYHEW, Nicholas James;MEKONNEN, Belew;PATEL, Hemantbhai~ 33:US ~31:62/687,195 ~32:19/06/2018

2021/00335 ~ Provisional ~54:PRODUCTION OF TITANIUM METAL POWDER ~71:VAN VUUREN, David, Steyn, 274 ALBERT STREET, WATERKLOOF, 0181, PRETORIA, SOUTH AFRICA, South Africa ~72: VAN VUUREN, David, Steyn~

2021/00332 ~ Provisional ~54:AQUA - NAV : POOL CLEANING DEVICE TO ENHANCE THE PERFORMANCE OF POOL OR TANK VACUUM CLEANERS ~71:Grant Ross Campbell, 4 Hawthorn Drive, Dalecross, South Africa ~72: Grant Ross Campbell~ 33:ZA ~31:2019/03024 ~32:16/01/2021

2021/00341 ~ Complete ~54:A RECONFIGURABLE FIXTURE, A RECONFIGURABLE FIXTURE SYSTEM, AND A METHOD OF OPERATING A RECONFIGURABLE FIXTURE SYSTEM ~71:Tshwane University of Technology, Arcadia Campus, 175 Mandela Drive, Arcadia, PRETORIA 0083, Gauteng Province, SOUTH AFRICA, South Africa ~72: MPOFU, Khumbulani;RAMATSETSE, Boitumelo Innocent;SELOANE, Walter Thabo~ 33:ZA ~31:2019/06869 ~32:18/10/2019

2021/00349 ~ Complete ~54:MASH FILTER MEMBRANE ~71:HEINEKEN SUPPLY CHAIN B.V., Tweede Weteringplantsoen 21, Netherlands ~72: VAN NUUS, Martinus Adrianus~ 33:EP ~31:18191554.7 ~32:29/08/2018

2021/00362 ~ Complete ~54:NEOANTIGENS AND USES THEREOF ~71:BioNTech US Inc., 40 Erie Street, Suite 110, CAMBRIDGE 02139, MA, USA, United States of America ~72: JUNEJA, Vikram~ 33:US ~31:62/687,188 ~32:19/06/2018;33:US ~31:62/800,735 ~32:04/02/2019

2021/00329 ~ Provisional ~54:AGALO2 ~71:David John Dougans, 12 Roosevelt Rd, South Africa ~72: David John Dougans~

2021/00331 ~ Provisional ~54:FACE MASK WITH A SEPARATION/ DIVIDING PANEL ON THE INSIDE ~71:eesaa muhummad, 4 main avenue 32 alegria killarney, South Africa ~72: eesaa muhummad~

2021/00342 ~ Complete ~54:FABRIC FOR PREVENTING HIGH BLOOD PRESSURE ~71:CHEN, Xia, No. 404 Changjiangzhonglu, Chongchuan, Nantong, Jiangsu, 226000, People's Republic of China ~72: CHEN, Xia~

2021/00346 ~ Complete ~54:THERAPEUTIC PROTEIN SELECTION IN SIMULATED IN VIVO CONDITIONS ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: KIM, Dorothy;MARLOW, Michael~ 33:US ~31:62/718,307 ~32:13/08/2018;33:US ~31:62/865,446 ~32:24/06/2019

2021/00350 ~ Complete ~54:COMPOSITION OF ALGINIC OLIGOSACCHARIC DIACIDS ~71:SHANGHAI GREEN VALLEY PHARMACEUTICAL CO., LTD., 421 Niudun Road, Zhang Jiang Hi-Tech Park, People's Republic of China;SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, 555

Zuchongzhi Road, Zhang Jiang Hi-Tech Park, People's Republic of China ~72: DING, Jian;GENG, Meiyu;JIN, Yingshen;XIAO, Zhongping;ZHANG, Zhenqing~ 33:CN ~31:201810721327.6 ~32:29/06/2018

2021/00367 ~ Provisional ~54:ANTI-FOULING ART GLOVE BY KIRSTEN DE VRIES ~71:Kirsten de Vries, 38 Koningshof, King Street, South Africa ~72: Kirsten de Vries~ 33:ZA ~31:0 ~32:17/01/2021

2021/00365 ~ Complete ~54:WASHING APPARATUS ~71:GORDON , Fraser Paul, 26 Princess Alice Avenue, Glenwood, Durban 4001, KwaZulu-Natal, SOUTH AFRICA, South Africa ~72: GORDON , Fraser Paul~ 33:ZA ~31:2018/04262 ~32:26/06/2018

2021/00338 ~ Complete ~54:SWEETENING COMPOSITIONS ~71:RED BULL GMBH, Am Brunnen 1, Austria ~72: BOEHRINGER, Volker;NACHBAGAUER, Josef;URBAN-KLIK, Manfred~ 33:EP ~31:16207626.9 ~32:30/12/2016;33:US ~31:15/395,432 ~32:30/12/2016

2021/00343 ~ Complete ~54:A WELDING METHOD FOR THE MANUFACTURE OF AN ASSEMBLY OF AT LEAST 2 METALLIC SUBSTRATES ~71:ARCELORMITTAL, 24-26, Boulevard d'Avranches, Luxembourg ~72: Jean-Marie HELMER;Maxime BROSSARD;Stéphanie MICHAUT;Tiago MACHADO AMORIM~

2021/00366 ~ Complete ~54:VARIABLE PORT PRESSURE DEVICE FOR USE ON A MULTIPLE GRENADE LAUNCHER ~71:RIPPEL EFFECT SYSTEMS (PTY) LIMITED, 78 Tijger Valley Office Park, 20 Pony Street, Silverlakes, South Africa ~72: CHRISTO BOTES~ 33:ZA ~31:2018/04758 ~32:17/07/2018

2021/00347 ~ Complete ~54:SERVO DRIVER AND FAULT PROTECTION CIRCUIT FOR OVERCURRENTTHEREOF ~71:ZHEJIANG HECHUAN TECHNOLOGY CO., LTD, No.9, Fucai Road, Chengbei Industrial Park, Longyou County, People's Republic of China ~72: QU, Jiangmin;TONG, Wenzou;ZHAO, Yongjun~ 33:CN ~31:202010122165.1 ~32:26/02/2020

2021/00358 ~ Complete ~54:ARTICLE DUAL MATERIAL-DIGITAL ANTI-FORGERY PROTECTION ~71:SICPA HOLDING SA, Avenue de Florissant 41, PRILLY 1008, SWITZERLAND, Switzerland ~72: DECOUX, Eric;GILLET, Philippe;THEVOZ, Philippe;WALLACE, Elisabeth~ 33:EP ~31:18178639.3 ~32:19/06/2018

2021/00334 ~ Provisional ~54:PASSIVATION OF IRON ~71:VAN VUUREN, David, Steyn, 274 ALBERT STREET, WATERKLOOF, 0181, PRETORIA, SOUTH AFRICA, South Africa ~72: VAN VUUREN, David, Steyn~

2021/00348 ~ Complete ~54:SMOKING ARTICLE WITH DETACHABLE CARTRIDGE ~71:R.J. REYNOLDS TOBACCO COMPANY, 401 North Main Street, Winston-Salem, United States of America ~72: BRAXTON, Paul E.;CLECKLEY, Karen H.;CONNER, Billy T.;GAGE, Justin William;SEARS, Stephen B.;SHORT, Jason M.~ 33:US ~31:16/035,103 ~32:13/07/2018

2021/00364 ~ Complete ~54:METHODS OF DETERMINING PROTEIN OR PEPTIDE CONCENTRATION AND USES THEREOF ~71:Eli Lilly and Company, Lilly Corporate Center, INDIANAPOLIS 46285, IN, USA, United States of America ~72: BRADLEY, Scott Allan;JACKSON Jr., Wesley Clinton;WEISS IV, William F.~ 33:US ~31:62/720,607 ~32:21/08/2018;33:US ~31:62/727,708 ~32:06/09/2018

2021/00355 ~ Complete ~54:NOVEL CRYSTALLINE FORMS OF 1-(4-{[6-AMINO-5-(4-PHENOXY-PHENYL)-PYRIMIDIN-4-YLAMINO]-METHYL}-4-FLUORO-PIPERIDIN-1-YL)-PROPENONE, SALT FORMS THEREOF, AND PROCESSES TO OBTAIN ~71:Merck Patent GmbH, Frankfurter Strasse 250, DARMSTADT 64293 , GERMANY, Germany ~72: BURINI, Edoardo;KUEHN, Clemens;LANGE, Michael;MAILLARD, David;MEDERSKI, Werner;SCHLUETER, Tobias~ 33:US ~31:62/686,797 ~32:19/06/2018

2021/00337 ~ Provisional ~54:ATCHARINE ~71:Fezile Nongogo, 16587 Amazon Crescent, South Africa ~72: Fezile Nongogo~

2021/00339 ~ Complete ~54:SWEETENING COMPOSITIONS ~71:RED BULL GMBH, Am Brunnen 1, Austria ~72: BOEHRINGER, Volker;NACHBAGAUER, Josef;URBAN-KLIK, Manfred~ 33:EP ~31:16207626.9 ~32:30/12/2016;33:US ~31:15/395,432 ~32:30/12/2016

2021/00344 ~ Complete ~54:ELECTRODES COMPRISING THREE-DIMENSIONAL HETEROATOM-DOPED CARBON NANOTUBE MACRO MATERIALS ~71:3D NANO BATTERIES, LLC, 8329 COCOPLUM SOUND LN., WEST PALM BEACH, FL 33411, USA, United States of America ~72: FARAGUNA, Christopher, M.;HASHIM, Daniel, Paul~ 33:US ~31:62/686,420 ~32:18/06/2018

2021/00353 ~ Complete ~54:TREATMENT METHOD AND APPARATUS WITH A SYSTEM FOR CONTROLLING THE FLOW OF THE GASEOUS MEDIUM ~71:DTAMEDICAL, 5 Impasse du Finistère, 39300, Loulle, France ~72: FRANÇOIS DUFAY~ 33:FR ~31:1856414 ~32:12/07/2018

2021/00354 ~ Complete ~54:DIGITAL FILE ANTI-FORGERY PROTECTION ~71:SICPA HOLDING SA, Avenue de Florissant 41, PRILLY 1008, SWITZERLAND, Switzerland ~72: DECOUX, Eric;GILLET, Philippe;THEVOZ, Philippe;WALLACE, Elisabeth~ 33:EP ~31:18178628.6 ~32:19/06/2018

2021/00363 ~ Complete ~54:EASY-TO-TEAR FLEXIBLE PACKAGING SUBSTRATE ~71:CHATURVEDI, Ashok, 305, Third Floor, Bhanot Corner, Pamposh Enclave, GK-1, NEW DELHI 110048, INDIA, India ~72: CHATURVEDI, Ashok~ 33:IN ~31:201811023315 ~32:22/06/2018

2021/00336 ~ Provisional ~54:SAFETY PEN ~71:MARK WYNESS VOSLOO, 47 NORTHOAKS PRIVATE ESTATE, NORTHOAKS AVENUE, HOUT BAY, South Africa ~72: MARK WYNESS VOSLOO~

2021/00340 ~ Complete ~54:A RECONFIGURABLE FIXTURE, A RECONFIGURABLE FIXTURE SYSTEM, AND A METHOD OF OPERATING A RECONFIGURABLE FIXTURE SYSTEM ~71:Tshwane University of Technology, Arcadia Campus, 175 Mandela Drive, Arcadia, PRETORIA 0083, Gauteng Province, SOUTH AFRICA, South Africa ~72: MPOFU, Khumbulani;RAMATSETSE, Boitumelo Innocent;SELOANE, Walter Thabo~ 33:ZA ~31:2019/06868 ~32:18/10/2019

2021/00345 ~ Complete ~54:ANTI-AVB8 ANTIBODIES AND COMPOSITIONS AND USES THEREOF ~71:PFIZER INC., 235 East 42nd Street, United States of America;THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, 1111 Franklin Street, 12th Floor, United States of America ~72: AKHURST, Rosemary, J;ATAKILIT, Amha;DAL PORTO, Joseph;DREVER, Matthew, Ross;HOLST, Charles, Ray;MEYER, Dominique;NIESSEN, Kyle, Steven;RONDON, Isaac, J;SAMUEL, Dharmaraj;SHEPPARD, Dean~ 33:US ~31:62/728,688 ~32:07/09/2018;33:US ~31:62/890,945 ~32:23/08/2019

2021/00352 ~ Complete ~54:NOVEL 3, 5-DISUBSTITUTED PYRIDINE AND 3, 5-DISUBSTITUTED PYRIDAZINE DERIVATIVES AND PHARMACEUTICAL USE OF SAME ~71:MITSUBISHI TANABE PHARMA CORPORATION, 3-2-10, Dosho-machi, Chuo-ku, Osaka-shi, Osaka, 5418505, Japan ~72: DAISUKE IIJIMA;HISAYUKI TAKAMATSU;SHUZO TAKEDA;TAICHI TAKAHASHI~ 33:JP ~31:2018-141254 ~32:27/07/2018

2021/00360 ~ Complete ~54:SUSPENSION ASSEMBLY ~71:Gripple Limited, The Old West Gun Works, Savile Street East, SHEFFIELD S4 7UQ, SOUTH YORKSHIRE, UNITED KINGDOM, United Kingdom ~72: REYNOLDS, Thomas William~ 33:GB ~31:GB1812081.6 ~32:24/07/2018;33:GB ~31:GB1910261.5 ~32:18/07/2019

2021/00357 ~ Complete ~54:SIGNALING SUB-PREDICTION UNIT MOTION VECTOR PREDICTOR ~71:QUALCOMM Incorporated, ATTN: International IP Administration, 5775 Morehouse Drive, SAN DIEGO 92121-1714, CA, USA, United States of America ~72: CHIEN, Wei-Jung;HUANG, Han;KARCZEWICZ, Marta;SEREGIN, Vadim~ 33:US ~31:62/687,052 ~32:19/06/2018;33:US ~31:16/443,113 ~32:17/06/2019

2021/00361 ~ Complete ~54:FORMULATIONS OF 5-HYDROXY TRYPTOPHAN (5-HTP) FOR BETTER BIOAVAILABILITY FOR VARIOUS INDICATIONS ~71:Nanyang Technological University, 50 Nanyang Avenue, SINGAPORE 639798, SINGAPORE, Singapore;National University Hospital (Singapore) Pte Ltd, 1E Kent Ridge Road, #13-00, SINGAPORE 119228, SINGAPORE, Singapore;National University of Singapore, 21 Lower Kent Ridge Road, SINGAPORE 119077, SINGAPORE, Singapore ~72: FAM, Johnson;JACOBSEN, Jacob Pade Ramsoe;VENKATRAMAN, Subramanian~ 33:US ~31:62/686,774 ~32:19/06/2018

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2021/00378 ~ Complete ~54:TOPICAL OLEAGINOUS COMPOSITIONS ~71:DR. REDDY'S LABORATORIES LTD., 8-2-337, Road No. 3, Banjara Hills, India ~72: AMARJI, Basant;BAIRAGI, Ujjawal;DOLAI, Sujit Kumar;RAVIPATI, Nv, Anil Kumar;SASMAL, Pradip~ 33:IN ~31:201841009717 ~32:16/08/2018

2021/00392 ~ Complete ~54:A SUTURE MEMBER, SUTURING NEEDLE AND SUTURING DEVICE ~71:UBBAT OCAK, Gråbjørnvegen 23, 3917, Porsgrunn, Norway ~72: ERIK PAVELS PETERSEN;MARTIN W RØNNINGEN;UBBAT OCAK~ 33:NO ~31:20180994 ~32:16/07/2018

2021/00375 ~ Complete ~54:THERAPY OF HIGH-RISK HUMAN PAPILLOMAVIRUS INFECTIONS ~71:SELO MEDICAL GMBH, Moosham 29, Austria ~72: FUCHS, Norbert~ 33:EP ~31:18191289.0 ~32:28/08/2018

2021/00393 ~ Complete ~54:VEHICLE TELEMATICS OF VEHICLE CRASHES ~71:CAMBRIDGE MOBILE TELEMATICS INC., 101 Main Street, 14th Floor, Cambridge, Massachusetts, 02142, United States of America ~72: GERONIMO MIRANO;JUN-GEUN PARK;KIMBERLY SHEA;WILLIAM BRADLEY~ 33:US ~31:16/035,861 ~32:16/07/2018;33:US ~31:16/289,797 ~32:01/03/2019

2021/00369 ~ Provisional ~54:TWIST-LOCK INDICATOR ~71:NTB Technical Services CC, 54 Tosca Cresent, South Africa ~72: Adrian Bresler;Nickolaas Broekhuizen~

2021/00385 ~ Complete ~54:GENERATING CHANNEL ACCESS PATTERNS FOR NETWORKS THAT ARE NOT COORDINATED WITH ONE ANOTHER ~71:FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V., HANSASTRAßE 27C, 80686 MÜNCHEN, GERMANY, Germany;FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG, SCHLOSSPLATZ 4, 91054 ERLANGEN, GERMANY, Germany ~72: BERNHARD, Josef;ERETH, Stefan;KILIAN, Gerd;KNEIßL, Jakob;MEYER, Raimund;OBERNOSTERER, Frank;ROBERT, Jörg;WECHSLER. Johannes~ 33:DE ~31:10 2018 210 245.7 ~32:22/06/2018

2021/00404 ~ Complete ~54:A MULTI-ROUND LAUNCHER COMPRISING A MECHANICALLY-ACTUATED INDEXING MECHANISM ~71:RIPPEL EFFECT SYSTEMS (PTY) LIMITED, 78 Tijger Valley Office Park, 20 Pony Street, Silverlakes, South Africa ~72: GERT STEPHANUS ROSSOUW~ 33:ZA ~31:2018/05220 ~32:03/08/2018

2021/00387 ~ Complete ~54:POLYURETHANE FOAM OR POLYETHER POLYOL STABILIZED WITH A BENZOFURANONE-PHOSPHITE DERIVATIVE ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: ESPINOS ARIZTI, Jorge;HERBST, Heinz;HOELZL, Werner;KING, III, Roswell, E.;TARTARINI, Cinzia~ 33:EP ~31:18382482.0 ~32:28/06/2018

2021/00368 ~ Provisional ~54:PRECOOKED MEALS STORAGE AND PREPARATION IOT DEVICE ~71:Martin Hempel, Endeavour Farm, South Africa ~72: Martin Hempel~

2021/00390 ~ Complete ~54:FUSION CONSTRUCTS AND METHODS OF USING THEREOF ~71:PRECIGEN, INC., 1750 Kraft Drive, Suite 1400, Blacksburg, Virginia, 24060, United States of America ~72: CHANGHUNG CHEN;HELEN SABZEVARI;RUTUL R SHAH;SIMON METENOU~ 33:US ~31:62/695,623

~32:09/07/2018;33:US ~31:62/695,627 ~32:09/07/2018;33:US ~31:62/863,710 ~32:19/06/2019;33:US ~31:62/864,367 ~32:20/06/2019;33:US ~31:62/866,420 ~32:25/06/2019

2021/00376 ~ Complete ~54:HETEROCYCLIC SULFONAMIDE DERIVATIVES AND PHARMACEUTICAL USES THEREOF ~71:METRION BIOSCIENCES LIMITED, Suite 1, Riverside 3, Granta Park, Great Abingdon, United Kingdom ~72: KANAZAWA, Junichiro;KIRBY, Robert;KOBAYASHI, Satoru;MATSUO, Takuya;ROGERS, Marc;SHOMI, Gakujun;SUZAWA, Koichi;TORIZUKA, Makoto;YAMAOKA, Nobutaka~ 33:GB ~31:1811165.8 ~32:06/07/2018

2021/00383 ~ Complete ~54:PAPER SHEET STORAGE DEVICE AND PAPER SHEET PROCESSING DEVICE ~71:JAPAN CASH MACHINE CO., LTD., 2-3-15 NISHIWAKI, HIRANO-KU, OSAKA-SHI, OSAKA 547-0035, JAPAN, Japan ~72: YASUTAKA, Hirokazu~ 33:JP ~31:2018-123018 ~32:28/06/2018

2021/00380 ~ Complete ~54:METHOD AND DEVICE FOR DETERMINING AUTOPHAGIC FLUX ~71:STELLENBOSCH UNIVERSITY, Admin B, Victoria Street, South Africa ~72: DU TOIT, Andre;HOFMEYR, Jan Hendrik Servaas;LOOS, Benjamin;PEROLD, Willem Jacobus~ 33:ZA ~31:2018/04374 ~32:29/06/2018

2021/00381 ~ Complete ~54:ENANTIOMERICALLY PURIFIED GPER AGONIST FOR USE IN TREATING DISEASE STATES AND CONDITIONS ~71:LINNAEUS THERAPEUTICS, INC., 30 Washington Ave, United States of America ~72: GARYANTES, Tina;LUKE, Wayne;MOONEY, Patrick;NATALE, Christopher~ 33:US ~31:62/701,726 ~32:21/07/2018

2021/00389 ~ Complete ~54:CLOSE PROXIMITY NOZZLE SYSTEM ~71:TYCO FIRE PRODUCTS LP, 1400 Pennbrook Parkway, Lansdale, Pennsylvania, 19446, United States of America ~72: CHAD L RYCZEK~ 33:US ~31:62/697,745 ~32:13/07/2018

2021/00374 ~ Complete ~54:LENGTHWISE SECTION, FLEXIBLE DRILL ROD AND METHOD ~71:Sandvik Mining and Construction Lyon SAS, 19 Avenue Maréchal de Lattre de Tassigny Z.I., MEYZIEU F-69330, FRANCE, France;Sandvik Mining and Construction Oy, Pihtisulunkatu 9, TAMPERE 33330, FINLAND, Finland ~72: BLANC-BERNARD, Calixte;DEMIA, Laurent;KOKKONEN, Annukka;NADDAF, Guillaume;VERHO, Samuli~ 33:EP ~31:20153219.9 ~32:22/01/2020

2021/00394 ~ Complete ~54:ASSAYS AND REAGENTS FOR ANTIMICROBIAL SUSCEPTIBILITY TESTING ~71:SELUX DIAGNOSTICS, INC., 56 Roland Street, Suite 206, Charlestown, Massachusetts, 02129, United States of America ~72: BENJAMIN SPEARS;KELLY FLENTIE~ 33:US ~31:62/696,732 ~32:11/07/2018

2021/00370 ~ Provisional ~54:LOCKING MECHANISM ~71:DECIO NEVES PIMENTA, 4 TUSICA PLACE, PIET MYBURG STREET, South Africa ~72: DECIO NEVES PIMENTA~

2021/00388 ~ Complete ~54:AN EXHAUST SYSTEM ~71:COX POWERTRAIN LIMITED, The Cecil Pashley Building, 8 Cecil Pashley Way, Brighton City Airport, Lancing, Sussex, BN43 5FF, United Kingdom ~72: JAMES EATWELL~ 33:GB ~31:1811468.6 ~32:12/07/2018

2021/00395 ~ Complete ~54:RAPIDLY DISINTEGRATING ORAL FILM MATRIX ~71:CURE PHARMACEUTICAL HOLDING CORP., 1620 Beacon Place, United States of America ~72: BERNARDO, Jose;GIGI, Vered~ 33:US ~31:62/696,359 ~32:11/07/2018

2021/00400 ~ Complete ~54:COMPOSITIONS OF FCRN ANTIBODIES AND METHODS OF USE THEREOF ~71:Momenta Pharmaceuticals, Inc., 301 Binney Street, CAMBRIDGE 02142, MA, USA, United States of America;ST. LOUIS, Gregory, 301 Binney Street, CAMBRIDGE 02142, MA, USA, United States of America;ZHANG, Zhongli, 301 Binney Street, CAMBRIDGE 02142, MA, USA, United States of America ~72:

PATIL, Siddhesh;SINGH, Narinder;ST. LOUIS, Gregory;WILLIAMS, Eva;ZHANG, Zhongli~ 33:US ~31:62/701,467 ~32:20/07/2018

2021/00401 ~ Complete ~54:FCRN ANTIBODY COMPOSITIONS ~71:Momenta Pharmaceuticals, Inc., 301 Binney Street, CAMBRIDGE 02142, MA, USA, United States of America;SHIFRIN, Michael, 301 Binney Street, CAMBRIDGE 02142, MA, USA, United States of America;ZHANG, Zhongli, 301 Binney Street, CAMBRIDGE 02142, MA, USA, United States of America ~72: KHAN, Nasir;LIWOSZ, Aneta;SHIFRIN, Michael;WASHBURN, Nathaniel J.;ZHANG, Zhongli~ 33:US ~31:62/701,367 ~32:20/07/2018

2021/00402 ~ Complete ~54:EMULSION-BASED PERSONAL CARE COMPOSITIONS AND METHODS FOR THE SAME ~71:Colgate-Palmolive Company, 300 Park Avenue, NEW YORK 10022, NY, USA, United States of America ~72: DENNIS, Mavis;DEWDNEY, Nadine;PARKER, Jodie~

2021/00403 ~ Complete ~54:REDUCED-RESIDUE HARD SURFACE CLEANER AND METHOD FOR DETERMINING FILM/STREAK ~71:Stepan Company, 22 W. Frontage Road, NORTHFIELD 60093, IL, USA, United States of America ~72: BOEBEL, Timothy A.;DONG, Xue Min;KNOCK, Mona Marie;MASTERS, Ronald A.;MURPHY, Dennis S.;WOLFE, Patrick Shane~ 33:US ~31:62/701,182 ~32:20/07/2018;33:US ~31:62/826,115 ~32:29/03/2019

2021/00373 ~ Complete ~54:THERAPEUTICALLY ACTIVE COMPOUNDS AND THEIR METHODS OF USE ~71:AGIOS PHARMACEUTICALS, INC., 88 Sidney Street, Cambridge, Massachusetts, 02139, United States of America ~72: DAWEI CUI;DING ZHOU;JANETA POPOVICI-MULLER;JEREMY TRAVINS;RENE M LEMIEUX;ZHENWEI CAI~ 33:CN ~31:PCT/CN2012/070601 ~32:19/01/2012

2021/00391 ~ Complete ~54:ROR-1 SPECIFIC CHIMERIC ANTIGEN RECEPTORS AND USES THEREOF ~71:PRECIGEN, INC., 1750 Kraft Drive, Suite 1400, Blacksburg, Virginia, 24060, United States of America ~72: AMY WESA;CHANGHUNG CHEN;CHERYL G BOLINGER;RUTUL R SHAH;VINODHBABU KURELLA~ 33:US ~31:62/696,075 ~32:10/07/2018

2021/00379 ~ Complete ~54:AN ASSEMBLY OF AT LEAST 2 METALLIC SUBSTRATES ~71:ARCELORMITTAL, 24-26, Boulevard d'Avranches, Luxembourg ~72: Jean-Marie HELMER;Maxime BROSSARD;Pascal BERTHO;Stéphanie MICHAUT;Tiago MACHADO AMORIM~

2021/00382 ~ Complete ~54:INFLUENZA VIRUS HEMAGGLUTININ MUTANTS ~71:MEDICAGO INC., 600 - 1020, ROUTE DE I'EGLISE, QUEBEC, QUÉBEC, G1V 3V9, CANADA, Canada ~72: COUTURE, Manon;D'AOUST, Marc-André;DOUCET, Alain;LAVOIE, Pierre-Olivier;LORIN, Aurélien~ 33:US ~31:62/690,780 ~32:27/06/2018

2021/00398 ~ Complete ~54:PHARMACEUTICAL COMPOSITION IN THE FORM OF A CHEWABLE TABLET OF DIOSMIN OR OF A FLAVONOID MOIETY ~71:Les Laboratoires Servier, 35 rue de Verdun, SURESNES 92284, FRANCE, France ~72: MARSAS, Stéphanie;PEAN, Jean-Manuel~ 33:FR ~31:18/56769 ~32:20/07/2018

2021/00397 ~ Complete ~54:SYSTEM FOR IMPROVED ACCESS TO LIQUID IN A PLASTIC CONTAINER AND LID ASSEMBLY ~71:KW Container, 1 Sanders Road, TROY 36081, AL, USA, United States of America ~72: CAMPBELL, Kenny;RUKVINA, Keith;SCHOLL, Darren~ 33:US ~31:62/701,199 ~32:20/07/2018;33:US ~31:62/753,882 ~32:31/10/2018

2021/00377 ~ Complete ~54:SYNERGISTICALLY EFFECTIVE HERBICIDE COMPOSITION COMPRISING METOBROMURON AND CLOMAZONE ~71:BELCHIM CROP PROTECTION NV, Technologielaan 7, Belgium ~72: ADRIAANSEN, Peter;DESNOUCK, Johan;SCUDIERO, Vincenzo~ 33:BE ~31:2018/5460 ~32:02/07/2018

2021/00384 ~ Complete ~54:INFLUENZA VIRUS HEMAGGLUTININ MUTANTS ~71:MEDICAGO INC., 600 - 1020, ROUTE DE I'EGLISE, QUEBEC, QUÉBEC, G1V 3V9, CANADA, Canada ~72: COUTURE, Manon;D'AOUST, Marc-André;DOUCET, Alain;LAVOIE, Pierre-Olivier;LORIN, Aurélien~ 33:US ~31:62/690,780 ~32:27/06/2018

2021/00372 ~ Complete ~54:BREAK ANALYSIS APPARATUS AND METHOD ~71:BELRON INTERNATIONAL LIMITED, Milton Park Stroude Road, United Kingdom ~72: DANIEL, Gwen;FAROOQ, Abdul;HALES, Ian;HANSEN, Mark;SMITH, Melvyn~ 33:GB ~31:1608455.0 ~32:13/05/2016

2021/00386 ~ Complete ~54:INFLUENZA VIRUS HEMAGGLUTININ MUTANTS ~71:MEDICAGO INC., 600 - 1020, ROUTE DE I'EGLISE, QUEBEC, QUÉBEC, G1V 3V9, CANADA, Canada ~72: COUTURE, Manon;D'AOUST, Marc-André;DOUCET, Alain;LAVOIE, Pierre-Olivier;LORIN, Aurélien~ 33:US ~31:62/690,780 ~32:27/06/2018

2021/00405 ~ Complete ~54:MINIMIZATION OF BASE STATION TO BASE STATION INTERFERENCE IN TDD NETWORKS ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), 164 83, Sweden ~72: ASTELY, David;FAXÉR, Sebastian;SUNDBERG, Mårten~ 33:US ~31:62/716,783 ~32:09/08/2018

2021/00396 ~ Complete ~54:APPARATUS AND METHOD FOR APPLYING A PLURALITY OF TOP-ENGAGING CARRIERS TO GROUPS OF ARTICLES ~71:WestRock Packaging Systems, LLC, 1000 Abernathy Road NE, ATLANTA 30328, GA, USA, United States of America ~72: CHESNET, Lauren N.;KOOC, Linh L.;ZACHERLE, Matthew E.~ 33:US ~31:62/687,386 ~32:20/06/2018

2021/00399 ~ Complete ~54:INTER-FRAME PREDICTION METHOD AND DEVICE ~71:Huawei Technologies Co., Ltd., Huawei Administration Building, Bantian, Longgang District, SHENZHEN 518129, GUANGDONG, CHINA (P.R.C.), People's Republic of China ~72: XU, Weiwei;YANG, Haitao;ZHAO, Yin~ 33:CN ~31:201811109950.2 ~32:21/09/2018;33:IB ~31:2018/109233 ~32:01/10/2018;33:CN ~31:201811303754.9 ~32:02/11/2018

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2021/00418 ~ Complete ~54:TUMOR REDUCTION FORMULATIONS AND METHODS OF USE THEREOF ~71:Tyme, Inc., 1 Pluckemin Way, Suite 103, BEDMINSTER 07921, NJ, USA, United States of America ~72: HOFFMAN, Steven;ROTHMAN, John~ 33:US ~31:62/695,614 ~32:09/07/2018

2021/00419 ~ Complete ~54:GRAPHICAL USER INTERFACE SYSTEM ~71:Methodical Mind, LLC., 1601 Research Blvd., ROCKVILLE 20850, MD, USA, United States of America ~72: NG, Kin;OBEROI, Pankaj;PANG, Louis W.;ROQUES, Edward J.S.;SIGAL, George;VOCK, Michael;WOHLSTADTER, Jacob N.~ 33:US ~31:62/699,381 ~32:17/07/2018;33:US ~31:16/513,526 ~32:16/07/2019

2021/00416 ~ Complete ~54:ECTONUCLEOTIDASE INHIBITORS AND METHODS OF USE THEREOF ~71:Calithera Biosciences, Inc., 343 Oyster Point Boulevard, Suite 200, SOUTH SAN FRANCISCO 94080, CA, USA, United States of America ~72: BILLEDEAU, Roland Joseph;CHEN, Lijing;LI, Jim~ 33:US ~31:62/688,225 ~32:21/06/2018;33:US ~31:62/827,505 ~32:01/04/2019

2021/00412 ~ Provisional ~54:CONCEALED SELF-ALIGNING PRESSURE-PLATE CANTILEVER UMRELLA POST ANGLE BRACKET ~71:NEVIN, Michael Patrick, 19 Abbotsford Avenue, South Africa ~72: NEVIN, Michael Patrick~

2021/00414 ~ Complete ~54:DUAL MAGL AND FAAH INHIBITORS ~71:ABIDE THERAPEUTICS, INC., 10835 Road to the Cure, Suite 250, San Diego, California, 92121, United States of America ~72: CHERYL A

GRICE;JOHN J M WIENER;JUSTIN S CISAR;KATHARINE K DUNCAN;OLIVIA D WEBER;YU FENG~ 33:US ~31:62/470,830 ~32:13/03/2017

2021/00426 ~ Complete ~54:CELLS DIFFERENTIATED FROM IMMUNOENGINEERED PLURIPOTENT CELLS ~71:THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, 1111 Franklin Street, 12th Floor, Oakland, California, 94607, United States of America ~72: SONJA SCHREPFER;TOBIAS DEUSE~ 33:US ~31:62/698,965 ~32:17/07/2018;33:US ~31:62/698,973 ~32:17/07/2018;33:US ~31:62/698,978 ~32:17/07/2018;33:US ~31:62/698,981 ~32:17/07/2018;33:US ~31:62/698,984 ~32:17/07/2018

2021/00430 ~ Complete ~54:IL-17A BINDING PEPTIDES AND MEDICAL USES THEREOF ~71:DOMPE' FARMACEUTICI S.P.A., Via S. Martino della Battaglia, Italy ~72: ALLEGRETTI, Marcello;ARAMINI, Andrea;BECCARI, Andrea;GEMEI, Marica;MANTELLI, Flavio~ 33:EP ~31:18186029.7 ~32:27/07/2018

2021/00463 ~ Complete ~54:SAFETY APPARATUS AND METHOD ~71:ANDREAS NICOLAAS DE KOKER, 27 5TH STREET, LINDEN, RANDBURG, South Africa ~72: NICOLAAS JACOBUS PIENAAR~ 33:ZA ~31:2018/04887 ~32:25/07/2018

2021/00429 ~ Complete ~54:UE AND COMMUNICATION METHOD FOR SAME ~71:FG INNOVATION COMPANY LIMITED, Flat 2623, 26/F Tuen Mun Central Square, 22 Hoi Wing Road, Tuen Mun, New Territories, Hong Kong, People's Republic of China;SHARP KABUSHIKI KAISHA, 1, Takumi-cho Sakai-ku Sakai City, Osaka, 5908522, Japan ~72: MASAFUMI ARAMOTO;TSUYOSHI TAKAKURA~ 33:JP ~31:2018-117940 ~32:21/06/2018

2021/00421 ~ Complete ~54:AROMATIC MOLECULES FOR USE IN THE TREATMENT OF PATHOLOGICAL CONDITIONS ~71:XENIOPRO GMBH, Gundelhardtstrasse 20, Germany ~72: Jean-Baptiste GUALTIEROTTI;Olivier WAGNIÈRES;Roman MARTY;Verena KÜPPERS;Viktoria REINMÜLLER~

2021/00422 ~ Complete ~54:SYSTEM AND METHOD FOR MOISTURE MEASUREMENT ~71:CHRYSOS CORPORATION LIMITED, Waite Road, Australia ~72: TICKNER, James~ 33:AU ~31:2018902220 ~32:21/06/2018

2021/00428 ~ Complete ~54:AN EXERCISE APPARATUS AND METHOD THEREOF ~71:HANGZHOU GUDI LIFE TECHNOLOGY CO., LTD., Room 350,Floor 3, Nanhuan Road 4025, Bin jiang District, Hangzhou, Zhejiang, People's Republic of China ~72: QIAN YAO~ 33:CN ~31:201811111358.6 ~32:23/09/2018;33:CN ~31:201811621213.0 ~32:28/12/2018

2021/00431 ~ Complete ~54:SCISSOR JACK ~71:Derek John Gordon, 21 Joyce street, Randhart , Alberton, 1449, South Africa ~72: Derek John Gordon~ 33:ZA ~31:2018/05169 ~32:01/08/2018

2021/00410 ~ Provisional ~54:SUPPORT LINK FOR A CONVEYOR BELT ~71:Dale Holdings (Pty) Ltd, 41 Malta Street, Cosmo City Business Park, Cosmo City, South Africa ~72: DALE, Christopher;KRIEL, Francois;RAMSAY, Lyle~

2021/00413 ~ Complete ~54:ELECTROSURGICAL INSTRUMENT FOR FREEZING AND ABLATING BIOLOGICAL TISSUE ~71:CREO MEDICAL LIMITED, Creo House Unit 2, Beaufort Park, Beaufort Park Way, United Kingdom ~72: BURN, Patrick;CLEGG, Peter;HANCOCK, Christopher Paul;SHAH, Pallav;WHITE, Malcolm~ 33:GB ~31:1708725.5 ~32:01/06/2017

2021/00420 ~ Complete ~54:FALL PROTECTION DEVICE ~71:ENCOFRADOS J. ALSINA, S.A., Polígon Industrial Pla d'en Coll, Spain ~72: MARTIN IGLESIAS, Javier;XAMMAR BOVE, Pedro~

2021/00407 ~ Provisional ~54:SYSTEM CONFIGURATION FOR POWERING RESISTIVE HEATING ELEMENTS FROM DC POWER SOURCES THROUGH AC INVERTERS ~71:Neill Human, 15 Lobelia, South Africa ~72: Neill Human~

2021/00408 ~ Provisional ~54:LOCALIZED DATA BACKUP AND RECOVERY SYSTEM FOR MOBILE DEVICES ~71:Simphiwe Sibusiso Nxumalo, PO Box 8462, South Africa ~72: Simphiwe Sibusiso Nxumalo~

2021/00424 ~ Complete ~54:COLLOIDAL BARRIER MATERIALS AND METHODS OF MAKING AND USING THE SAME ~71:AGRICULTURAL UTILIZATION RESEARCH INSTITUTE, 510 County Road 71, Suite 120, Crookston, Minnesota, 56716, United States of America ~72: DOUGLAS ROOT;JIMMY GOSSE;MICHAEL STUTELBERG;RANAE JORGENSON~ 33:US ~31:62/697,120 ~32:12/07/2018;33:US ~31:16/508,424 ~32:11/07/2019

2021/00417 ~ Complete ~54:FILM FORMULATIONS CONTAINING DEXMEDETOMIDINE AND METHODS OF PRODUCING THEM ~71:ARx, LLC, 400 Seaks Run Road, GLEN ROCK 17327, PA, USA, United States of America;BioXcel Therapeutics, Inc., 780 East Main Street, BRANFORD 06405, CT, USA, United States of America ~72: BARNHART, Scott David;HANLEY, David Christian;KAKUMANU, Vasu Kumar;LATHIA, Chetan Dalpatbhai;YOCCA, Frank~ 33:US ~31:62/690,407 ~32:27/06/2018;33:US ~31:62/693,726 ~32:03/07/2018;33:US ~31:62/767,422 ~32:14/11/2018;33:US ~31:62/787,649 ~32:02/01/2019;33:US ~31:62/798,842 ~32:30/01/2019;33:US ~31:62/849,747 ~32:17/05/2019

2021/00425 ~ Complete ~54:CHIMERIC ANTIGEN RECEPTOR T CELLS DERIVED FROM IMMUNOENGINEERED PLURIPOTENT STEM CELLS ~71:THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, 1111 Franklin Street, 12th Floor, Oakland, California, 94607, United States of America ~72: SONJA SCHREPFER;TOBIAS DEUSE~ 33:US ~31:62/698,941 ~32:17/07/2018

2021/00409 ~ Provisional ~54:MAGNETIC DIPSTICK ~71:Pieter Roelof van Wyk, 742 Klipbank Street, Wingate Park, South Africa ~72: Pieter Roelof van Wyk~ 33:ZA ~31:1 ~32:19/01/2021

2021/00415 ~ Complete ~54:HIGH-AFFINITY, ISOFORM-SELECTIVE TGFß1 INHIBITORS AND USE THEREOF ~71:Scholar Rock, Inc., 301 Binney Street, 3rd Floor, CAMBRIDGE 02142, MA, USA, United States of America ~72: AVERY, Andrew;BUCKLER, Alan;CAPILI, Allan;CARVEN, Gregory J.;CHAPRON, Christopher;COOPER, Anthony;DAGBAY, Kevin B.;DATTA, Abhishek;JACKSON, Justin W.;LIN, Susan;LITTLEFIELD, Christopher;MARTIN, Constance;SALOTTO, Matthew;SCHURPF, Thomas;STEIN, Caitlin;WAWERSIK, Stefan~ 33:US ~31:62/696,752 ~32:11/07/2018;33:US ~31:62/718,196 ~32:13/08/2018;33:US ~31:62/737,534 ~32:27/09/2018;33:US ~31:62/758,180 ~32:09/11/2018;33:US ~31:62/810,263 ~32:25/02/2019;33:US ~31:62/827,552 ~32:01/04/2019

2021/00411 ~ Provisional ~54:WORD OF MOUTH MARKETING ~71:Pieter Roelof van Wyk, 742 Klipbank Street, Wingate Park, South Africa ~72: Pieter Roelof van Wyk~

2021/00423 ~ Complete ~54:STABILIZED AMORPHOUS CALCIUM PHOSPHATE DOPED WITH FLUORIDE IONS AND A PROCESS FOR PRODUCING THE SAME ~71:CURASEPT A.D.S. S.R.L., Via Giuseppe Parini, 19A, 21047, Saronno, Italy ~72: ANNA TAMPIERI;MICHELE IAFISCO~ 33:IT ~31:102018000006753 ~32:28/06/2018

2021/00427 ~ Complete ~54:VENTILATION MASK ~71:VYAIRE MEDICAL, INC., 26125 N. Riverwoods Blvd., Mettawa, Illinois, 60045, United States of America ~72: CHRISTOPHER M VARGA;DENNIS WHITE;RYAN G REDFORD;THOMAS DILLINGHAM~ 33:US ~31:62/712,933 ~32:31/07/2018;33:US ~31:62/773,820 ~32:30/11/2018

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2021/00437 ~ Complete ~54:PLANT SUBSTRATE GROWING MEDIUM ~71:VERITAS SUBSTRATES, LLC, 342 Green Valley Road, United States of America ~72: JOHNSTON, David;NELSON, Daniel Steven;NELSON, Michael Dean;NELSON, Scott Charles;NELSON, Steven Douglas~ 33:US ~31:16/018,961 ~32:26/06/2018

2021/00444 ~ Complete ~54:COMPOSITIONS AND METHODS OF INHIBITING MASP-2 FOR THE TREATMENT OF VARIOUS THROMBOTIC DISEASES AND DISORDERS ~71:Omeros Corporation, 201 Elliott Avenue West, SEATTLE 98119, WA, USA, United States of America ~72: DEMOPULOS, Gregory A.;DUDLER, Thomas;NILSSON, Bo~ 33:US ~31:62/688,611 ~32:22/06/2018

2021/00433 ~ Provisional ~54:ROCK BOLT ~71:SWEMMER, Theodore Daniel, 17 Sawgrass Avenue, Silverlakes Golf Estate Gol, South Africa ~72: SWEMMER, Theodore Daniel~

2021/00442 ~ Complete ~54:BICYCLIC PEPTIDE LIGANDS SPECIFIC FOR NECTIN-4 ~71:BICYCLETX LIMITED, Building 900 Babraham Research Campus, Cambridge, CB22 3AT, United Kingdom ~72: GEMMA ELIZABETH MUDD;KATERINE VAN RIETSCHOTEN;LIUHONG CHEN;MICHAEL RIGBY;PAUL BESWICK;PETER PARK~ 33:GB ~31:1810250.9 ~32:22/06/2018;33:GB ~31:1815684.4 ~32:26/09/2018;33:GB ~31:1818499.4 ~32:13/11/2018;33:GB ~31:1904632.5 ~32:02/04/2019

2021/00434 ~ Complete ~54:COMPOSITIONS AND METHODS FOR THE INDUCTION OF CD8+ T-CELLS ~71:KEIO UNIVERSITY, 15-45, Mita 2-chome, Minato-ku, Tokyo, Japan;THE UNIVERSITY OF TOKYO, 3-1, Hongo 7-chome, Bunkyo-ku, Tokyo, Japan ~72: HATTORI Masahira;HONDA Kenya;KAWAKAMI Yutaka;TANOUE Takeshi~ 33:US ~31:62/438793 ~32:23/12/2016;33:US ~31:62/484607 ~32:12/04/2017;33:US ~31:62/491062 ~32:27/04/2017;33:US ~31:62/574446 ~32:19/10/2017

2021/00446 ~ Complete ~54:METHOD FOR DIRECT INOCULATION OF A BROTH FROM A SOURCE SUSPENSION ~71:BD Kiestra B.V., Marconilaan 6, DRACHTEN 9207 JC, THE NETHERLANDS, Netherlands;HANSEN, Timothy Roy, 6051 Hayrick Road, SPRING GROVE 17362, PA, USA, United States of America ~72: BOIS, Michael;HANSEN, Timothy Roy;KLEEFSTRA, Martijn;WILES, Timothy M.;YU, Charles Chak Cheung~ 33:US ~31:62/689,419 ~32:25/06/2018

2021/00453 ~ Provisional ~54:COVID-19 URINE TESTER ~71:MICHEL MACHETE, 14751 TJABADI STREET, MAMELODI EAST, South Africa;THABISO LEMAO, 14470 RAMAPATE ST, MAMELODI EAST, South Africa ~72: MICHEL MACHETE ;THABISO LEMAO ~

2021/00439 ~ Complete ~54:CLOVE-CONTAINING AEROSOL-GENERATING SUBSTRATE ~71:PHILIP MORRIS PRODUCTS S.A., Quai Jeanrenaud 3, Switzerland ~72: DEFOREL, Corinne;LANG, Gerhard;LESUFFLEUR, Céline;VUARNOZ-BIZE, Aline~ 33:EP ~31:18199205.8 ~32:08/10/2018

2021/00451 ~ Complete ~54:ATTACHABLE TRACK SHOE COVER ~71:CATERPILLAR INC., 100 NE Adams Street Peoria, United States of America ~72: JONES, Benjamin;PREST, Paul~ 33:US ~31:16/043,614 ~32:24/07/2018

2021/00432 ~ Provisional ~54:BEAUTIIFY ~71:Abdul Ahad Hoosen, 7 Fish Eagle, Forrest Oaks Avenue, South Africa;Saahirah Ally, 7 Fish Eagle, Forrest Oaks Avenue, South Africa ~72: Abdul Ahad Hoosen;Saahirah Ally~ 33:ZA ~31:AAFXBJ ~32:20/01/2021

2021/00441 ~ Complete ~54:SYSTEM AND METHOD FOR CASCADING ALIGNMENT OF INDEPENDENT DRIVE SYSTEMS ~71:VALMONT INDUSTRIES, INC., One Valmont Plaza, United States of America ~72: MOELLER, Mark;THATCHER, Tracy A.~ 33:US ~31:62/744,388 ~32:11/10/2018

2021/00452 ~ Complete ~54:NOISE MONITORING METHOD AND SYSTEM BASED ON SOUND SOURCE IDENTIFICATION ~71:HARBIN INSTITUTE OF TECHNOLOGY, SHENZHEN, HIT Campus of University Town of Shenzhen, Taoyuan Street, Nanshan District Shenzhen, People's Republic of China ~72: CAO, Han;LIANG, Hong;TAO, Zhixiang;XING, Chen;XU, Yong;XU, Yuan;YANG, Ming;YU, Lei;ZHANG, Mingdi~ 33:CN ~31:201810649429.1 ~32:22/06/2018

2021/00438 ~ Complete ~54:SIDE UNLOADING HOPPER CONTAINER FOR BREAK BULK CARGO ~71:CRRC TAIYUAN CO., LTD, No. 129 Xinghua West Street, People's Republic of China ~72: JING, Shengshou;LI, Peng;LIU, Wensheng;XIE, Jianfeng;ZHANG, Chunfa;ZHAO, Zuxing~ 33:CN ~31:201811039125.X ~32:06/09/2018

2021/00447 ~ Complete ~54:ULTRASONIC SENSOR ARRANGEMENT ~71:Sensus Spectrum LLC, 637 Davis Drive, MORRISVILLE 27560, NC, USA, United States of America ~72: MÜLLER, Frank;PFEIFFER, Andreas~ 33:EP ~31:18180016.0 ~32:27/06/2018;33:DE ~31:10 2018 126 610.3 ~32:25/10/2018

2021/00449 ~ Complete ~54:GENERATING AGRONOMIC YIELD MAPS FROM FIELD HEALTH IMAGERY ~71:The Climate Corporation, 201 3rd Street #1100, SAN FRANCISCO 94103, CA, USA, United States of America ~72: BLASIAK, Dariusz Andrzej;BONES, Tavis Easton;DUMSTORFF, Patrick Lee;JOHANNESSON, Gardar;KHADKA, Pramithus;KREIG, Alex Raymond;LEE, Wayne Tai;LYONS, Michael Joseph;MARLOW, Michael Peter;PLATTNER, Kyle;SMOOT, Seth Robert~ 33:US ~31:62/703,798 ~32:26/07/2018

2021/00464 ~ Complete ~54:FENCING APPARATUS AND FENCING TECHNIQUES ~71:WIREMAN PTY LIMITED, 102/20 Alfred Street, Australia ~72: LOWREY, Ian;OLD, Fraser Patison~ 33:AU ~31:2018903459 ~32:14/09/2018;33:AU ~31:2019900744 ~32:07/03/2019

2021/00435 ~ Complete ~54:REGULATION OF GENE EXPRESSION USING ENGINEERED NUCLEASES ~71:SANGAMO THERAPEUTICS, INC., Point Richmond Tech Center, 501 Canal BlvdSuite A100 Richmond, United States of America ~72: MILLER, Jeffrey, C.;REBAR, Edward, J.~ 33:US ~31:62/378,978 ~32:24/08/2016;33:US ~31:62/443,981 ~32:09/01/2017;33:US ~31:62/545,778 ~32:15/08/2017

2021/00443 ~ Complete ~54:BICYCLIC PEPTIDE LIGANDS SPECIFIC FOR NECTIN-4 ~71:BICYCLETX LIMITED, Building 900 Babraham Research Campus, Cambridge, CB22 3AT, United Kingdom ~72: GEMMA ELIZABETH MUDD;KATERINE VAN RIETSCHOTEN;LIUHONG CHEN;MICHAEL RIGBY;PAUL BESWICK;PETER PARK~ 33:GB ~31:1810250.9 ~32:22/06/2018;33:GB ~31:1815684.4 ~32:26/09/2018;33:GB ~31:1818499.4 ~32:13/11/2018;33:GB ~31:1904632.5 ~32:02/04/2019

2021/00440 ~ Complete ~54:OPTIMIZED 3-PHYTASE AND ITS USE IN FOOD OR FEED PRODUCTION ~71:CLARIANT PRODUKTE (DEUTSCHLAND) GMBH, Brüningstrasse 50, Germany ~72: CLAREN, Jörg;EISELE, Thomas;GEBHARDT-WEIDL, Gabi;GRAEBER, Martin;HOESL, Michael;JOCHENS, Helge;O'CONNELL, Timothy;REISINGER, Christoph;ROECHER, Lutz;SCHATTE, Martin;STUERMER, Werner;WALLRAPP, Frank~ 33:EP ~31:18188107.9 ~32:08/08/2018

2021/00436 ~ Complete ~54:PHENOXY(HETERO)ARYL ETHERS OF ANTIPROLIFERATIVE ACTIVITY ~71:XENIOPRO GMBH, Gundelhardtstrasse 20, Germany ~72: Jean-Baptiste GUALTIEROTTI;Olivier WAGNIÈRES;Roman MARTY;Verena KÜPPERS;Viktoria REINMÜLLER~

2021/00445 ~ Complete ~54:EXON SKIPPING OLIGOMERS FOR MUSCULAR DYSTROPHY ~71:Sarepta Therapeutics, Inc., 215 First Street, CAMBRIDGE 02142, MA, USA, United States of America ~72: SCHNELL, Frederick Joseph;SOMMELET, Anat~ 33:US ~31:62/711,215 ~32:27/07/2018;33:US ~31:62/868,003 ~32:28/06/2019

2021/00448 ~ Complete ~54:IMAGE SAMPLING FOR VISUAL INSPECTION ~71:Amgen Inc., Law Department - Patent Operations, One Amgen Center Drive, THOUSAND OAKS 91320-1799, CA, USA, United States of America ~72: RYAN, Killian~ 33:US ~31:62/736,975 ~32:26/09/2018

2021/00450 ~ Complete ~54:BLADDER FLUSHING MONITORING DEVICE AND MONITORING METHOD THEREOF ~71:JIANGSU PROVINCE HOSPITAL (THE FIRST AFFILIATED HOSPITAL OF NANJING MEDICAL UNIVERSITY), CHEN Qingli No.300 Guangzhou Road Nanjing, People's Republic of China ~72: CHEN, Qingli~ 33:CN ~31:PCT/CN2019/077522 ~32:08/03/2019

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2021/00459 ~ Complete ~54:ANTI-CD19 ANTIBODY FORMULATIONS ~71:MORPHOSYS AG, Semmelweisstrasse 7, 82152, Martinsried/Planegg, Germany ~72: ANDREAS LANGER;BODO BROCKS;DANIEL WEINFURTNER;MARTIN HESSLING;PATRICK GARIDEL~ 33:EP ~31:16176322.2 ~32:27/06/2016

2021/00466 ~ Complete ~54:USE OF GRAM NEGATIVE SPECIES TO TREAT ATOPIC DERMATITIS ~71:THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, Office of Technology Transfer, National Institute of Health 6011 Executive Boulevard, Suite 325, United States of America ~72: DATTA, Sandip K.;MYLES, Ian Antheni~ 33:US ~31:16/042,939 ~32:23/07/2018

2021/00456 ~ Complete ~54:SHAPED FENCE ~71:COCHRANE GULF FZE, 901 Suntech Tower, Silicon Oasis, United Arab Emirates ~72: BUCARIZZA, Vlado~

2021/00476 ~ Complete ~54:SYSTEMS AND METHODS FOR PRODUCING GENE THERAPY FORMULATIONS ~71:Voyager Therapeutics, Inc., 75 Sidney Street, CAMBRIDGE 02139, MA, USA, United States of America ~72: CARDINAL, Jacob J.;CARROLL, Jenna;CARTER, Todd;GAMBA-VITALO, Christina;HERSCH, Steven M.;HURWIT, Daniel S.;KARPES, Lori B.;LUTHER, Matthew;MORRISON, Christopher J.;SAH, Dinah Wen-yee;STEININGER, Robert;THOMPSON, Jeffrey S.;WOOD, Andrew M.;ZHOU, Pengcheng~ 33:US ~31:62/702,679 ~32:24/07/2018;33:US ~31:62/702,687 ~32:24/07/2018;33:US ~31:62/725,432 ~32:31/08/2018;33:US ~31:62/741,508 ~32:04/10/2018;33:US ~31:62/794,199 ~32:18/01/2019;33:US ~31:62/794,212 ~32:18/01/2019;33:US ~31:62/794,213 ~32:18/01/2019;33:US ~31:62/826,363 ~32:29/03/2019;33:US ~31:62/839,880 ~32:29/04/2019

2021/00465 ~ Complete ~54:TEREPHTHALIC ACID ESTERS FORMATION ~71:9449710 CANADA INC., 480 Fernand-Poitras Street, Terrebonne, Canada ~72: ESSADDAM, Adel;ESSADDAM, Fares~ 33:US ~31:62/689,597 ~32:25/06/2018

2021/00469 ~ Complete ~54:ESCHERICHIA COLI COMPOSITIONS AND METHODS THEREOF ~71:PFIZER INC., 235 East 42nd Street, United States of America ~72: ANDERSON, Annaliesa Sybil;CHEN, Wei;CHORRO, Laurent Oliver;CHU, Ling;DONALD, Robert G. K;GU, Jianxin;KIM, Jin-Hwan;KODALI, Srinivas;LOMBERK, Scott Ellis;LOTVIN, Jason Arnold;MERCHANT, Nishith;MORAN, Justin, Keith;PAN, Rosalind;PRASAD, Avvari, Krishna;RUPPEN, Mark, Edward;SINGH, Suddham;TAKANE, Karen Kiyoko~ 33:US ~31:62/722,370 ~32:24/08/2018;33:US ~31:62/784,940 ~32:26/12/2018;33:US ~31:62/881,361 ~32:31/07/2019

2021/00485 ~ Complete ~54:PYRIMIDINE COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS FOR PREVENTING OR TREATING CANCERS INCLUDING THE SAME ~71:HANMI PHARM. CO., LTD., 214, Muha-ro, Paltan-myeon, Hwaseong-si, Gyeonggi-do, 18536, Republic of Korea ~72: IN HWAN BAE;JAE YUL CHOI;JI SOOK KIM;KWEE HYUN SUH;SEOK JONG KANG;YOUNG GIL AHN~ 33:KR ~31:10-2018-0086768 ~32:25/07/2018

2021/00486 ~ Complete ~54:PESTICIDAL MIXTURES COMPRISING INDAZOLES ~71:FMC CORPORATION, 2929 Walnut Street, Philadelphia, Pennsylvania, 19104, United States of America ~72: WENMING ZHANG~ 33:US ~31:62/698,035 ~32:14/07/2018;33:US ~31:62/778,992 ~32:13/12/2018

2021/00479 ~ Complete ~54:SALT OF MONOCHLOROACETIC ACID WITH CHELATING AGENT FOR DELAYED ACIDIFICATION IN THE OIL FIELD INDUSTRY ~71:Nouryon Chemicals International B.V., Velperweg 76, ARNHEM NL-6824 BM, THE NETHERLANDS, Netherlands ~72: KOOIJMAN, Cornelis;LEON MATHEUS, Maria Antonieta;SCHUTTE, Jannes;VAN LARE, Cornelis Elizabeth Johannus~ 33:EP ~31:18179849.7 ~32:26/06/2018

2021/00481 ~ Complete ~54:AUDIOVISUAL COLLABORATION SYSTEM AND METHOD WITH SEED/JOIN MECHANIC ~71:Smule, Inc., 139 Townsend Street, Suite 300, SAN FRANCISCO 94107, CA, USA, United States of America ~72: COOK, Perry R.;SLOBODIEN, Andrea;SMITH, Jeffrey C.;STEINWEDEL, David~ 33:US ~31:62/692,129 ~32:29/06/2018;33:US ~31:16/418,659 ~32:21/05/2019

2021/00483 ~ Complete ~54:METHOD OF DETERMINING AN ANGLE OF A TOOL OF A MACHINE ~71:LIEBHERR-MINING EQUIPMENT COLMAR SAS, 49 rue Frédéric Hartmann, France ~72: JAEGY, Adrien~ 33:DE ~31:10 2018 118 147.7 ~32:26/07/2018

2021/00487 ~ Complete ~54:LIQUID LEVEL AND AIR PRESSURE DETECTION SYSTEM AND CLEANING AND DISINFECTION CABINET ~71:LAOKEN MEDICAL TECHNOLOGY CO., LTD, CHANG, Xianghui 211 Gangtong North 3rd Road, North Modern Industry Area, Pixian Chengdu, People's Republic of China ~72: LI, Zuoyun;LIU, Xia;WANG, Pengcheng;ZHANG, Jin;ZHANG, Junchuan~ 33:CN ~31:201810816251.5 ~32:24/07/2018

2021/00454 ~ Provisional ~54:GRAVES HOLE DIGGING IN RURAL/REMOTE AREAS ~71:Sandisiwe Mkoka, 33097 Hadi Crescent, Makhaza, South Africa ~72: Sandisiwe Mkoka~

2021/00462 ~ Complete ~54:HUT-TYPE REEF BODY FOR CONSTRUCTING ARTIFICIAL REEF MOUNTAIN ~71:SHANGHAI OCEAN UNIVERSITY, No. 999 Hucheng Ring Rd, Pudong New District, People's Republic of China ~72: CHEN, Ling;HAN, Xudong;LIN, Yuan;LIU, Chang;XIAO, Yunsong;ZHANG, Shouyu~

2021/00474 ~ Complete ~54:THIADIAZINE DERIVATIVES ~71:RICHTER GEDEON NYRT., GyÖmrÖİ Út 19-21., Hungary ~72: ÉLES, János;GÁBOR, Eszter;JABLONKAI, Erszébet;LÉVAY, György István;LEDNECZKI, István;NÉMETHY, Zsolt;PETRO, József Levente;SELÉNYI, György;TAPOLCSÁNYI, Pál;VISEGRÁDI, András~ 33:HU ~31:P1800249 ~32:13/07/2018

2021/00467 ~ Complete ~54:COMBINATION THERAPY ~71:ADC THERAPEUTICS SA, Biopôle, route de la Corniche 3b, Switzerland;MEDIMMUNE LIMITED, Milstein Building, Granta Park, United Kingdom ~72: BERTONI, Francesco;ZAMMARCHI, Francesca~ 33:GB ~31:1814207.5 ~32:31/08/2018;33:GB ~31:1908225.4 ~32:10/06/2019

2021/00461 ~ Complete ~54:LOCKING MECHANISM ~71:SUPERIOR LOAD COVER (PTY) LTD, Unit 3, 6 Gamka Street, Stikland, Bellville, Cape Town, Western Cape, South Africa ~72: HEINRICH LUDWIG PRIMIC~ 33:ZA ~31:2019/07049 ~32:25/10/2019

2021/00470 ~ Complete ~54:MR1 RESTRICTED T CELL RECEPTORS FOR CANCER IMMUNOTHERAPY ~71:UNIVERSITÄT BASEL, Petersgraben 35, Switzerland ~72: DE LIBERO, Gennaro;LEPORE, Marco;MORI, Lucia~ 33:EP ~31:18194025.5 ~32:12/09/2018

2021/00457 ~ Complete ~54:A METHOD FOR CONTROLLING CRAYFISH TO SURVIVE THE SUMMER SAFELY CULTURED IN SOUTHERN CHINA PADDY FIELDS ~71:Pearl River Fisheries Research Institute of Chinese Academy of Fishery Science, No.1 Xingyu Road, Xilang, Liwan District, Guangzhou, People's Republic of China ~72: Ermeng Yu;Guangjun Wang;Jingjing Tian;Jun Xie;Kai Zhang;Lijuan Jia;Wangbao Gong;Yun Xia;Zhifei Li~ 33:CN ~31:202011490692.4 ~32:17/12/2020

2021/00471 ~ Complete ~54:ELECTRONIC REGISTRATION SYSTEM ~71:JVE NHBRC SOLUTIONS (PTY) LTD, Unit 1&2, Rust + Vrede Business Square, 21 Church Street, South Africa ~72: Johan VAN EEDEN~

2021/00475 ~ Complete ~54:SPIROCHROMANE DERIVATIVES ~71:RICHTER GEDEON NYRT., GyÖmrÖİ Út 19-21., Hungary ~72: ÉLES, János;DUDÁSNÉ; MOLNÁR, Katalin;HORVÁTH, Anita;LÉVAY, György István;LEDNECZKI, István;NÉMETHY, Zsolt;TAPOLCSÁNYI, Pál~ 33:HU ~31:P1800248 ~32:13/07/2018

2021/00455 ~ Provisional ~54:ECO BAGS ~71:Deepak Ramsunder, 43 HYDE PARK, 851 PETRICK AVN, South Africa ~72: Deepak Ramsunder;Deepak Ramsunder~

2021/00460 ~ Complete ~54:ANTI-CD19 ANTIBODY FORMULATIONS ~71:MORPHOSYS AG, Semmelweisstrasse 7, 82152, Martinsried/Planegg, Germany ~72: ANDREAS LANGER;BODO BROCKS;DANIEL WEINFURTNER;MARTIN HESSLING;PATRICK GARIDEL~ 33:EP ~31:16176322.2 ~32:27/06/2016

2021/00473 ~ Complete ~54:PRODUCTION PROCESS OF FUMARIC ACID ~71:ANHUI XUELANG BIOTECHNOLOGY CO., LTD., NO. 6 Jinhuang Road, Mohekou Industrial Park, Huaishang District, Bengbu, Anhui, People's Republic of China ~72: Ming HOU;Yan ZHANG~

2021/00468 ~ Complete ~54:APPARATUS, METHOD AND COMPUTER PROGRAM FOR EMERGENCY CALL ~71:NOKIA TECHNOLOGIES OY, KARAKAARI 7, 02610 ESPOO, FINLAND, Finland ~72: WON, Sung, Hwan~

2021/00478 ~ Complete ~54:METHOD AND DEVICE FOR ASCERTAINING THE LATERAL STRIP CONTOUR OR THE POSITION OF THE STRIP EDGES OF A RUNNING METAL STRIP ~71:Primetals Technologies Austria GmbH, Turmstraße 44, LINZ 4031, AUSTRIA, Austria ~72: MOSER, Friedrich~ 33:EP ~31:18185390.4 ~32:25/07/2018

2021/00480 ~ Complete ~54:LUMA INTRA MODE SIGNALING ~71:Huawei Technologies Co., Ltd., Huawei Administration Building, Bantian, Longgang District, SHENZHEN 518129, GUANGDONG PROVINCE, CHINA (P.R.C.), People's Republic of China ~72: CHEN, Jianle;ESENLIK, Semih;GAO, Han;KOTRA, Anand Meher;KRASNOV, Ivan;WANG, Biao;ZHAO, Zhijie~ 33:US ~31:62/696,739 ~32:11/07/2018

2021/00482 ~ Complete ~54:AROMATIC MOLECULES FOR USE IN THE TREATMENT OF PATHOLOGICAL CONDITIONS ~71:XENIOPRO GMBH, Gundelhardtstrasse 20, Germany ~72: Jean-Baptiste GUALTIEROTTI;Olivier WAGNIÈRES;Roman MARTY;Verena KÜPPERS;Viktoria REINMÜLLER~

2021/00484 ~ Complete ~54:CRYSTAL OF BENZOXAZOLE DERIVATIVE ~71:MEIJI SEIKA PHARMA CO., LTD., 4-16, Kyobashi 2-chome Chuo-ku, Tokyo, 1048002, Japan ~72: KEIJI TAMURA;KO KUMURA;MICHIKO TAKAHASHI;TAKASHI WATANABE~ 33:JP ~31:2018-121413 ~32:27/06/2018

2021/00458 ~ Complete ~54:HIGH TEMPERATURE SWITCH APPARATUS ~71:General Equipment and Manufacturing Company, Inc. d/b/a Topworx, Inc., 3300 Fern Valley Road, LOUISVILLE 40213, KT, USA, United

States of America ~72: KLOSTERMAN, Anthony Wayne;LAFOUNTAIN, Robert L.;SIMMONS, Michael John~ 33:US ~31:62/965,629 ~32:24/01/2020;33:US ~31:16/796,570 ~32:20/02/2020

2021/00472 ~ Complete ~54:BIOSENSOR FOR MALE INFERTILITY ~71:SPERMOSENS AB, Medicon Village, Scheeletorget 1, Sweden ~72: PUNYANI, Kushagr;SRIVASTAVA, Sudha;TAKWA, Mohamad~ 33:EP ~31:18190720.5 ~32:24/08/2018

2021/00477 ~ Complete ~54:HETEROBICYCLIC COMPOUNDS FOR INHIBITING THE ACTIVITY OF SHP2 ~71:Otsuka Pharmaceutical Co., Ltd., 2-9, Kanda Tsukasa-machi, Chiyoda-ku, TOKYO 1018535, JAPAN, Japan;Taiho Pharmaceutical Co., Ltd., 1-27, Kandanishiki-cho, Chiyoda-ku, TOKYO 1018444, JAPAN, Japan ~72: DAY, James Edward Harvey;HOWARD, Steven;JOHNSON, Christopher Norbert;KATO, Ryo;LIEBESCHUETZ, John Walter;MITA, Takashi;MIURA, Risako;OGAWA, Takahiro;SAGARA, Yufu;SHIMAMURA, Tadashi;ST. DENIS, Jeffrey David~ 33:JP ~31:2018-138244 ~32:24/07/2018

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

No records available

CHANGE OF NAME IN TERMS OF REGULATION 39

No records available

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

No records available

PATENT APPLICATIONS ABANDONED OR WITHDRAWN

No records available

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 for **CARBONTRACK PTY LTD OF** that made application for the Restoration of the Patent granted to said**. CARBONTRACK PTY LTD** for an invention entitled **INTERFACE DEVICE FOR AN ENERGY HARVESTING SYSTEM** which became void on **12/10/2018** owing to the non-payment of the prescribed renewal fee.

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

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Notice is hereby given for **BRAVO GROUP SLEEP PRODUCTS-A DIVISION OF BRAVO GROUP MANUFACTURING PTY LIMITED OF DM KISCH T/A KISCH IP 87 FRIKKIE DE BEER STREET, PRETORIA. 0001** that made application for the Restoration of the Patent granted to said **BRAVO GROUP SLEEP PRODUCTS-A DIVISION OF BRAVO GROUP MANUFACTURING PTY LIMITED** an invention entitled **A**

SUPPORT BRACKET numbered **2013/00560** dated **22/01/2016** which became void on **22/01/2016** owing to the non-payment of the prescribed renewal fee.

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

Notice is hereby given for **JOLUKI TRUST (IT2052) OF DEON DEBEER, WILLOW WOOD OFFICVE PARK, CNR 3RD AVENUE & CEDAR ROAD, BRODACRES ROAD, 2021, 0001** that made application for the Restoration of the Patent granted to said **JOLUKI TRUST** for an invention entitled **TEXTILE** numbered **2015/05190** dated **20/07/2015** which became void on **20/07/2015** which became void on the **201/07/2020** owing to the non-payment of the prescribed renewal fee.

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

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Notice is hereby given **DOW AGROSCIENCES LLC OF ADAMS & ADAMS, 1140 PROSPECT BSTREETR, PRETORIA 0001** that made application for the Restoration of the Patent granted to said **DOW AGROSCIOENCES LLC** an invention **MOLECULES HAVING PESTICIDAL UTILITY, AND INTERMEDIATES, COMPOSITIONS, AND PROCESSES, RELATED THERETO** numbered **2017/06383** dated **07/04/2017** which became void **07/04/2020 o**wing to the non-payment of the prescribed renewal fee.

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

Notice is hereby given **RHEINMETALL LANDSYSTENE OF DENMEYER & ASSOCIATES, PATENT ATTORNEY, SIUTE 415 HYDE PARK CORNER OFFICES, HAYDE PARK. JOHANNESBURG** that made application for the Restoration of the Patent granted to said **RHEINMETALL LANDSYSTEME GMBH** an invention **PROTECTIVE DEVICE AGAINST CHARGES FORMING A PROEJCTILE** numbered **2012/01539** dated **28/08/2012** which became void **28/08/2019** owing to the non-payment of the prescribed renewal fee.

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

Notice is hereby given **CMTI CONSULTING (PTY) LTD OF DM KISCH INC., T/A KISCH IP, 87 FRIKKIE DE BEER STREE, PRETORIA 0001** that made application for the Restoration of the Patent granted to said **CMTI CONSULTING (PTY) LTD** an invention **MINING APPARATUS** numbered **2016/06854** dated **06/10/2016** which became void **06/10/2019** owing to the non-payment of the prescribed renewal fee.

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

THE PATENTS ACT, No. 57 OF 1978

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

No records available

APPLICATIONS TO AMEND SPECIFICATION

THE PATENTS ACT, 1978

APPLICATIONS TO AMEND SPECIFICATION

Applicant: DIOGENES LIMITED., P O BOX 227,CLINCH'S HOUSE LORD STREET, DOUGLAS IM 991R2, ISLE OF MAN, UNITED KINGDOM. request permission to amend the specification of letters: **06/03/2015** Patent Application No: **2015/01552** for **WAGERING APPARATUS, METHODS AND SYSTEMS.**

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

Any notice of opposition (on patent Form 19) must be closed at the Patent Office within 2 months from the date hereof.

Registrar of Patents

Applicant: HANMI PHARM. CO., LTD., 214, MUHA-RO, PALTAN-MYEON, HWASEONG-SI, GYEONGGI-DO,445-958, REPUBLIC OF KOREA. request permission to amend the specification of letters:**20/12/2016** Patent Application No:**2016/08767** for **COMPOSITION FOR TRAETING DIABETES MELLITUS COMPRISING INSULIN AND A GLP-/GLUCAGON DUAL AGONIST.**

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

Any notice of opposition (on patent Form 19) must be closed at the Patent Office within 2 months from the date hereof.

Registrar of Patents

PERI GMBH., RUDOLF-DIESEL-STRASSE 19 89264, WEISSENHORN, GERMANY.
request permission to amend the specification of letters:**25/10/2018** Patent Application No:**2018/07126** for **SAFETY POST.**

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

Any notice of opposition (on patent Form 19) must be closed at the Patent Office within 2 months from the date hereof.

Registrar of Patents

INSPECTION OF SPECIFICATIONS

A complete specification may, after acceptance is advertised, be inspected during office hours at the Patent Office, Pretoria, at a charge of **R4, 00.** Please note, that in terms of section 43 (3) if the acceptance of an application which claims priority in terms of section 31 (1) (c) is not published in terms of section 42 within 18 months from the earliest priority claimed from the relevant application in a convention country, it shall be opened to public inspection after the expiration of 18 months from the earliest priority so claimed.

COPIES OF DOCUMENTS

The Patent Office, Private Bag X400, Pretoria, supplies copies of all patent and trade mark documents at the following rate:

Photocopies: **R1, 00 per page**

(Payment to be affected by means of revenue stamps only.)

COMPLETE SPECIFICATIONS ACCEPTED AND ABRIDGEMENTS OR ABSTRACTS THEREOF

Complete specifications in respect of the under mentioned applications for letters Patent have been accepted by the Registrar of Patents.

THE PATENTS ACT, 1978 (ACT NO. 57 OF 1978)

In terms of section 42 (b) of the Patents Act, 1978, a patent shall be deemed to have been sealed and granted as from the date of publication of the acceptance.

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

Registrar of Patents

21: 2013/09263. 22: 2013/12/09. 43: 2020/11/13
51: C04B; C22C
71: Diamond Innovations, Inc.
72: MALIK, Abds-Sami, PALMER, Jacob
33: US 31: 61/499,352 32: 2011-06-21
54: COMPOSITE COMPACTS FORMED OF CERAMICS AND LOW-VOLUME CUBIC BORON NITRIDE AND METHOD OF MANUFACTURE
00: -
A composite compact formed by sintering, at high temperature/high pressure, a composition including cBN in a range of about 5 to about 60 vol. %, zirconia (or in the range about 5 to about 20 vol. %), and other ceramic material. Subsequent to sintering, the zirconia exists in the cubic phase and/or tetragonal phase. The zirconia may be either stabilized or unstabilized prior to sintering. The other ceramic material may include one or more of nitrides, borides, and carbides of Ti, Zr, Hf, Al, Si, or Al

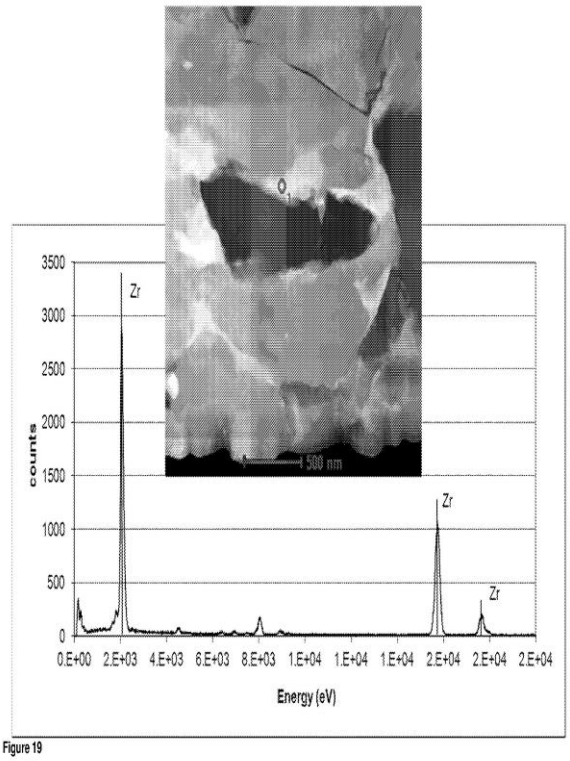


Figure 19

21: 2014/01709. 22: 2014/03/07. 43: 2020/10/27
51: B02C
71: Sandvik Intellectual Property AB
72: LINDBERG, Mikael, HANSSON, Jonny, NILSSON-WULFF, Torbjörn, CHRISTOFFERSSON, Andreas
54: GYRATORY CRUSHER OUTER CRUSHING SHELL
00: -
A gyratory crusher outer crushing shell. The outer shell comprises three regions along its axial length including: an inlet region that tapers radially inward from an uppermost first end; a crushing region that extends radially inward from a second lowermost 5 end and; a radially innermost shoulder region that is positioned axially between the inlet and crushing regions. An angle of inclination of a radially inward facing surface at the inlet and shoulder regions and the axial length of the crushing surface are designed to optimize crushing capacity in addition maximising reduction.

21: 2015/01179. 22: 20/02/2015. 43: 2020/11/13
51: C12N
71: NISSAN CHEMICAL INDUSTRIES, LTD., A CORPORATION DULY ORGANIZED AND EXISTING UNDER THE LAWS OF JAPAN, KYOTO UNIVERSITY
72: TAITO NISHINO, TATSURO KANAKI, AYAKO OTANI, KOICHIRO SARUHASHI, MISAYO TOMURA, TAKEHISA IWAMA, MASATO HORIKAWA, NORIO NAKATSUJI, TOMOMI OTSUJI
33: JP 31: 2012-164227 32: 2012-07-24
33: JP 31: 2012-263801 32: 2012-11-30
33: JP 31: 2013-017836 32: 2013-01-31
54: CULTURE MEDIUM COMPOSITION, AND METHOD FOR CULTURING CELL OR TISSUE USING SAID COMPOSITION
00: -
The present invention provides: a method for culturing a cell and/or a tissue, said method being characterized by culturing the cell and/or the tissue in a floated state using a culture medium composition, wherein amorphous structures are formed in a liquid culture medium, are dispersed in the solution uniformly, and substantially hold the cell and/or the tissue without substantially increasing the viscosity of the solution, so that the culture medium composition has an effect of preventing the sedimentation of the structures; and others.

Figure 1

21: 2015/04014. 22: 2015/06/04. 43: 2020/11/09
51: A01K
71: Clearwater Seafoods Limited Partnership
72: GARLAND, John J., UGLOW, Roger F.
33: US 31: 61/738,669 32: 2012-12-18
54: EMERSED SHELLFISH STORAGE
00: -

The present disclosure relates to emersed shellfish storage. A container support has a surface to support containers. Each container has respective cells to accommodate live shellfish, such as lobster, in a vertical orientation substantially perpendicular to the surface. Water from a reservoir is pumped, intermittently in some embodiments, to one or more of the containers above the shellfish, and a collector collects and provides to the reservoir the water that is pumped by the pump system and flows over the shellfish. In an embodiment, the cells are provided by a divider that divides an interior space of each container, and the divider carries a perforated top insert at or below a top edge of each container, to distribute fluids to the cells.

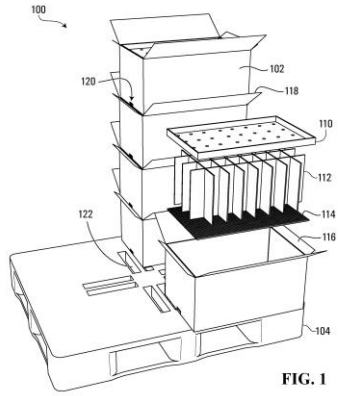


FIG. 1

21: 2015/06151. 22: 24/08/2015. 43: 2020/11/13
51: A01H; C07H; C07K
71: AGRICULTURE VICTORIA SERVICES PTY LTD, DAIRY AUSTRALIA LIMITED
72: SPANGENBERG, GERMAN CARLOS, FORSTER, JOHN WHITE, COGAN, NOEL, RAN, YIDONG, SHINOZUKA, HIROSHI, PATRON, NICOLA, PEMBLETON, LUKE
33: AU 31: 2013900597 32: 2013-02-22
33: AU 31: 2013900602 32: 2013-02-22
33: AU 31: 2013900604 32: 2013-02-22
33: AU 31: 2013900606 32: 2013-02-22
33: AU 31: 2013900601 32: 2013-02-22
33: AU 31: 2013900603 32: 2013-02-22
33: AU 31: 2013900608 32: 2013-02-22
54: MANIPULATION OF SELF-INCOMPATIBILITY IN PLANTS
00: -
The present invention relates to methods for controlling hybridization in plants and producing hybrid plants. The present invention also relates to nucleic acids encoding amino acid sequences for self-incompatibility (SI) proteins in plants, and the use thereof for the manipulation of SI, including seed production, in plants, particularly of the Poaceae family. The present invention also relates to kits, compositions, constructs and vectors including such nucleic acids, and related polypeptides, regulatory elements and methods. The present invention also relates to expression of self-gamete recognition genes in plants and to related nucleic acids, constructs, molecular markers and methods.

21: 2015/06192. 22: 25/08/2015. 43: 2020/11/13
51: A61K; A61P; C12N
71: ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, MEMORIAL SLOAN-KETTERING CANCER CENTRE
72: PALESE, PETER, GARCIA-SASTRE, ADOLFO, ZAMARIN, DMITRIY, ALLISON, JAMES, WOLCHOK, JEDD D
33: US 31: 61/782,994 32: 2013-03-14
54: NEWCASTLE DISEASE VIRUSES AND USES THEREOF
00: -
Described herein are chimeric Newcastle disease viruses engineered to express an agonist of a co-stimulatory signal of an immune cell and compositions comprising such viruses. Also described herein are chimeric Newcastle disease viruses engineered to express an antagonist of an inhibitory signal of an immune cell and compositions comprising such viruses. The chimeric Newcastle disease viruses and compositions are useful in the treatment of cancer. In addition, described herein are methods for treating cancer comprising administering Newcastle disease viruses in combination with an agonist of a co-stimulatory signal of an immune and/or an antagonist of an inhibitory signal of an immune cell.

21: 2015/06920. 22: 17/09/2015. 43: 2020/11/09
51: A61K; C12N
71: ELIXIRGEN THERAPEUTICS, INC.
72: KO, MINORU S.H.
33: US 31: 61/800,668 32: 2013-03-15
54: METHODS OF USING ZSCAN4 FOR REJUVENATING HUMAN CELLS
00: -
The present disclosure relates to methods for increasing telomere length in one or more human

cells and/or increasing genome stability of one or more human cells, for example by contacting one or more human cells with an agent that increases expression of Zscan4 in the one or more human cells. Methods of treating a subject in need of telomere lengthening, treating a disease or condition associated with a genomic and/or chromosome abnormality, of rejuvenating one or more human cells, of rejuvenating tissues or organs, and of rejuvenating a subject in need thereof, for example by contacting one or more human cells in the subject with an agent that increases expression of Zscan4, or by administering to a subject in need thereof, an agent that increases expression of Zscan4 are also provided.

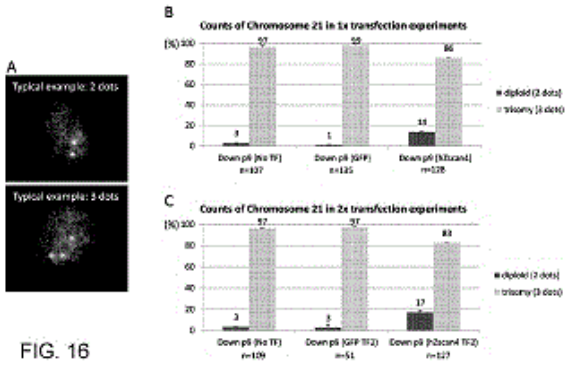
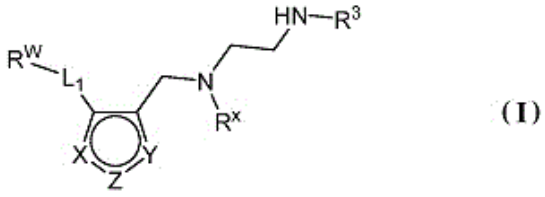


FIG. 16

21: 2015/07441. 22: 07/10/2015. 43: 2020/11/09
51: C07D; A61K; A61P
71: EPIZYME, INC.
72: CHESWORTH, RICHARD, MITCHELL, LORNA HELEN, SHAPIRO, GIDEON, SWINGER, KERREN KALAI
33: US 31: 61/781,051 32: 2013-03-14
33: US 31: 61/876,034 32: 2013-09-10
54: ARGININE METHYLTRANSFERASE INHIBITORS AND USES THEREOF
00: -
Described herein are compounds of Formula (I), pharmaceutically acceptable salts thereof, and pharmaceutical compositions thereof. Compounds described herein are useful for inhibiting arginine methyltransferase activity. Methods of using the compounds for treating arginine methyltransferase-mediated disorders are also described.



(I)

21: 2016/00343. 22: 15/01/2016. 43: 2020/09/23
51: C02F; C12M
71: ECOGAS ISRAEL LTD
72: EFRATI, Oshik Moshe, TELLER, Yair, LANZER, Erez, MILLER, Yariv, EILON, Tal, ZAK, Shoham
33: US 31: 61/916,246 32: 2013-12-15
33: IB 31: PCT/IB2013/001272 32: 2013-06-18
54: LIGHTWEIGHT ASSEMBABLE APPLIANCE AND RESPECTIVE METHOD FOR PRODUCTION OF BIOGAS AND LIQUID FERTILIZER
00: -
A system and method of recycling organic waste into biogas, implementing an anaerobic digestion processes, is disclosed. The system includes structural scaffolding and a pliable collapsible anaerobic digester. The aerobic digester includes at least one suspension tab, rendering the anaerobic digester suspendable from the structural scaffolding. A respective kit-of-parts is disclosed for assembling the aforementioned system.

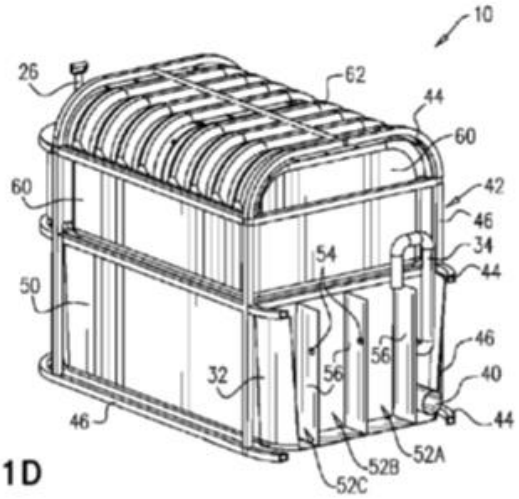


FIG. 1D

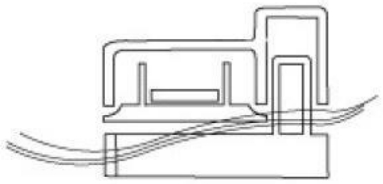
21: 2016/02745. 22: 2016/04/20. 43: 2020/11/26
51: A45D
71: TF3 LIMITED
72: DE BENEDICTIS ALFREDO, HOLLAND JANUSZ LUCIEN, HUGHES MARK

33: GB 31: 1210274.5 32: 2012-06-11
33: GB 31: 1210274.5 32: 2012-11-06

54: HAIR STYLING DEVICE

00: -

This invention relates to a hair styling device (110). According to the invention the hair styling device comprises a body (112) defining a chamber (116) adapted to accommodate a length of hair (126), the chamber having a primary opening (124) through which the length of hair may pass into the chamber; a rotatable element (134) adapted to engage the length of hair adjacent tot he primary opening; an elongate member (120) around which, in use, the length of hair is wound by the rotatable element; a movable panel (156) having an open position in which the primary opening is open to receive the length of hair; and a closed position in which the primary opening is covered, the movable panel having heating means (158).



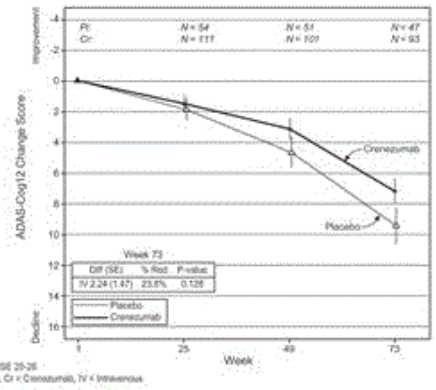
21: 2016/05341. 22: 02/08/2016. 43: 2020/11/13
51: A61K; A61P; C07K
71: GENENTECH, INC.
72: CHO, WILLIAM, FRIESENHAHN, MICHEL, PAUL, ROBERT, WARD, MICHAEL
33: US 31: 61/937,472 32: 2014-02-08
33: US 31: 62/010,259 32: 2014-06-10
33: US 31: 62/081,992 32: 2014-11-19
33: US 31: 61/971,479 32: 2014-03-27

54: METHODS OF TREATING ALZHEIMER'S DISEASE

00: -

Methods of treating Alzheimer's Disease (AD) in patients suffering from mild to moderate AD, including ApoE4 positive patients and patients suffering from mild AD are provided.

FIG. 7

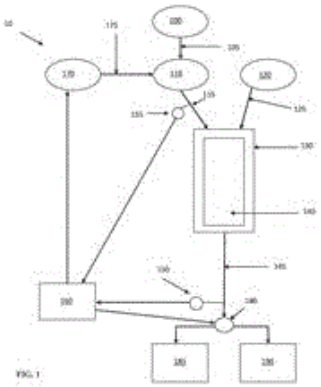


21: 2016/05552. 22: 10/08/2016. 43: 2020/11/13
51: C02F; C01B
71: EVOQUA WATER TECHNOLOGIES LLC
72: HIGGS, JUSTIN W, MALLMANN, THOMAS KENNETH, WORKMAN, KENNETH RAY
33: US 31: 61/950,359 32: 2014-03-10

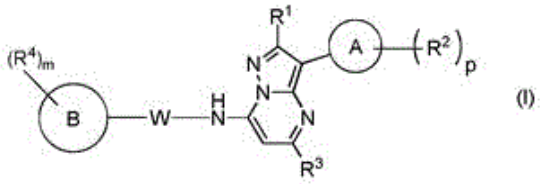
54: PHOSPHATE RECOVERY BY ACID RETARDATION

00: -

A method of recovering phosphoric acid from process water includes directing a process water stream having a pH and a first concentration of phosphoric acid and at least one salt into a vessel, contacting the process water stream with a sorption agent in the vessel, the sorption agent adsorbing phosphoric acid from the process water, withdrawing a first effluent including a first concentration of the at least one salt and a second concentration of phosphoric acid from the vessel, and contacting the sorption agent including the phosphoric acid with water, at least a portion of the phosphoric acid desorbing from the ion exchange media into the water to form a second effluent having a third concentration of phosphoric acid.

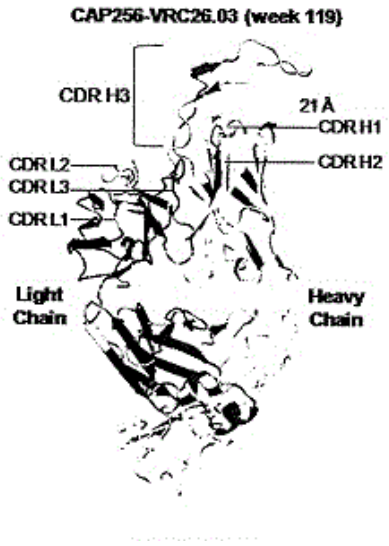


21: 2016/05666. 22: 16/08/2016. 43: 2020/11/13
51: A61K; A61P
71: CUROVIR AB
72: WESTMAN, JACOB
33: EP 31: 14152202.9 32: 2014-01-22
54: PYRAZOLO[1,5-A]PYRIMIDINES AS ANTIVIRAL COMPOUNDS
00: -
A compound of formula (I) or a pharmaceutically acceptable salt thereof, useful in therapy, in particular in the treatment of a viral infection.



21: 2016/05768. 22: 18/08/2016. 43: 2020/11/13
51: A61K; C07K
71: THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK, CENTRE FOR THE AIDS PROGRAMME OF RESEARCH IN SOUTH AFRICA, NATIONAL HEALTH LABORATORY SERVICE
72: SCHRAMM, CHAIM ARYEH, GORMAN, JASON, MASCOLA, JOHN, SHAPIRO, LAWRENCE STEWART, MORRIS, LYNN, DORIA-ROSE, NICOLE AMY, MOORE, PENELOPE LINDA, KWONG, PETER DAK PIN, KARIM, SALIM SAFURDEEN ABDOOL
33: ZA 31: 2014/09416 32: 2014-12-19
33: GB 31: 1403613.1 32: 2014-02-28

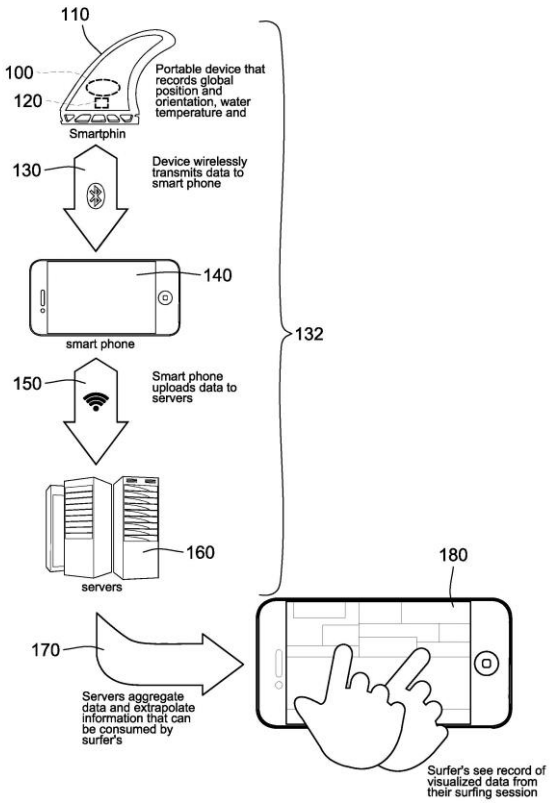
54: BROADLY NEUTRALIZING MONOCLONAL ANTIBODIES AGAINST HIV-1 V1V2 ENV REGION
00: -
The present invention relates anti-HIV therapies and prophylaxis. Specifically, the invention relates to broadly neutralizing antibodies against HIV-1, nucleic acids encoding these antibodies, vectors comprising the nucleic acids and cells and pharmaceutical compositions Comprising said vectors and/or antibodies. The present invention also relates to use of the antibodies and/or vectors for the treatment and/or prevention of HIV-1 infection in a subject. Furthermore, the invention also relates to a kit containing the antibodies of the invention.



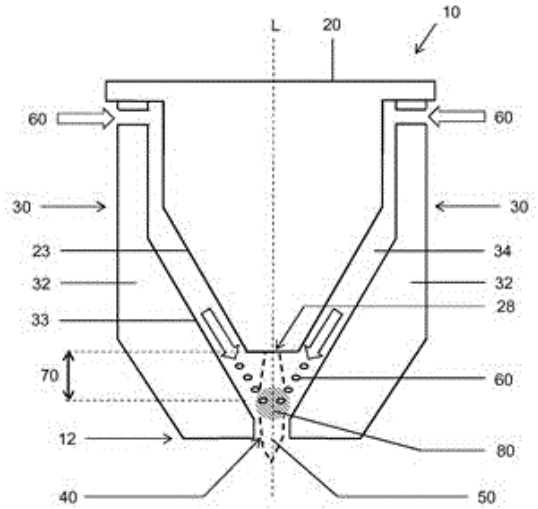
21: 2016/05769. 22: 18/08/2016. 43: 2020/11/13
51: C07H; A61K
71: THE SOUTH AFRICAN NUCLEAR ENERGY CORPORATION LIMITED
72: ZEEVAART, JAN RIJN, SZUCS, ZOLTAN, WAGENER, JUDITH
33: GB 31: 1402132.3 32: 2014-02-07
54: A KIT FOR PREPARING A RADIOPHARMACEUTICAL
00: -
The present invention relates to a stabilized kit for the preparation of a radiopharmaceutical. In particular, the present invention relates to the use of a non-aqueous solvent for the stabilisation of the ligand component of the kit.

21: 2016/06146. 22: 2016/09/05. 43: 2020/11/13
51: B63B

71: Lost Bird Project, Inc.
72: THOMPSON, Benjamin, STERN, Andrew
33: US 31: 61/935,399 32: 2014-02-04
54: METHOD, APPARATUS AND SYSTEM FOR OBTAINING AND MONITORING ENVIRONMENTAL DATA
00: -
In at least one aspect, a water-sports board is configured to collect environmental data. The water-sports board includes a waterproof sensor housing and, disposed within the housing, one or more sensor(s), processor(s), memory device(s), switch(es), batteries. The sensing device is configured, in a first state, not to store environmental data sensed by the at least one sensor in the at least one physical memory device. The sensing device is configured, in a second state, to store environmental data sensed by the at least one sensor in the at least one physical memory device.



21: 2016/06991. 22: 11/10/2016. 43: 2020/11/09
51: C23C; B22F; B29C
71: ELEMENT SIX GMBH
72: KONYASHIN, IGOR YURIEVICH, HLAWATSCHEK, DANIEL, RIES, BERND HEINRICH
33: GB 31: 1409694.5 32: 2014-05-31
54: METHOD OF COATING A BODY, GRANULES FOR THE METHOD AND METHOD OF MAKING GRANULES
00: -
A method and granules for coating a body. Each granule comprises silicon (Si), carbon (C), chromium (Cr) and iron group metal selected from iron (Fe), cobalt (Co) and nickel (Ni). The relative quantities of the Si, C and Cr are such that a molten phase comprising the Si, C, Cr and the iron group metal will form at a melting temperature of less than 1,300 degrees Celsius when at least a threshold quantity of the iron group metal is accessible to the Si, C and Cr; but each granule comprising substantially less than the threshold quantity of the iron group metal. A second source of the iron group metal is provided. A combination of the granules and the second source is formed such that at least the threshold quantity of the iron group metal will be accessible to the Si, C and Cr. The granules and the second source are heated to at least the melting temperature to form the molten phase in contact with the body. The heat is then removed to allow the molten phase to solidify and to provide the coated body.

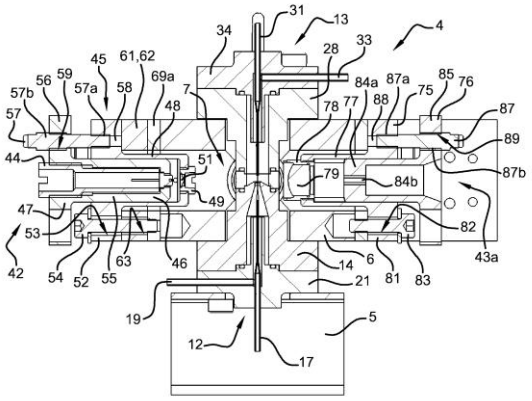


21: 2017/00734. 22: 30/01/2017. 43: 2020/11/26
51: G01N
71: ARTEION
72: ROUSSEAU, Alain
33: FR 31: 14/56230 32: 2014-06-30
54: FLOW CYTOMETRY ASSEMBLY AND SYSTEM, ANALYSING DEVICE COMPRISING SUCH A CYTOMETRY ASSEMBLY AND

ASSEMBLY COMPRISING SUCH A CYTOMETRY SYSTEM

00: -

This flow cytometry system comprises: a measuring chamber (11); an injecting device (12) arranged to inject a flow of biological particles to be analysed into the measuring chamber (11); an evacuating device (13) arranged to evacuate to the exterior of the cytometry system the flux of biological particles injected into the measuring chamber (11); a measuring assembly arranged to measure at least one optical property of the biological particles to be analysed, the measuring assembly including an emitting device (42) arranged to emit a light beam in the direction of the measuring chamber (11) and able to cross the flow of biological particles; and at least one collecting device (43a) arranged to collect light rays issued from the measuring chamber (11). The flow cytometry system furthermore comprises a supporting member (6) on which the injecting device (12), the evacuating device (13), the emitting device (42) and the at least one collecting device (43a) are arranged.

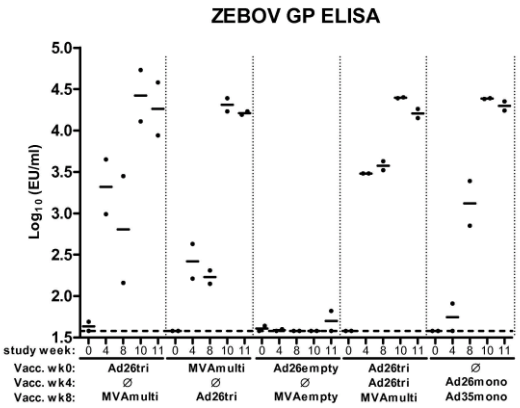


21: 2017/01815. 22: 2017/03/14. 43: 2020/11/09
51: A61K
71: Bavarian Nordic A/S, Janssen Vaccines & Prevention B.V., The United States of America, as represented by The Secretary, Department of Health and Human Services
72: VOLKMANN, Ariane, STEIGERWALD, Robin, DIRMEIER, Ulrike, PAU, Maria Grazia, CALLENDRET, Benoit Christophe Stephan, WARD, Lucy A.
33: US 31: 62/045,522 32: 2014-09-03

54: METHODS AND COMPOSITIONS FOR INDUCING PROTECTIVE IMMUNITY AGAINST FILOVIRUS INFECTION

00: -

The present invention provides compositions, vaccines and methods for inducing protective immunity against filovirus infection, particularly protective immunity against infection of one or more subtypes of Ebola viruses and Marburg virus.



21: 2017/02793. 22: 20/04/2017. 43: 2020/11/09
51: C09J
71: RENMATIX, INC.
72: CAPANEMA, EWELLYN A, BALAKSHIN, MIKHAIL Y
33: US 31: 62/056,072 32: 2014-09-26

54: ADHESIVE COMPOSITIONS COMPRISING TYPE-II CELLULOSE

00: -

Admixtures comprising an adhesive resin and cellulose are disclosed, in which at least a portion of the cellulose is type-II cellulose. Also disclosed are compositions comprising adhesive resins, in which the adhesive resins comprise a condensation product of formaldehyde and at least one phenolic compound, and the condensation product is formed in the presence of cellulose, wherein at least a portion of the cellulose is type-II cellulose. Articles of manufacture containing the admixtures and compositions, such as plywood and oriented strand board, are also disclosed. In addition, methods of preparing the compositions and articles of manufacture are disclosed.

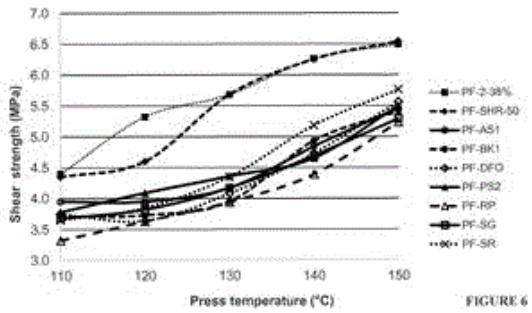
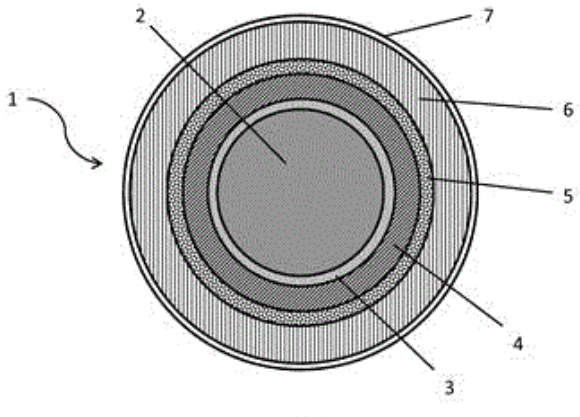


FIGURE 6

21: 2017/03985. 22: 09/06/2017. 43: 2020/11/09
51: A01N; A01P
71: LITHOS CROP PROTECT GMBH
72: RAMETSTEINER, KARL
33: EP 31: 14192683.2 32: 2014-11-11
54: PARTICLES FOR RELEASING ACTIVE INGREDIENTS
00: -
The invention relates to particles (1) with a controllable release of at least one pheromone, wherein a) the particle (1) has a core (2) which is surrounded by one or more layers (4, 6), and b) the core (2) and at least one layer (4, 6) surrounding the core (2) comprises at least one pheromone to be released. The core (2) and/or at least one layer (4, 6) surrounding the core (2) comprises a substrate for bonding or for absorbing the at least one pheromone to be released. The substrate is capable of dispensing the absorbed pheromone in a delayed manner, and the substrate comprises zeolite.



21: 2017/04026. 22: 12/06/2017. 43: 2020/11/09
51: A61K; C07K
71: CHIASMA INC., MAMLUK, RONI, GELBAUM, DANA
72: MAMLUK, RONI, GELBAUM, DANA, HAVIV, ASI
33: US 31: 62/090,130 32: 2014-12-10
54: ORAL OCTREOTIDE ADMINISTERED IN COMBINATION WITH OTHER THERAPEUTIC AGENTS
00: -
This invention relates to combination therapy of a subject suffering from acromegaly. The method of treatment comprises administration to the subject of a therapeutically effective amount of oral somatostatin receptor ligand (SRL) e.g. octreotide in combination with a therapeutically effective amount of a dopamine agonist and/or a growth hormone receptor antagonist and/or a selective estrogen receptor modulator (SERM) and/or a 2nd somatostatin receptor ligand (SRL).

21: 2017/04041. 22: 13/06/2017. 43: 2020/11/09
51: B02C
71: METSO MINERALS, INC.
72: KUVAJA, Kari, LAUTALA, Aki, PELTONEN, Mika
33: FI 31: 20146114 32: 2014-12-18
54: DUST SEALING
00: -
A cone or gyratory crusher (100), comprising a slip ring (6); a crusher head (4); and a first sealing member (8), arranged between the slip ring (6) and the crusher head (4), defining a first space above the first sealing member (8); and a first flexible member (5) connected to the first sealing member (8) and defining a second space below the first sealing member (8).

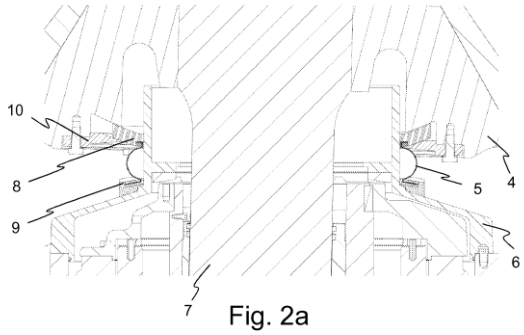
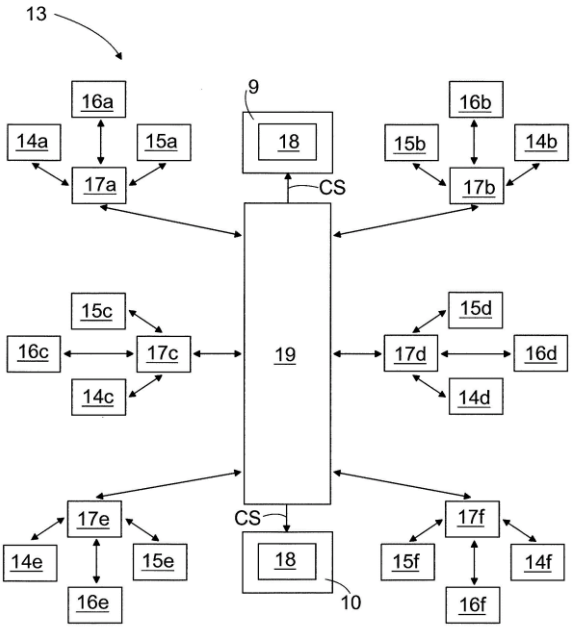


Fig. 2a

21: 2017/04222. 22: 2017/06/21. 43: 2020/11/09

51: A61K
71: Charité - Universitätsmedizin Berlin
72: WAGNER, Susanne, TAUPITZ, Matthias, SCHNORR, Jörg, EBER, Monika, STOLZENBURG, Nicola, GLÄSER, Janna, KRATZ, Harald, HAUPTMANN, Ralf, BREINL, Janni, ARIZA DE SCHELLENBERGER, Angela, GEMEINHARDT, Ines
33: DE 31: 10 2014 019 388.8 32: 2014-12-29
54: DRUG BASED ON MAGHEMITE FOR SIMULTANEOUS REDUCTION OF GASTROINTESTINAL SODIUM RESORPTION AND PHOSPHATE RESORPTION
00: -
The invention relates to a substance based on nanocrystalline maghemite having a crystal size between 0.5 and 4 nm, which defines a magnetite proportion through the proportion of divalent iron ions smaller than five per cent by weight of the total iron, and reduces the transport of sodium and simultaneously phosphate in the stomach and intestine wall, from the stomach and intestine content into the blood flow, and can thus improve the imbalance of electrolytes, water and minerals in patients with impaired kidney function through oral application in conjunction with suitable pharmaceutical excipients.

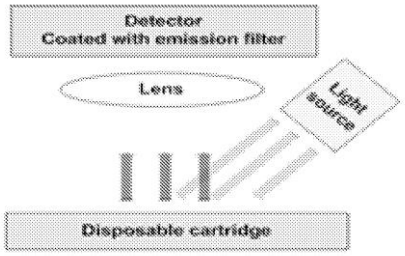
21: 2017/04326. 22: 2017/06/26. 43: 2020/11/09
51: E21F; F16P
71: Sandvik Mining and Construction Oy
72: RUOKOJÄRVI, Jarkko, LEHTINEN, Antti, KALLIO, Janne
33: EP(FI) 31: 14200373.0 32: 2014-12-29
54: ZONE PASSAGE CONTROL IN WORKSITE
00: -
A system (13) for zone passage control for a zone (OZ23, OZ4, OZ5, OZ6, OZ9) of an autonomously operating mobile object (9) comprises at least a set of detection units (14a, 14b, 14c, 14d, 14e, 14f) to detect at least one mobile object (9, 10) entering and/or exiting the zone, a set of identification units (15a, 15b, 15c, 15d, 15e, 5f) to identify the mobile object (9, 10) entering and/or exiting the zone, and a central controller (19) being arranged in operational connection with the set of the detection units and with the set of the identification units. An admissibility level (AL) for a mobile object (9, 10) to enter the zone is determined and a control signal (CS) to stop at least one autonomously operating mobile object (9) existing in the zone is provided in response to the determined admissibility level being negative for the mobile object (9, 0) entered the zone.



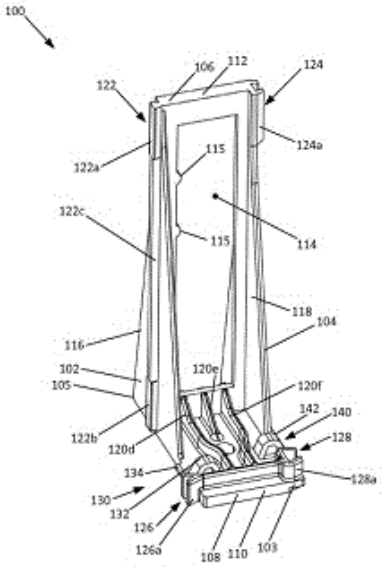
21: 2017/04328. 22: 2017/06/26. 43: 2020/11/09
51: A61K; A61P; C07K
71: Hanmi Pharm. Co., Ltd.
72: JUNG, Sung Youb, PARK, Young Jin, LEE, Jong Suk, CHOI, Jae Hyuk, LIM, Chang Ki, KWON, Se Chang
33: KR 31: 10-2014-0193691 32: 2014-12-30
54: GLUCAGON DERIVATIVES
00: -
The present invention relates to a novel peptide of a glucagon derivative and a composition for preventing or treating obesity comprising the peptide as an active ingredient. The glucagon derivative according to the present invention shows a more excellent activating effect with regard to both glucagon-like peptide-1 receptors and glucagon receptors compared to native glucagon, and thus can be widely used as an effective agent for treating obesity.

21: 2017/04336. 22: 26/06/2017. 43: 2020/11/09
51: G01N
71: CHIPCARE CORPORATION
72: DOU, James, Jiahua, CHEN, Lu, FRASER, James, Andrew, NAYYAR, Rakesh, Kumar
33: US 31: 62/085,441 32: 2014-11-28

54: MULTIPLEX BEAD ARRAY ASSAY
00: -
The present disclosure relates to a system, method, and kit for particle detection and analysis. Devices disclosed herein may include at least an optical source, a fluidic chip containing a multiplex bead array, and a detection module, wherein the sample flows within the fluidic chip past a detection window, where the cells or particles are imaged by an image acquisition and analysis module that may include an optical detector. The image acquisition and analysis module counts the labeled particles and software allows for analysis of bead population.



21: 2017/04363. 22: 27/06/2017. 43: 2020/11/09
51: H04Q
71: COMMSCOPE CONNECTIVITY BELGIUM BVBA, ADC CZECH REPUBLIC, S.R.O.
72: SCHURMANS, ERIC, AMBROZ, JIRI, ZAVREL, JIRI
33: US 31: 62/088,347 32: 2014-12-05
54: EXTENDABLE PATCH PANEL
00: -
An extendable telecommunications patch panel (10) is disclosed. In one aspect, the patch panel can include a plurality of interconnectable connection parts (100) for holding telecommunications connectors (12), such as adapters. Each connection part (100) may be provided with features that allow the connection parts (100) to be interlocked with each other to form the extendable patch panel (10). In one aspect, a first connection feature (122) can be located on a connection part first side (102) and a second connection feature (124) can be located on a connection part second side (104). The first connection feature (122) can be configured to interlock with the second connection feature (124) of an adjacent connection part (100). The connection part (100) may also be provided with an adapter (150) that allows the connection parts (100) to be connected in a staggered formation to result in a staggered patch panel (10).



21: 2017/04386. 22: 2017/06/28. 43: 2020/11/09
51: B65G; E21F
71: Sandvik Intellectual Property AB
72: RIEGER, Hubert, DAMPFHOFER, Stefan
54: SUPPORT STRUCTURE AND METHOD FOR SUPPORTING AN ENCLOSED BELT CONVEYOR
00: -
The invention relates to a support structure for supporting a belt of an enclosed belt conveyor between two transport units and a corresponding method. The support structure (1000) between two transport units (100) comprises a first end element (1100) with a main extension in a longitudinal direction (L11), a width extension in a width direction (W11) orthogonal to the longitudinal direction and a height extension in a height direction (H11) orthogonal to the longitudinal and the width direction, at least one guide assembly (30, 36) for engaging opposite longitudinal edges of a belt of an enclosed belt conveyor, a first telescopic element (1500) connected to the first end element, wherein an outer end (1101) of the first end element has a first end connector (1110) adapted to form a connection with a first transport unit.

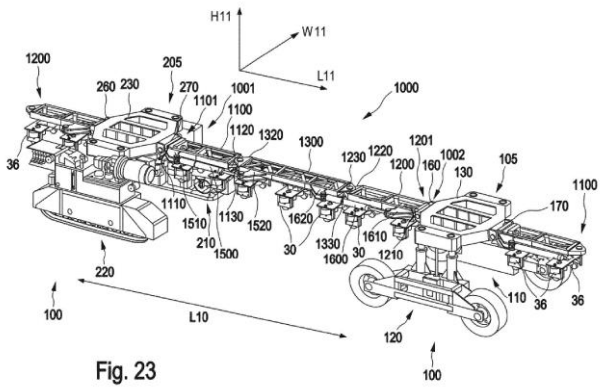
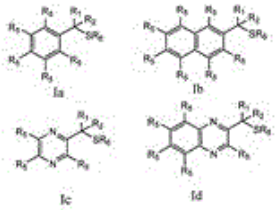
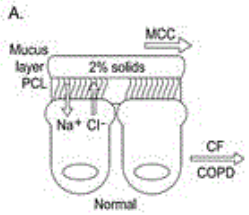


Fig. 23

21: 2017/05100. 22: 26/07/2017. 43: 2020/11/09
51: A61K
71: NANOCARE TECHNOLOGIES, INC.
72: FEHR PEREIRA LOPES, JOSÉ E
33: US 31: 62/098,704 32: 2014-12-31
54: JASMONATE DERIVATIVES AND COMPOSITIONS THEREOF
00: -
The disclosure describes jasmonate conjugates and nanocarried and/or microcarried jasmonate conjugates and pharmaceutical compositions thereof, as well as use thereof for treating or preventing angiogenesis-related or NF-κB-related disorders. Also disclosed are methods of making the conjugates.

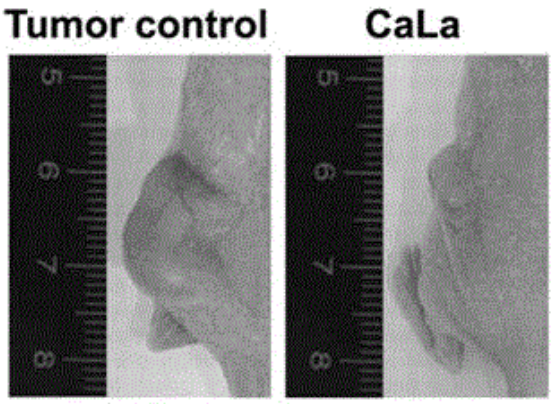
21: 2017/05122. 22: 27/07/2017. 43: 2020/11/09
51: C07C
71: PARION SCIENCES, INC.
72: JOHNSON, MICHAEL ROSS, THELIN, WILLIAM R
33: US 31: 62/109,999 32: 2015-01-30
54: NOVEL MONOTHIOL MUCOLYTIC AGENTS
00: -
Provided are mucolytic agents represented by formula (la)-(ld) where the structural variables Rl, R2, R5 and R6 are as defined herein. Also provided are a variety of methods of treatment which take advantage of the mucolytic properties of the compounds represented by formula (la)-(ld). One object of the present invention relates to a method to increase the liquefaction of mucus in a patient with excessive mucus or mucus with increased viscoelastic, cohesive, or adhesive properties. The method includes the step of contacting the mucus of a patient with abnormal or excessive mucus with a composition comprising a mucolytic compound containing a dithiol group to decrease mucus viscoelasticity through the reduction of mucin disulfide bonds.



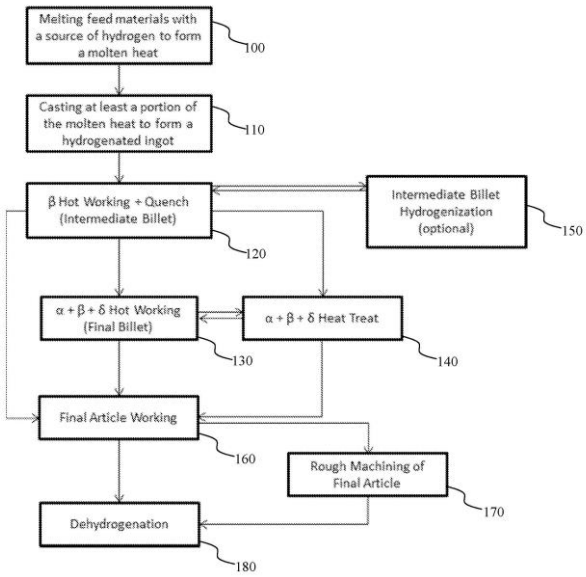


21: 2017/05148. 22: 28/07/2017. 43: 2020/11/09
51: A61K; A23L
71: METIMEDI PHARMACEUTICALS CO., LTD
72: KIM, HWAN MOOK, JEONG, KEUN YEONG, SIM, JAE JUN, JANG, YEONG SU
33: KR 31: 10-2014-0192158 32: 2014-12-29
33: KR 31: 10-2015-0142828 32: 2015-10-13
54: PHARMACEUTICAL COMPOSITION FOR TREATING CANCER, CONTAINING LACTATE METAL SALT
00: -
The present invention relates to: a pharmaceutical composition for treating cancer containing, as an active ingredient, a lactate metal salt, which can be dissociated, in cancer cells, into lactate capable of effectively inhibiting actions such as proliferation, invasion, and metastasis of cancer cells by disturbing the metabolic processes of cancer cells; a pharmaceutical composition for inhibiting cancer metastasis; a food composition for alleviating cancer; and a method for treating cancer and a method for inhibiting cancer metastasis, both methods comprising a step of administering the lactate metal salt. The lactate metal salt of the present invention inhibits the growth of cancer cells and induces the death of cancer cells by disturbing the metabolic processes in the main energy production pathways of cancer, and inhibits the expression of factors inducing resistance against radiation exposure, while having no side effects.

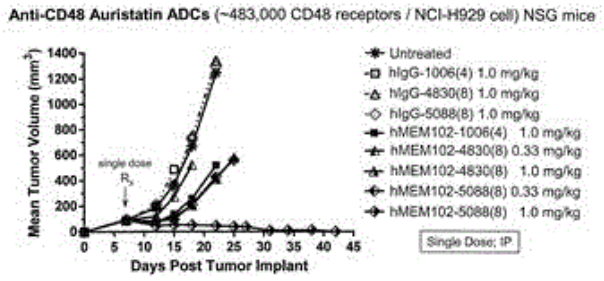
Therefore, the lactate metal salt can be widely utilized in a more effective anti-cancer therapy.



21: 2017/05773. 22: 2017/08/24. 43: 2020/11/13
51: C22C; C22F
71: ATI Properties LLC
72: KENNEDY, Richard L., DAVIS, Robert M., BRADLEY, Rex W., FORBES JONES, Robin M.
33: US 31: 62/114,194 32: 2015-02-10
54: METHODS FOR PRODUCING TITANIUM AND TITANIUM ALLOY ARTICLES
00: -
A method of producing an article selected from a titanium article and a titanium alloy article comprises melting feed materials with a source of hydrogen to form a molten heat of titanium or a titanium alloy, and casting at least a portion of the molten heat to form a hydrogenated titanium or titanium alloy ingot. The hydrogenated ingot is deformed at an elevated temperature to form a worked article comprising a cross-sectional area smaller than a cross-sectional area of the hydrogenated ingot. The worked article is dehydrogenated to reduce a hydrogen content of the worked article. In certain non-limiting embodiments of the method, the dehydrogenated article comprises an average a-phase particle size of less than 10 microns in the longest dimension.

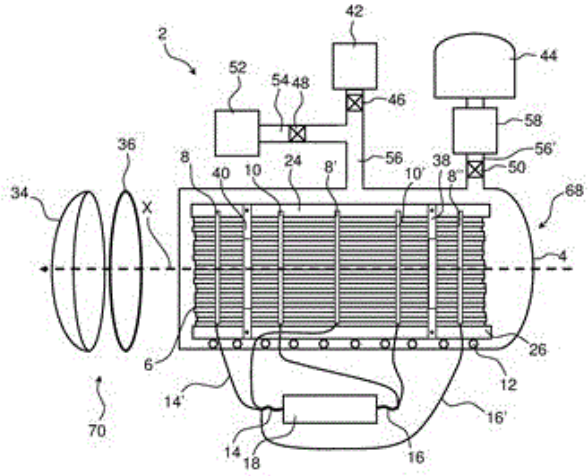


21: 2017/05935. 22: 31/08/2017. 43: 2020/11/13
51: A61K; C07K
71: SEATTLE GENETICS, INC.
72: LEWIS, TIMOTHY, GORDON, KRISTINE, WESTENDORF, LORI
33: US 31: 62/134,981 32: 2015-03-18
54: CD48 ANTIBODIES AND CONJUGATES THEREOF
00: -
The invention provides murine, chimeric, and humanized antibodies that specifically bind to CD48 and conjugates thereof.

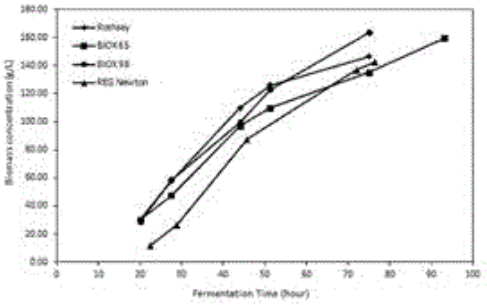


21: 2017/06257. 22: 14/09/2017. 43: 2020/11/09
51: B27K
71: DANISH WOOD TECHNOLOGY A/S
72: HOLM, CLAUS, THOMAS, KELL
33: DK 31: PA 2015 00134 32: 2015-03-05
54: TREATMENT OF WOOD
00: -
The present invention relates methods for heat treatment of wood. The invention further relates to

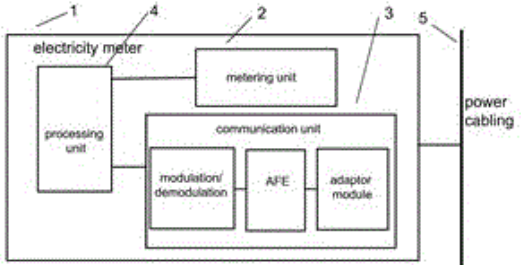
wood obtainable by the methods of the invention as well as the use of the method for preparing treated wood. The method comprises the step of pressurising said airtight tank (4) to a predefined pressure (P_1) in order to establish a pressurised environment for said wood (6). The method comprises the step of placing said wood (6) in an airtight tank (4) and heating said wood (6) to a predefined temperature (T_2, T_3). The predefined pressure (P_1) is kept so hight that the water in the wood (6) cannot evaporate at the predefined temperature (T_2, T_3)



21: 2017/06258. 22: 14/09/2017. 43: 2020/11/09
51: C12N; C12P
71: MARA RENEWABLES CORPORATION
72: PURDUE, LAURA, MILWAY, MICHAEL, BERRYMAN, KEVIN, VALENTINE, MERCIA, SUN, ZHIYONG, ARMENTA, ROBERTO E
33: US 31: 62/138,631 32: 2015-03-26
54: HIGH DENSITY PRODUCTION OF BIOMASS AND OIL USING CRUDE GLYCEROL
00: -
Provided is a method of culturing one or more microorganisms. The method includes culturing one or more microorganisms in a medium comprising crude glycerol at a first concentration level, feeding to the media an additional amount of crude glycerol, once the first concentration of glycerol is reduced to a first threshold level, at a concentration sufficient to achieve the first concentration level, monitoring the crude glycerol concentration until the first concentration level of the crude glycerol is reduced to the first threshold level. The steps may be repeated until a desired microorganism cell density is achieved.



21: 2017/06478. 22: 26/09/2017. 43: 2020/11/09
51: G01D; H04B
71: LANDIS+GYR AG
72: YLÖNEN, JUHANI ILMARI, POIKONEN, ERKKI OLAVI
33: CH 31: 00538/15 32: 2015-04-17
54: AN ELECTRICITY METER AND AN ADAPTOR MODULE THEREFOR
00: -
This disclosure relates to an electricity meter for recording the electric energy and an adaptor module therefore. The electricity meter (1) comprises a metering unit (2) for determining the electric energy consumption; a communication unit (3) for communicating data signals within a communication band over power cabling; and a processing unit for controlling the metering unit (2) and the communication unit (3). The communication unit (3) is configured to adapt the communication band to the communication environment.

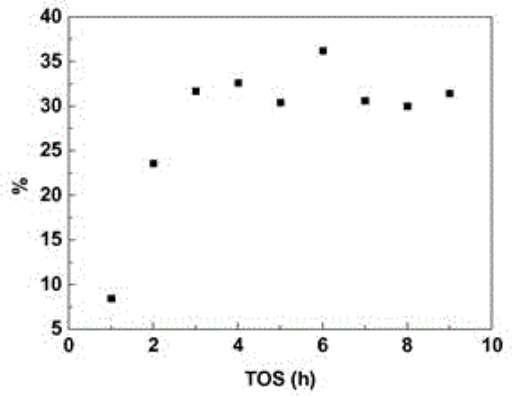


21: 2017/06480. 22: 26/09/2017. 43: 2020/11/09
51: C07C
71: HALDOR TOPSØE A/S
72: SADABA ZUBIRI, IRANTZU, TAARNING, ESBEN, TZOULAKI, DESPINA
33: DK 31: PA 2015 00265 32: 2015-04-30

54: A PROCESS FOR THE PREPARATION OF METHIONINE ALPHA-HYDROXY ANALOGUES FROM SUGARS AND DERIVATIVES THEREOF

00: -

A process for the preparation of methionine a-hydroxy analogue and derivatives thereof comprising contacting one or more sugars or derivatives thereof with a metallo-silicate composition in the presence of a compound comprising sulphur and a solvent.



21: 2017/06513. 22: 27/09/2017. 43: 2020/11/09
51: A47J
71: HENNY PENNY CORPORATION
72: EROS, KIMBERLY, CARTWRIGHT, RICHARD W, LONG, STEVEN J
33: US 31: 62/139,537 32: 2015-03-27

54: COMBINATION PRESSURE AND OPEN FRYING APPARATUS

00: -

A fryer apparatus includes a selectively closeable frypot to alternate a mechanism of operation between an open frying platform and a pressure frying platform. The selectively closeable frypot includes a cover with a locking mechanism disposed within the cover that is actuated by rotation of a handle such that the footprint of the selectively closeable frypot may be sized comparable with a typical open fryer to accommodate space constraints of limited service restaurants. The fryer apparatus may also include a pressure assist feature so that the selectively closeable frypot to efficiently reaches a desired pressure for smaller batches of food product when used as a pressure frying platform.

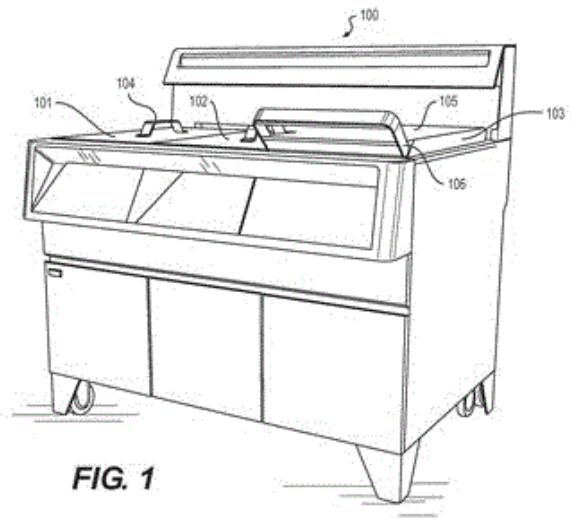


FIG. 1

21: 2017/06530. 22: 2017/09/28. 43: 2020/11/09
51: B01J F01N
71: BASF CORPORATION
72: WEI, Xinyi, ROTH, Stanley, A., ZHU, Haiyang
33: US 31: 62/128,801 32: 2015-03-05

54: PLATINUM-CONTAINING CATALYSTS FOR COMBUSTION ENGINES

00: -

Emissions treatment systems of combustion engines are provided, which comprise a platinum-containing catalyst that is degreened during production, which is before exposure to operating conditions of a vehicle having a diesel engine. The platinum-containing catalyst, in the form of a platinum component on a high surface area refractory metal oxide support, exhibits a vibration frequency of about 2085 to about 2105 cm-1 as measured by CO-DRIFTS. Such catalytic material is essentially-free of platinum oxide species found at greater than about 2110 cm-1 as measured by CO-DRIFTS. Such catalysts can provide excellent and consistent conversion of nitrogen oxide (NO) to nitrogen dioxide (NO2).

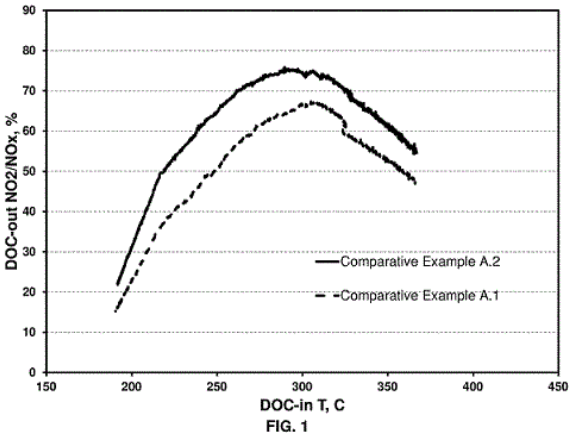


FIG. 1

21: 2017/08100. 22: 2017/11/29. 43: 2020/10/27
51: A61H
71: HAASBROEK, Leendert, Johannes
72: HAASBROEK, Leendert, Johannes
33: ZA 31: 2017/01150 32: 2017-02-14
54: A THERAPEUTIC DEVICE
00: -
The invention provides a therapeutic device for the treatment of a body part of a human being, the therapeutic device including, a housing configured and dimensioned to receive at least a portion of a body part of a human being therein, an inlet defined in the housing allowing for air to flow into the housing, an outlet defined in the housing allowing for air to flow out of the housing and a fluid displacement device arranged in flow communication with the outlet so as to in use create an airflow through the housing.

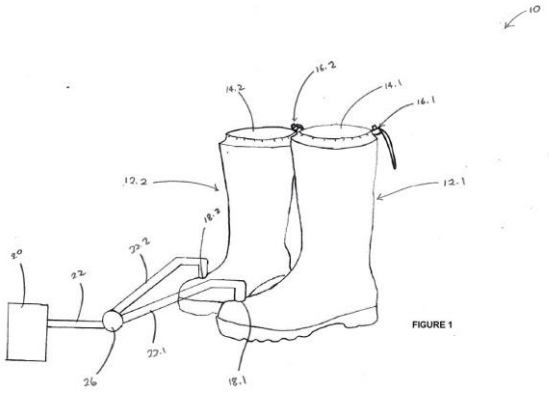
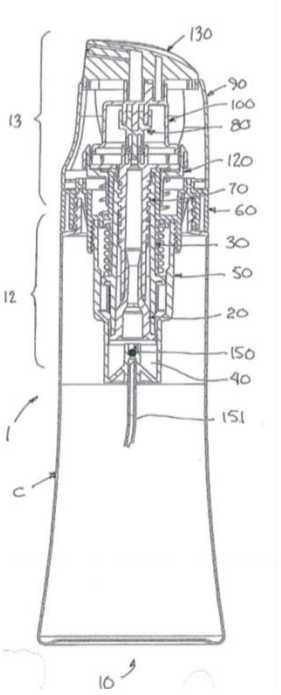


FIGURE 1

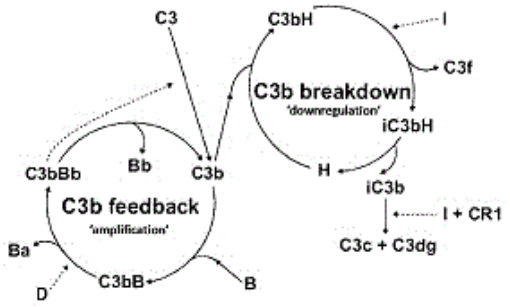
21: 2018/02013. 22: 2018/03/27. 43: 2020/12/02
51: B67D
71: ALTERNATIVE PACKAGING SOLUTIONS LLC
72: BLAKE, William Sydney
33: US 31: 13/439,510 32: 2012-04-04

54: ONE TURN ACTUATED DURATION SPRAY PUMP MECHANISM
00: -
A power assembly that can obtain duration discharge of product upon a single turn of an actuator sleeve to pressurize product and ready it for dispensing. The assembly includes a piston carried by a piston housing for reciprocation in a cylinder cup having a pump chamber. The actuator sleeve is connected through a clutch disc to a drive screw that is connected to reciprocate the piston housing and piston when the actuator sleeve is rotated. The clutch disc is operative to first disengage the actuator sleeve from the drive screw and then move a stem valve to an open position when an actuator is depressed to dispense product. The power assembly can be used with various energy storage devices such as springs, gases or elastics to exert pressure on product to be dispensed when the actuator is turned.

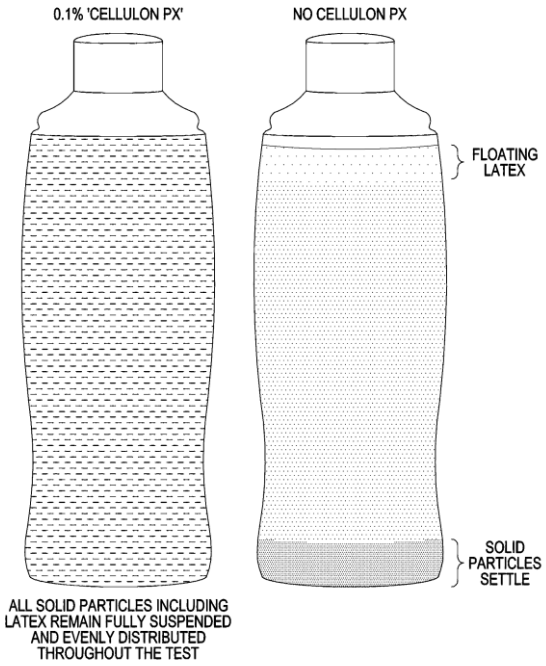


21: 2018/02462. 22: 13/04/2018. 43: 2020/11/13
51: C07K; C12N
71: SYNCONA IP HOLDCO LIMITED
72: GROENDAHL, CHRISTIAN, FUNNELL, TIM, HOLLOWOOD, CHRIS
33: GB 31: 1519086.1 32: 2015-10-28
54: GENE THERAPY
00: -

An AAV vector comprising a nucleotide sequence encoding Factor I or Factor H or a fragment or derivative thereof. The vector is useful for treating or preventing a complement-mediated disorder of the eye.



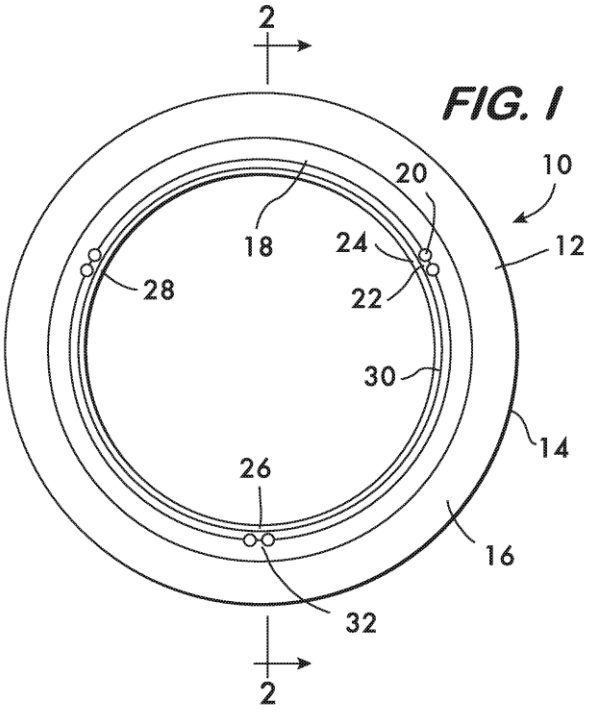
21: 2018/02832. 22: 13/04/2018. 43: 2020/11/27
51: B29C; C09K
71: TRYDEL RESEARCH PTY LTD
72: DOWEL, Terence
33: AU 31: 2015904569 32: 2015-11-06
54: SEALANT COMPOSITION
00: -
A tire sealant composition is provided for sealing punctures in pneumatic tires, particularly in the extreme outer shoulder edge and sidewall, comprising a liquid carrier, latex in an amount between about 0.5 to about 6.0 % by weight of the composition, a polysaccharide suspending agent and a particulate material with a particle size of less than 300 µm. The composition allows for passage through the tire valve without the need for removal of the valve core.



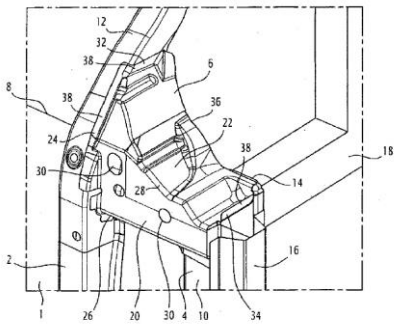
21: 2018/02944. 22: 04/05/2018. 43: 2020/11/20
51: C01F; C04B
71: YARA INTERNATIONAL ASA
72: FRANKE, Wolfram, THOMMESEN, Hilde, CILLUFFO, Giuseppe, ROMEGIALLI, Gianluca, TORABZADEGAN, Mehrdad
33: NO 31: 20151508 32: 2015-11-06
54: SOLID PARTICULATE CALCIUM NITRATE COMPOSITION COMPRISING A SOLID PARTICULATE SILICATE AS AN ANTI-CAKING AGENT
00: -
The invention relates to a solid particulate calcium nitrate composition having particles with an average particle size of between 0.1 and 1 mm and comprising an anti-caking agent, wherein the anti-caking agent consists of a solid particulate silicate with an average particle size of between 0.05 and 750 µm. The invention furthermore relates to a pre-blend binder composition comprising such a solid particulate calcium nitrate composition. Also a dry mortar mix or tile adhesive composition and a dry concrete mix comprising an aggregate and such a pre-blend binder composition. Also a method for producing a solid particulate calcium nitrate composition, the use of a solid particulate silicate as anti-caking agent for a solid particulate calcium nitrate composition and the use of a solid particulate calcium nitrate composition as a setting accelerator

for cementitious pre-blend binder composition are disclosed.

21: 2018/02999. 22: 08/05/2018. 43: 2020/11/27
51: F16J; F16L
71: VICTAULIC COMPANY
72: BANCROFT, Philip Wayne, BOWMAN, Matthew A., YOVANOVICH, Kathryn E.
33: US 31: 14/963,361 32: 2015-12-09
54: SEAL WITH LIP PROJECTIONS
00: -
Seals for mechanical couplings and fittings have sealing surfaces with one or more projections that form closable leak paths between the coupling or fitting and pipe elements being joined. The leak paths close when the coupling or fitting is properly installed. Otherwise, the leak paths remain open to ensure that improperly installed couplings and fittings can be discovered during pressure testing and before service pressure is applied.



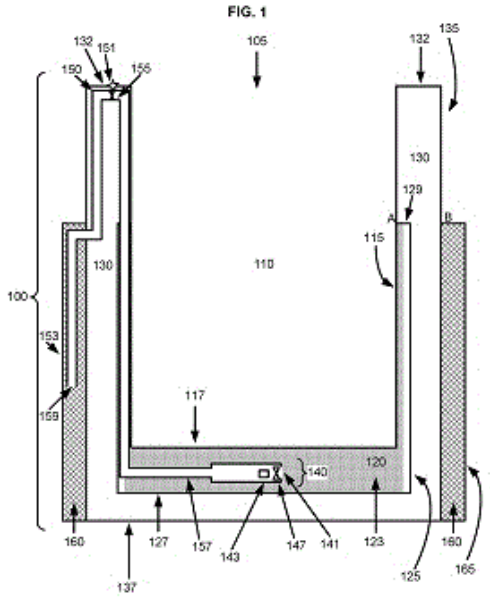
21: 2018/03109. 22: 11/05/2018. 43: 2020/12/18
51: B62D
71: ARCELORMITTAL
72: Ivan VIAUX, Florian ARNAUTU
33: WO 31: PCT/IB2015/059478 32: 2015-12-09
54: VEHICLE UNDERBODY STRUCTURE COMPRISING A REINFORCEMENT ELEMENT BETWEEN A LONGITUDINAL BEAM AND A LOWERSIDE SILL PART
00: -
The Vehicle underbody structure, comprises a floor panel (1), at least one longitudinal beam (2) extending in a longitudinal direction of the vehicle under said floor panel (1) and at least one lowerside sill part (4) extending in the longitudinal direction adjacent to the floor panel (1), the vehicle underbody structure further comprising at least one reinforcement element (6) extending in a transversal direction, substantially perpendicular to the longitudinal direction, said reinforcement element (6) extending under the floor panel (1) and being attached at one of its transversal ends to the longitudinal beam (2) and at the other of its transversal ends to the lowerside sill part (4). The reinforcement element (6) is made of a press hardened steel part having a tensile strength higher or equal to 1200 MPa.



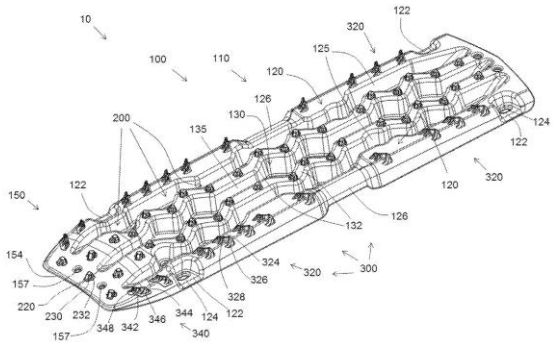
21: 2018/03133. 22: 2018/05/14. 43: 2020/12/02
51: G01H; G01S
71: TERRENCE KEITH ASHWIN
72: TERRENCE KEITH ASHWIN
54: 17. A WIRELESS COMMUNICATION IDENTIFICATION SENSOR FOR ATTENDANCE MONITORING
00: -
A financial transaction wireless communication identification sensor for use as part of financial transaction verification system comprising a wifi BSSID combined with program-mable SSID data, wherein the BSSID in combination the programmable data is configurable to identify the sensor. The sensor uses a software application enables the user to input and store personal identifying information on the user sensor as an

aspect of the SSID data broadcast, alternately a user may input said information on a remote server which inter-acts with the software application and communicates the user information to when appropriately accessed.

21: 2018/03161. 22: 14/05/2018. 43: 2020/11/13
51: F28C; B23P
71: TOKITAE LLC
72: CHOU, FONG-LI, WELKHOFF, PHILIP ANDREW, FOWLER, LAWRENCE MORGAN, LIU, SHIENG, MAIER-LAXHUBER, PETER K, PETERSON, NELS R, SCHMIDT, RALF W, TEGREENE, CLARENCE T, WOOD, LOWELL L JR, WÖRZ, REINIER M, YAGER, DAVID J
33: US 31: 14/885,043 32: 2015-10-16
54: TEMPERATURE-CONTROLLED PORTABLE COOLING UNITS
00: -
Portage storage containers including controlled evaporative cooling systems are described herein. In some embodiments, a portable container including an integral controlled evaporative cooling system includes: a storage region, an evaporative region adjacent to the storage region, a desiccant region adjacent to the outside of the container, and an insulation region positioned between the evaporative region and the desiccant region. A vapor conduit with an attached vapor control unit has a first end within the evaporative region and a second end within the desiccant region. In some embodiments, the controlled evaporative cooling systems are positioned in a radial configuration within the portable container.

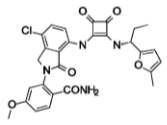
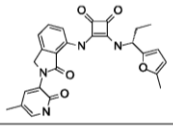
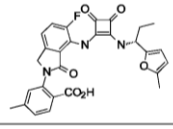
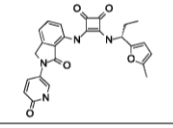
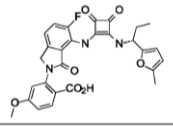
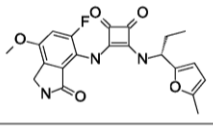


21: 2018/03296. 22: 17/05/2018. 43: 2020/11/27
51: B60B
71: IP RESERVE PTY LTD
72: HERMANS, Ty
33: AU 31: 2015904453 32: 2015-10-30
54: A VEHICULAR LADDER
00: -
A vehicular ladder including: a body comprising a first plastic; and one or more first teeth arranged on the body, wherein the one or more first teeth include a second plastic that is different to the first plastic.

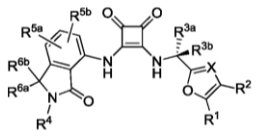


21: 2018/03436. 22: 24/05/2018. 43: 2020/11/27
51: A61K
71: CHEMOCENTRYX, INC.
72: CHEN, Xi, DRAGOLI, Dean R., FAN, Junfa, KALISIAK, Jaroslaw, LELETI, Manmohan Reddy, MALATHONG, Viengkham, MCMAHON, Jeffrey, TANAKA, Hiroko, YANG, Ju, YU, Chao, ZHANG, Penglie, MALI, Venkat

33: US 31: 62/257,529 32: 2015-11-19
54: INHIBITORS OF CXCR2
00: -
Compounds are provided as inhibitors of CXCR2, having the structure (I).

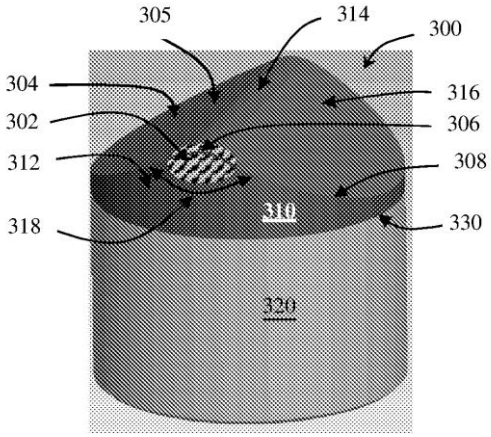
		CXCR2 IC_{50} (nM)
1.001		+++
1.002		+++
1.003		+
1.004		++
1.005		+
1.006		+++

formula (I):



21: 2018/03599. 22: 30/05/2018. 43: 2020/11/13
51: C22B
71: OUTOTEC (FINLAND) OY
72: KROGERUS, HELGE, MÄKELÄ, PASI
33: FI 31: 20155868 32: 2015-11-24
54: METHOD FOR PREHEATING AND SMELTING MANGANESE ORE SINTER
00: -
Described is a method and an apparatus for preheating and smelting manganese ore sinter. The method comprises feeding feed mixture (1) containing manganese ore sinter (2), reducing agent (3), and fluxing agent (4) into an submerged electric arc furnace (5), smelting feed mixture (1) to form a layer containing liquid manganese alloy and a layer containing slag, withdrawing liquid manganese and, discharging carbon monoxide containing carbonaceous gas (6), combusting carbon monoxide containing carbonaceous gas (6) in presence of oxygen such as air in a burner (7) to form carbon dioxide containing carbonaceous gas (9), and heating said feed mixture (1) in a pre-treatment silo (8) prior feeding said feed mixture (1) into the submerged electric arc furnace (5) with said carbon dioxide containing carbonaceous gas (9).

21: 2018/03651. 22: 31/05/2018. 43: 2020/11/27
51: E21B
71: SMITH INTERNATIONAL, INC.
72: BAO, Yahua, FANG, Yi, ZHANG, Haibo, BELNAP, John Daniel, ZHANG, Youhe
33: US 31: 62/267,194 32: 2015-12-14
54: CUTTING ELEMENTS FORMED FROM COMBINATIONS OF MATERIALS AND BITS INCORPORATING THE SAME
00: -
A cutting element may include: a substrate; and an ultrahard layer on the substrate, the ultrahard layer having a non-planar working surface, the non-planar working surface being formed from a first region and a second region, the first region, encompassing at least a cutting edge or tip of the cutting element and having a differing composition than the second region.



21: 2018/04515. 22: 06/07/2018. 43: 2020/12/03
51: A23L; A61K; C07K
71: DEFENSIN THERAPEUTICS APS

72: NORDKILD, Peter, WEHKAMP, Jan, KJÆRULFF, Søren
33: DK 31: PA 2016 70041 32: 2016-01-26
33: DK 31: PA 2016 70483 32: 2016-07-01
54: METHODS FOR MODULATING INTESTINAL MICROBIOTA
00: -
The present invention relates to methods for modulating the intestinal microbiota by administering one or more defensins and/or GLP-1/GLP-1 analogs and methods for prevention or treatment of gut inflammation by oral administration of one or more defensins. GLP-1 analogs such as Liraglutide, as well as mammalian and poultry alfa and beta defensins can cause a change in the composition of the microbiota and metabolome in the intestine and can therefore be used to treat or prevent gut inflammation, colorectal cancer, metabolic syndrome, obesity, prediabetes and diabetes or as lean growth promoters in the meat production.

21: 2018/05175. 22: 01/08/2018. 43: 2020/11/03
51: C03C; C03B
71: OWENS-BROCKWAY GLASS CONTAINER INC.
72: COOPER, SCOTT P, WEIL, SCOTT, REMINGTON, MICHAEL P, BHADURI, SUTAPA, GULLINKALA, TILAK
33: US 31: 14/676,372 32: 2015-04-01
54: GLASS PRECURSOR GEL
00: -
A glass precursor gel and a method of making a glass product from the glass precursor gel are disclosed. The glass precursor gel includes a bulk amorphous oxide-based matrix having an inorganic network of primary constituent oxides and includes 30 mol% to 90 wt. % silica and at least one of the following: (A) 0.1 mol% to 25 mol% of one or more alkali oxides in sum total, (B) 0.1 mol% to 25 mol% of one or more alkaline earth oxides in sum total, (C) 1 mol% to 20 mol% boric oxide, (D) 5 mol% to 80 mol% lead oxide, or (E) 0.1 mol% to 10 mol% aluminum oxide, wherein the bulk amorphous oxide-based matrix is homogenously chemically mixed and the glass precursor gel has a density of less than 2.0 g/cm3.

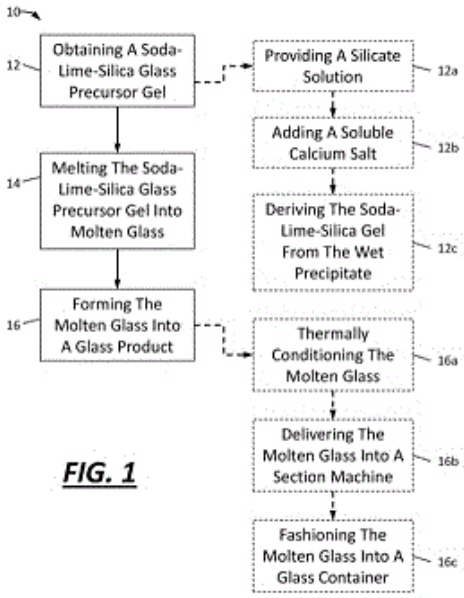
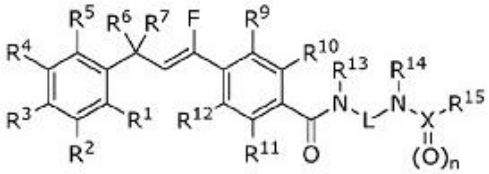


FIG. 1

21: 2018/05571. 22: 21/08/2018. 43: 2020/11/13
51: A01N; C07C
71: DOW AGROSCIENCES LLC
72: THOMAS BARTON, XIN GAO, JIM HUNTER, PAUL R LEPLAE, WILLIAM C LO, JOSHODEEP BORUWA, RAGHURAM TANGIRALA, GERALD B WATSON, JOHN HERBERT
33: US 31: 62/286,655 32: 2016-01-25
33: US 31: 62/286,673 32: 2016-01-25
54: MOLECULES HAVING PESTICIDAL UTILITY, AND INTERMEDIATES, COMPOSITIONS, AND PROCESSES, RELATED THERETO
00: -
This disclosure relates to the field of molecules having pesticidal utility against pests in Phyla Arthropoda, Mollusca, and Nematoda, processes to produce such molecules, intermediates used in such processes, compositions containing such molecules, and processes of using such molecules and compositions against such pests. These molecules and compositions may be used, for example, as acaricides, insecticides, miticides, molluscicides, and nematicides. This document discloses molecules having the following formula ("Formula One").

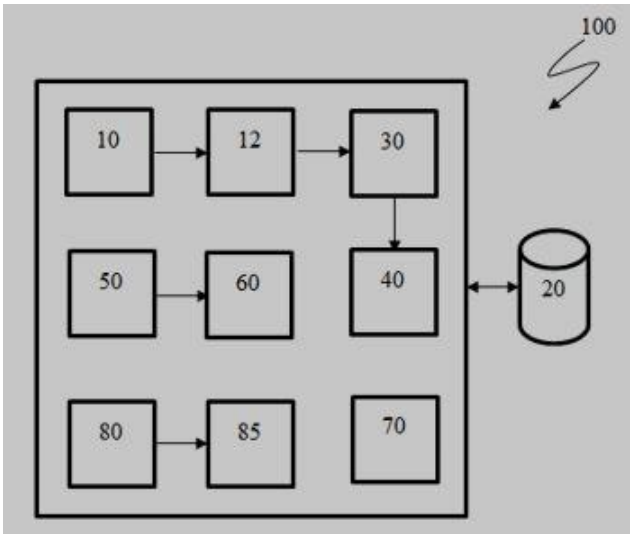

(I)

21: 2018/05909. 22: 2018/09/04. 43: 2020/10/09
51: G06F
71: ZENSAR TECHNOLOGIES LIMITED
72: Srinivasa Raju INDUKURI
33: IN 31: 201721031604 32: 2017-09-06

54: AN AUTOMATED CONVERSATION SYSTEM AND METHOD THEREOF

00: -

The present disclosure envisages an automated conversation system (100) for conversation to service mapping. The technical advantage of the present disclosure is to provide a conversation system for automatically adding a new service. The system comprising a user input module (10) to receive a user input, a conversion engine (12) to generate a machine input, a service repository (20) to store a plurality of services and corresponding default actions, a service selection engine (30) to select at least one service from the plurality of services, a service execution engine (40) to execute the selected service and the corresponding default actions, a service addition module (50) to receive a new service, and a service analyzer (60) to analyzes the service to identify the corresponding default actions to the new service.

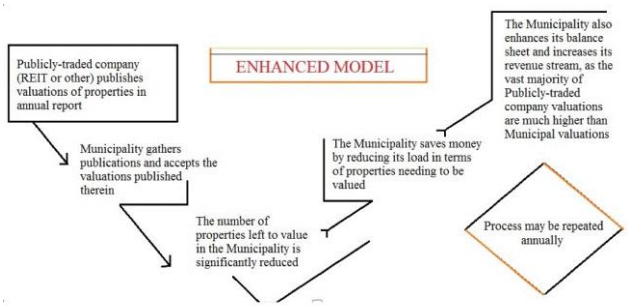


21: 2018/06881. 22: 2018/10/16. 43: 2020/10/27
51: G06Q
71: SMITH, George
72: SMITH, George
33: ZA 31: 2017/07410 32: 2017-10-31
33: ZA 31: 2017/06887 32: 2017-10-11

54: IMPROVED COMPUTER ASSISTED MASS APPRAISAL SYSTEM (CAMA) AND AUTOMATION VALUATION MODEL (AVM)

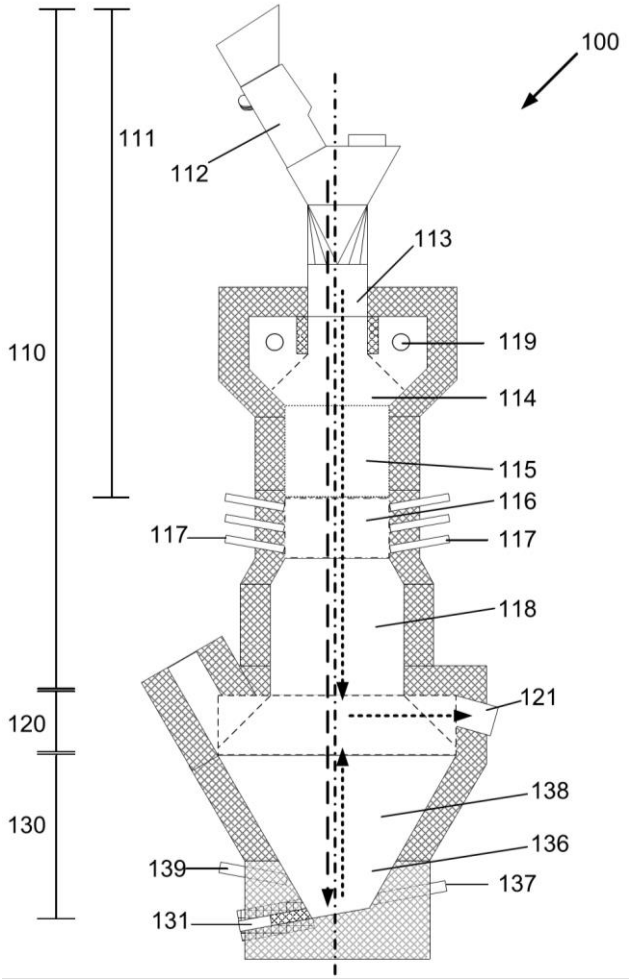
00: -

The invention provides a system and method for Computer Assisted Mass Appraisal Systems (CAMA) and Automation Valuation Models (AVM). The system includes a means to access and assess any one or more of the data sets: annual reports of publicly traded companies, audited financial statements of publicly traded companies, audited financial statements and balance sheets of private companies, audited financial statements and balance sheets of Trusts and other legal entities, personal balance sheets and statements of assets and liabilities of private entities as disclosed and submitted to banks and government authorities, personal balance sheets and statements of assets and liabilities of private persons as disclosed and submitted to banks and government authorities, governmental real estate tax collection systems, or governmental personal and company income tax collection systems. The system further includes a processor configured to analyse the accessed data bases to extract and determine or calculate property values, a processor configured to generate property valuation data, a means for accessing municipal valuation rolls, and a processor configured to compare the generated property valuation data with the municipal valuation rolls and to generate a valuation report in a format useable to municipalities. Furthermore, the system provides an enhanced real estate valuation dataset inclusive of a processor allowing access to real estate valuations data within the public, private and academic research sectors.

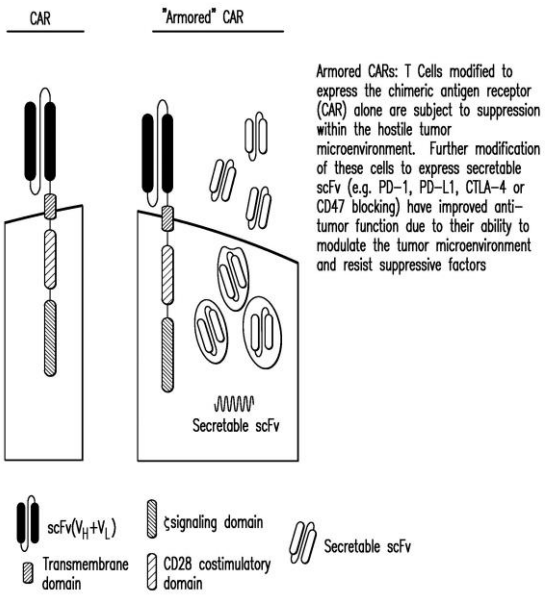


21: 2018/08031. 22: 2018/11/28. 43: 2020/11/13
51: F23G

71: KBI INTERNATIONAL LTD.
72: WEGNER, André
54: REACTOR AND PROCESS FOR GASIFYING AND/OR MELTING OF FEED MATERIALS
00: -
The present invention relates to a reactor (100) for the gasifying and/or melting of feed materials. The reactor comprises: a co-current section (110), comprising a plenum zone (111), comprising a feed zone with a sluice (112), wherein feed materials are introduced into the reactor (100) from above via the feed zone, a buffer zone (113), a pyrolysis zone (114), which adjoins a bottom of the buffer zone (113) to create a cross-sectional enlargement, and an intermediate zone (115) adjoining the pyrolysis zone, an upper oxidation zone (116) adjoining a bottom of the intermediate zone and comprising tuyeres (117) in at least one plane, and an upper reduction zone (118) adjoining a bottom of the upper oxidation zone (116), a gas outlet section (120) comprising at least one gas outlet (121), and a countercurrent section (130) comprising a conical lower reduction zone (138) adjoining the gas outlet section (120) and a conical lower oxidation zone (136) adjoining the lower reduction zone (138) comprising at least one tuyere (137) and at least one tapping (131).



21: 2018/08085. 22: 2018/11/29. 43: 2020/11/03
51: A61K; C12N
71: Memorial Sloan-Kettering Cancer Center
72: BRENTJENS, Renier J., JACKSON, Hollie J.
33: US 31: 61/769,543 32: 2013-02-26
54: COMPOSITIONS AND METHODS FOR IMMUNOTHERAPY
00: -
The present invention provides for methods and compositions for enhancing the immune response toward cancers and pathogens. It relates to immunoresponsive cells bearing antigen receptors, which can be chimeric antigen receptors (CARs), which express introduced ligands for immunomodulatory molecules. In particular embodiments, engineered immunoresponsive cells are antigen-directed and resist immunosuppression and/or have enhanced immune-activating properties.

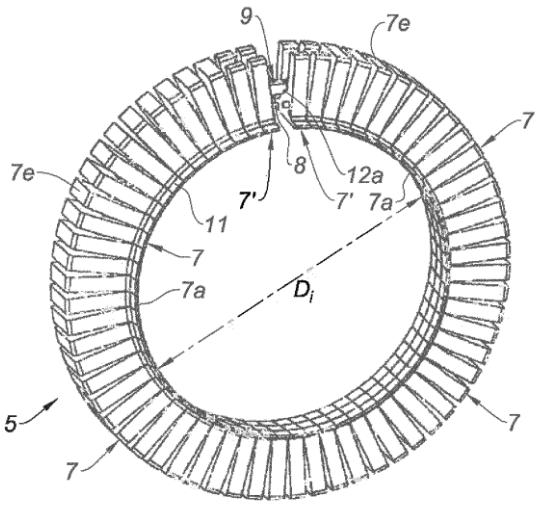


21: 2019/00230. 22: 14/01/2019. 43: 2020/11/27
51: B60C
71: HUTCHINSON
72: LINCK, Manuel, HAYOT, Maxime
33: FR 31: 1656148 32: 2016-06-30

54: RUN-FLAT DEVICE FOR MOTOR VEHICLES AND MOUNTED ASSEMBLY INCORPORATING SAME

00: -

This device (5) comprises a wheel rim (2) having a rim base (3a) of diameter D and a tyre (4) mounted on the rim, the device being suitable for supporting the tyre in a run-flat situation and comprising: - a ring (6) comprising a multitude of axial portions (7) juxtaposed over a circumference of the ring and defining an inner mounting face (7a) on the rim base and an outer support face (7e) of the tyre in a run-flat situation, each portion having at least one support (12a) situated radially between the mounting and support faces, and - at least one belt (9) which surrounds the ring over the circumference thereof so as to support it substantially in contact with the rim base and which passes through the portions by being applied on the supports thereof. According to the invention, the portions are not hinged to one another and are tight or spaced apart from one another over the circumference by a total sum of consecutive spaces, measured between the portions at the mounting face thereof, which is less than p.D/2.



21: 2019/00306. 22: 2019/01/16. 43: 2020/11/09
51: H04L
71: Alibaba Group Holding Limited
72: YANG, Zhenkun, ZHAO, Yuzhong, SHI, Wenhui
33: CN 31: 201610444320.5 32: 2016-06-20

54: DATA PROCESSING METHOD AND DEVICE

00: -

Disclosed are a data processing method and device. The method comprises: receiving a data update request sent by a user; according to the data update request, respectively sending a log update instruction to a master server and at least two slave servers; and when it is determined that a log update operation is completed, respectively sending a data storage instruction to the master server and a first slave server in the at least two slave servers. When a data update request is received, a log update instruction can be sent to a master server and slave servers, so that the master server and the slave servers execute a log update operation. When it is determined that the log update operation is completed, a data storage instruction is sent to the master server and one slave server therein. When data in the slave server is lost, the lost data can be recovered by means of a pre-stored log, thereby ensuring the data consistency between the master server and the slave servers. With regard to data to be updated, only the master server and one slave server store same, thereby efficiently reducing the resources consumed during data storage.

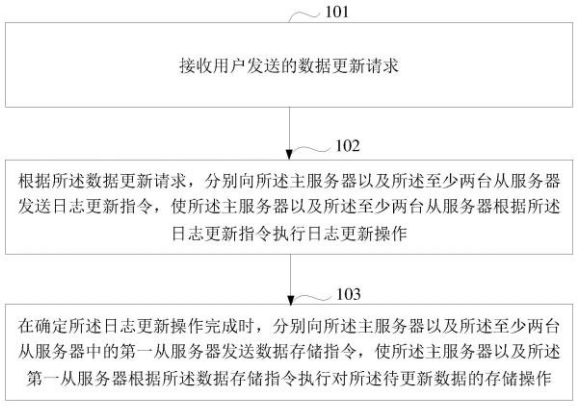


图 1

101 RECEIVING A DATA UPDATE REQUEST SENT BY A USER
102 ACCORDING TO THE DATA UPDATE REQUEST, RESPECTIVELY SENDING A LOG UPDATE INSTRUCTION TO A MASTER SERVER AND AT LEAST TWO SLAVE SERVERS, SO THAT THE MASTER SERVER AND THE AT LEAST TWO SLAVE SERVERS EXECUTE A LOG UPDATE OPERATION ACCORDING TO THE LOG UPDATE INSTRUCTION
103 WHEN IT IS DETERMINED THAT THE LOG UPDATE OPERATION IS COMPLETED, RESPECTIVELY SENDING A DATA STORAGE INSTRUCTION TO THE MASTER SERVER AND A FIRST SLAVE SERVER IN THE AT LEAST TWO SLAVE SERVERS, SO THAT THE MASTER SERVER AND THE FIRST SLAVE SERVER EXECUTE A STORAGE OPERATION ON DATA TO BE UPDATED ACCORDING TO THE DATE STORAGE INSTRUCTION

21: 2019/00364. 22: 18/01/2019. 43: 2020/11/27
51: B01J; C07C
71: PUBLIC JOINT STOCK COMPANY "SIBUR HOLDING"
72: KARDASH, Vladislav Alexandrovich, LENEV, Denis Alekseevich, LIPSKIKH, Maxim Vladimirovich, ACEVEDO FORERO, RAFAEL.
54: METHOD OF OLIGOMERIZATION OF OLEFINS
00: -

The present invention relates to a method of preparing α-olefins by oligomerization of C_2-C_4 olefins. The method is carried out by oligomerization of C_2-C_4 olefins in the presence of a catalyst system comprising a transition metal source, an activator, which is an alkylaluminoxane, and a compound of formula (I), Ar^1Ar^2P-N(R)-PAr^3Ar^4 [formula I], wherein Ar^{1-4} are the same or different and are selected from substituted or unsubstituted C_6-C_{10} aryl, R is selected from linear or branched C_1-C_4 alkyl, substituted or unsubstituted C_6-C_{10} aryl, and substituted or unsubstituted C_3-C_{10} cycloalkyl, wherein the oligomerization is carried out in a solvent, which is a bicyclic compound or a mixture of bicyclic compounds, preferably decalin. The claimed method provides a significant increase in the activity of the catalyst during the oligomerization process and, as a consequence, a reduction in the catalyst unit consumption, as well a reduction in the formation of polymer by-product.

21: 2019/00951. 22: 14/02/2019. 43: 2020/11/27
51: B61H; F16D
71: WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION
72: KOZIOL, MICHAEL ANTHONY, NATSCHKE, SCOTT LEE, GREGAR, PETER PAUL
33: US 31: 15/241,141 32: 2016-08-19
54: SLACK ADJUSTER FOR A BRAKE SYSTEM WITH INCREASED TAKE-UP CAPACITY
00: -

A slack adjuster for use with a railway braking system which has an increased let-out length that enables the use of brake shoes having an increased thickness. The slack adjuster includes at least one of a dual spring and canister assembly, an external yoke trigger, or a combination of both a dual spring and canister assembly and an external yoke trigger. A method of retrofitting a truck mounted brake system is provided, in which the slack adjuster is positioned within the brake system in order to increase the let-out length while maintaining a predetermined spatial envelope within the brake system. The slack adjuster has an increased let-out length enabling the use of thicker brake shoes without requiring modification of the interacting components of the truck mounted brake system since the overall size of the slack adjuster remains the same.

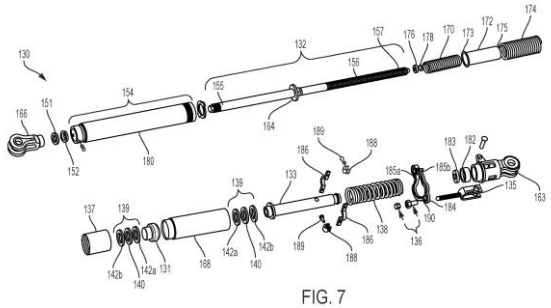


FIG. 7

21: 2019/01239. 22: 2019/02/26. 43: 2020/11/20
51: G01L
71: BURGER, Nicolaas, Daniel, Lombard
72: BURGER, Nicolaas, Daniel, Lombard
33: ZA 31: 2017/07955 32: 2017-11-23
54: BRAKE PERFORMANCE TESTING OF HEAVY VEHICLES
00: -

This invention relates to a vehicle brake performance testing system 10, suitable for testing the brake performance of a test vehicle 16, comprising at least a first testing unit 12 including a base element 26 for receiving on it a wheel 18 of the test vehicle 16, the base element 26 being mounted for displacement along a first axis C, a force exerting mechanism 28 for exerting a force B on the base element 26 whereby it is urged to displace along the first axis C, and force measuring means 30 for measuring the magnitude of the exerted force C.

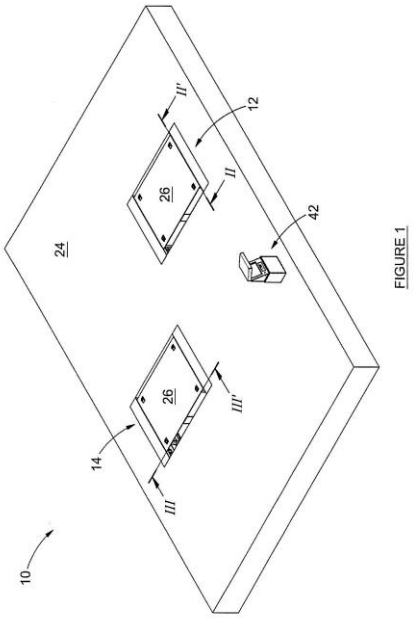


FIGURE 1

21: 2019/01434. 22: 2019/03/07. 43: 2020/12/02
51: A01N; C12M
71: UPKARA, INC.
72: MOHANTY, PRAVANSU S., CHAKRABORTY, NILAY
33: US 31: 62/009,562 32: 2014-06-09
54: CAPILLARY ASSISTED VITRIFICATION PROCESSES AND DEVICES
00: -
Disclosed are devices and methods for non-cryogenic vitrification of biological materials that include the steps of providing one or more capillary channels of which a first opening is operably in contact with a moisture containing vitrification mixture made of a biological material and a vitrification agent. The capillary absorbs and transports the moisture to the second opening through capillary action, and the moisture is subsequently evaporated into a surrounding low humidity atmosphere until the vitrification mixture enters into a vitrified state.

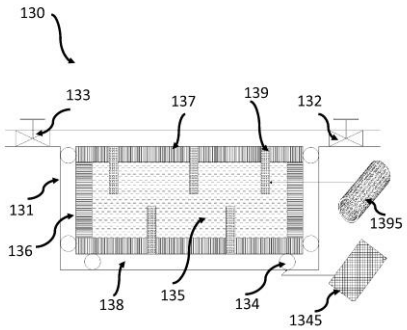
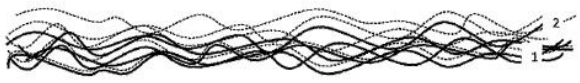


FIG. 13

21: 2019/01495. 22: 11/03/2019. 43: 2020/12/18
51: A61F; B32B; D04H
71: PFNONWOVENS CZECH S.R.O.
72: Zdenek MECL, Frantisek KLASKA, Jana KROUTILOVA
33: CZ 31: PV 2016-612 32: 2016-09-30
54: SPUNBOND NONWOVEN WEB FOR AN ACQUISITION/DISTRIBUTION LAYER
00: -
A spunbond nonwoven web for an acquisition/distribution layer, the web comprising a first layer (1) of filaments, wherein the first layer (1) consists of continuous crimped bi-component filaments of an eccentric core /sheath structure, the filaments having a diameter in the range of 15 to 35 microns and exhibiting at least 3 crimps/cm, a second filament layer (2) arranged in direct contact on the first layer (1), wherein the second layer (2) of filaments comprises continuous crimped bi-component filaments of an eccentric core /sheath structure, the filaments having a diameter, which is smaller than the diameter of the filaments in the first layer (1) and which is in the range of to 20 microns and exhibiting at least 3 crimps/cm.

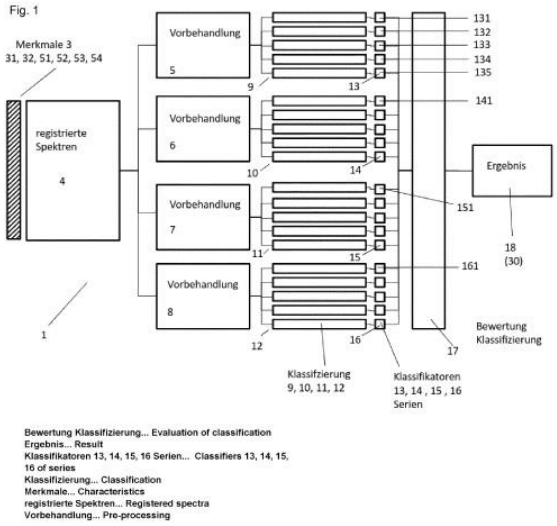


21: 2019/01496. 22: 11/03/2019. 43: 2020/12/18
51: G06K
71: TECHNISCHE UNIVERSITÄT DRESDEN
72: Gerald STEINER, Grit PREUSSE, Edmund KOCH, Roberta GALLI, Christian SCHNABEL, Johanna PREUSSE
33: DE 31: 10 2016 011 348.0 32: 2016-09-16

54: METHOD FOR CLASSIFYING SPECTRA OF OBJECTS HAVING COMPLEX INFORMATION CONTENT

00: -

The invention relates to a method for classifying spectra of objects having complex information content after registration of the spectra by using a method for pre-processing data and by using a method, associated with the data pre-processing, for classification with the calculation of a classifier. After the registration of the spectra and the pre-processing of the spectra, a multiple classification method is performed, having at least two different methods of the data pre-processing of the spectra and of the method, associated with the particular data-preprocessing, for classification. After the registration and the data pre-processing of the spectra, the following steps are performed: calculating a plurality of classifiers of the series per type of data pre-processing, determining the classifiers of the series with iterative adjustment and validation, calculating probabilities of the class association, all classifiers of the series or classifiers being equally incorporated in the determination of a classification result.

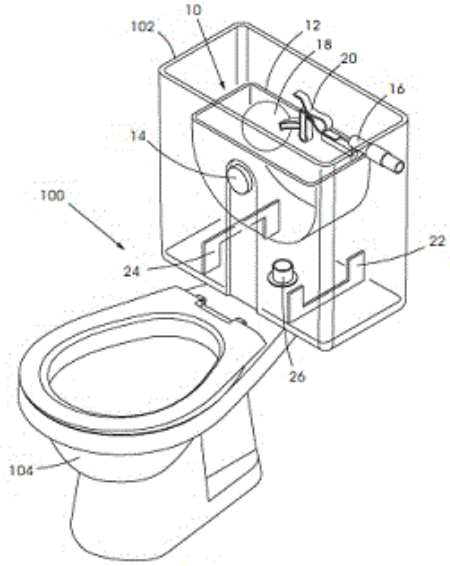


21: 2019/01523. 22: 2019/03/12. 43: 2020/11/30
51: E03D
71: CONVER-TEK (PTY) LTD
72: DAVIS, BEVAN
33: ZA 31: 2018/00618 32: 2018-01-30

54: FLUSHING SYSTEM AND A TOILET INCORPORATING THE SAME

00: -

This invention relates to a flushing system for a toilet. More particular, but not exclusively, the invention relates to an optimized, low-water usage flushing system for a toilet. The flushing system includes a tank configured to hold water, the tank being rotatably located within the cistern, and being rotatable between an upright position in which water is in use retained in the tank, and a tilted position, wherein the container is rotated in order for water to be decanted therefrom in use. The flushing system also includes a conduit extending from an outlet of the cistern upwardly into the cistern so as to define a damping reservoir in the operatively lower end of the cistern. The damping reservoir is formed by the space between the cistern and an outer wall of the conduit, in order for the damping reservoir, in use, to contain a volume of water which substantially surrounds the conduit.

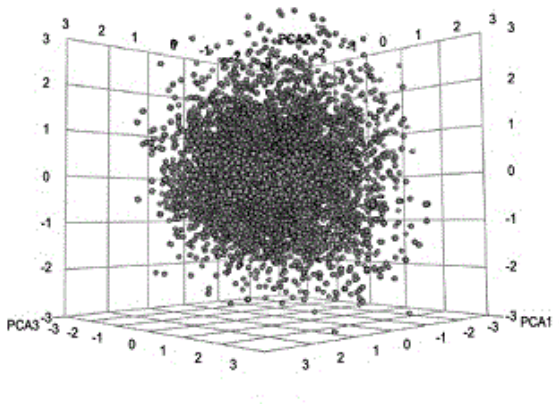


21: 2019/01731. 22: 20/03/2019. 43: 2020/11/03
51: A01H; C12N
71: DOW AGROSCIENCES LLC
72: SASTRY-DENT, LAKSHMI, CAO, ZEHUI, SRIRAM, SHREEDHARAN, WEBB, STEVEN R, CAMPER, DEBRA L, ELANGO, NAVIN
33: US 31: 61/899,575 32: 2013-11-04
33: US 31: 61/899,541 32: 2013-11-04

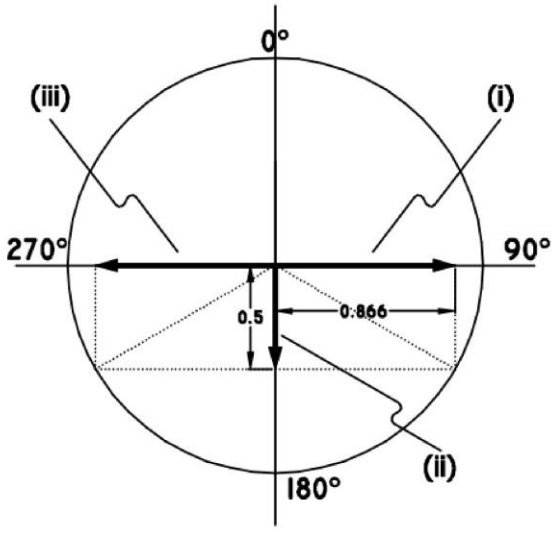
54: OPTIMAL MAIZE LOCI

00: -

As disclosed herein, optimal native genomic loci have been identified in monocot plants, such as maize plants, that represent best sites for targeted insertion of exogenous sequences.



21: 2019/01759. 22: 2019/03/20. 43: 2020/12/02
51: H02J; H02M
71: TRiiiON HOLDINGS PTY LTD
72: STEINBERG,Shmuel
33: US 31: 61/333,288 32: 2010-05-11
54: METHODS AND APPARATUS FOR SUPPLYING THREE PHASE POWER
00: -
The present invention provides methods and apparatus for converting a single phase power supply source into a three phase power supply source. The single phase power supply source is utilised as a first output of the three phase power supply source, whilst the second and third outputs of the three phase power supply source are created utilising part of the single phase power supply source combined with a phase shifting inverting circuit.



21: 2019/01806. 22: 2019/03/25. 43: 2020/11/20
51: B03D; C02F; C10G; C22B
71: 2678380 ONTARIO INC.
72: KOSICK, Glenn A., DOBBY, Glenn S., MCINNES, Catherine A.
33: US 31: 62/397,394 32: 2016-09-21
54: METHOD AND APPARATUS FOR DIRECT RECOVERY OF MINERAL VALUES AS A BUBBLE-SOLIDS AGGREGATE
00: -
A method and apparatus for the recovery of hydrophobic particles from a slurry comprised of water, the hydrophobic particles, and a hydrophilic component. Slurry is exposed to a gas stream to permit bubbles to adhere to the hydrophobic particles. The slurry generally flows vertically through a vessel at a velocity that maintains gas hold-up at least between 30 and 70% to maintain a bubbly flow without a slurry froth interface so that a portion of the water of the slurry, together with entrained gas bubbles attached to hydrophobic particles, flows out of the vessel with a portion of the water of the slurry and the hydrophilic component remaining in the vessel. Water from the slurry and gas bubbles attached to hydrophobic particles flowing through the vessel is discharged and collected for processing. A portion of the hydrophilic component is extracted as tailings for disposal or subsequent processing.

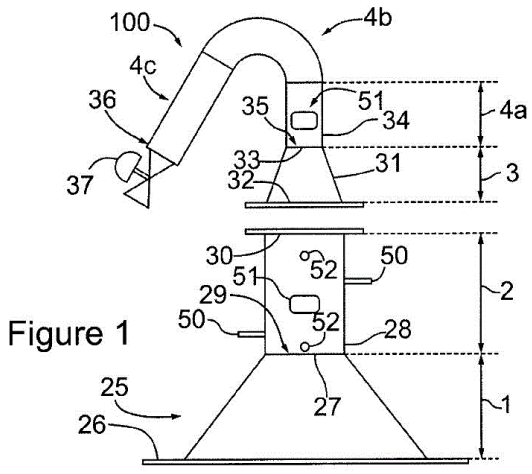


Figure 1

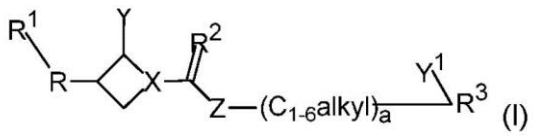
21: 2019/01848. 22: 2019/03/26. 43: 2020/11/20
51: A61K; C07D
71: GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED

72: HANCOCK, Ashley, Paul, DEATON, David, Norman, GUO, Yu, SCHULTE, Christie, SHEARER, Barry, George, THOMSON, Stephen, Andrew, SMITH, Emilie, Despagnet, STEWART, Eugene L.
33: US 31: 62/407,634 32: 2016-10-13

54: 1,3 DI-SUBSTITUTED CYCLOBUTANE OR AZETIDINE DERIVATIVES AS HEMATOPOIETIC PROSTAGLANDIN D SYNTHASE INHIBITORS

00: -

A compound of formula (I), wherein R, R1, R2, R3, Y, Y1, a, X, and Z are as defined herein. The compounds of the present invention are inhibitors of hematopoietic prostaglandin D synthase (H-PGDS) and can be useful in the treatment of Duchenne Muscular Dystrophy. Accordingly, the invention is further directed to pharmaceutical compositions comprising a compound of the invention. The invention is still further directed to methods of inhibiting H-PGDS activity and treatment of disorders associated therewith using a compound of the invention or a pharmaceutical composition comprising a compound of the invention.



21: 2019/01852. 22: 26/03/2019. 43: 2020/11/27
51: B60P; G01N
71: BLY IP INC.
72: KANCK, Peter, ZAWADZKI, Ry
33: US 31: 62/385,641 32: 2016-09-09

54: SYSTEMS AND METHODS FOR ANALYZING CORE USING X-RAY FLUORESCENCE

00: -

A core analysis system having a trailer and an analysis assembly secured to the trailer. The analysis assembly includes an X-ray Fluorescence (XRF) detection subassembly defining a sample analysis area. The analysis assembly further includes a conveyor subassembly configured to selectively deliver one or more core samples to the sample analysis area of the XRF detection subassembly.

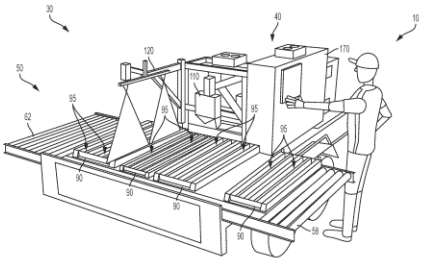


FIG. 1A

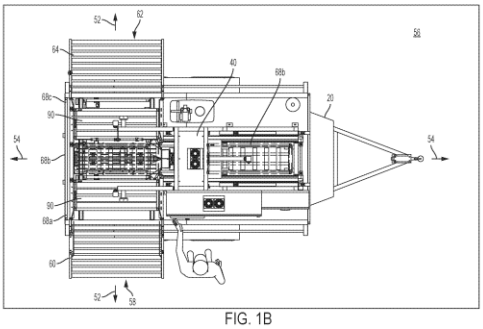


FIG. 1B

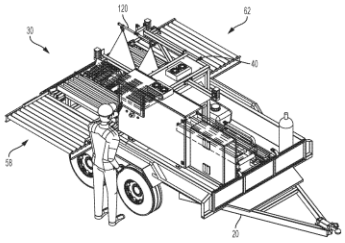


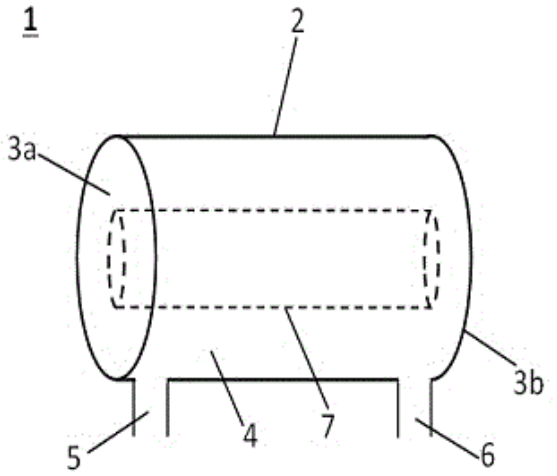
FIG. 1C

21: 2019/01883. 22: 2019/03/27. 43: 2020/11/30
51: B01J
71: ABSOGER, INSTITUT NATIONAL POLYTECHNIQUE DE TOULOUSE, UNIVERSITE PAUL SABATIER TOULOUSE III, CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS
72: GERBAUD, SYLVAIN, BENOIT-MARQUIE, FLORENCE, ANDRIANTSIFERANA, CAROLINE, DESTRAC, PHILIPPE, LOUBIERE, KARINE, LAFOSSAS, CLAIRE, DELMAS, HENRI, MANERO, MARIE-HÉLÈNE
33: EP 31: 18305351.1 32: 2018-03-28

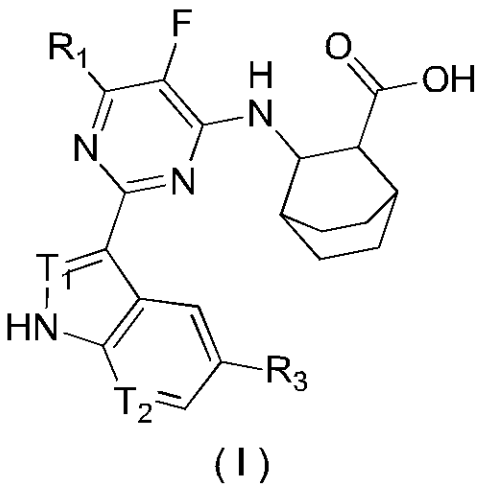
54: REACTOR AND PROCESS FOR PHOTOCHEMICAL DEGRADATION OF ETHYLENE

00: -

The present invention relates to a reactor and a process for photochemical degradation of ethylene that can be used with rooms for storing climacteric fruits and/or cut flowers.

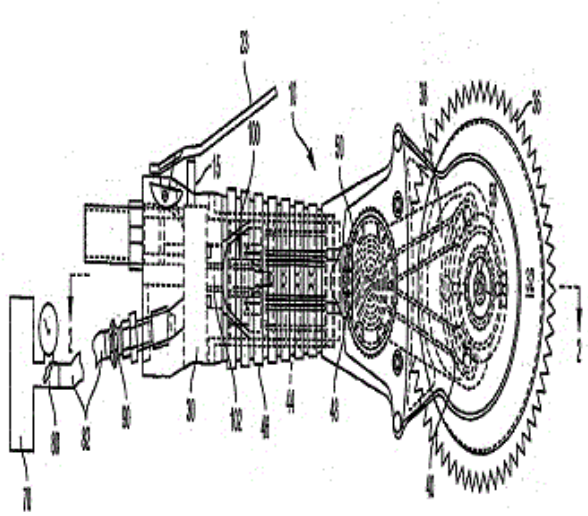


21: 2019/01886. 22: 27/03/2019. 43: 2020/11/27
51: C07D; A61P
71: GUANGDONG RAYNOVENT BIOTECH CO., LTD.
72: XIONG, Jian, LONG, Chaofeng, WANG, Jingjing, CHEN, Xiaoxin, CHEN, Kevin X, XIE, Cheng, LI, Peng, PENG, Xuanjia, LI, Jian, CHEN, Shuhui
33: CN 31: 201610804101.3 32: 2016-09-05
33: CN 31: 201611238759.9 32: 2016-12-28
54: ANTI-INFLUENZA VIRUS PYRIMIDINE DERIVATIVES
00: -
The present invention discloses a class of anti-influenza virus compounds, and the use thereof in the preparation of a drug for treating diseases associated with influenza viruses. In particular, the present invention discloses a compound represented by formula (I) and a pharmaceutically acceptable salt thereof.

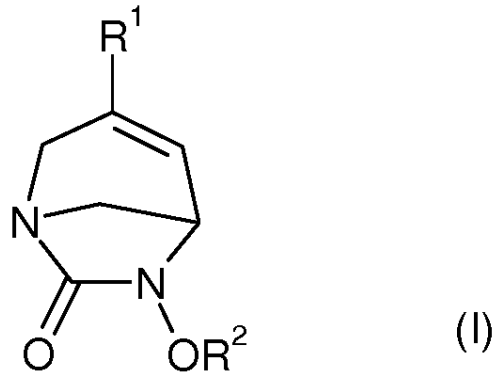


(I)

21: 2019/01950. 22: 28/03/2019. 43: 2020/11/27
51: G05D; A22B
71: JARVIS PRODUCTS CORPORATION
72: GRINASKI, TIMOTHY
33: US 31: 15/826,906 32: 2017-11-30
33: US 31: 62/431,675 32: 2016-12-08
54: DEHIDER REGULATOR VALVE
00: -
An air pressure regulator for a dehider includes a valve to open and close the flow of pressurized air in an air inlet, a first spring urging the valve in the direction of air flow through the inlet to close the valve, a plunger operable to move the valve from a closed to an open position against the direction of air flow, a piston connected to the valve exposed to the air flow, and a second spring between the piston and the plunger. Upon depressing the plunger, the second spring urges the piston to open the valve against the air flow direction to permit pressurized air to flow through the regulator. The maximum allowable air pressure through the regulator is determined by spring forces of the first and second springs and resistance of the piston to the flow of air through the valve.



21: 2019/01963. 22: 29/03/2019. 43: 2020/11/27
51: C07D; A61P
71: MUTABILIS
72: BARBION, Julien, CARAVANO, Audrey, CHASSET, Sophie, CHEVREUIL, Francis, FAIVRE, Fabien, LEBEL, Rémi, LECOINTE, Nicolas, LEDOUSSAL, Benoît, LE-STRAT, Frédéric, SIMON, Christophe, OLIVEIRA, Chrystelle, LE FRALLIEC, Géraldine, BRIAS, Julie, FARESCOUR, Laurence, VOMSCHEID, Sophie, RICHARD, Sébastien
33: EP 31: 16306261.5 32: 2016-09-30
54: HETEROCYCLIC COMPOUNDS AND THEIR USE IN PREVENTING OR TREATING BACTERIAL INFECTIONS
00: -
The invention relates to a compound of formula (I) and a racemate, an enantiomer, a diastereoisomer, a geometric isomer or a pharmaceutically acceptable salt thereof, and its use as antibacterial agent.

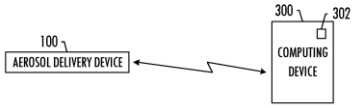


(I)

21: 2019/02008. 22: 2019/03/29. 43: 2020/12/02
51: A61K; C11D; A61P
71: OXYMO TECHNOLOGIES INC.
72: WILMOTTE, RÉMI, LORENZO, FRÉDÉRIC, CHRETIEN, DENIS OLIVIER
33: FR 31: 16 52697 32: 2016-03-29
54: COMPOSITION, IN PARTICULAR A PREVENTIVE AND CURATIVE PHARMACEUTICAL COMPOSITION, MADE FROM PEROXOMETALLATE
00: -
The invention relates to a mixture or a composition, preferably therapeutically active via a topical route, comprising: - at least one metal salt, the metal being selected from among molybdenum (Mo), tungsten (W), vanadium (V), gold (Au), a lanthanide, in particular lanthanum; - at least one chelating agent; - at least one source of peroxidizing radicals; - at least one buffering agent; as well as pharmaceutical compositions formed by this mixture or comprising it, its method for manufacturing and its applications, in particular for a method for therapeutic treatment of a viral infection, and in particular involving a virus from the Herpesviridae family; or anti-inflammatory treatment.

21: 2019/02048. 22: 02/04/2019. 43: 2020/11/27
51: A24F
71: RAI STRATEGIC HOLDINGS, INC.
72: SUR, Rajesh, HUNT, Eric T., SEARS, Stephen B.
33: US 31: 15/291,771 32: 2016-10-12
54: PHOTODETECTOR FOR MEASURING AEROSOL PRECURSOR COMPOSITION IN AN AEROSOL DELIVERY DEVICE
00: -
An aerosol delivery device (100) is provided that includes at least one housing enclosing a reservoir (218) configured to retain an aerosol precursor composition, and a heating element (222) controllable to activate and vaporize components of the aerosol precursor composition. The aerosol delivery device (100) includes a light source (248) configured to emit light into the reservoir (218), and a photodetector (250) configured to detect a reflection of the light, and that indicates an amount of aerosol precursor composition retained in the reservoir (218). And the aerosol delivery device (100) includes a control component (208) coupled to the photodetector (250) and configured to control operation of at least one functional element of the aerosol delivery device (100) based on the

reflection, and thereby the amount of aerosol precursor composition.



21: 2019/02054. 22: 02/04/2019. 43: 2020/11/27
51: B65B
71: MEXICHEM FLUOR S.A. DE C.V.
72: DOWDLE, Paul Alan, CORR, Stuart, WATKINSON, Paul
33: GB 31: 1616581.3 32: 2016-09-29
54: A PROPELLANT FILLING APPARATUS
00: -
A propellant filling apparatus (10) comprising a filling booth (11) for receiving within it one or more containers for filling with a propellant; a propellant inlet (12) to the filling booth (11) that is capable of supplying propellant into one or more containers within the filling booth (11) from a propellant supply; an inert gas inlet (13) supplying inert gas from an inert gas supply (14) into the filling booth (11), a discharge outlet (16) from the filling booth (11); an extraction fan (17) that is capable of adjusting its fan speed to maintain the pressure of gas in the filling booth (11) to be lower than atmospheric pressure; and an oxygen detector (27) that is capable of detecting levels of oxygen in the filling booth (11) and triggering circulation of inert gas in the filling booth (11) when the level of oxygen in the filling booth (11) falls below an oxygen threshold level.

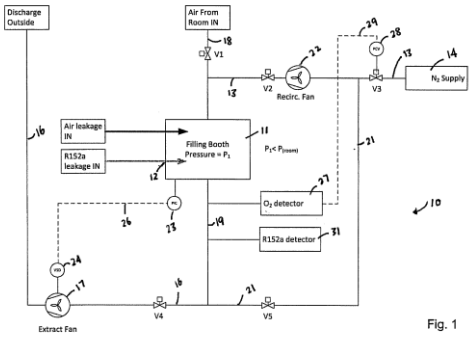


Fig. 1

21: 2019/02085. 22: 2019/04/03. 43: 2020/10/27
51: A61K C07C C07D A61P
71: THE UNIVERSITY OF SYDNEY
72: DUKE, Colin Charles, DUKE, Rujee Kyokajee, TRAN, Van Hoan
33: AU 31: 2016903585 32: 2016-09-07
54: MEDICINAL USE OF SERRULATANE DITERPENES
00: -
The invention relates to terpenes and uses thereof.

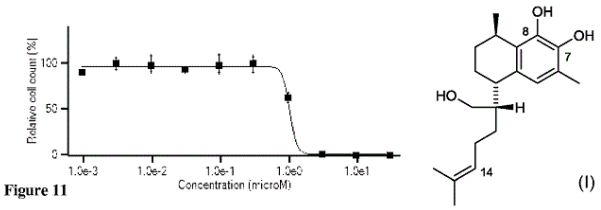
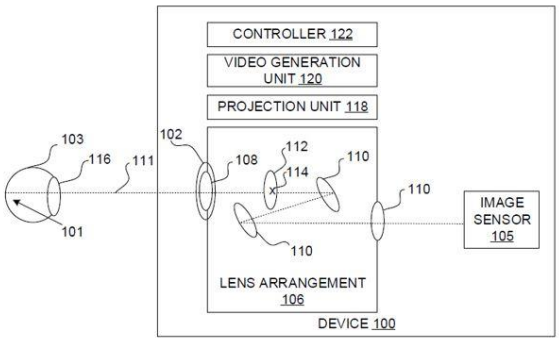


Figure 11

21: 2019/02107. 22: 2019/04/04. 43: 2020/11/27
51: A61B
71: STELLENBOSCH UNIVERSITY
72: SWART, Wayne, FOURIE, Pieter Rousseau
33: ZA 31: 2018/02249 32: 2018-04-06
54: A FUNDUS IMAGING DEVICE AND METHOD
00: -
A fundus imaging device and associated method are provided. The fundus imaging device includes a light source configured to illuminate at least a portion of a patient's fundus with light and a lens arrangement configured to be interposed between an eye of a patient and an image sensor. The lens arrangement includes an eyepiece and a display which is located in an optical path extending between the eyepiece and the image sensor. The display is configured to display a visual target. The visual target is displayed at a focal length selected to cause cooperation of the eye with the lens arrangement to thereby focus light reflecting off the fundus for acquisition by the image sensor.

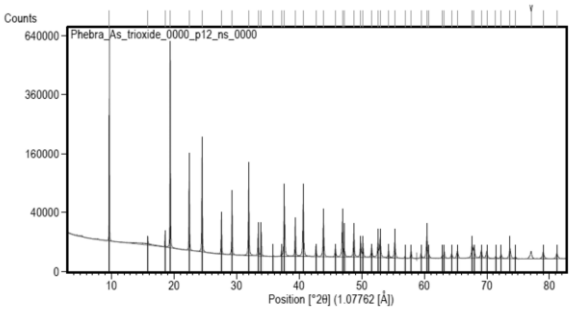


21: 2019/02128. 22: 04/04/2019. 43: 2020/11/27
51: A61K
71: SPHERITECH LTD

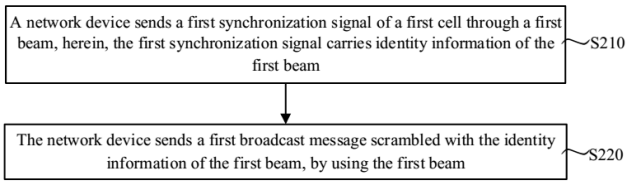
72: WELLINGS, Donald A
33: GB 31: 1615050.0 32: 2016-09-05
54: MICROPARTICLES
00: -
The invention provides a blood substitute product comprising haemoglobin and a self-assembled microparticle having an acid having two or more acid groups and an organic base in a solvent. The particle is of micron scale. The microparticle may be obtained by contacting a bis-acid and organic base in a hydrophilic solvent, wherein the acid is insoluble or sparingly soluble in the hydrophilic solvent and the organic base is soluble in a hydrophilic solvent.

21: 2019/02130. 22: 04/04/2019. 43: 2020/11/27
51: A16K; C08G; C11D; A61Q
71: SPHERITECH LTD
72: WELLINGS, Donald A
33: GB 31: 1615047.6 32: 2016-09-05
54: MICROPARTICLE COMPOSITION AND USE THEREOF
00: -
The invention provides a personal care product or a home care product having self- assembled microparticles having an acid having two or more acid groups and an organic base in a solvent. The microparticles may form into a macrostructure and provide a support for carrying components of a personal care or home care composition. The particle is of micron scale. The microparticle may be obtained by contacting a bis-acid and organic base in a hydrophilic solvent, wherein the acid is insoluble or sparingly soluble in the hydrophilic solvent and the organic base is soluble in a hydrophilic solvent.

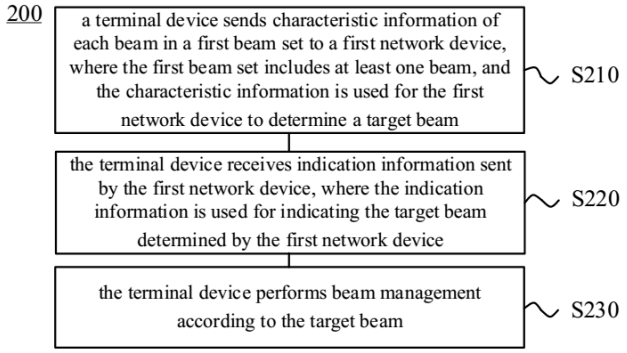
21: 2019/02156. 22: 05/04/2019. 43: 2020/11/27
51: A61K; A61P
71: EUPHARMA PTY LTD
72: EUTICK, Malvin
33: AU 31: 2016904945 32: 2016-12-01
54: ARSENIC COMPOSITIONS
00: -
The present invention is predicated on the realisation that problems with the poor water solubility of arsenic trioxide and the extreme difficulty in dissolving arsenic trioxide in anything other than a very basic solution, could be overcome by forming a much more soluble diarsenic tetraoxide, including the compound NaHAs2O4, prior to its delivery to a patient. Pharmaceutical compositions with such compounds and their use in the treatment of cancers is disclosed.



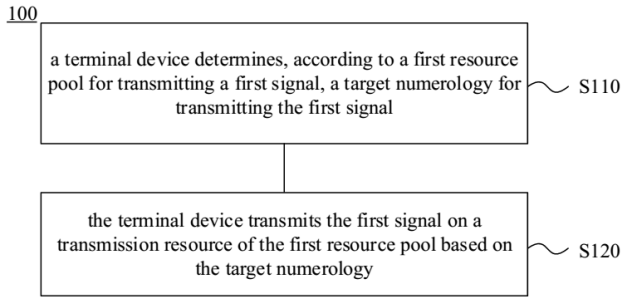
21: 2019/02157. 22: 05/04/2019. 43: 2020/11/27
51: H04B; H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: TANG, Hai, XU, Hua
54: SIGNAL TRANSMISSION METHOD, NETWORK DEVICE, AND TERMINAL DEVICE
00: -
The present invention provides a signal transmission method, a network device, a terminal device, and a communication system. The signal transmission method comprises: a network device sends a first synchronization signal of a first cell by using a first beam, the first synchronization signal carrying identifier information of the first beam; the network device sends, by using the first beam, a first broadcast message scrambled by means of the identifier information of the first beam; a terminal device receives a first synchronization signal sent by the network device, and obtaining the identifier information of the first beam carried in the first synchronization signal; and the terminal device detects the first broadcast message according to the identifier information of the first beam. The signal transmission method, the network device, the terminal device and the communication system in the present invention, signal transmission quality can be improved.



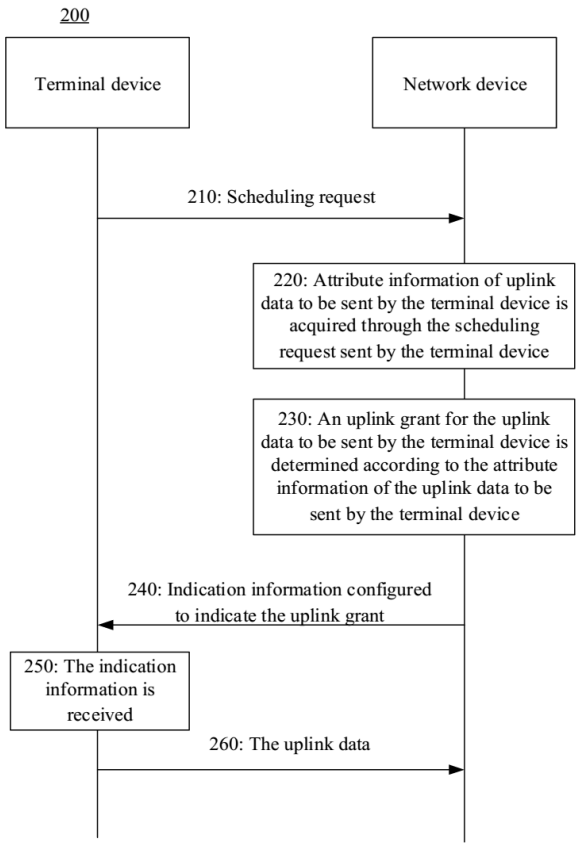
21: 2019/02158. 22: 05/04/2019. 43: 2020/11/27
51: H04B
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: YANG, Ning, XU, Hua
54: METHOD FOR MANAGING WAVE BEAM, TERMINAL DEVICE AND NETWORK DEVICE
00: -
Provided are a method for managing a wave beam, a terminal device and a network device. The method comprises: a terminal device sending, to a first network device, characteristic information about each wave beam in a first wave beam set, wherein the first wave beam set comprises at least one wave beam, and the characteristic information is used for the first network device to determine a target wave beam; the terminal device receiving indication information sent by the first network device, wherein the indication information is used for indicating the target wave beam determined by the first network device; and the terminal device performing wave beam management according to the target wave beam. In the embodiments of the present application, by means of sending characteristic information about a wave beam, a terminal device determines an optimal target wave beam for the terminal device, and then performs wave beam management according to the target wave beam, thereby improving the quality of signal transmission.



21: 2019/02160. 22: 05/04/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: TANG, Hai
54: SIGNAL TRANSMISSION METHOD AND APPARATUS
00: -
Provided in the embodiments of the present invention are a signal transmission method and apparatus, the method comprising: a terminal device, according to a first resource pool used in transmitting a first signal, determining a target base parameter set of the first signal; the terminal device transmitting the first signal on a transmission resource of the first resource pool on the basis of the target base parameter set, which may improve flexibility in selecting a base parameter set to a certain extent.



21: 2019/02161. 22: 05/04/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: YANG, Ning, XU, Hua
54: DATA TRANSMISSION METHOD, TERMINAL DEVICE AND NETWORK DEVICE
00: -
Provided are a data transmission method and devices, which reduce data transmission delay. The method comprises: a terminal device notifies a network device of attribute information of uplink data to be sent of the terminal device via a scheduling request; the terminal device receives indication information sent by the network device, the indication information being used for indicating uplink authorisation for the uplink data to be sent; the terminal device sends the uplink data to be sent according to the uplink authorisation.

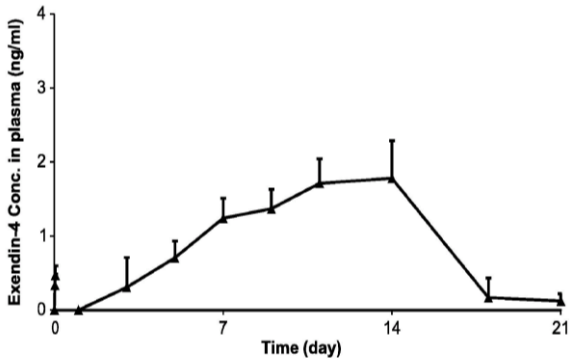


21: 2019/02486. 22: 2019/04/17. 43: 2019/10/28
51: A61K; A61P
71: Peptron, Inc., The United States of America, as represented by the Secretary, Department of Health & Human Services
72: KIM, Dong Seok, KIM, Hee Kyung, GREIG, Nigel H.
33: US 31: 62/410,748 32: 2016-10-20

54: METHODS OF DELIVERING A NEUROPROTECTIVE POLYPEPTIDE TO THE CENTRAL NERVOUS SYSTEM

00: -

The present disclosure provides a method for delivering a neuroprotective polypeptide to at least a portion of a central nervous system (CNS) of a subject. The method includes administering to the systemic blood circulation of the subject a therapeutically effective amount of a neuroprotective polypeptide by a controlled-release formulation or a device providing a sustained release of the neuroprotective polypeptide including at least one neuroprotective polypeptide selected from the group consisting of GLP-1, exendin-4, or a therapeutically effective GLP-1 or exendin-4 analogue; the neuroprotective polypeptide binds to and activates a receptor that binds at least one of GLP-1, exendin-4, or a combination thereof; and the controlled-release neuroprotective formulation or the sustained release of the neuroprotective polypeptide enhances the delivery of the neuroprotective polypeptide across a blood-brain barrier (BBB) of the subject to at least a portion of the CNS relative to a rapid release formulation of the neuroprotective polypeptide. Also disclosed is a method of treating a subject with a CNS-related disease or reducing at least one symptom of a CNS-related disease in a subject in need thereof.

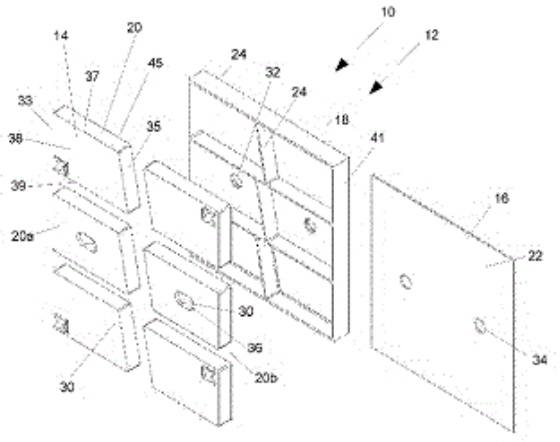


21: 2019/02536. 22: 23/04/2019. 43: 2020/11/27
51: B65G
71: METSO MINERALS OY
72: EVANS, ANTHONY, TYRRELL, MICHAEL
33: AU 31: 2016101848 32: 2016-10-21
33: AU 31: 2016101850 32: 2016-10-21

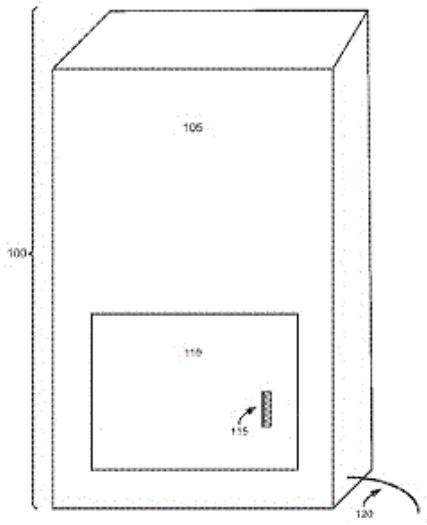
54: WEAR ASSEMBLY AND METHOD OF FORMING A WEAR ASSEMBLY

00: -

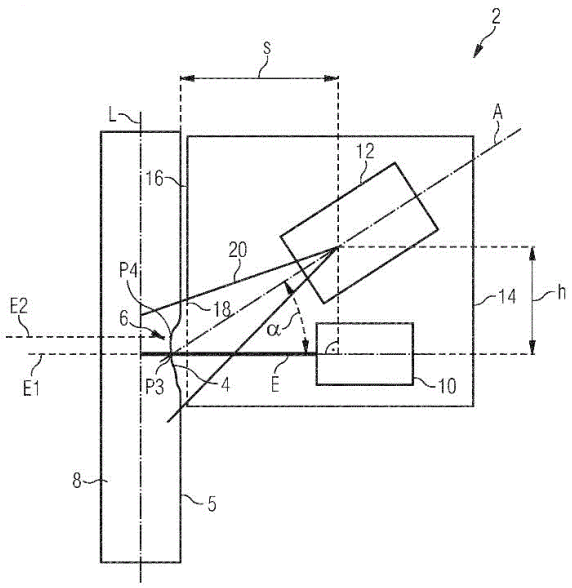
In an aspect there is disclosed a wear assembly (10) for coupling to an external structure with a fastener (13) in a fitted condition. In one example, the wear assembly (10) includes: a wear layer (14) including a series of wear sections (20) formed of a cast wear resistant material; a backing layer (16) including a metal material; and a bonding layer (18) including rubber that is vulcanised substantially between the wear layer (14), the backing layer (16) and at least in joints (23) between adjacent ones of the series of wear sections (20). A second example of the wear assembly (110) and methods of forming such wear assembles (10, 110) are also disclosed.



21: 2019/02631. 22: 25/04/2019. 43: 2020/11/30
51: F25D; F28D
71: TOKITAE LLC
72: CHOU, FONG-LI, HINMAN, RODERICK T, HU, JENNIFER EZU, LARUSSON, FRIDRIK, LIU, SHIENG, PAL, BRIAN L, PETERS, MATTHEW W, PETERSON, NELS R
33: US 31: 62/401,367 32: 2016-09-29
33: US 31: 15/717,192 32: 2017-09-27
54: DEVICES FOR USE WITH REFRIGERATION DEVICES INCLUDING TEMPERATURE-CONTROLLED CONTAINER SYSTEMS
00: -
A refrigeration device includes a thermal transfer unit with an evaporative region, an adiabatic region, and a condensing region with a reversible valve attached to the adiabatic region. The device includes a container sealed around PCM, with a set of refrigeration coils of a compressor unit in thermal contact with the PCM. A storage region is in thermal contact with the evaporative region of the thermal transfer unit. A controller is operably connected to the reversible valve and the refrigeration compressor unit. The storage region can be used to store cold packs within a predetermined temperature range for medical outreach.

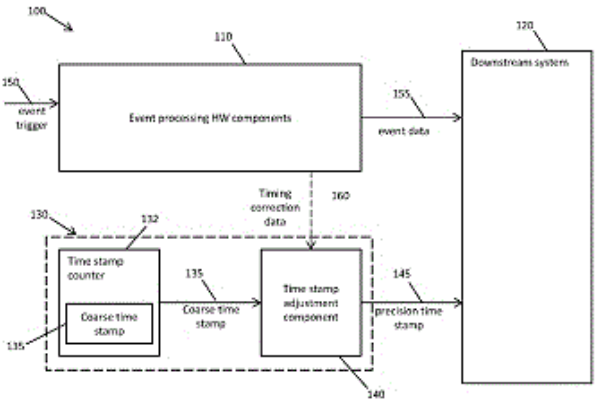


21: 2019/02712. 22: 2019/04/30. 43: 2020/11/20
51: G01B; G21C
71: FRAMATOME GmbH
72: HUMMEL, Wolfgang
33: DE 31: 10 2016 121 659.3 32: 2016-11-11
54: DEVICE AND METHOD FOR DETECTING AND/OR EXAMINING AN ABRASION ON THE SURFACE OF A CYLINDRICAL COMPONENT
00: -
The invention relates to a device (2) and a method for detecting and/or examining an abrasion (4) on the surface of a cylindrical component (8), in particular of a rod-shaped component of a nuclear power plant, in particular a fuel rod, a control rod, a neutron source rod, an absorber rod, and/or a lance, comprising a light source (10) for projecting light onto a surface region (6) of the cylindrical component (8), and an image capturing unit (12), in particular a camera for capturing an image of the surface region (6) on which light is being projected and/or for examining the surface region (6) of the cylindrical component (8). The light source (10) is a split lamp which emits light on a light emission plane (E), and the optical axis (A) of the image capturing unit (12) is oriented at an angle (a) relative to the light emission plane (E) of the light source (10).



21: 2019/03004. 22: 2019/05/14. 43: 2020/11/09
51: C12C
71: Nestec S.A.
72: HEMPEN, Ansgar, ULMER, Helge, HAAS, Stefan
33: EP(CH) 31: 16200902.1 32: 2016-11-28
54: METHOD OF PREPARING CEREAL EXTRACT
00: -
The invention relates to a method of preparing a wort from cereals, comprising the steps of: providing a grist comprising non-malted cereals; preparing a mixture by contacting the grist with water and with an alpha-amylase, a protease and a filtration aid enzyme, to yield a mash after incubation; incubating said mixture at 45-55°C for a period of 10-30 minutes, at 60-70°C for a period of 20-40 minutes and at 80-90°C for a period of 5-15 minutes; filtering the mash to obtain a liquid wort; and collecting the wort.

21: 2019/03063. 22: 16/05/2019. 43: 2020/11/30
51: G06F
71: ZOMOJO PTY LTD
72: CHAPMAN, MATTHEW
33: AU 31: 2016904210 32: 2016-10-17
54: PRECISION TIME STAMPING METHOD AND SYSTEM
00: -
A method of determining a time stamp for an event in a digital processing system, the method comprising the steps of: obtaining a coarse time stamp from a time stamp counter; obtaining timing correction data from one or more hardware components of the system; and adjusting the coarse time stamp value based on the timing correction data to provide a precision time stamp value.



21: 2019/03099. 22: 17/05/2019. 43: 2020/11/27
51: C07D
71: ABIDE THERAPEUTICS, INC.
72: GRICE, Cheryl A., BUZARD, Daniel J., SHAGHAFI, Michael B.
33: US 31: 62/423,102 32: 2016-11-16
54: MAGL INHIBITORS
00: -
Provided herein are spirocyclic and fused bicyclic carbamates and pharmaceutical compositions comprising said compounds. The subject compounds and compositions are useful as modulators of MAGL. Furthermore, the subject compounds and compositions are useful for the treatment of pain.

21: 2019/03197. 22: 2019/05/21. 43: 2020/11/09
51: B02C
71: Sandvik Intellectual Property AB
72: SJÖBECK, Roger, LINDBERG, Mårten
54: JAW CRUSHER RETRACTION ASSEMBLY
00: -
A jaw crusher retraction assembly having a base, a first and second mount boss, a resiliently biased component and an actuating cylinder. The cylinder and resiliently biased component are mounted axially between respective regions of the base and the first and second bosses so as to minimise stress in the retraction assembly components and to provide a compact overall design.

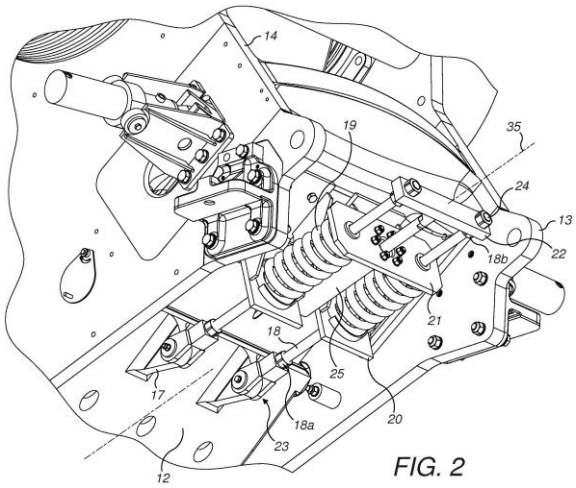
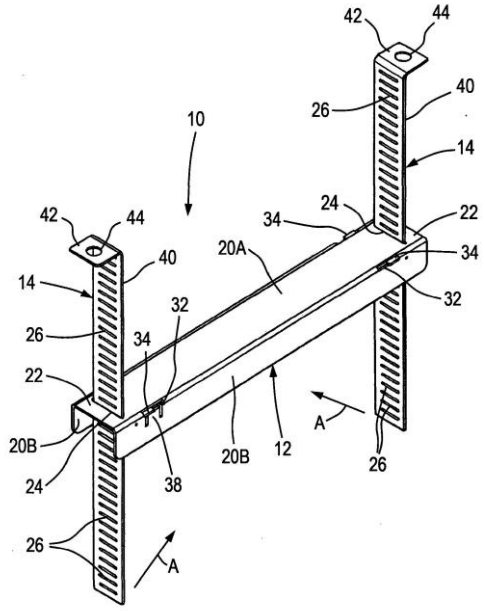


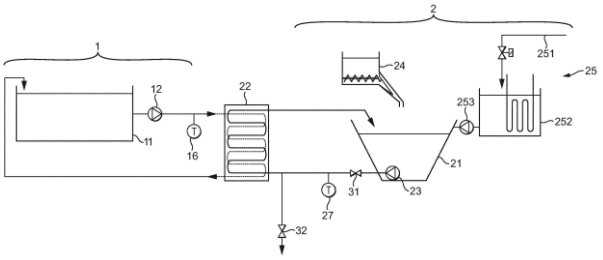
FIG. 2

21: 2019/03229. 22: 2019/05/22. 43: 2020/11/09
51: H02G
71: Gripple Limited
72: DAVIS, Simon
33: GB 31: GB1620545.2 32: 2016-12-02
54: SUSPENSION ASSEMBLY
00: -
A suspension assembly (10) comprises a support member (12) for supporting an article, an elongate substantially flat strip (14), and a securing arrangement (16). The support member (12) defines an opening (24) through which the strip (14) can be Inserted. The strip (14) defines a plurality of apertures (26). The securing arrangement (16) includes a securing member (18) receivable through a selected one of the apertures (26) in the strip (14) to secure the support member (12) to the strip (14).



21: 2019/03263. 22: 2019/05/23. 43: 2020/11/09
51: A47J
71: Nestec S.A.
72: FERRAND, Mickael, CALDERONE, Roberto Angelo, MARET, Charlotte, DEMIERRE, Jonathan, CADUFF, Marco, PINDJUROV, Riste, REUST, Alexis
33: EP(CH) 31: 16207269.8 32: 2016-12-29
54: COLD BEVERAGES PREPARATION MACHINE
00: -
The invention concerns a beverage preparation machine (10) configured for preparing cold beverages from soluble beverage ingredient and water, said machine comprising : - a cold generation unit (1) for supplying a cooling fluid, and - at least one beverage preparation unit (2) comprising :. a beverage mixing chamber (21) configured for mixing a soluble beverage ingredient and hot water to produce a hot beverage, said chamber comprising a mixing impeller, and20. a heat exchanger unit (22) configured for exchanging heat between the beverage produced by the beverage mixing chamber and the cooling fluid supplied by the cold generation unit, and. a beverage circuit comprising the heat exchanger unit (22) and the beverage mixing chamber (21), said circuit being designed to enable the circulation of the beverage in a closed loop between the beverage mixing chamber and the heat exchanger unit and said circuit comprising a pump

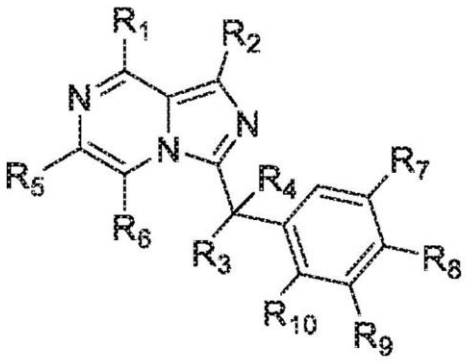
(23) for circulating the beverage in the beverage circuit, and. a circulating means (31, 4) adapted for enabling circulation of the beverage in the closed loop between the beverage mixing chamber and the heat exchanger unit, and. a dispensing means (32, 4) adapted for enabling dispensing of the beverage from the beverage circuit though a beverage dispensing outlet.



21: 2019/03266. 22: 2019/05/23. 43: 2020/11/09
51: A21D; A23G; A23L
71: Nestec S.A.
72: DAVIDEK, Tomas, NOVOTNY, Ondrej, VAFEIADI, Christina
33: EP(CH) 31: 16204867.2 32: 2016-12-16
54: OLIGOSACCHARIDES FOR FLAVOUR GENERATION
00: -
The present invention relates to the use of a special class of oligosaccharides, herein called iso-oligosaccharides, for flavour generation during thermal processing of food. The invention also relates to the use of such oligosaccharides in the form of individual compounds, or as mixtures thereof, or in the form of ingredients comprising the individual compounds or mixtures thereof, or as enzymatic or fermented preparations containing the individual compounds or mixtures thereof.

21: 2019/03284. 22: 2019/05/24. 43: 2020/11/09
51: C07D
71: AbbVie Ireland Unlimited Company
72: DEGOEY, David A., KATI, Warren M., HUTCHINS, Charles W., DONNER, Pamela L., KRUEGER, Allan C., RANDOLPH, John T., MOTTER, Christopher E., NELSON, Lissa T., PATEL, Sachin V., MATULENKO, Mark A., KEDDY, Ryan G., JINKERSON, Tammie K., GAO, Yi, LIU, Dachun, PRATT, John K., ROCKWAY, Todd W., MARING, Clarence J., HUTCHINSON, Douglas K., FLENTGE, Charles A., WAGNER, Rolf, TUFANO, Michael D., BETEBENNER, David A., SARRIS, Kathy, WOLLER, Kevin R., WAGAW, Seble H., CALIFANO, Jean C., LI, Wenke, CASPI, Daniel D., BELLIZZI, Mary E., CARROLL, William A.
33: US 31: 12/903,822 32: 2010-10-13
54: ANTI-VIRAL COMPOUNDS
00: -
Compounds effective in inhibiting replication of Hepatitis C virus (HCV) are described. This invention also relates to processes of making such compounds, compositions comprising such compounds, and methods of using such compounds to treat HCV infection.

21: 2019/03286. 22: 2019/05/24. 43: 2020/11/20
51: A61K; C07D; A61P
71: BEIGENE, LTD.
72: LI, Jing, ZHAO, Haibo, WANG, Zhiwei
33: CN 31: PCT/CN2016/108897 32: 2016-12-07
54: IMIDAZO[1,5-A]PYRAZINE DERIVATIVES AS PI3KDELTA INHIBITORS
00: -
Disclosed is a compound of Formula (I), or a stereoisomer thereof, or a pharmaceutically acceptable salt thereof, and pharmaceutical compositions comprising thereof. Also disclosed is a method of treating PI3Kd related disorders or diseases by using the compound disclosed herein.

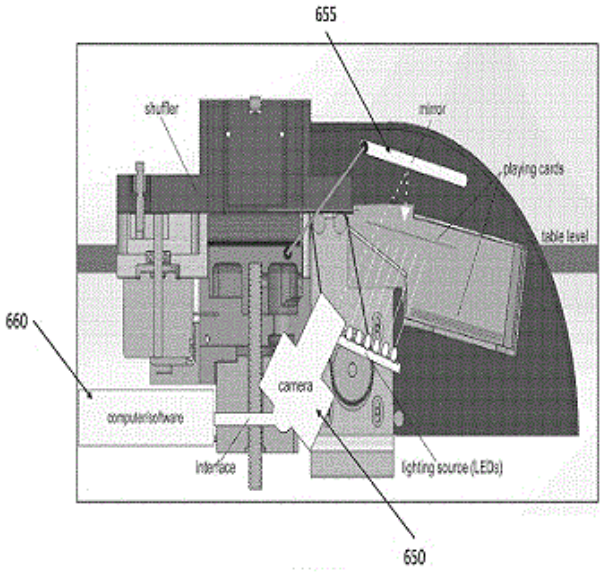


21: 2019/03311. 22: 24/05/2019. 43: 2020/11/30
51: A63F
71: SHARK TRAP GAMING & SECURITY SYSTEMS, LLC
72: RIORDAN, MICHAEL EARNEST, DEGREGORIO, LOUIS WILSON, DEGREGORIO, DINO LOUIS, FORTE, STEVEN LOUIS
33: US 31: 15/336,779 32: 2016-10-27
54: AUTOMATIC PLAYING CARD SHUFFLER AND OTHER CARD-HANDLING DEVICES

CONFIGURED TO DETECT MARKET CARDS AND METHODS OF USING THE SAME

00: -

An automatic playing card shuffler incorporating means for detecting marked cards. One or more light spectrum emitters or variable light spectrum illuminators transmit light at frequencies/wavelengths which is reflected off card backs through one or more spectrum filters causing invisible markings to become visible. A camera may capture images of the now visible markings. A camera and software collaborate to capture images and analyze the same for markings on the card backs such as smudges, nicks and scuffs and edge demarcations. The automatic playing card shufflers are configured to not only detect marked cards but to detect patterns relative to the card markings. The automatic card shufflers are communicatively linked with a casino management system and/or security system such that casino personnel may be alerted in real time to the discovery of marked cards.



21: 2019/03473. 22: 30/05/2019. 43: 2020/11/27
51: C12N; A61K
71: REGROW BIOSCIENCES PVT. LTD.
72: SANGHAVI, SATYEN, KEDAGE, VINAYAK
33: IN 31: 201621040918 32: 2016-11-30

54: A PROCESS OF PREPARING CHONDROCYTE CELL SUSPENSION AND ITS USE

00: -

A process for the preparation of chondrocyte cell suspension and its use in defect site of knee or ankle or shoulder or wrist or elbow or hip of subject.

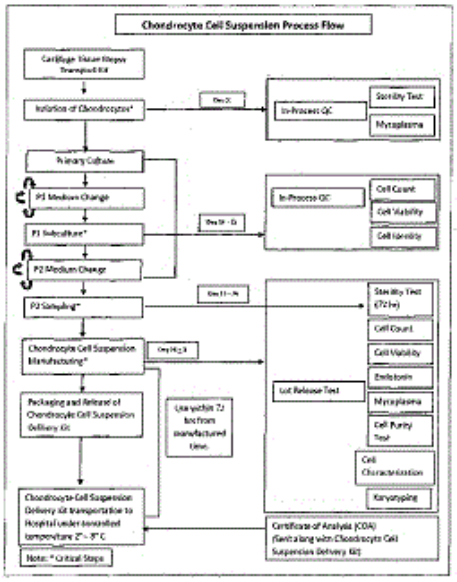


Figure 1. Chondrocyte Cell Suspension Process Flow

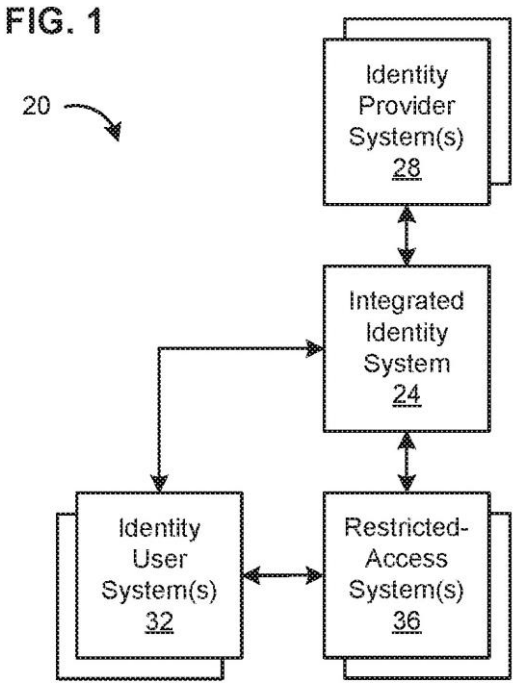
21: 2019/03517. 22: 2019/05/31. 43: 2020/12/02
51: G06F; H04L
71: FINANCIAL & RISK ORGANISATION LIMITED
72: COSTA FAIDELLA, DAVID, SCHUKAI, ROBERT JOSEPH, MANUEL, SCOTT RYAN, PIERLEONI, MARCO, THOMAS, JASON A
33: US 31: 62/270,658 32: 2015-12-22
33: US 31: 15/283,993 32: 2016-10-03

54: METHODS AND SYSTEMS FOR IDENTITY CREATION, VERIFICATION AND MANAGEMENT

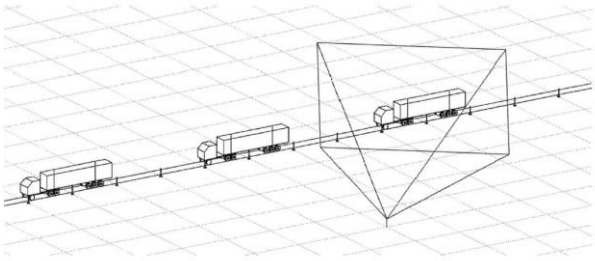
00: -

An embodiment of a method of providing identity services includes: receiving identity data for an individual for which the identity provider has provided an identity; generating a transaction to store an identifier representing the identity data in a data structure on a blockchain of a distributed system; sending the transaction to at least one node of the distributed system; and generating an identity token incorporating the identifier representing the identity data. An embodiment of a method of verifying an identity includes: receiving data extracted from the identity token, wherein the extracted data includes an identifier representing the identity data; determining whether a data structure containing the extracted identifier representing the identity data is stored on a blockchain of a distributed system; and outputting an indication of a

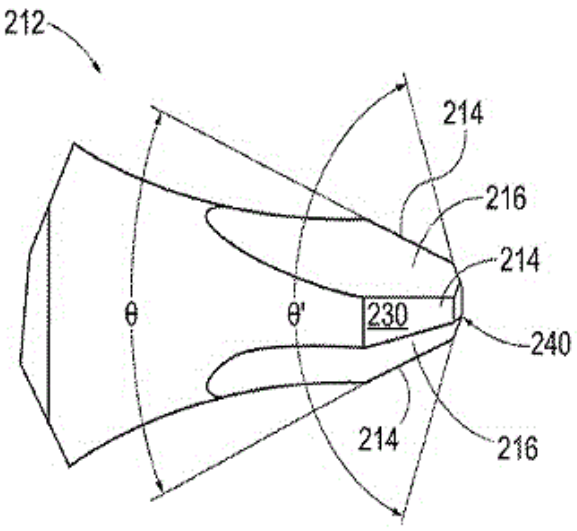
validity of an identity associated with the identity data based on the determination.



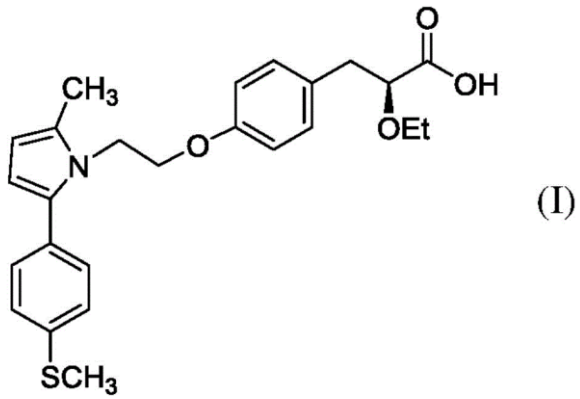
21: 2019/03540. 22: 03/06/2019. 43: 2020/09/18
51: G01B; G01H; G01M
71: BLANCHARD, Mark, CHONG, Lydia, SMEDLEY, Robert, WRIGHT, Robert
72: BLANCHARD, Mark, CHONG, Lydia, SMEDLEY, Robert, WRIGHT, Robert
33: AU 31: 2016904491 32: 2016-11-03
54: METHOD AND APPARATUS FOR MEASURING AND LOGGING THE PERFORMANCE OF A VEHICLE SUSPENSION SYSTEM
00: -
A method for measuring and logging the performance of a wheeled vehicle suspension system by measuring the dynamic performance of at least one component of said vehicle suspension system, the method including the steps of: setting the vehicle on a pre-determined path and within a pre-determined speed range; causing the suspension of said vehicle to be displaced by a substantially predetermined amount by causing the wheels of the vehicle to roll over one or more objects of known size on said path; measuring the displacement of said at least one suspension system component relative to the sprung mass of the vehicle and/ or one or more fixed objects in response to said displacement; measuring the oscillation frequency of said at least one vehicle suspension system component in response to said displacement; and determining the suspension damping characteristics relating to the at least one vehicle suspension system component using the displacement and frequency measurements.



21: 2019/03622. 22: 06/06/2019. 43: 2020/11/03
51: B25B; F16B
71: INFASTECH INTELLECTUAL PROPERTIES PTE. LTD.
72: LUKES, RICHARD W, BLAESS, DONALD K, RISKIN, SEAN
33: US 31: 62/206,555 32: 2015-08-18
54: TAPERED LOBULAR DRIVER AND FASTENER
00: -
A fastener system includes a fastener and a driver, each of which have three alternating lobes and troughs that define the drive surfaces. Each alternating lobes and troughs is defined by an outer radius portion, a drive side transition, an inner transition radius, and a reverse drive portion. The fastener recess and the driver each also have a side wall defined by the outer transition radius that tapers at a taper angle relative to a rotational axis. The fastener side wall may taper at about 60°. The driver side wall may taper at about 60°. Alternatively, the driver side wall may taper at an angle at least 10° less than the taper angle of the recess side wall, such as 42°. The drive side transition defines a drive angle, which may be between 0° and 5°.

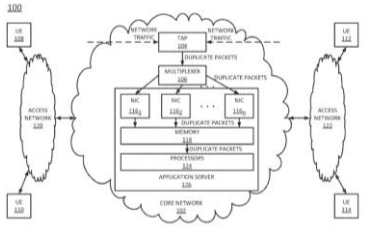


21: 2019/03649. 22: 2019/06/07. 43: 2020/11/20
51: A61K; A61P
71: CADILA HEALTHCARE LIMITED
72: JAIN, Mukul, PARMAR, Deven, V., GIRI, Suresh, PHILIP, Binu, PATEL, Pankaj
33: IN 31: 201621042122 32: 2016-12-09
54: TREATMENT FOR PRIMARY BILIARY CHOLANGITIS
00: -
The present invention provides therapeutic compound for prevention and treatment of primary biliary cholangitis, (PBC). Specifically, the present invention provides pharmaceutical composition comprising a compound of Formula (I) or a pharmaceutically acceptable salt thereof, for the treatment of PBC.



(I)

21: 2019/03733. 22: 2019/06/11. 43: 2020/12/17
51: H04B; H04L; H04W
71: Chengdu Kilopower Technology Corporation
72: DU, Jiang, SONG, Ting
33: CN 31: 201910397046.4 32: 2019-05-14
54: TERABIT-RATE PACKET ORGANIZING DEVICE
00: -
The present disclosure describes a terabit-rate packet organizing device, comprising: a processor; and a computer-readable medium storing instructions which, when executed by the processor, cause the processor to perform operations, wherein the operations comprising: extracting a first flow key from a first data packet; inputting the first flow key into a hash function to obtain a first output value; based on the first output value, selecting a first partition in a memory to which to store the first data packet; and storing the first data packet to the first partition; extracting a second flow key from a second data packet; inputting the second flow key into the hash function to obtain a second output value that is different from the first output value; and based on the second output value, selecting a second partition in the memory to which to store the second data packet; and storing the second data packet to the second partition.



21: 2019/03734. 22: 2019/06/11. 43: 2020/12/17
51: H04B; H04L; H04W
71: Chengdu Kilopower Technology Corporation
72: DU, Jiang, SONG, Ting
33: CN 31: 201910397126.X 32: 2019-05-14
54: MANAGEMENT SYSTEM FOR TERABIT TELECOMMUNICATION SWITCH
00: -
A management system for a terabit telecommunication switch with a first network interface card, a second network interface card, and a first processor card, the management system comprising: a protocol unit in the first processor card, for receiving a management request relating to at least one of operation, administration, and maintenance (OAM) functions; a first request unit in the first processor card, for creating a first request object in response to the received management

request; a first action unit in the first network interface card, for executing the received management request in response to an instruction from the first request object; and a second action unit in the second network interface card, for executing the received management request in response to an instruction from the first request object.

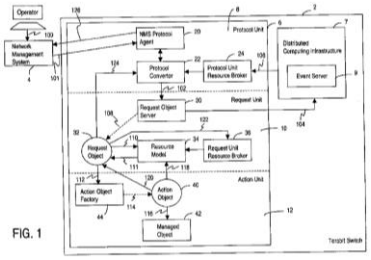


FIG. 1

21: 2019/03735. 22: 2019/06/11. 43: 2020/12/17
51: H04B; H04L; H04W
71: Chengdu Kilopower Technology Corporation
72: DU, Jiang, SONG, Ting
33: CN 31: 201910397197.X 32: 2019-05-14
54: COMMUNICATION NETWORK DEVICE WITH HIGH DATA RATE
00: -
A communication network device with high data rate, comprising: a first polarized multiplexed transceiver, the first polarized multiplexed transceiver comprising: a first polarizing multiplexing transmitter, and a first polarizing demultiplexing receiver; a second polarized multiplexed transceiver, the second polarized multiplexed transceiver comprising: a second polarizing multiplexing transmitter, and a second polarizing demultiplexing receiver; and a duplex cable, the duplex cable comprising a first polarization maintaining (PM) fiber and a second PM fiber, wherein the first PM fiber connects the first polarizing multiplexing transmitter and the second polarizing demultiplexing receiver, and the second PM fiber connects the first polarizing demultiplexing receiver and the second polarizing multiplexing transmitter to allow bidirectional communication, and wherein the data rate associated with the network device is no less than 1 Terabit/second.

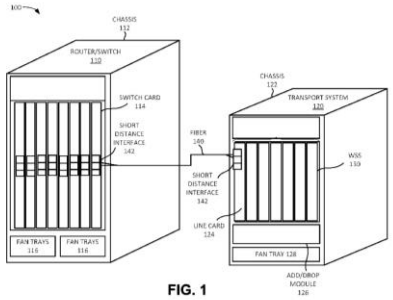
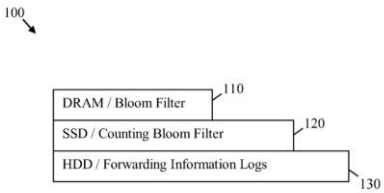


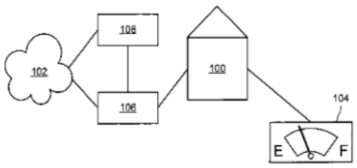
FIG. 1

21: 2019/03736. 22: 2019/06/11. 43: 2020/12/17
51: H04B; H04L; H04W
71: Chengdu Kilopower Technology Corporation
72: DU, Jiang, SONG, Ting
33: CN 31: 201910397270.3 32: 2019-05-14
54: HIGH BIT RATE NETWORK COMPONENT
00: -
A high bit rate network component, comprising: a bloom filter stored on a first tier storage medium, the bloom filter supporting routing at a bit rate of about 3.2 terabits per second (Tbps) for relatively small content packets in the order of kilobytes (KB); a forwarding information log associated with the bloom filter and stored on a second tier storage medium; a counting bloom filter associated with the bloom filter and stored on a third tier storage medium, wherein the first tier storage medium has a faster access speed and a smaller storage capacity than the third tier storage medium, and wherein the third tier storage medium has a faster access speed and a smaller storage capacity than the second tier storage medium.

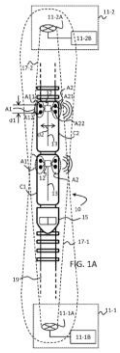


21: 2019/03737. 22: 2019/06/11. 43: 2020/12/17
51: H04B; H04L; H04W
71: Chengdu Kilopower Technology Corporation
72: DU, Jiang, SONG, Ting
33: CN 31: 201910397359.X 32: 2019-05-14
54: TERABIT NETWORK MONITORING SYSTEM
00: -

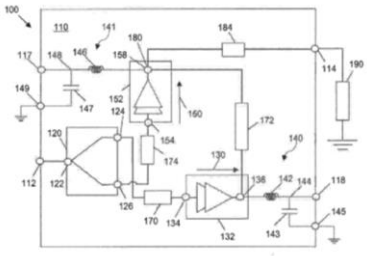
A terabit network monitoring system, comprising: a host computer configured to: receive a request from a customer to transfer a volume of information via a network; establish an account in favor of the customer for the volume of information; monitor the transfer of information by the customer via the network without measuring a data flow rate, wherein the information is in terms of terabits; and a communication device, configured to enable the host computer to communicate with at least one other computing device, wherein the host computer is further configured to determine whether the information was successfully transferred.



21: 2019/03738. 22: 2019/06/11. 43: 2020/12/17
51: H04B; H04L; H04W
71: Chengdu Kilopower Technology Corporation
72: DU, Jiang, SONG, Ting
33: CN 31: 201910397576.9 32: 2019-05-14
54: MIMO COMMUNICATION SYSTEM
00: -
A multiple input/output (MIMO) communication system, for transmitting and receiving MIMO signals channels along a track having a plurality of antenna stations, the system comprising a first antenna station having an antenna system for providing during operation a first cross-polarized RF radiation pattern communicating a first two signal channels of four signals channels along the track in direction of a second antenna station and the second antenna station having an antenna system for providing a second cross-polarized RF radiation pattern communicating the other two signal channels of said four signals channels along the track in direction of the first antenna station such that the first and second RF radiation pattern of the antenna systems overlap along a section of the track located between the first and the second antenna station.

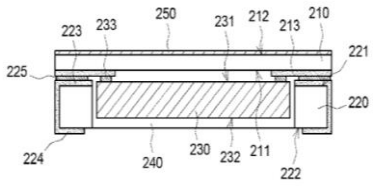


21: 2019/03739. 22: 2019/06/11. 43: 2020/12/17
51: H04B; H04L; H04W
71: Chengdu Kilopower Technology Corporation
72: DU, Jiang, SONG, Ting
33: CN 31: 201910397622.5 32: 2019-05-14
54: CO-FIRED CERAMIC (LTCC) AMPLIFIER MODULE
00: -
A co-fired ceramic (LTCC) amplifier module, comprising: a substrate with a mounting surface; a first power transistor die coupled to the mounting surface, wherein the first power transistor die includes a first transistor integrated within the first power transistor die, and wherein the first transistor includes a first drain terminal and a first intrinsic drain node corresponding to the first drain terminal; a second power transistor die coupled to the mounting surface, wherein the second power transistor die includes a second transistor integrated within the second power transistor die, and wherein the second transistor includes a second drain terminal and a second intrinsic drain node corresponding to the second drain terminal; and a first shunt circuit coupled to the first drain terminal, wherein the first shunt capacitance is a high-Q surface mount and LTCC capacitors.

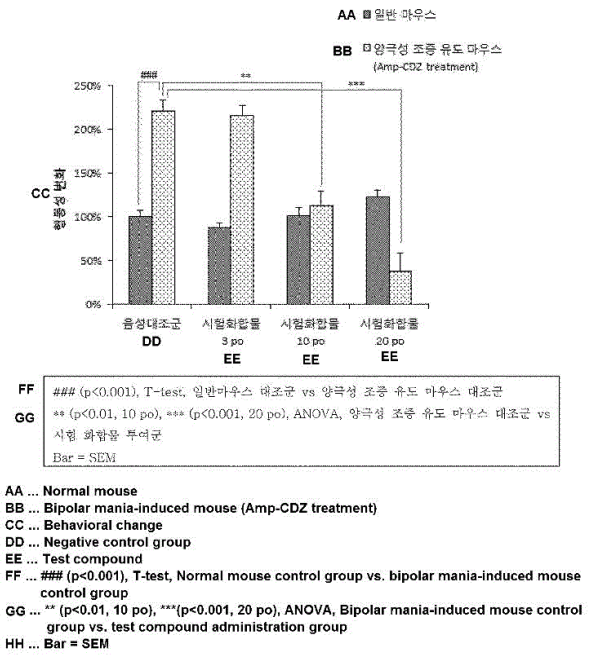


21: 2019/03740. 22: 2019/06/11. 43: 2020/12/17

51: H04B; H04L; H04W
71: Chengdu Kilopower Technology Corporation
72: DU, Jiang, SONG, Ting
33: CN 31: 201910397707.3 32: 2019-05-14
54: CO-FIRED CERAMIC (LTCC) CAPACITIVE SENSOR
00: -
A low temperature co-fired ceramic (LTCC) capacitive sensor, comprising: a plate comprising a first surface, an opposite second surface and a plurality of first conductive pads; a frame comprising a third surface, an opposite fourth surface, a plurality of second conductive pads and a plurality of third conductive pads and disposed on the first surface of the plate with the third surface; a capacitive sensor disposed at the central area of the frame, wherein the capacitive sensor has an active surface and an opposite back surface, and the active surface of the capacitive sensor faces the first surface of the plate and is electrically connected with the first conductive pads; and a package body filled in the central area of the frame to cover the capacitive sensor; and a filler filled between the plate and the capacitive sensor, and a dielectric constant of the filler is greater than 3.5.



21: 2019/03747. 22: 2019/06/11. 43: 2020/11/20
51: A61K
71: SK BIOPHARMACEUTICALS CO., LTD.
72: SHIN, Yu Jin, HAN, Sei, Myoung
33: KR 31: 10-2016-0170224 32: 2016-12-14
54: USE OF CARBAMATE COMPOUNDS FOR PREVENTION, ALLEVIATION OR TREATMENT OF BIPOLAR DISORDER
00: -
The present invention relates to a use for the purpose of preventing, alleviating, or treating bipolar disorder by administering a pharmaceutical composition comprising a carbamate compound of the following chemical formula 1.



AA ... Normal mouse
BB ... Bipolar mania-induced mouse (Amp-CDZ treatment)
CC ... Behavioral change
DD ... Negative control group
EE ... Test compound
FF ... ### (p<0.001), T-test, Normal mouse control group vs. bipolar mania-induced mouse control group
GG ... ** (p<0.01, 10 po), *(p<0.001, 20 po), ANOVA, Bipolar mania-induced mouse control group vs. test compound administration group**
HH ... Bar = SEM

21: 2019/03801. 22: 2019/06/12. 43: 2020/11/20
51: A61K; C07K; C12N
71: BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC.
72: BUBLOT, Michael, MEBATSION, Teshome, PRITCHARD, Joyce, LINZ, Perry, KASSA, Aemro
33: US 31: 62/433,842 32: 2016-12-14
33: FR 31: 4409634 32: 2017-12-01
54: RECOMBINANT HVT VECTORS EXPRESSING MULTIPLE ANTIGENS OF AVIAN PATHOGENS, AND VACCINES COMPRISING THEM
00: -
The present invention provides recombinant herpesvirus of turkeys (HVT) vectors that contain and express antigens of avian pathogens, compositions comprising the recombinant HVT vectors and polyvalent vaccines comprising the recombinant HVT vectors. The present invention further provides methods of vaccination against a variety of avian pathogens and method of producing the recombinant HVT vectors.

Schematic representation of primer binding sites for vHVT310

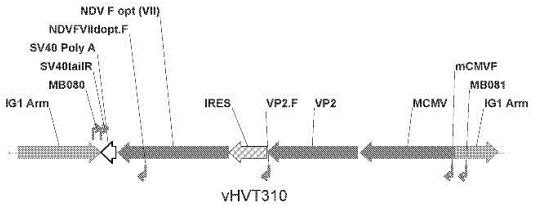
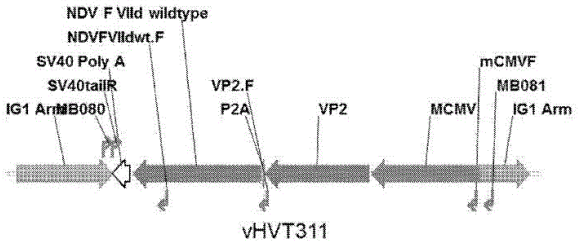


Figure 10

Schematic representation of primer binding sites for vHVT311

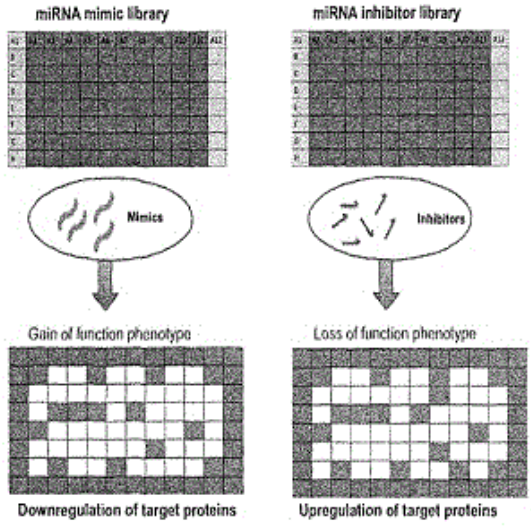


21: 2019/03861. 22: 14/06/2019. 43: 2020/11/03
51: C12Q
71: CSIR
72: NAIDOO, JEROLEN, BARICHIEVY, SAMANTHA, KHUTLANG, RETHABILE, MHLANGA, MUSA M
33: ZA 31: 2013/09501 32: 2013-12-17

54: A METHOD FOR IDENTIFICATION OF ANTI-HIV HUMAN MIRNA MIMICS AND MIRNA INHIBITORS AND ANTI-HIV PHARMACEUTICAL COMPOUNDS

00: -

The present invention relates to methods for the identification of anti-HIV miRNAs and anti-HIV pharmaceutical compounds using high-throughput screening methods, comprising: transfecting reporter cells with a panel of miRNAs, infecting the reporter cells with HIV, screening the cells to identify miRNAs that modulate H!V infection and identifying the specific pathways, nucleic acids and/or polypeptides that are targeted by the miRNAs. The invention further provides for the identification and screening of anti-HIV pharmaceutical compounds having known activity against the specific pathways, nucleic acids and/or polypeptides that are targeted by the miRNAs for efftcacy in the treatment of HiV. The invention also provides for the use of miRNA mimics, miRNA inhibitors and pharmaceutical compounds (including oncology drugs and kinase inhibitors) in the treatment and/or prevention of HiV infection.

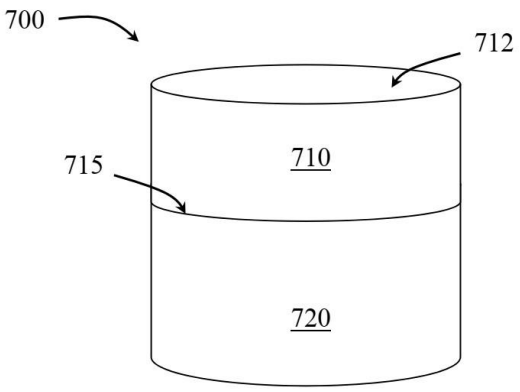


21: 2019/03905. 22: 2019/06/14. 43: 2020/12/02
51: B24D; E21B
71: SMITH INTERNATIONAL, INC.
72: BAO, YAHUA, GARAN, ANATOLIY, FRANCE, MICHAEL DAVID, BELNAP, J. DANIEL
33: US 31: 61/726,719 32: 2012-11-15

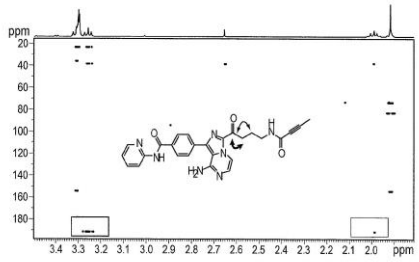
54: METHOD OF MAKING CARBONATE PCD AND SINTERING CARBONATE PCD ON CARBIDE SUBSTRATE

00: -

A method of forming a polycrystalline diamond body includes mixing a sintering agent with diamond powder to form a premixed layer, the sintering agent including at least one alkaline earth metal carbonate; forming an infiltration layer adjacent to the premixed layer, the infiltration layer including an infiltrant material including at least one alkaline earth metal carbonate; and subjecting the premixed layer and the infiltration layer to high pressure high temperature conditions.



21: 2019/03932. 22: 2019/06/18. 43: 2020/11/09
51: A61P; C07D
71: Acerta Pharma B.V.
72: PODOLL, Terry, EVARTS, Jerry, KAPTEIN, Allard
33: US 31: 62/437,633 32: 2016-12-21
54: IMIDAZOPYRAZINE INHIBITORS OF BRUTON'S TYROSINE KINASE
00: -
In some embodiments, the invention relates to the compounds of Formula (I) and (II) or a pharmaceutically acceptable salt thereof, or to pharmaceutical compositions comprising these compounds and to their use in therapy. In particular, in some embodiments, the present invention relates to the compounds of Formula (I) and (II), pharmaceutical compositions thereof, and the use of the compounds and pharmaceutical compositions in the treatment of a hyperproliferative disorder, an inflammatory disorder, an immune disorder, or an autoimmune disorder.



21: 2019/03935. 22: 2019/06/18. 43: 2020/11/09
51: G01N
71: Fruitspec Ltd.
72: MARGALIT, Nir, NITSAN, Shahar, KULA, Raviv
33: US 31: 15/353,754 32: 2016-11-17
54: METHOD AND SYSTEM FOR CROP YIELD ESTIMATION
00: -
A method for identifying the presence of fruit in image data in an image sensor of a scene includes acquiring image data in an image sensor for at least two distinct wavelengths of a scene. A normalized difference reflectivity index (NDRI) for each location in an array of locations in the image data is calculated with respect to said at least two distinct wavelengths. Regions in the array of locations are identified where the value of the calculated NDRI of the locations in these regions is within a range of values indicative of a presence of fruits in the scene. An output is generated on an output device with information related to the identified presence of fruits.

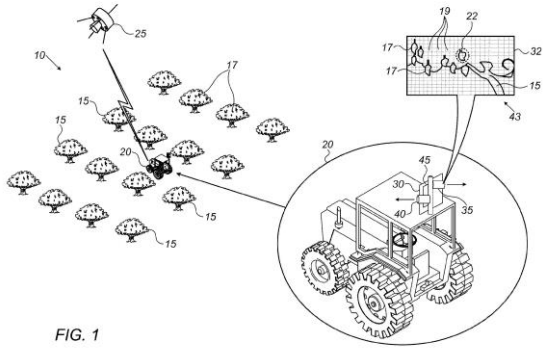
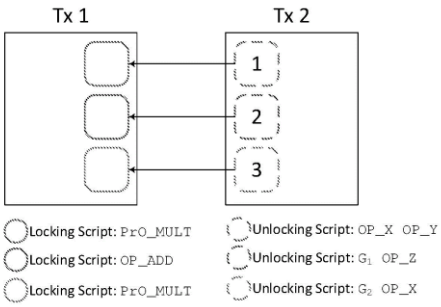


FIG. 1

21: 2019/03968. 22: 2019/06/19. 43: 2020/11/09
51: H04L
71: nChain Holdings Limited
72: VINCENT, Stephane
33: GB 31: 1621831.5 32: 2016-12-21
33: GB 31: 1621827.3 32: 2016-12-21
33: GB 31: 1621830.7 32: 2016-12-21
54: COMPUTER-IMPLEMENTED SYSTEMS AND METHODS TO ENABLE COMPLEX FUNCTIONALITY ON A BLOCKCHAIN WHILE PRESERVING SECURITY-BASED RESTRICTIONS ON SCRIPT SIZE AND OPCODE LIMITS
00: -
The invention relates to blockchain technologies such as the Bitcoin blockchain. The invention uses a novel technique to decompose the functionality of a blockchain transaction script into several chunks or functional parts, and to use the output of a chunk as the input of the next chunk. Advantageously, this allows the blockchain to be used for ever complex

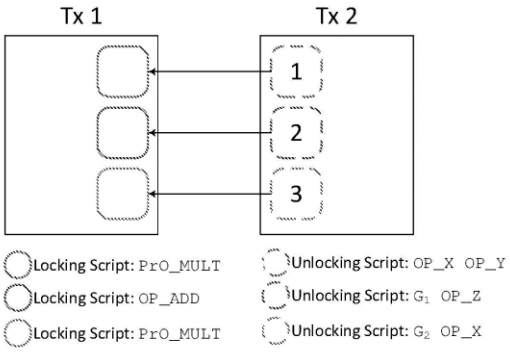
tasks and computations while minimising script size, and also provides a novel architecture for the distributed execution of computational processes. The invention comprises a method of using a plurality of blockchain transactions to execute a computer- implemented task, the method comprising the steps: using an unlocking script (ULS1) in a blockchain transaction (Tx2) to present at least one data item to a locking script (LS1) of another transaction (Tx1) so as to provide a result on a stack; generating a further unlocking script (ULS2) which comprises the result provided on the stack; presenting the further unlocking script (ULS2) to a further locking script (LS2) such that the result from the stack is provided as input to the further locking script.

Figure 1: Chain of transaction for Embodiment 1 example



21: 2019/03969. 22: 2019/06/19. 43: 2020/11/09
51: H04L
71: nChain Holdings Limited
72: VINCENT, Stephane
33: GB 31: 1621827.3 32: 2016-12-21
33: GB 31: 1621830.7 32: 2016-12-21
33: GB 31: 1621831.5 32: 2016-12-21
54: COMPUTER-IMPLEMENTED SYSTEMS AND METHODS TO ENABLE COMPLEX FUNCTIONALITY ON A BLOCKCHAIN WHILE PRESERVING SECURITY-BASED RESTRICTIONS ON SCRIPT SIZE AND OPCODE LIMITS
00: -
The invention relates to blockchain technologies such as the Bitcoin blockchain. The invention uses a novel technique to decompose the functionality of a blockchain transaction script into several chunks or functional parts, and to use the output of a chunk as the input of the next chunk. Advantageously, this allows the blockchain to be used for ever complex tasks and computations while minimising script size, and also provides a novel architecture for the distributed execution of computational processes. The invention comprises a method of using a plurality of blockchain transactions to execute a computer- implemented task, comprising the steps: using an unlocking script (ULS1) associated with a first input (In1) in a blockchain transaction (Tx2) to present at least one data item to a first locking script (LS1) of another transaction (Tx1) so as to provide a result on a stack; generating a further unlocking script (ULS2) associated with a second input (In2) and comprising the result from the stack; wherein the second input (In2) is provided in a further blockchain transaction (Tx3); and presenting the further unlocking script (ULS2) to a further locking script (LS2) such that the result from the stack is provided as input to the further locking script. Preferably, the locking script (LS1) and further locking script (LS2) are associated with outputs in different blockchain transactions.

Figure 1: Chain of transaction for Embodiment 1 example



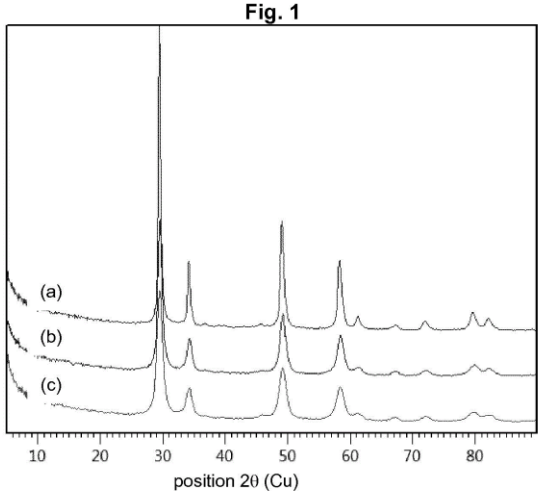
21: 2019/03971. 22: 2019/06/19. 43: 2020/11/09
51: B01D; B01J
71: Rhodia Operations
72: ITANI, Lama, HERNANDEZ, Julien, SOUTHWARD, Barry
33: EP(FR) 31: 16206893.6 32: 2016-12-23
54: AGEING-RESISTANT MIXED OXIDE MADE FROM CERIUM, ZIRCONIUM, ALUMINIUM AND

LANTHANUM FOR MOTOR VEHICLE CATALYTIC CONVERTER

00: -

The present invention concerns a mixed oxide of aluminium, zirconium, cerium, lanthanum and optionally at least one rare earth other than cerium and lanthanum that can be used for preparing a catalyst that maintains good thermal stability and good catalytic activity after severe ageing. The invention also relates to the method for preparing this mixed oxide that involves introducing an acid aqueous solution of precursors of cerium, zirconium, lanthanum and optionally at least one rare earth other than cerium and lanthanum in which an aluminium hydrate is dispersed into a basic aqueous solution and adding a texturing agent to the obtained dispersion before separation and calcination of the solid. The invention also concerns a method for treating the exhaust gases of internal combustion engines using a catalyst prepared from this mixed oxide.

Fig. 1

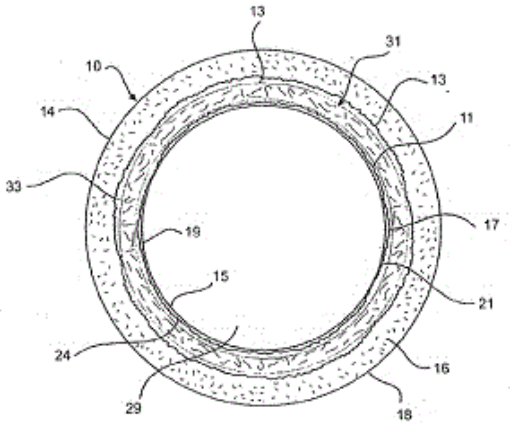


21: 2019/03993. 22: 20/06/2019. 43: 2020/11/03
51: F16L; B29C; B29D; B32B
71: LONG PIPES LIMITED
72: GRAHAM, NEIL DERYCK BRAY

54: CONSTRUCTION OF PIPES

00: -

This invention relates to a method of constructing an elongate hollow structure comprising a radially inner portion and a radially outer portion, with the two portions merging together to provide an integrated tubular wall structure. The method comprises the steps of providing the radially inner portion, assembling the radially outer portion about the radially inner portion, and expanding the inner portion. The outer portion comprises an outer tube of fibre reinforced composite construction surrounded by a flexible outer casing.



21: 2019/04053. 22: 2019/06/21. 43: 2020/11/09
51: G06Q
71: Alibaba Group Holding Limited
72: LI, Ning
33: CN 31: 201710181241.4 32: 2017-03-24

54: METHOD AND DEVICE FOR SENDING TRANSACTION INFORMATION AND FOR CONSENSUS VERIFICATION

00: -

Disclosed in the embodiments of the present application are a method and device for sending transaction information and for consensus verification. If another consensus node cannot receive transaction information sent from an acceptance node in a transaction acceptance stage, said other consensus node may send a consensus verification failure notice which comprises the information identifier of the transaction information to the acceptance node in a consensus verification stage if said other consensus node determines that the transaction information comprised in a pre-processing block does not exist in the transaction pool thereof, so that the acceptance node re-sends the transaction information to said other consensus node. By means of the embodiments of the present application, it may be guaranteed that the transaction information stored in the transaction pool of each consensus node is as consistent as possible, and therefore the accuracy of a consensus

verification result of each consensus node will not decrease.

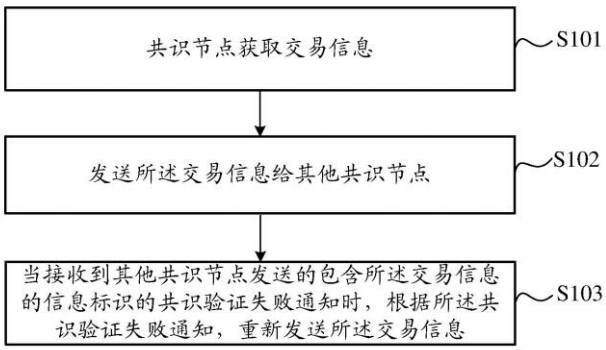


图 1

S101 A consensus node obtains transaction information
S102 Send the transaction information to another consensus node
S103 When receiving a consensus verification failure notice comprising the information identifier of the transaction information which is sent by the other consensus node, re-send the transaction information according to the consensus verification failure notice

---

21: 2019/04125. 22: 2019/06/25. 43: 2020/11/09
51: A01H; A01N
71: Syngenta Participations AG
72: SEGUIN, Katherine, ROSE, Mark Scott, JUCOVIC, Milan, BRAMLETT, Matthew Richard, FLEMING, Christopher
33: US 31: 62/442,155 32: 2017-01-04
54: COMPOSITIONS AND METHODS FOR CONTROLLING PLANT PESTS
00: -
Novel insecticidal proteins that are toxic to lepidopteran pests are disclosed. The polynucleotides encoding the insecticidal proteins can be used to transform prokaryotic and eukaryotic organisms to express the insecticidal proteins. The recombinant organisms or compositions containing the recombinant organisms or the insecticidal proteins alone or in combination with other pest control agents and an appropriate agricultural carrier can be used to control lepidopteran pests in various environments.

21: 2019/04138. 22: 25/06/2019. 43: 2020/11/27
51: C22B; G01N
71: OUTCOME INTERNATIONAL INC.
72: BUDACH, BERNHARD PETER
33: CA 31: 2,953,756 32: 2017-01-06
54: METHOD OF DETECTION AND EXTRACTING METALS FROM ORE-BEARING SLURRY
00: -
Method and apparatus are provided to select precious metals slurries of ore and water. Slurry is directed to pass over detectors, each comprising a pair of low voltage electrodes. The electrodes are spaced apart to form a detection gap. A slurry sample, having metals therein, is received at the gap. Metals at the gap generate a signal to trigger actuation to shunt the sample slurry and metals therein to a collection stream. Each collection stream can be processed in a similar, yet subsequent, refinement stage. Remaining slurry passes by the detector for further processing or as waste. One or more detectors are provided and, preferably, an array of detectors is provided in series and in stages, for collection efficiency. Each series of detectors can be provided in parallel arrangements for increased collection capacity. Detectors can be housed in modular sampling units for shipping and assembly efficiency.

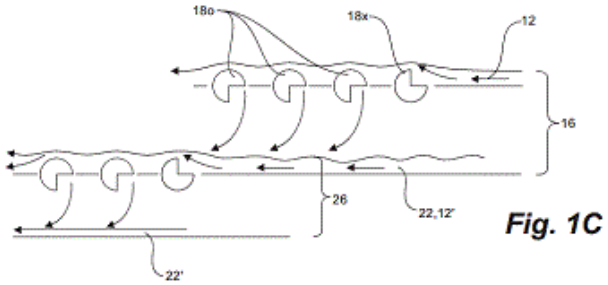


Fig. 1C

21: 2019/04146. 22: 2019/06/25. 43: 2020/11/03
51: A61K; A61M
71: XERIS PHARMACEUTICALS, INC.
72: PRESTRELSKI, STEVEN, DONOVAN, MARTIN, SANDOVAL, MICHAEL
33: US 31: 62/233,032 32: 2015-09-25
33: US 31: 15/136,650 32: 2016-04-22
54: METHODS FOR PRODUCING STABLE THERAPEUTIC GLUCAGON FORMULATIONS IN APROTIC POLAR SOLVENTS
00: -
Certain embodiments are directed to a formulation of a therapeutic agent, as well as a method of making such a formulation, comprising at least one therapeutic agent dissolved in an aprotic polar solvent system comprising at least one ionization stabilizing excipient in a concentration sufficient to impart physical and chemical stability to the therapeutic agent.

21: 2019/04178. 22: 2019/06/26. 43: 2020/11/09
51: B65D
71: British American Tobacco (Investments) Limited
72: HOLFORD, Steven
33: GB 31: 1701096.8 32: 2017-01-23
54: WRAPPER FOR TOBACCO INDUSTRY PRODUCTS
00: -
A wrapper for a group of tobacco industry products is disclosed. The wrapper comprises a barrier material (3), and a cut-line (9) in the barrier material to form a tab arranged to be pulled so that a tear propagates from an end of the cut-line to form an extraction opening (19) in the barrier material. The barrier material includes a weakened region (20) having a width greater than the width of said cut-line and which extends in a direction across the end of said cut-line to control the direction of the tear propagating from the end of said cut-line.

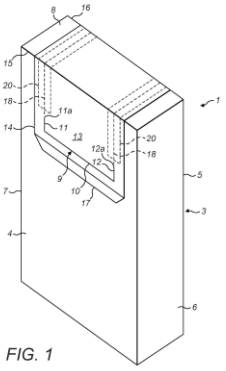


FIG. 1

21: 2019/04274. 22: 2019/06/28. 43: 2020/11/09
51: G01N
71: Amgen Inc.
72: FRADKIN, Dmitry, MILNE, Graham F., PEARSON, Thomas Clark
54: IMAGING SYSTEM FOR COUNTING AND SIZING PARTICLES IN FLUID-FILLED VESSELS
00: -
A system is described to facilitate the characterization of particles within a fluid contained in a vessel using an illumination system that directs source light through each vessel. One or more optical elements may be implemented to refract the source light and to illuminate the entire volume of the vessel. As the refracted source light passes through the vessel and interacts with particles suspended in the fluid, scattered light is produced and directed to an imager, while the refracted source light is diverted away from the imager to prevent the source light from drowning out the scattered light. The system can therefore advantageously utilize an imager with a large depth of field to accurately image the entire volume of fluid at the same time, facilitating the determination of the number and size of particles suspended in the fluid.

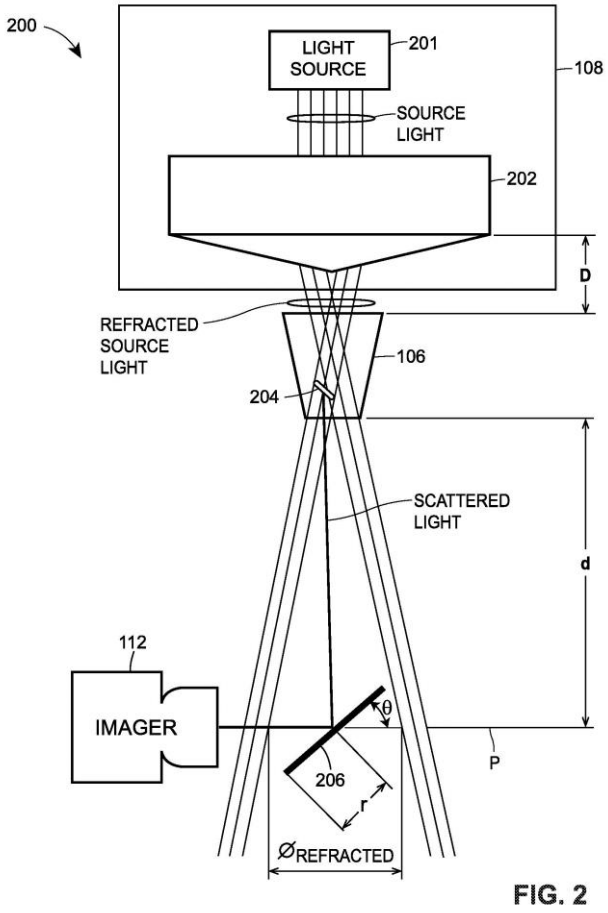
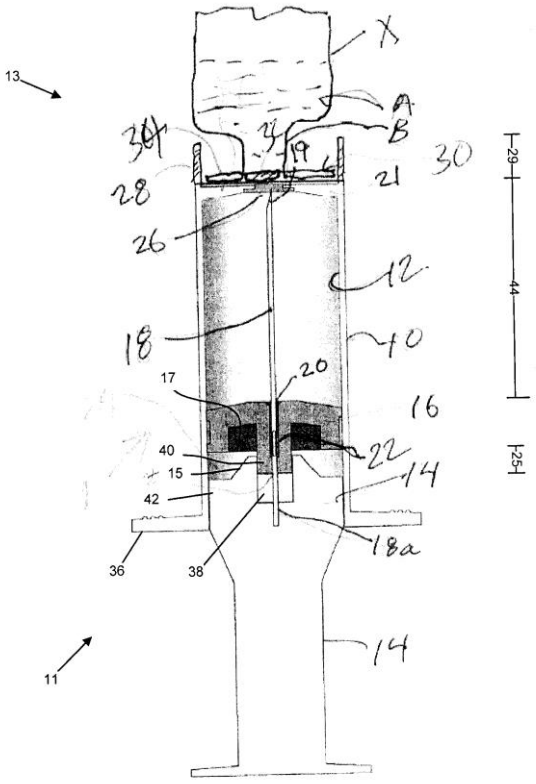


FIG. 2

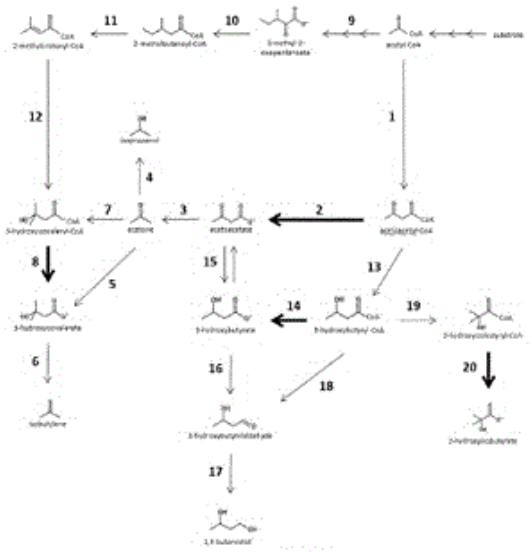
21: 2019/04417. 22: 05/07/2019. 43: 2020/11/27
51: A61M
71: IINJEC TECHNOLOGIES INC. / LES TECHNOLOGIES IINJEC INC.
72: REISENBURG MOLSON, Catherine
33: US 31: 62/430,679 32: 2016-12-06
54: METHOD AND APPARATUS FOR FILLING SYRINGES WITH RETRACTABLE NEEDLE
00: -
A syringe for receiving a fluid from a container. The syringe comprises a barrel for housing the fluid and including an end wall with an opening defined therein, a plunger for slidable engagement within the barrel, and moveable between a retracted position

and an extended position, and a needle. The needle has a first end anchored to the plunger and a second distal end, a conduit defined by the needle, and an inlet offset from the second distal end for fluid communication with an opening defined at the second distal end. The plunger includes a plunger seal for engagement within the barrel, the plunger seal defining a passage for receiving the needle. The syringe further comprises an engagement system having a complementary feature to cooperatively engage with a complementary feature of the container to mount the container to the syringe.



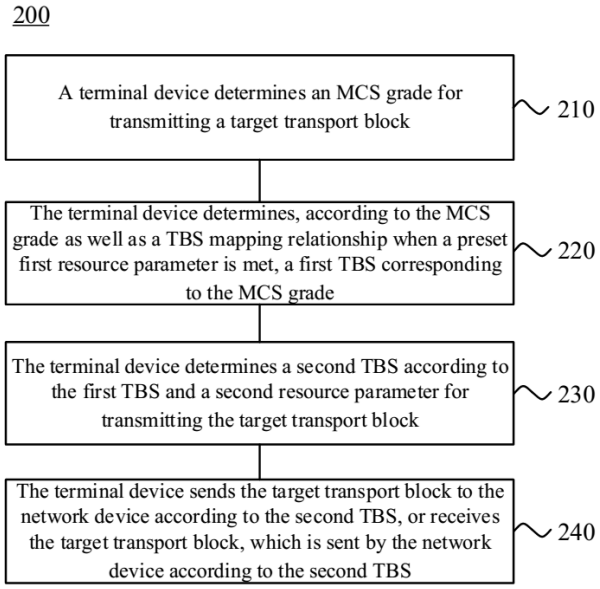
21: 2019/04455. 22: 08/07/2019. 43: 2020/11/03
51: C12N; C12P
71: LANZATECH NEW ZEALAND LIMITED
72: KOEPKE, MICHAEL, JENSEN, RASMUS OVERGAARD, BEHRENDORFF, JAMES BRUCE YARNTON HAYCOCK, HILL, RYAN EDWARD, JUMINAGA, DARMAWI, MUELLER, ALEXANDER PAUL
33: US 31: 62/240,850 32: 2015-10-13

54: GENETICALLY ENGINEERED BACTERIUM COMPRISING ENERGY-GENERATING FERMENTATION PATHWAY
00: -
The invention relates to a genetically engineered bacterium comprising an energy-generating fermentation pathway and methods related thereto. In particular, the invention provides a bacterium comprising a phosphate butyryltransferase (Ptb) and a butyrate kinase (Buk) (Ptb-Buk) that act on non-native substrates to produce a wide variety of products and intermediates. In certain embodiments, the invention relates to the introduction of Ptb-Buk into a C1-fixing microoorgansim capable of producing products from a gaseous substrate.

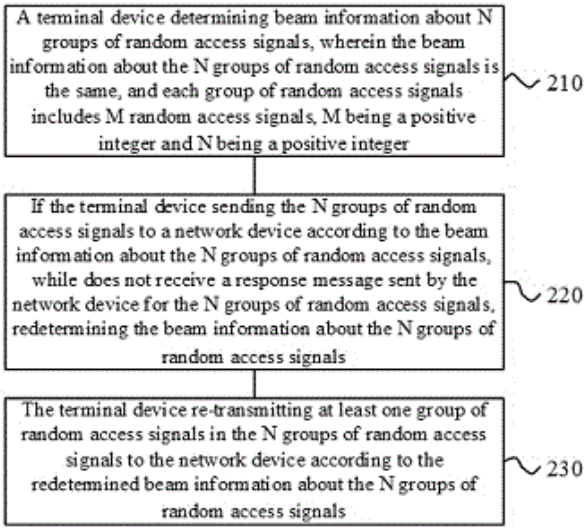


21: 2019/04521. 22: 10/07/2019. 43: 2020/11/27
51: H04L
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: LIN, YaNan
54: METHOD FOR TRANSMITTING DATA, TERMINAL DEVICE AND NETWORK DEVICE
00: -
Disclosed are a method for transmitting data, a terminal device and a network device. The method comprises: a terminal device determining an MCS level used to transmit a current target transmission block; the terminal device, according to the MCS level and a TBS mapping relationship when a pre-set first resource parameter is met, determining a first TBS corresponding to the MCS level, wherein the TBS mapping relationship comprises a mapping

relationship between the MCS level and the TBS; the terminal device, according to a second resource parameter used to transmit the target transmission block and the first TBS, determining a second TBS; and the terminal device, according to the second TBS, sending the target transmission block to a network device, or receiving the target transmission block sent according to the second TBS of the network device. In this way, the terminal device can effectively obtain TBS information in the case that a value range of the resource parameter used to transmit data is relatively large.



21: 2019/04621. 22: 15/07/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: TANG, HAI
54: SIGNAL TRANSMISSION METHOD, TERMINAL DEVICE AND NETWORK DEVICE
00: -
Disclosed are a signal transmission method, a terminal device and a network device. The method comprises: a terminal device determining beam information about N groups of random access signals, wherein the beam information about the N groups of random access signals is the same, and each group of random access signals comprises M random access signals, M being a positive integer and N being a positive integer; if the terminal device sends the N groups of random access signals to a network device according to the beam information about the N groups of random access signals, and does not receive a response message sent by the network device for the N groups of random access signals, redetermining the beam information about the N groups of random access signals; and the terminal device re-transmitting at least one random access signal in the N groups of random access signals to the network device according to the redetermined beam information about the N groups of random access signals. Thus, by using the same beam information to send N groups of random access signals to a network device, the random access efficiency of a terminal device is improved, and the time delay is reduced.



21: 2019/04726. 22: 18/07/2019. 43: 2020/11/27
51: H04N; H04W
71: TUTELA TECHNOLOGIES LTD.
72: CHOW, Brennen Stephen, MACDONALD, Hunter Banford Bulmer, YARISH, David Daniel, KROEKER, Anthony Sean, NEVILLE, Stephen William, DARCIE, Thomas E.
33: US 31: 62/447,225 32: 2017-01-17
54: SYSTEM AND METHOD FOR EVALUATING WIRELESS DEVICE AND/OR WIRELESS NETWORK PERFORMANCE
00: -
There is provided a method of evaluating wireless device performance, and/or wireless network performance, and/or wireless network usage trends, on a wireless electronic device, the method comprising: providing wireless device software on

the wireless electronic device, the wireless device software being embedded in an application or memory of the wireless electronic device, and being operable to perform at least one test associated with characteristics and/or location of the device, and/or performance of the device and/or the network, and/or usage of the device by a user; communicating with at least one of: i) an operating system of the wireless electronic device and ii) an external testing server to perform the at least one test, wherein the at least one test is performed according to at least one testing parameter provided in a configuration and/or the wireless device software, the at least one testing parameter comprising at least one behavioural criterion that controls the impact of the testing on the operation of the wireless electronic device; collecting test data resulting from the performance of the at least one test; and providing the test data to a collection server.

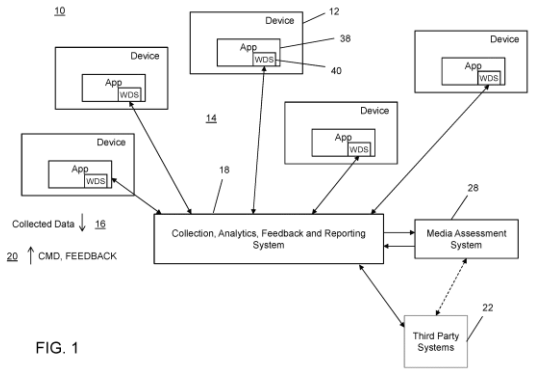
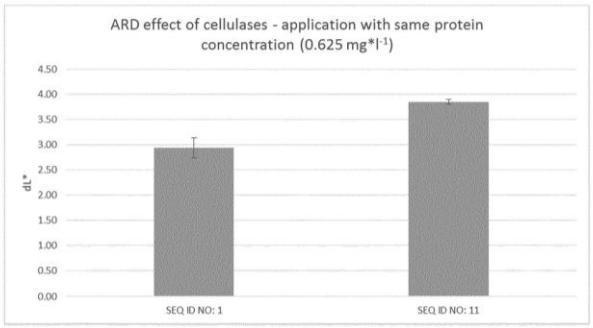
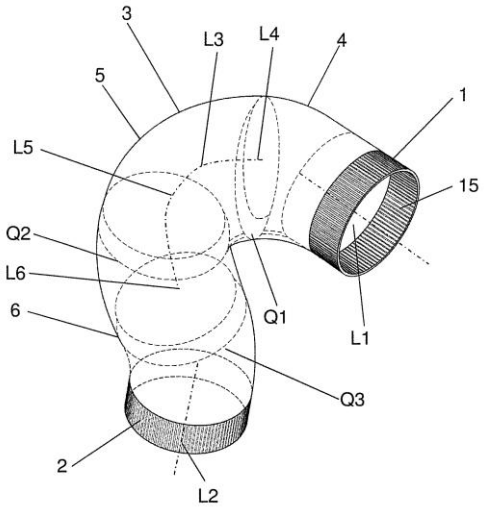


FIG. 1

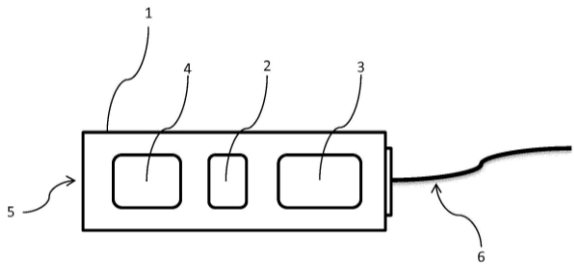
21: 2019/04801. 22: 2019/07/22. 43: 2020/11/20
51: C11D; C12N
71: CLARIANT INTERNATIONAL LTD
72: JAKOB, Claudia, O'CONNELL, Timothy, JOCHENS, Helge, WALLRAPP, Frank, HOESL, Michael, KOHL, Andreas, EISELE, Thomas, BEST, Jonathan, COOK, Andrew, Thomas, KOTSAKIS, Panagiotis, LANG, Dietmar, PARRY, Neil, James, SAMBI, Ilaria
33: EP 31: 17162731.8 32: 2017-03-24
54: CELLULASE SUITABLE FOR USE IN DETERGENT COMPOSITIONS
00: -
The present invention relates to a novel cellulase, the use of the novel cellulase in various applications such as detergent compositions and a composition comprising the novel cellulase.



21: 2019/04856. 22: 24/07/2019. 43: 2020/11/27
51: E03C; F15D
71: GEBERIT INTERNATIONAL AG
72: WEISS, Rolf, MEIER, Tobias
33: EP 31: 17154661.7 32: 2017-02-03
54: DEFLECTING BEND
00: -
The invention relates to a deflecting bend for guiding waste water (A), comprising a first pipeline section (1) extending along a straight first guide line (L1), a second pipeline section (2) extending along a straight second guide line (L2), and a deflection section (3) which connects the first pipeline section (1) to the second pipeline section (2), wherein the deflection section (3) extends along a third guide line (L3) which connects the first guide line (L1) to the second guide line (L2). At least one of the sub-sections (4,5, 6) permits the deflection of the guide line (L3) of the deflection section (3) from the stated vertical plane (VE) in such a way that the waste water from the first pipeline section (1) is caused to rotate about the third guide line (L3) when flowing through the stated sub-section (4, 5, 6) and same can be supplied to the second pipeline section (2) in rotation.



21: 2019/04913. 22: 2019/07/26. 43: 2020/11/20
51: A24F
71: PHILIP MORRIS PRODUCTS S.A.
72: COLOTTE, Guillaume, BILAT, Stephane
33: EP 31: 17166852.8 32: 2017-04-18
54: AEROSOL-GENERATING SYSTEM WITH OVERHEATING PREVENTION
00: -
The invention relates to an aerosol-generating system for generating an inhalable aerosol. The system comprises an electric heater (4) for vaporizing an aerosol-forming substance and a battery (3) for powering the electric heater. The system further comprises a control unit (2), wherein the control unit is configured to detect if the electric heater is operated and if the battery is on charge. The control unit is further configured to prevent charging of the battery, when the electric heater is operated, and to prevent the electric heater from operating, when the battery is on charge.



21: 2019/04921. 22: 26/07/2019. 43: 2020/11/27
51: F16L; B29C
71: MOCS BEHEER B.V.
72: BERGMAN, ANANDE, MADLENER, PETER, RIEDIJK, WOUTER ALBERT ARIE, BAGGEN, DEAN
33: NL 31: 2018224 32: 2017-01-24
54: FITTING ELEMENT FOR USE IN REHABILITATION OF PIPELINES AND METHOD FOR PRODUCING THE SAME
00: -
Fitting element (1) for use in rehabilitation of pipelines with a liner (2), the fitting element comprising a composite article of reinforcing fibers and a resin composition, wherein a first part (11) of the fitting element comprises reinforcing fibers and a substantially fully cured resin composition, wherein a second part (12) of the fitting element comprises dry reinforcing fibers that can accept a curable resin composition that optionally originates from the liner (2) to form a functional joint between the fitting element (1) and at least a part of the liner (2), and wherein an interface layer (15) of the fitting element structurally connects the first (11) and the second part (12) by comprising reinforcing fibres of the second part (12) and resin from the first part (11).

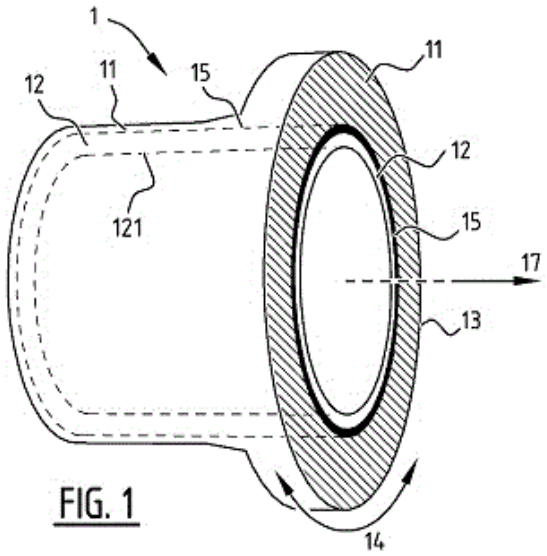


FIG. 1

21: 2019/04951. 22: 2019/07/29. 43: 2020/11/20
51: B29D
71: GUNDLE PLASTICS GROUP (PROPRIETARY) LIMITED
72: SCHROEDER, Hilbert, Edward
33: ZA 31: 2018/03126 32: 2018-05-14
33: ZA 31: 2018/05429 32: 2018-08-15

54: FILM ELEMENT
00: -
This invention relates to a film element 100 and to a method 10 of producing the film element 100. The film element 100 is of plastics material and includes an agent that is selected from the group comprising an arthropod control agent; and an antimicrobial agent.

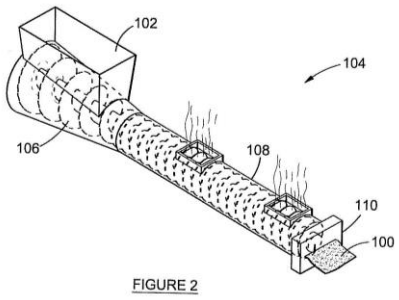
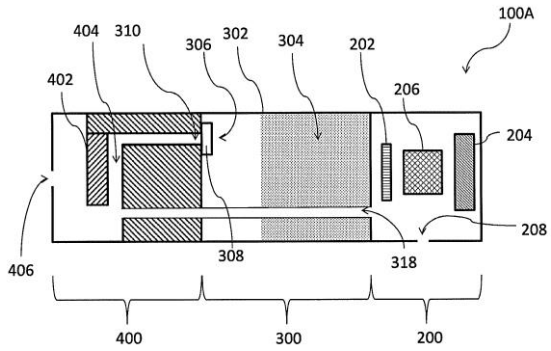


FIGURE 2

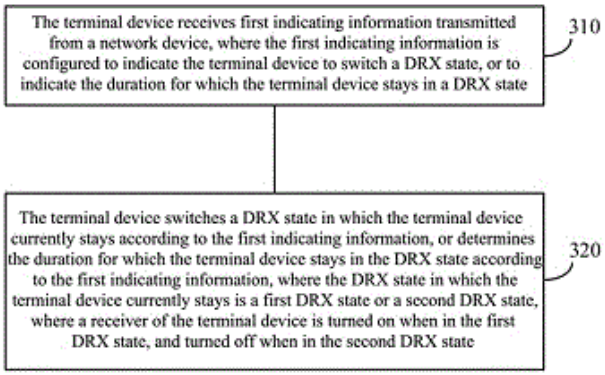
21: 2019/05135. 22: 02/08/2019. 43: 2020/11/27
51: A24F
71: RAI STRATEGIC HOLDINGS, INC.
72: SEBASTIAN, Andries Don, DAVIS, Michael F.
33: US 31: 15/415,267 32: 2017-01-25
54: AN AEROSOL DELIVERY DEVICE INCLUDING A SHAPE-MEMORY ALLOY AND A RELATED METHOD
00: -
Aerosol delivery devices are provided. The aerosol delivery devices may include a power source configured to output electrical current. The aerosol delivery devices may also include an atomizer in fluid communication with a reservoir containing an aerosol precursor composition, the atomizer being configured to receive electrical current from the power source. The aerosol delivery devices may further include a dispensing mechanism including a shape-memory alloy configured to change shape in response to heat produced from electrical current provided by the power source and to selectively regulate flow of the aerosol precursor composition from the reservoir to the atomizer, the atomizer being configured to produce an aerosol therefrom.



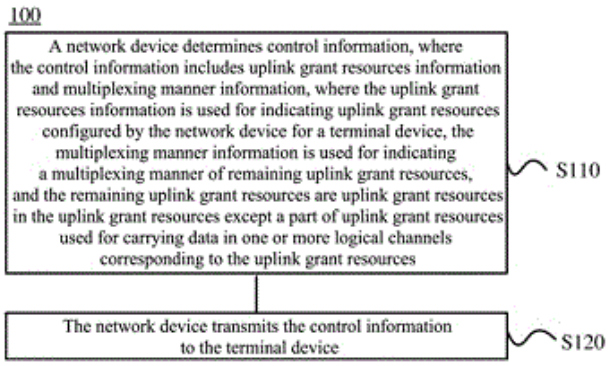
21: 2019/05261. 22: 2019/08/08. 43: 2020/11/20
51: C01B; H02S
71: BRILLIANT LIGHT POWER, INC.
72: MILLS, Randell, L.
33: US 31: 62/457,935 32: 2017-02-12
33: US 31: 62/461,768 32: 2017-02-21
33: US 31: 62/463,684 32: 2017-02-26
33: US 31: 62/481,571 32: 2017-04-04
33: US 31: 62/513,284 32: 2017-05-31
33: US 31: 62/513,324 32: 2017-05-31
33: US 31: 62/524,307 32: 2017-06-23
33: US 31: 62/532,986 32: 2017-07-14
33: US 31: 62/537,353 32: 2017-07-26
33: US 31: 62/545,463 32: 2017-08-14
33: US 31: 62/556,941 32: 2017-09-11
33: US 31: 62/573,453 32: 2017-10-17
33: US 31: 62/584,632 32: 2017-11-10
33: US 31: 62/594,511 32: 2017-12-04
33: US 31: 62/612,304 32: 2017-12-29
33: US 31: 62/618,444 32: 2018-01-17
54: MAGNETOHYDRODYNAMIC ELECTRIC POWER GENERATOR
00: -
A power generator that provides at least one of electrical and thermal power comprising (i) at least one reaction cell for the catalysis of atomic hydrogen to form hydrinos identifiable by unique analytical and spectroscopic signatures, (ii) a reaction mixture comprising at least two components chosen from: a source of H2O catalyst or H2O catalyst; a source of atomic hydrogen or atomic hydrogen; reactants to form the source of H2O catalyst or H2O catalyst and a source of atomic hydrogen or atomic hydrogen; and a molten metal to cause the reaction mixture to be highly conductive, (iii) a molten metal injection system comprising at least one pump such as an electromagnetic pump that causes a plurality of molten metal streams to intersect, (iv) an ignition system comprising an electrical power source that

provides low- voltage, high-current electrical energy to the plurality of intersected molten metal streams to ignite a plasma to initiate rapid kinetics of the hydrino reaction and an energy gain due to forming hydrinos, (v) a source of H2 and O2 supplied to the plasma, (vi) a molten metal recovery system, and (vii) a power converter capable of (a) converting the high-power light output from a blackbody radiator of the cell into electricity using concentrator thermophotovoltaic cells or (b) converting the energetic plasma into electricity using a magnetohydrodynamic converter.

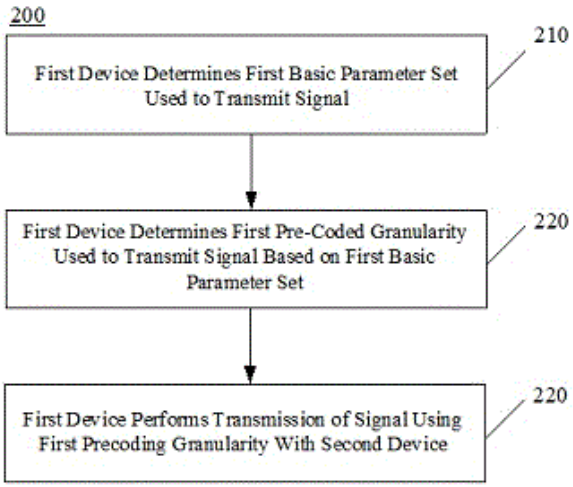
21: 2019/05279. 22: 08/08/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: YANG, NING, LIU, JIANHUA
54: METHOD FOR DETERMINING A DISCONTINUOUS RECEPTION STATE, TERMINAL DEVICE AND NETWORK DEVICE
00: -
Embodiments of the present application provide a method for determining a discontinuous reception (DRX) state, a terminal device, and a network device. The method comprises: a terminal device receives first instruction information sent by a network device, the first instruction information being used for instructing the terminal device to switch a DRX state or indicating a time in which the terminal device is in the DRX state; and the terminal device switches, according to the first instruction information, the DRX state in which the terminal device currently is, or determines, according to the first instruction information, the time of the DRX state in which the terminal device is, the DRX state in which the terminal device currently is being a first DRX state or a second DRX state, a receiver of the terminal device being turned on in the first DRX state, and the receiver of the terminal device being turned off in the second DRX state. By means of the embodiments of the present application, the DRX state in which the terminal device is can be flexibly adjusted according to the first instruction information.



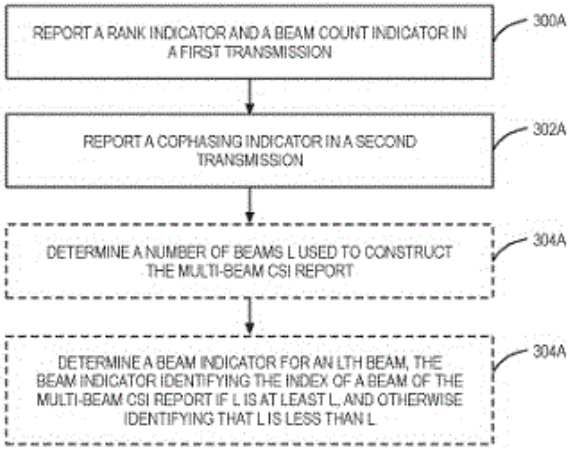
21: 2019/05280. 22: 08/08/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: YANG, NING, LIU, JIANHUA
54: METHOD AND DEVICE FOR MULTIPLEXING UPLINK GRANT RESOURCES
00: -
Provided by the present application are a method and device for multiplexing uplink authorization resources, the method comprising: a network device determines control information, the control information comprising uplink authorization resource information and multiplexing mode information, wherein the uplink authorization resource information is used for indicating uplink authorization resources configured by the network device for a terminal device, the multiplexing mode information is used for indicating a multiplexing mode of remaining uplink authorization resources, and the remaining uplink authorization resources are uplink authorization resources other than the uplink authorization resource used for carrying data in a logical channel corresponding to the uplink authorization resource; and the network device sends the control information to the terminal device. The method for multiplexing uplink authorization resources of the present application may improve the use efficiency of uplink authorization resources.



21: 2019/05317. 22: 12/08/2019. 43: 2020/11/30
51: H04B
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: LIN, YANAN
54: SIGNAL TRANSMISSION METHOD AND APPARATUS
00: -
A signal transmission method and apparatus, capable of determining suitable precoding granularity to enable a balance between a precoding gain and channel estimation performance. The method comprises: a first apparatus determining a first basic parameter set employed for transmitting a signal; the first apparatus determining, according to the first basic parameter set, first precoding granularity employed for transmitting the signal; and using the first precoding granularity to transmit the signal between the first apparatus and a second apparatus.



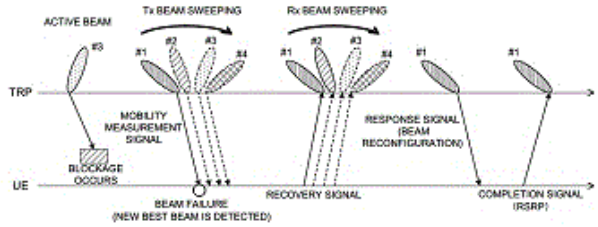
21: 2019/05320. 22: 12/08/2019. 43: 2020/11/30
51: H04B; H04L
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: FAXÉR, SEBASTIAN, GAO, SHIWEI, HARRISON, ROBERT MARK, MURUGANATHAN, SIVA
33: US 31: 62/455,440 32: 2017-02-06
54: MULTI-BEAM CSI REPORTING
00: -
Systems and methods for multi-beam Channel State Information (CSI) reporting are provided. In some embodiments, a method of operation of a second node connected to a first node in a wireless communication network for reporting multi-beam CSI includes reporting a rank indicator and a beam count indicator in a first transmission to the first node. The method also includes reporting a cophasing indicator in a second transmission to the first node. The cophasing indicator identifies a selected entry of a codebook of cophasing coefficients where the number of bits in the cophasing indicator is identified by at least one of the beam count indicator and the rank indicator. In this way, feedback for both a rank indicator and a beam count indicator may be possible which may allow robust feedback and variably sized cophasing and beam index indicators.



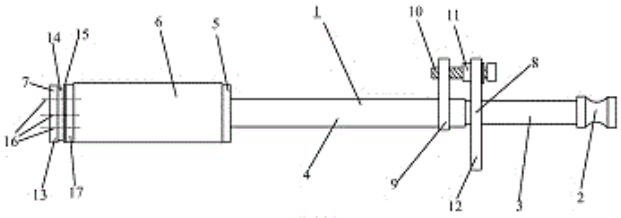
21: 2019/05321. 22: 12/08/2019. 43: 2020/11/30
51: C12N; C11D
71: UNILEVER PLC
72: BEST, JONATHAN, COOK, ANDREW THOMAS, EISELE, THOMAS, HOESL, MICHAEL, JAKOB, CLAUDIA, JOCHENS, HELGE, KOHL, ANDREAS, KOTSAKIS, PANAGIOTIS, LANG,

DIETMAR ANDREAS, O'CONNELL, TIMOTHY, PARRY, NEIL JAMES, SAMBI, ILARIA, WALLRAPP, FRANK
33: EP 31: 17162871.2 32: 2017-03-24
54: DETERGENT COMPOSITIONS
00: -
The invention relates to a detergent composition comprising:- (a) from 0.0001 to 1 wt.%, preferably from 0.0001 to 0.1 wt.%, more preferably from 0.0001 to 0.01 wt.%, most preferably from 0.0005 to 0.001 wt.% of a shading dye; and, (b) from 0.0001 to 10 wt.%, preferably from 0.0005 to 8 wt.%, more preferably from 0.001 to 5 wt.%, most preferably from 0.002 to 0.2 wt.% of a cellulase selected from any sequence with a sequence identity of at least 80%, preferably at least 85%, further preferred at least 90%, even more preferred at least 92%, also preferred at least 95%, particularly preferred at least 98% and most preferred at least 99% to SEQ ID NO: 11, SEQ ID NO: 13, SEQ ID NO: 15 or SEQ ID NO: 17.

21: 2019/05349. 22: 13/08/2019. 43: 2020/11/30
51: H04W; H04B
71: NTT DOCOMO, INC.
72: TAKEDA, KAZUAKI, NAGATA, SATOSHI, NA, CHONGNING, KAKISHIMA, YUICHI
33: JP 31: 2017-018950 32: 2017-02-03
54: USER TERMINAL AND RADIO COMMUNICATION METHOD
00: -
The present invention is designed to enable quick beam recovery. A user terminal according to the present invention has a receiving section that receives a downlink (DL) signal, and a control section that controls a beam that is used to transmit and/or receive the DL signal, and the control section controls transmission of an uplink (UL) signal that requests switching of the beam, based on the received power and/or the received quality of a plurality of mobility measurement signals that are respectively associated with a plurality of beams.

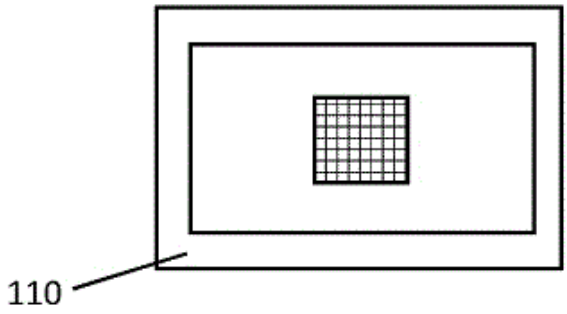


21: 2019/05354. 22: 13/08/2019. 43: 2020/11/30
51: E02D; E21D
71: FERRAMILL OY
72: SUHONEN, KASPER
33: FI 31: 20175091 32: 2017-02-02
54: INJECTION TOOL AND A METHOD FOR INJECTION
00: -
This invention relates to an injection tool (1) which comprises a longer smaller diameter pipe (3) assembled movable inside a shorter larger diameter pipe (4), a connection piece (2) assembled at the first end of the smaller diameter pipe (3), a projecting part (8) connected to the smaller diameter pipe (3) near the connecting piece (2), the projecting part (8) having an opening or groove for a bolt (10), a projecting part (9) connected near to the first end of the larger diameter pipe (4) the projecting part (9) having threaded opening for the bolt (10), the bolt (10) connecting the projecting parts (8, 9) and the bolt (10) having a fixed stopper plate (11), a nose piece (7) assembled to the second end of the smaller diameter pipe (3), a press plate (5) assembled to the second end of the larger diameter pipe (4) and a sealing rubber (6) around the smaller diameter pipe (3) situated between the nose piece (7) and the press plate (5). This invention also relates to a method for injection which comprises the steps of entering the injection tool (1) to the borehole, tightening the injection tool (1) to the borehole, connecting the injection machine to the injection tool (1), starting the injection, and an forming automatically functioning valve to the nose piece (7) at the second end of the injection tool.



21: 2019/05372. 22: 14/08/2019. 43: 2020/11/30
51: A61K
71: ALLEGRO PHARMACEUTICALS, LLC
72: KARAGEOZIAN, HAMPAR L, PARK, JOHN Y, KARAGEOZIAN, VICKEN H
33: US 31: 62/448,300 32: 2017-01-19
33: US 31: 62/500,998 32: 2017-05-03
54: THERAPEUTIC AND NEUROPROTECTIVE PEPTIDES
00: -
Non-natural peptides and their methods of use in human or non-human animal subject to cause an effect such as: neuroprotection, protecting against or lessening nerve impairment or damage, treating glaucoma, treating age-related macular degeneration or other inherited or acquired retinal degenerations, enhancing retinal tissue repair, enhancing retinal regenerative therapy through activation of innate immune cells or treating inherited or acquired retinal degeneration

21: 2019/05374. 22: 14/08/2019. 43: 2020/11/30
51: G06Q
71: HAMILTON, CHRISTOPHER JOHN
72: HAMILTON, CHRISTOPHER JOHN
33: GB 31: 1702706.1 32: 2017-02-20
54: ELECTRONIC PAYMENT APPARATUS
00: -
The present invention concerns electronic payment apparatus. More particularly, but not exclusively, this invention concerns electronic payment apparatus, and methods and systems for making electronic payments. An apparatus for conducting a financial transaction is provided. The apparatus comprises a smart device with an application. The smart device has a first configuration in which the application displays account information, and a second configuration in which the smart device displays an optically readable transaction authorisation code. The transition between the first configuration and second configuration is effected by changing the orientation of the smart device.



21: 2019/05375. 22: 14/08/2019. 43: 2020/11/30
51: F28F; F28D; F17C; F03G
71: TOTAL SA
72: COLLET, PASCAL, THEVENARD, JOHANN
54: METHOD AND HOLLOW STRUCTURE FOR COOLING A HEAT TRANSFER FLUID
00: -
The present invention concerns a hollow structure for supporting an offshore installation, said hollow structure being adapted to receive heat transfer fluid flow which has been warmed up in a liquefied natural gas production facility, said hollow structure comprising: - an empty space, - a fluid inlet enabling said fluid flow to enter into the empty space, - a fluid outlet fluidly connected to said fluid inlet and enabling said fluid flow to circulate from the fluid inlet to the fluid outlet through the empty space, - a turbulator positioned in the empty space and enabling said fluid flow to circulate in a turbulent flow in the empty space, and a method for cooling a heat transfer fluid comprising the step of circulating said heat transfer fluid in a turbulent flow through an empty space of a hollow structure which is floating or submerged in a water body.

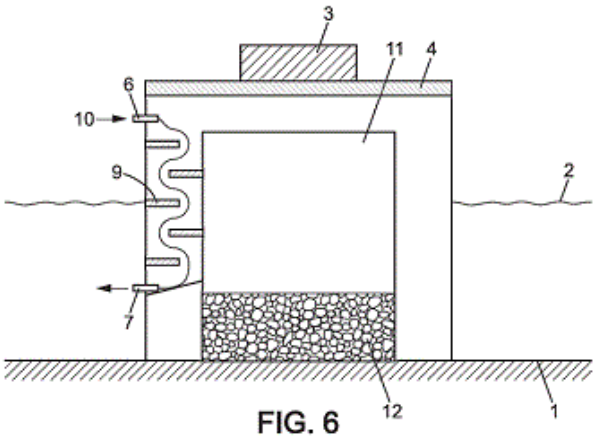


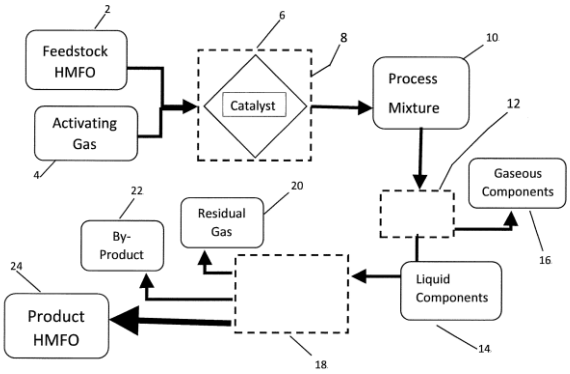
FIG. 6

21: 2019/05399. 22: 15/08/2019. 43: 2020/11/27
51: C10G; C10L; F23C
71: MAGM TECHNOLOGY, LLC
72: KLUSSMANN, Bertrand R., MOORE, Michael J.
33: US 31: 62/458,002 32: 2017-02-12
33: US 31: 62/589,479 32: 2017-11-21

54: PROCESS AND DEVICE FOR REDUCING ENVIRONMENTAL CONTAMINATES IN HEAVY MARINE FUEL OIL

00: -

A process and device for reducing the environmental contaminants in a ISO 8217 compliant Feedstock Heavy Marine Fuel Oil, the process involving: mixing a quantity of the Feedstock Heavy Marine Fuel Oil with a quantity of Activating Gas mixture to give a feedstock mixture; contacting the feedstock mixture with one or more catalysts to form a Process Mixture from the feedstock mixture; separating the Product Heavy Marine Fuel Oil liquid components of the Process Mixture from the gaseous components and by-product hydrocarbon components of the Process Mixture and, discharging the Product Heavy Marine Fuel Oil. The Product Heavy Marine Fuel Oil is compliant with ISO 821 7 for residual marine fuel oils and has a sulfur level has a maximum sulfur content (ISO 14596 or ISO 8754) between the range of 0.05 % wt. to 0.5 % wt.. The Product Heavy Marine Fuel Oil can be used as or as a blending stock for an ISO 8217 compliant, IMO MARPOL Annex VI (revised) compliant low sulfur or ultralow sulfur heavy marine fuel oil.

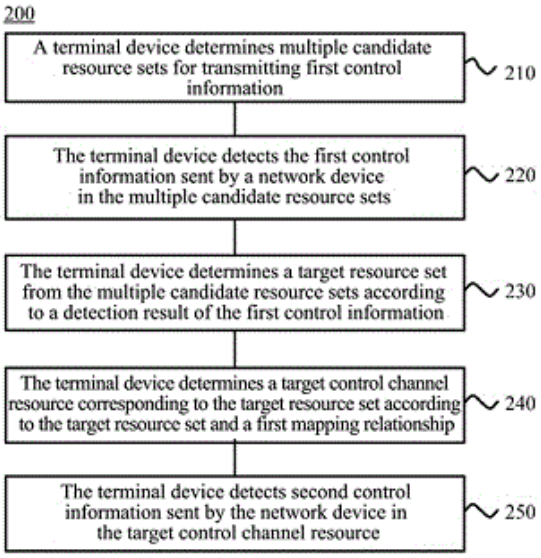


21: 2019/05412. 22: 15/08/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: TANG, HAI, XU, HUA

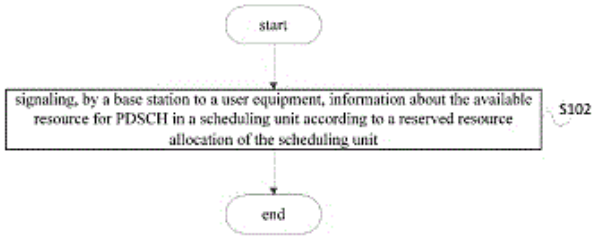
54: METHOD FOR TRANSMITTING DOWNLINK CONTROL INFORMATION, TERMINAL DEVICE AND NETWORK DEVICE

00: -

Disclosed are a method for transmitting downlink control information, a terminal device and a network device. The method comprises: a terminal device determining multiple candidate resource sets for transmitting first control information; the terminal device detecting, in the multiple candidate resource sets, the first control information sent by the network device; the terminal device determining, according to a detection result of the first control information, a target resource set in the multiple candidate resource sets; the terminal device determining, according to the target resource set and a first mapping relationship, a target control channel resource corresponding to the target resource set, with the first mapping relationship being used for representing a correlation between the multiple candidate resource sets and multiple control channel resources; and the terminal device detecting, in the target control channel resource, second control information sent by the network device. In this way, the blind detection complexity for control information can be reduced for a terminal device.



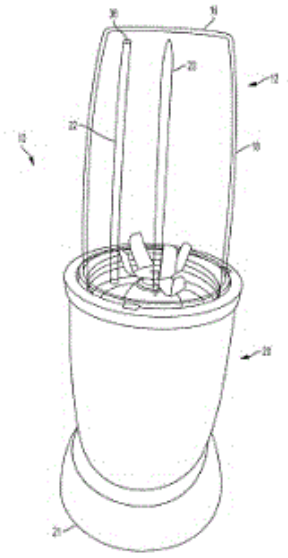
21: 2019/05436. 22: 16/08/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: XU, HUA
33: US 31: 62/448,537 32: 2017-01-20
54: METHOD FOR INFORMING AVAILABLE RESOURCE FOR PDSCH, METHOD FOR DETERMINING AVAILABLE RESOURCE FOR PDSCH, BASE STATION AND UE
00: -
A method for informing available resource for PDSCH, a method for determining available resource for PDSCH, a base station and a user equipment are provided. The method for informing available resource for PDSCH includes: signaling, by a base station to a user equipment, information about the available resource for PDSCH in a scheduling unit according to a reserved resource allocation of the scheduling unit. The reserved resource allocation of the scheduling unit indicates in frequency domain one or more resource sets and indicates in time domain a part of OFDM symbols within the one or more resource sets of the scheduling unit as a reserved resource set, and the information about the available resource for PDSCH in the scheduling unit includes information representing the reserved resource allocation of the scheduling unit. The reserved resource set would not to be used for transmitting the PDSCH.



21: 2019/05437. 22: 16/08/2019. 43: 2020/11/27
51: B01D
71: AQUAPORIN A/S
72: SPULBER, MARIANA, GERSTANDT, KAREN
33: DK 31: PA201770963 32: 2017-12-20
33: SG 31: SG10201703559Q 32: 2017-05-02
33: GB 31: 1701945.6 32: 2017-02-06
33: EP 31: PCT/EP2017/052567 32: 2017-02-06
54: DIBLOCK COPOLYMER VESICLES AND SEPARATION MEMBRANES COMPRISING AQUAPORIN WATER CHANNELS AND METHODS OF MAKING AND USING THEM
00: -
The present invention relates to a vesicle in a liquid composition comprising an amphiphilic diblock copolymer of the $PMOXA_{a-b}$-$PDMS_{c-d}$ type as vesicle membrane forming material, further comprising as an additive from about 0.05% to about 1% v/v of reactive end group functionalised $PDMS_{e-f}$, and a transmembrane protein. The vesicle optionally comprises about 1 to about 12 % v/v of triblock copolymer of the $PMOXA_{a-b}$-$PDMS_{c-d}$-$PMOXA_{a-b}$ type as membrane forming material.

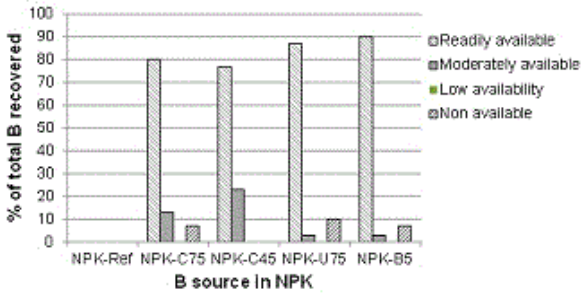
21: 2019/05438. 22: 16/08/2019. 43: 2020/11/30
51: A47J
71: TROJAN, R JOSEPH
72: TROJAN, R JOSEPH
33: US 31: 15/703,933 32: 2017-09-13
33: US 31: 15/457,874 32: 2017-03-13
33: US 31: 62/456,920 32: 2017-02-09
33: US 31: 15/633,383 32: 2017-06-26
54: VACUUM BLENDER
00: -
A vacuum blender having a vessel, a motor base containing a motor having a motor drive shaft, the motor base containing a vacuum pump, the motor drive shaft adapted to drive the vacuum pump, a blade holder having a blade with a blade shaft for engaging the motor drive shaft, and a fan connected to the motor drive shaft. The blender includes a conduit system for the passage of air from the vessel

to the ambient environment. The fan and blade are capable of being selectively actuated using a gear or clutch system, preferably operated by firmware. The vacuum pump may also be selectively actuated using a solenoid to disengage the motor drive shaft from the vacuum pump or by closing the conduit system from the vessel to the vacuum pump. The invention is capable of evacuating air from the vessel before blending of the food contents occurs.



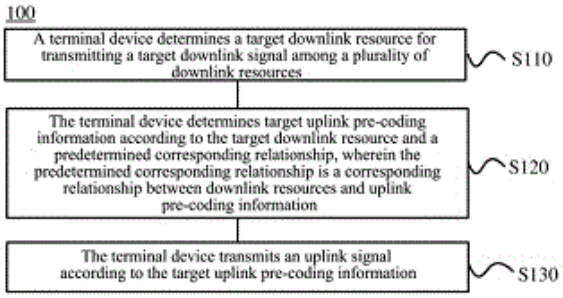
21: 2019/05440. 22: 16/08/2019. 43: 2020/11/30
51: C12N; C07K
71: COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
72: WOOD, CRAIG CHRISTOPHER, ALLEN, ROBERT SILAS, OKADA, SHOKO, WARDEN, ANDREW CHARLES, TILBROOK, KIMBERLEY THELMA, TAYLOR, MATTHEW CRAIG
33: AU 31: 2017900359 32: 2017-02-06
54: EXPRESSION OF NITROGENASE POLYPEPTIDES IN PLANT CELLS
00: -
The present invention relates to methods and means for producing nitrogenase polypeptides in the mitochondria of plant cells. The present disclosure provides plant cells that express one or more MTP-Nif fusions and/or translational NifD-NifK and NifE-NifN fusions. The present disclosure also provides nucleic acid constructs encoding these fusions as well as expression constructs for expression and targeting of the fusions to the mitochondria of plant cells. The present disclosure also provides transgenic plants comprising the plant cells of the invention and products obtained therefrom.

21: 2019/05442. 22: 16/08/2019. 43: 2020/11/30
51: C05B; C05C; C05D; C05G
71: YARA INTERNATIONAL ASA
72: MULATO, RICCARDO, MYRSTAD, AMUND
33: EP 31: 17158113.5 32: 2017-02-27
54: METHOD FOR PRODUCING FERTILIZER PARTICLES COMPRISING ALTERNATIVE BORON SOURCES
00: -
The present disclosure concerns a method for producing fertilizer particles comprising an alternative source of boron. It is found that certain colemanite and ulexite powders can be supplied to a fertilizer melt shortly before granulation essentially without dissolving into the melt. Accordingly, the fertilizer particles produced from the melt may contain negligible amounts or non-detectable levels of sodium borates or boric acid. Furthermore, the fertilizer particles can be homogeneous which is desirable for boron supplying fertilizers. It is also found that the fertilizer particles can supply boron to plants at a rate comparable to borax pentahydrate.

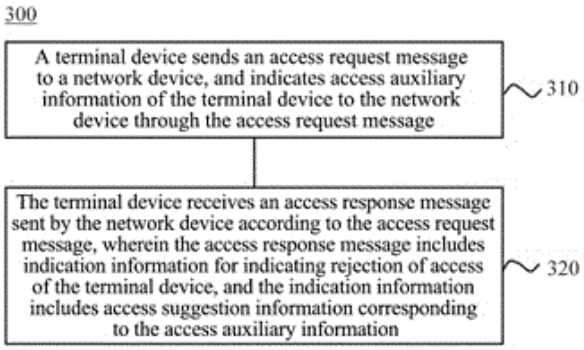


21: 2019/05468. 22: 19/08/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: TANG, HAI
54: METHOD AND DEVICE FOR TRANSMITTING UPLINK SIGNALS
00: -
Provided in the present application are a method and a device for transmitting uplink signals, the method comprising: a terminal device determining a target downlink resource, among a plurality of downlink resources, for transmitting a target downlink signal; the terminal device determining,

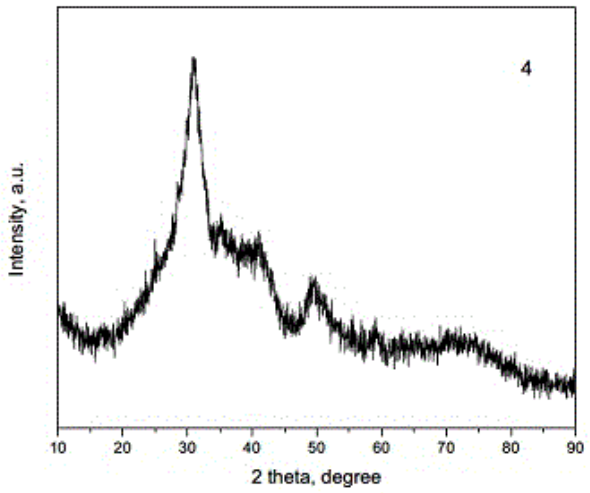
according to the target downlink resource and a preset correlation, target uplink precoding information, the preset correlation being the correlation between downlink resources and uplink precoding information; and the terminal device transmitting the uplink signal according to the target uplink precoding information. The method for transmitting uplink signals provided in the present application can reduce signaling overheads.



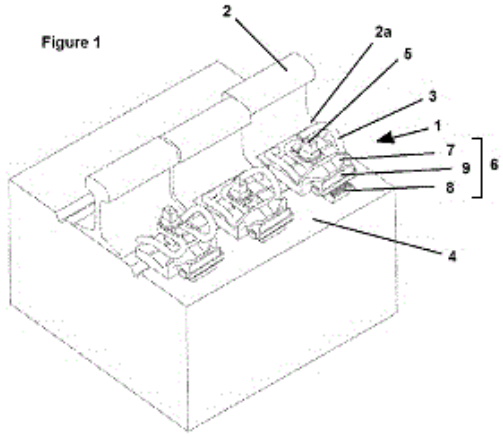
21: 2019/05469. 22: 19/08/2019. 43: 2020/11/26
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: LIU, JIANHUA, YANG, NING
54: RANDOM ACCESS METHOD, TERMINAL APPARATUS, AND NETWORK APPARATUS
00: -
Disclosed in the present application are a random access method, terminal apparatus, and network apparatus. The method comprises: a terminal apparatus sending to a network apparatus an access request message, and indicating, by means of the access request message, access assistance information of the terminal apparatus to the network apparatus; and the terminal apparatus receiving an access response message sent according to the access request message and by the network apparatus, the access response message including instruction information configured to instruct denying of an access of the terminal apparatus, and the instruction information including access suggestion information corresponding to the access assistance information. In this way, the present invention improves a success rate of a random access of a terminal apparatus.



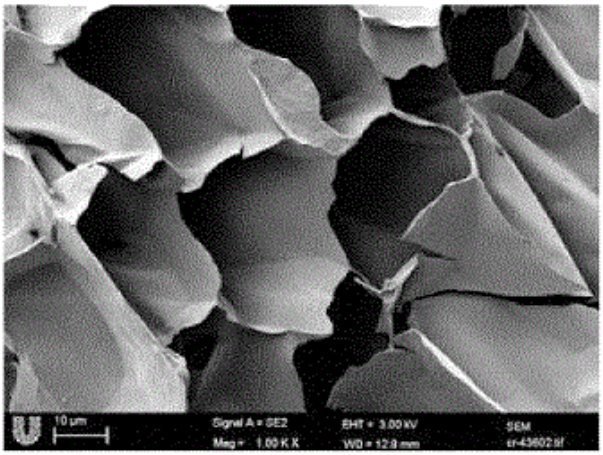
21: 2019/05471. 22: 19/08/2019. 43: 2020/11/27
51: B01J; C10G
71: SYNFUELS CHINA TECHNOLOGY CO., LTD.
72: ZHANG, CHENGHUA, LI, YONGWANG, YANG, YONG, WANG, HULIN, WANG, XIANZHOU, XIANG, HONGWEI
33: CN 31: 201710320760.4 32: 2017-05-09
54: FISCHER-TROPSCH SYNTHESIS CATALYST CONTAINING NITRIDE SUPPORT, PREPARATION METHOD THEREFOR AND USE THEREOF
00: -
Disclosed are a Fischer-Tropsch synthesis catalyst, a preparation method therefor and the use thereof in a Fischer-Tropsch synthesis reaction. The catalyst comprises: an active component being at least one selected from Group VIIIB of transition metals; an optional auxiliary metal; and a nitride support having a high specific surface area. An active metal in the catalyst is supported on the nitride support having a high specific surface area such that the active component in the catalyst is highly dispersed. The catalyst has a high hydrothermal stability, an excellent mechanical wear resistance, a high Fischer-Tropsch synthesis activity and an excellent high-temperature stability.



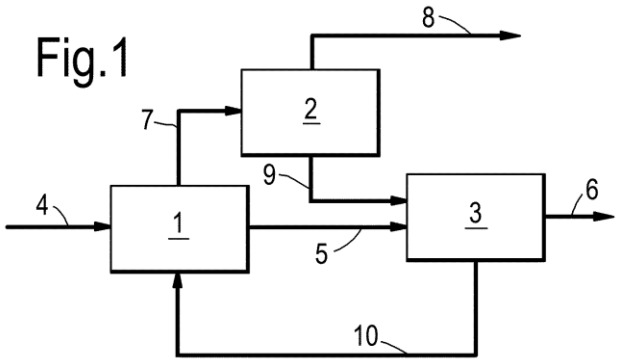
21: 2019/05497. 22: 20/08/2019. 43: 2020/11/30
51: E01B
71: VOSSLOH COGIFER
72: BARRESI, FRANCESCO, KOEBEL, CHRISTOPHE, MULLER, CHRISTOPHE
33: FR 31: 1752003 32: 2017-03-10
54: RAIL SECURING SYSTEM
00: -
The invention relates to a system (1) for securing a rail (2) by pinching the rail, comprising: a spring (3) bearing on the rail base (2a), a means (5) for securing the spring to a structure (4) carrying the rail, characterized in that the spring means bears against a device (6) for adjusting the spring comprising: a means (7) for supporting the spring, intended to be in contact with an edge of the rail, the spring being unable to move in translation with the support means, a means (8) for anchoring to the structure supporting the rail, a means (9) for adjusting the position of the support means with respect to the anchoring means.



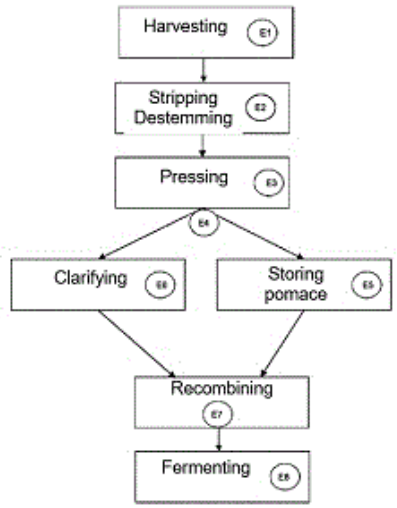
21: 2019/05498. 22: 20/08/2019. 43: 2020/11/27
51: A23D; A23L
71: UNILEVER PLC
72: FLENDRIG, LEONARDUS MARCUS, VAN DER HIJDEN, HENDRIKUS THEODORUS W M
33: EP 31: 17166411.3 32: 2017-04-13
54: COMPOSITION COMPRISING AN OIL PHASE
00: -
The present invention relates to a composition comprising a structured oil phase, wherein the oil phase comprises liquid oil; hardstock fat; and particles of puffed endosperm of one or more puffable seeds, dispersed in said oil phase, wherein wherein the puffed endosperm comprises puffed endosperm of puffable seeds other than maize kernels. The invention also provides a method to prepare such compositions and use of a synergistic combination of hardstock fat and particles of puffed endosperm of one or more puffable seeds to structure the oil phase of a composition comprising an oil phase.



21: 2019/05509. 22: 2019/08/21. 43: 2020/11/20
51: C10G; C12P
71: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
72: KOTAK, Parag
54: A PROCESS FOR PREPARING A PARAFFIN PRODUCT
00: -
The invention relates to a process for preparing a paraffin product from a carbonaceous feedstock. The method comprises the steps of obtaining a gaseous mixture of carbon monoxide and hydrogen from a carbonaceous feedstock, performing a Fischer-Tropsch reaction and subjecting at least part of an off gas obtained from the Fischer-Tropsch reaction to fermentation.

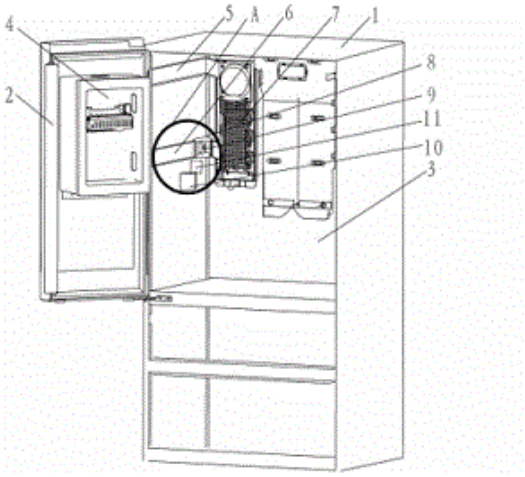


21: 2019/05522. 22: 21/08/2019. 43: 2020/11/30
51: C12G; C12H
71: BIOMCO
72: BEAUVILLAIN, BENOIT
33: FR 31: 1750915 32: 2017-02-03
54: PROCESS FOR WINE-MAKING FROM CLARIFIED JUICE
00: -
Wine-making process comprising, in the following order: 1) a step of collecting harvested grapes, 2) a step of stripping, 3) a step of pressing, 4) a step of separation of must and pomace, 5) a step of reserving the pomace under inert atmosphere in a first container (C1), 6) a step of clarifying the must in a second container (C2), 7) a step of recombining the pomace and the clarified must in a single container, 8) a step of fermentation.

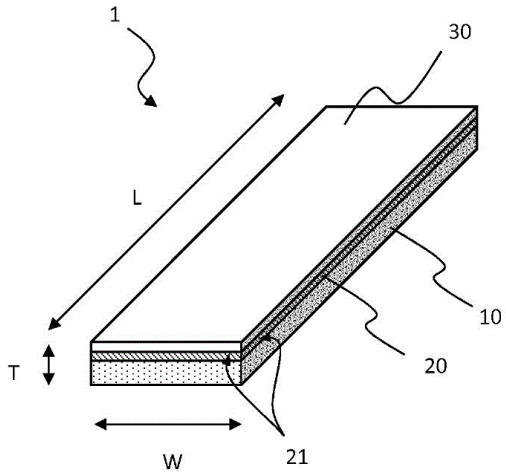


21: 2019/05552. 22: 22/08/2019. 43: 2020/11/27
51: F25D
71: HEFEI HUALING CO., LTD, HEFEI MIDEA REFRIGERATOR CO., LTD., MIDEA GROUP CO., LTD.
72: LV, ZHENGGUANG, SHAO, YANG, SI, ZENGQIANG, YANG, GUANGQING, WANG, JINCAI
33: CN 31: 201710076911.6 32: 2017-02-13
54: REFRIGERATOR
00: -
A refrigerator, comprising a refrigerator body (1) provided with a refrigerating chamber (3), an ice maker (4), an ice making air duct, a first fan assembly arranged in the ice making air duct and an ice maker evaporator (7). The ice making air duct comprises an air inlet duct (5) and an air return duct (6); the air inlet duct (5) and the air return duct (6) are both arranged in a foaming layer of the refrigerating chamber (3), and one end thereof close to the ice maker (4) extends into a foaming layer on a door body (2) of the ice maker (4). The first fan assembly is detachably arranged in the air return duct (6) located in the foaming layer of the

refrigerating chamber (3), and may be integrally disassembled from and installed in the air return duct (6). The installation and maintenance manufacturability of the first fan are both good, and the fan does not occupy the chamber of the ice maker evaporator (7) and the ice storage space of the ice maker (4), thus being beneficial to improving the ice storage capacity of the ice maker (4). The ice maker evaporator (7) is arranged between the air inlet duct (5) and the air return duct (6) and at the side far away from the ice maker (4), which is beneficial to improving the driving efficiency of the fan and the heat exchange efficiency of the ice maker evaporator (7), and also avoids the problem of a quality defect caused by freezing of the fan.

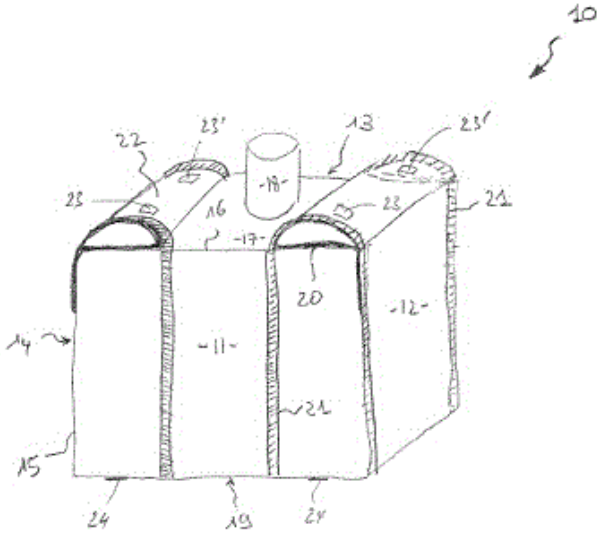


21: 2019/05575. 22: 2019/08/23. 43: 2020/11/20
51: A24F
71: PHILIP MORRIS PRODUCTS S.A.
72: ROSSOLL, Andreas, Michael, FURSA, Oleg
33: EP 31: 17164354.7 32: 2017-03-31
54: SUSCEPTOR ASSEMBLY FOR INDUCTIVELY HEATING AN AEROSOL-FORMING SUBSTRATE
00: -
The present invention relates to a susceptor assembly (1) for inductively heating an aerosol-forming substrate and to a method for producing such an assembly. The susceptor assembly comprises a first susceptor (10) and a second susceptor (20). A Curie temperature of the second susceptor is lower than 500°C. At least a portion of an outer surface of the second susceptor comprises an anti-corrosion covering (30) and at least a portion of an outer surface of the first susceptor is exposed. The invention further relates to aerosol-generating article comprising an aerosol-forming substrate and a susceptor assembly.

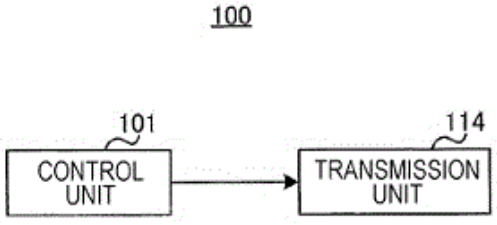


21: 2019/05592. 22: 23/08/2019. 43: 2020/11/27
51: B65D
71: CODEFINE INTERNATIONAL SA
72: SCHINASI, PIERO
33: EP 31: 17154827.4 32: 2017-02-06
54: STACKABLE BAG FOR THE TRANSPORT AND STORAGE OF BULK GOODS
00: -
The invention relates to a bag (10) for the transport and storage of bulk goods comprising at least a bottom (19), four sides (11-14), wherein the four sides (11-14) are connected along adjacent edges to form vertical ridges (15) at each of the four corners of the bag and each side (11-14) is connected to a lid (17) along an upper edge to form a horizontal ridge (16); wherein the bag (10) further comprises four lifting straps (20), each lifting strap (20) having a first section (20a) and a second section (20b) separated by an intermediate section (20c); wherein the first and the second sections (20a, 20b) are sewn on a vertical ridge (15) of the bag; wherein the intermediate section (20c) forms an oblong loop and is positioned along the horizontal ridge (16) of the bag; wherein the bag (10) further comprises four restraining straps (21), each restraining strap (21) having two vertical sections (21 a, 21b) separated by a U- shaped section (21 c), each vertical section (21 a, 21 b) being sewn on one side (11-14) of the bag and the U-shaped section (21c) being positioned over the intermediate section (20c) of a lifting strap (20) and being at least partially sewn thereon; wherein the restraining straps (21) are configured so

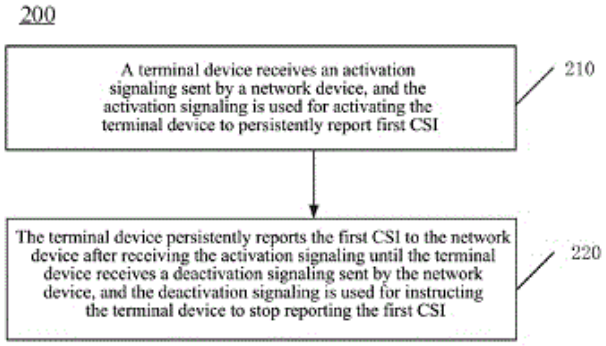
as to limit the extension of the top of the loops formed by the intermediate sections (20c) of the lifting straps (20) in the vertical direction.



21: 2019/05625. 22: 26/08/2019. 43: 2020/11/30
51: H04W; H04L
71: PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
72: YAMAMOTO, TETSUYA, SUZUKI, HIDETOSHI
33: JP 31: 2017-221981 32: 2017-11-17
33: JP 31: 2017-057802 32: 2017-03-23
54: BASE STATION, TERMINAL, AND COMMUNICATION METHOD
00: -
In this base station, a control unit selects one parameter combination from a plurality of parameter combinations regarding an uplink control channel (PUCCH) resource. A transmission unit makes notification of resource setting (Semi-static resource configuration) indicating the plurality of combinations by upper layer signaling to a terminal, and makes notification of the selected one combination by dynamic signaling (DCI) to the terminal.



21: 2019/05652. 22: 27/08/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: TANG, HAI
54: WIRELESS COMMUNICATION METHOD, TERMINAL DEVICE, AND NETWORK DEVICE
00: -
A wireless communication method, a terminal device and a network device, which can satisfy requirements of a 5G communication system on communication performance. The method comprises: a terminal device receives activation signaling sent by a network device, the activation signaling being used for activating continuous reporting of first CSI by the terminal device; and after receiving the activation signaling, the terminal device continuously reports the first CSI to the network device, until the terminal device receives deactivation signaling sent by the network device, the deactivation signaling being used for instructing the terminal device to stop reporting the first CSI.



21: 2019/05653. 22: 27/08/2019. 43: 2020/11/27
51: F02G; F04B; F01B; F25B; F24F; F02B
71: NOVA SOMOR S.R.L.
72: BELARDINELLI, ROBERTO, MANCINI, GIORDANO, DI MAIUTA, ALESSANDRO
33: IT 31: 102017000025301 32: 2017-03-07
54: THERMODYNAMIC ENGINE
00: -
A thermodynamic motor (1) comprises: a thermodynamic circuit (2) for implementing by a working fluid, a power thermodynamic cycle, said thermodynamic circuit (2) comprising an evaporator (4), a motor (5), a condenser (6) and a compressor (7); a first cylinder-plunger group (12) with a first cylinder (16) and a first plunger (17), and a second cylinder-plunger group (13) with a second cylinder

(34) and a second plunger (35), wherein said first (17) and second plungers (35) are translatingly integral with each other by means of a common stem (15), wherein: said first cylinder-plunger group (12) implements said compressor (7) of the thermodynamic circuit (2); said second cylinder-plunger group (13) implements said motor (5) of the thermodynamic circuit (2); said evaporator (4) comprises a first thermal exchanger (46) configured to put in a thermal exchange relationship said working fluid of the thermodynamic circuit (2) with a first hot thermal carrier fluid in a thermal relationship with a hot thermal source; said condenser (6) comprises a second thermal exchanger (51) configured to put in a thermal exchange relationship said working fluid of the thermodynamic circuit (2) with a second cold thermal carrier fluid in a thermal exchange relationship with a cold thermal source.

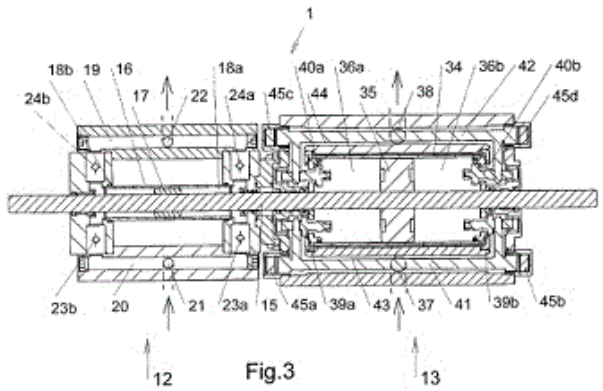
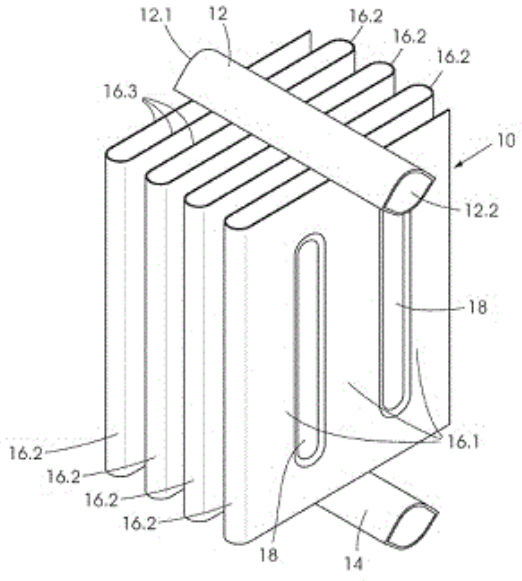


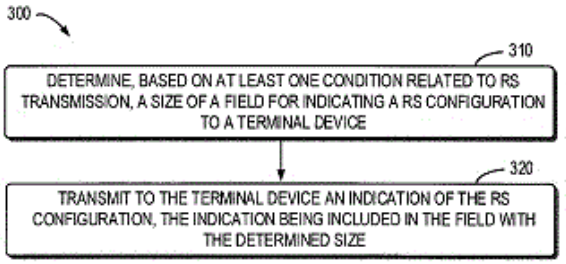
Fig.3

21: 2019/05655. 22: 27/08/2019. 43: 2020/11/30
51: A23J; A23L
71: BURCON NUTRASCIENCE (MB) CORP.
72: SCHWEIZER, MARTIN, GOSNELL, BRANDY, WILLARDSEN, RANDY, MEDINA, SARAH, SEGALL, KEVIN
33: US 31: 62/466,581 32: 2017-03-03
54: PREPARATION OF ACID SOLUBLE PULSE PROTEIN HYDROLYZATES WITH LITTLE OR NO ASTRINGENCY AND PULSE PROTEIN HYDROLYZATES OF IMPROVED AMINO ACID SCORE
00: -
The invention relates to a method of processing a pulse protein material, which comprises effecting hydrolysis of the pulse protein material, optionally adjusting the pH, then separating to form a soluble fraction and processing the soluble fraction to provide a pulse protein hydrolyzate which is substantially completely soluble throughout the pH range of about 2 to about 7 and which provides little or no astringency when an acidic beverage containing the pulse protein hydrolyzate is consumed and a solid residue, and processing the solid residue to provide a second pulse protein hydrolyzate having an improved Amino Acid Score, which is improved compared to the substrate pulse protein material.

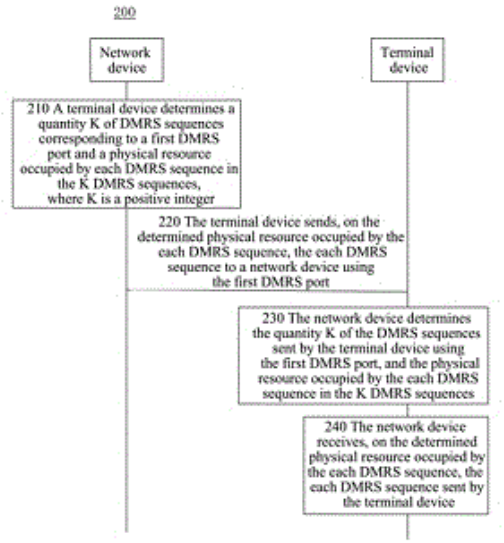
21: 2019/05656. 22: 27/08/2019. 43: 2020/11/27
51: F28F; F28D; H01F
71: MC CHLERY, CRAIG ROBERT
72: MC CHLERY, CRAIG ROBERT
33: ZA 31: 2017/01694 32: 2017-03-08
54: TRANSFORMER RADIATOR
00: -
This invention concerns a transformer radiator. The radiator includes an inlet manifold, an outlet manifold and a heat exchange fin. The find extends between and is connected to the inlet and outlet manifolds. The heat exchange fin defines at least one oil flow passage to convey transformer oil, which, in use, enters the radiator through the inlet manifold, to the outlet manifold. The heat exchange fin is further provided by a single component having a continuously undulating profile and the manifolds extend transversely to the turns of the undulating profile.



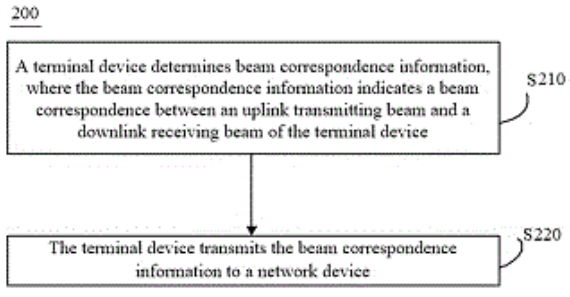
21: 2019/05681. 22: 28/08/2019. 43: 2020/11/27
51: H04W
71: NEC CORPORATION
72: GAO, YUKAI, WANG, GANG
54: METHODS AND APPARATUSES FOR REFERENCE SIGNAL CONFIGURATION
00: -
Embodiments of the present disclosure relate to methods and devices for reference signal (RS) transmission. In example embodiments, a method implemented in a network device is provided. According to the method, the size of a field for indicating a RS configuration to a terminal device served by the network device is determined based on at least one condition related to RS transmission. A first indication of the RS configuration is transmitted to the terminal device. The first indication is included in the field with the determined size.



21: 2019/05682. 22: 28/08/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: LIN, YANAN
54: WIRELESS COMMUNICATION METHOD, TERMINAL DEVICE, AND NETWORK DEVICE
00: -
A wireless communication method, a terminal device and a network device can realize multi-user multiplexing of terminal devices that transmit DMRS sequences using different multiple access modes. The method includes: determining, by a terminal device, a quantity K of demodulation reference signal DMRS sequences corresponding to a first DMRS port and a physical resource occupied by each DMRS sequence in the K DMRS sequences, where K is a positive integer; and sending, on the determined physical resource occupied by the each DMRS sequence, the each DMRS sequence to a network device using the first DMRS port.

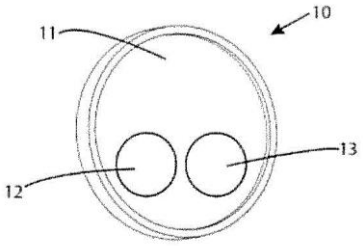


21: 2019/05684. 22: 28/08/2019. 43: 2020/11/27
51: H04B
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: TANG, HAI
54: COMMUNICATION METHOD, TERMINAL DEVICE, AND NETWORK DEVICE
00: -
Embodiments of the present application provide a communication method, a terminal device and a network device. The method includes: a terminal device determines beam correspondence information, where the beam correspondence information indicates a beam correspondence between an uplink transmitting beam and a downlink receiving beam of the terminal device; and the terminal device transmits the beam correspondence information to a network device. The communication method according to embodiments of the present application can alleviate the burden on devices.



21: 2019/05704. 22: 2019/08/29. 43: 2020/11/20
51: B65G; G01K

71: M V G ELECTRICAL PTY LTD
72: GLEADHILL, Mark
54: TEMPERATURE MONITORING DEVICE AND DISPENSER THEREFOR
00: -
A temperature monitoring device provides an operator a visual indication of the temperature of a machine component reaching a predetermined threshold temperature. The device includes at least one region of thermochromic material which changes from an initial colour to an activated colour when the machine component reaches a threshold temperature.



21: 2019/05751. 22: 30/08/2019. 43: 2020/11/27
51: C01B
71: ARKEMA FRANCE
72: NICOLAS, SERGE, LUTZ, CÉCILE, DUBOIS, JEAN-LUC, LECOMTE, YVAN
33: FR 31: 1752196 32: 2017-03-17
54: METHOD FOR THE CONTINUOUS SYNTHESIS OF ZEOLITE CRYSTALS
00: -
The invention relates to a method for the continuous production of zeolite crystals, comprising the continuous introduction of a composition that can generate zeolite crystals in at least one crystallisation reaction zone subjected to stirring means, providing said composition with a flow characterised by a relative Reynolds number Re_r of between 40 and 50000, and the continuous recovery of crystals formed according to a flow characterised by a net Reynolds number Re_n of between 1 and 1500.

21: 2019/05752. 22: 30/08/2019. 43: 2020/11/27
51: A23L; A23P
71: UNILEVER PLC
72: VAN DER HIJDEN, HENDRIKUS THEODORUS WILHELMUS MARIA, LEMMERS, MARC, VREEKER, ROBERT
33: EP 31: 17166738.9 32: 2017-04-18
54: A SAVOURY CONCENTRATE
00: -
The present invention relates to a savoury concentrate comprising: a. at least 30 wt.%, by weight of the concentrate, of an oil phase comprising liquid oil; b. 3-30 wt.%, by weight of the concentrate, of an edible salt; c. 1-50 wt.%, by weight of the concentrate, of savoury taste giving ingredients; d. up to 10 wt.%, by weight of the concentrate, of water; and e. a fibrous preparation of delaminated cell wall material from plant tissue; wherein the fibrous preparation is dispersed in the oil phase in a concentration of 0.1 to 10 wt.%, by weight of the combined weight of the liquid oil and the fibrous preparation. The invention further relates to a method for the preparation of the savoury concentrate and to a process for preparing a ready-to-eat savoury product using the savoury concentrate.

21: 2019/05756. 22: 30/08/2019. 43: 2020/11/27
51: C01B
71: ARKEMA FRANCE
72: NICOLAS, SERGE, LUTZ, CÉCILE, LECOMTE, YVAN
33: FR 31: 1752197 32: 2017-03-17
54: METHOD FOR THE SYNTHESIS OF ZEOLITE CRYSTALS WITH A SEEDING AGENT
00: -
The present invention relates to a method for the synthesis of zeolite X crystals, comprising at least a step of adding seeding agent(s) to a synthesis gel and at least a step of forming zeolite X crystals at a temperature strictly greater than 120°C, preferably equal to or greater than 130°C.

21: 2019/05757. 22: 30/08/2019. 43: 2020/11/27
51: C01B
71: ARKEMA FRANCE
72: NICOLAS, SERGE, LUTZ, CÉCILE
33: FR 31: 1752198 32: 2017-03-17
54: METHOD FOR THE MULTI-SEEDING SYNTHESIS OF ZEOLITE CRYSTALS WITH CONTROLLED GRAIN SIZE
00: -
The present invention concerns a method for preparing zeolite crystals having a multi-modal grain size distribution, and the sizes of which are between 0.02 µm and 20 µm, said method comprising a first introduction of one or more seeding agents into the

tubular reactor or upstream of the tubular reactor, and at least a second introduction of one or more identical or different seeding agents into the tubular reactor.

21: 2019/05759. 22: 30/08/2019. 43: 2020/11/27
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: AXMON, JOAKIM, LINDOFF, BENGT, MOOSAVI, REZA, TIDESTAV, CLAES, RAMOS, EDGAR
33: EP 31: 17160372.3 32: 2017-03-10
54: A METHOD OF NEIGHBOR CELL DETECTION
00: -
A method is disclosed (20) of neighbor cell detection performed in a communication device (35) in a telecommunication system, wherein synchronization signals for cell detection are located in one or more subbands, each subband being part of the system frequency bandwidth, and repeated in repetition time periods. The method (20) comprises selecting (21) at least one subband-time interval resource for processing, wherein each subband is part of a system frequency bandwidth and each time interval is a part of a synchronization signal repetition time period, recording (22) one or more radio samples associated with the at least one subband-time interval resource, executing (23) detection of synchronization signals on the recorded radio samples, and repeating (24) the selecting (21), recording (22) and executing (23) until a stop criterion is fulfilled. A corresponding communication device (35) computer program (32) and computer program product (31) are also provided.

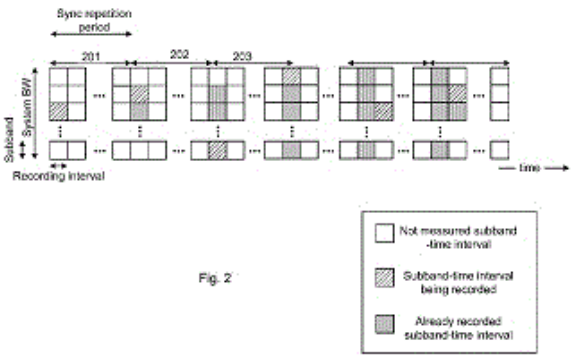


Fig. 2

21: 2019/05761. 22: 30/08/2019. 43: 2020/11/30
51: A61K; A61Q; A61P
71: UNILEVER PLC
72: CHU, CHUNG-CHING, PU, MINGMING
33: EP 31: 17168120.8 32: 2017-04-26
33: CN 31: PCT/CN2017/076923 32: 2017-03-16
54: AN ANTIMICROBIAL COMPOSITION COMPRISING ESSENTIAL OIL AND ANTIMICROBIAL LIPID
00: -
This invention relates to an antimicrobial composition, especially one which provides synergistic anti-dandruff or anti-acne efficacy. This is achieved through a judicious combination of select essential oil actives chosen from thymol, or terpineol and certain antimicrobial lipids selected from sapienic acid, palmitoleic acid, sphingosine, dihydrosphingosine, phytosphingosine, and 6-hydroxysphingosine. These compositions can be delivered through very many different types of personal care products e.g. shampoo, conditioner; face wash or hand wash product; or a leave on cream/ lotion.

21: 2019/05789. 22: 2019/09/02. 43: 2020/11/20
51: H04W
71: SITA INFORMATION NETWORKING COMPUTING USA, INC.
72: SINGH ATWAL, Balwinder, SERFONTEIN, Matthys, Christiaan, GLEASON, Shamus, Edward, TAMUR UL HAQ, Mian, TORBENSON, Eric, Richard
33: US 31: 62/468,067 32: 2017-03-07
54: SYSTEM, DEVICE AND METHOD FOR ACCESSING SHARED INFRASTRUCTURE
00: -
A computer processing device for providing access to one or more electronic devices is provided. The device comprising processing means (103) configured to: determine a location identifier associated with a user login event; associate the location identifier with a user session identifier; and communicate (3013) the location identifier and associated user session identifier to an application (109).

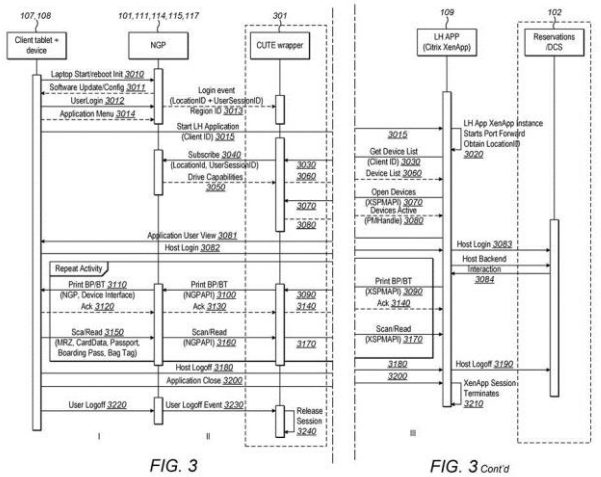
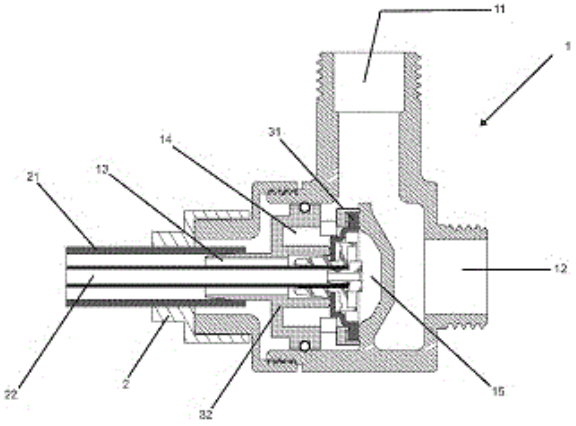


FIG. 3 FIG. 3 Cont'd

21: 2019/05894. 22: 06/09/2019. 43: 2020/11/30
51: C22B
71: PANGANG GROUP RESEARCH INSTITUTE CO., LTD.
72: HE, WENYI, PENG, YI, LI, MING, YE, LU, CHEN, YAN, SHEN, BIAO
33: CN 31: 201710249548.3 32: 2017-04-17
54: PRODUCTION METHOD FOR BATTERY-GRADE VANADIUM OXIDE
00: -
The invention belongs to the technical field of vanadium extraction, in particular to a production method for battery-grade vanadium oxide. The technical problem to be solved by the invention is to provide a production method for battery-grade vanadium oxide, comprising the steps of: A. adding a vanadium-containing leachate into a mixed solution of ammonium carbonate, ammonia water and ammonium sulfate, stirring to precipitate, and performing liquid-solid separation to obtain a crude vanadium-containing product; B. washing the crude vanadium-containing product with hot water to obtain a purified vanadium-containing leachate; and C. adjusting the pH value of the purified vanadium-containing leachate to 1.5-2.5, adding said leachate into a boiling ammonium sulfate solution, heating and stirring to precipitate, performing liquid-solid separation to obtain high-purity ammonium polyvanadate (APV), then washing, drying and calcinating the APV to obtain battery-grade vanadium pentoxide. The method of the invention has the features of simple technological process, low cost and the like, and the high-purity vanadium oxide product obtained by the method can meet the requriements for battery-grade raw materials.

21: 2019/05928. 22: 09/09/2019. 43: 2020/11/27
51: E03D
71: DURATEX S.A.
72: DE CARVALHO ROMERA, REGIS, GONZALEZ, VINICIUS
33: BR 31: BR1020170027392 32: 2017-02-10
54: HYDRAULIC FLOW CONTROL SYSTEM, PRIMARY VALVE FOR HYDRAULIC FLOW CONTROL SYSTEM AND HYGIENIC SHOWER HEAD FOR HYDRAULIC FLOW CONTROL SYSTEM
00: -
The present invention relates to the technological field of hydraulic flow control systems in hydraulic circuits provided with control valves. Problem to be solved: Nowadays, the hygienic shower heads are currently subject to high hydraulic pressure, which is usually sufficient to cause their breakage. Problem solution: A hydraulic flow control system is proposed between a primary valve and a hygienic shower head, wherein these two components are fluidly connected by a dual pipe, wherein the pressure of the hydraulic network is confined in the internal pipe, thus reducing the rupture of the external piping.



21: 2019/05932. 22: 09/09/2019. 43: 2020/11/30
51: G06Q
71: PEDAWI, SARWAR
72: PEDAWI, SARWAR
33: US 31: 15/461,100 32: 2017-03-16
54: GLOBAL ADDRESS SYSTEM AND METHOD
00: -
This disclosure relates to a system, method, and computer-readable device configured to receive demographic and geographical information and create a unique global address therefrom. For

example, the system comprises at least one processor configured to receive account information describing the remote user and global location data describing a remote location, validate the received information and data, determine navigational data, create a location code, and send the location code to a remote device.

21: 2019/05936. 22: 09/09/2019. 43: 2020/11/30
51: H02J; H01M
71: RELECTRIFY HOLDINGS PTY LTD
72: CROWLEY, DANIEL, MUENZEL, JAN VALENTIN, ZHANG, ZHE, FOLLENT, DANIEL
33: AU 31: 2017900386 32: 2017-02-08
54: BATTERY SYSTEM
00: -
The invention is directed to a battery system. The battery system includes a plurality of battery cell units, one or more switching assemblies operatively configured to selectively electrically connect any one of the battery cell units from the plurality of battery cell units in series with any other battery cell unit from the plurality of battery cell units, and disconnect any one of the battery cell units from being connected with any other battery cell units from the plurality of battery cell units, wherein the switching assemblies are configured to selectively connect and disconnect the battery cell units based on a set of control parameters. The battery system further includes two or more controllers for determining the set of control parameters and controlling the switching assemblies so as to provide a system output having a controllable voltage profile. The two or more controllers are configured for synchronised operation.

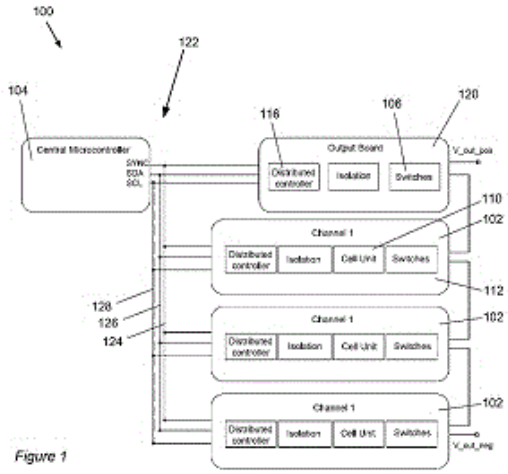
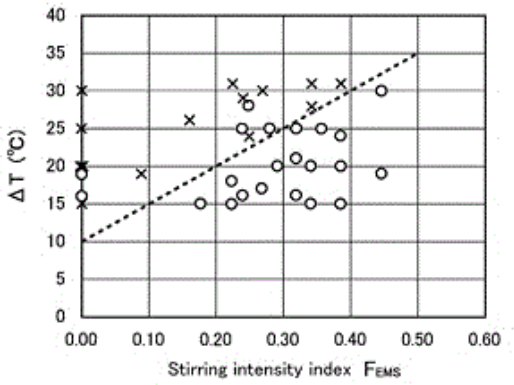


Figure 1

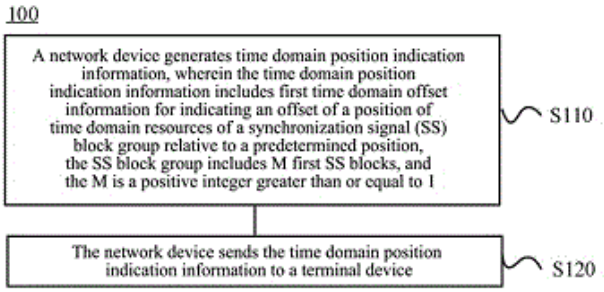
21: 2019/05962. 22: 2019/09/10. 43: 2020/11/20
51: A23K; A61K; C12N; C12R
71: CHR. HANSEN A/S
72: SANDVANG, Dorthe, STYRISHAVE, Tina
33: EP 31: 17160843.3 32: 2017-03-14
33: EP 31: 18154862.9 32: 2018-02-02
54: BACILLUS SUBTILIS STRAINS IMPROVING ANIMAL PERFORMANCE PARAMETERS
00: -
The present invention provides a Bacillus subtilis strain selected from the group consisting of a) the strain deposited as DSM32324,b) the strain deposited as DSM32325, and c) a mutant strain of (a) or (b) which has sensitivity for ampicillin, vancomycin, gentamicin, kanamycin, streptomycin, erythromycin, clindamycin, tetracycline, and chloramphenicol; and has inhibitory activity against E. coli and Clostridium perfringens. The invention further relates to Bacillus compositions comprising at least one Bacillus subtilis strain of the invention, preferably the Bacillus subtilis strain DSM32324and/or the Bacillus subtilis strain DSM32325, as Direct Fed Microbial (DFM), premix, animal feed additive or animal feed. The invention provides a method of improving one or more animal performance parameters selected from the group consisting of i) increased weight gain (WG), ii) lower feed conversion ratio (FCR), iii) lower necrotic enteritis lesion scoring, iv) lower necrotic enteritis frequency, v) lower necrotic enteritis mortality, vi) increased European Production Efficacy Factor (EPEF), and vii) lower mortality, by feeding a strain or a composition according to the invention to an animal.

21: 2019/05970. 22: 10/09/2019. 43: 2020/11/27
51: C07C
71: LUNELLA BIOTECH, INC.
72: LISANTI, MICHAEL P, SOTGIA, FEDERICA
33: US 31: 62/471,688 32: 2017-03-15
54: MITORIBOSCINS: MITOCHONDRIAL-BASED THERAPEUTICS TARGETING CANCER CELLS, BACTERIA, AND PATHOGENIC YEAST
00: -
The present disclosure relates to inhibitors of mitochondrial function. Methods of screening compounds for mitochondrial inhibition are disclosed. Also described are methods of using mitochondrial inhibitors called mitoriboscins - mitochondrial-based therapeutic compounds having anti-cancer and antibiotic properties - to prevent or treat cancer, bacterial infections, and pathogenic yeast, as well as methods of using mitochondrial inhibitors to provide anti-aging benefits. Specific mitoriboscin compounds and groups of mitoriboscins are also disclosed.

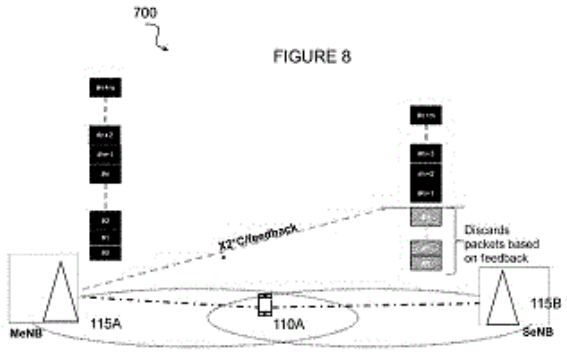
21: 2019/05971. 22: 10/09/2019. 43: 2020/11/30
51: B22D; C22C
71: NIPPON STEEL STAINLESS STEEL CORPORATION
72: SAITO, SHUN, MORITA, KAZUNARI, MORIKAWA, HIROSHI, EHARA, YASUHIRO
33: JP 31: 2017-060176 32: 2017-03-24
54: METHOD FOR PRODUCING AUSTENITE STAINLESS STEEL SLAB
00: -
To provide a continuous casting technique for stably and significantly suppressing surface defects generated in the longitudinal direction (the casting direction) of an austenite stainless steel continuous cast slab. [Solution] A method for producing an austenite stainless steel slab, wherein, in continuous casting of an austenite stainless steel, electromagnetic stirring (EMS) is performed by applying electric power at least to molten steel in a depth region where the solidified shell thickness is 5-10 mm at the center position in the long-side direction, the electric power being applied so that long-side direction streams flowing in opposite directions along both long sides are generated, and the casting condition is controlled so that the expression $10 < \Delta T < 50 \times F_{EMS} + 10$ is satisfied. In the expression, ΔT denotes a difference between the average molten steel temperature (°C) and the solidification starting temperature (°C) of the molten steel, and F_{EMS} denotes a stirring strength index represented by a function of the flow rate of the molten steel in the long-side direction caused by electromagnetic stirring, and a casting speed.



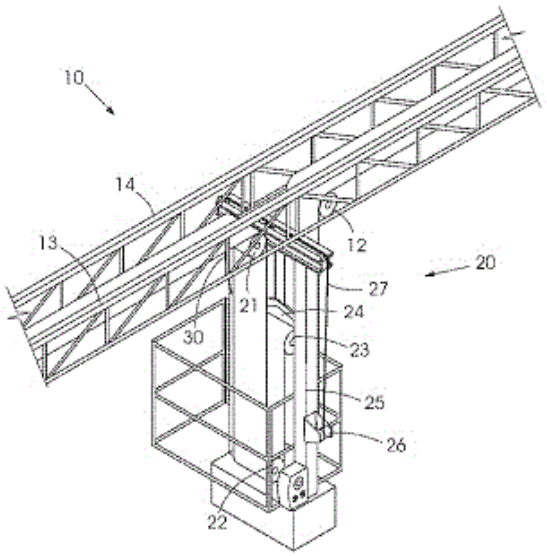
21: 2019/05972. 22: 10/09/2019. 43: 2020/11/30
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: ZHANG, ZHI, TANG, HAI
54: METHOD AND DEVICE FOR TRANSMITTING SYNCHRONIZATION SIGNAL
00: -
Provided are a method and device for transmitting a synchronization signal. The method comprises: a terminal device receiving time domain position indication information sent by a network device, wherein the time domain position indication information is used for indicating an offset of the position, relative to a pre-set position, of a time domain resource of each SS block from among M SS blocks, and M is a positive integer greater than or equal to 1; and the terminal device determining, according to the time domain position indication information, a time domain resource of each first SS block. By means of the method for transmitting a synchronization signal of the present application, a terminal device can accurately learn about a time domain resource used for detecting a synchronization signal.



21: 2019/05973. 22: 10/09/2019. 43: 2020/11/27
51: H04L
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: PRADAS, JOSE LUIS, DUDDA, TORSTEN, KILINC, CANER
33: US 31: 62/476,505 32: 2017-03-24
54: SYSTEMS AND METHODS FOR REMOVAL OF DUPLICATED PACKETS FOR TRANSMISSION
00: -
According to certain embodiments, a method in a wireless device (110) includes transmitting a protocol data unit (PDU) or segment of a PDU on a first link and transmitting the PDU or the segment of the PDU on a second link. One or more retransmissions of the PDU or the segment of the PDU are scheduled on the second link. A positive acknowledgment is received from a receiver. The positive acknowledgement indicates a successful receipt of the PDU or the segment of the PDU on the first link. In response to receiving the positive acknowledgement, the one or more retransmissions of the PDU or the segment of the PDU on the second link are cancelled.

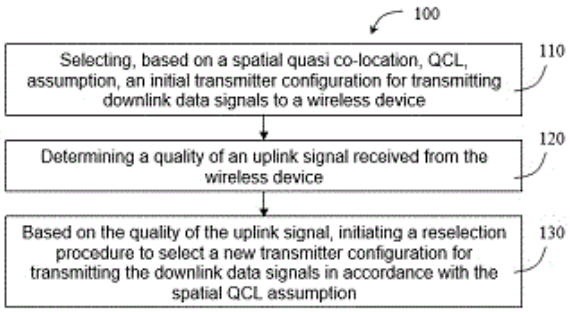


21: 2019/05974. 22: 10/09/2019. 43: 2020/11/27
51: B65G
71: KCM ENGINEERS CC
72: KOTZE, GERT BLEEKER
33: ZA 31: 2017/01801 32: 2017-03-13
54: VERTICAL TENSIONING SYSTEM FOR A CONVEYOR BELT ARRANGEMENT
00: -
This invention relates to a tensioning system for a conveyor belt arrangement and more particularly, but not exclusively, to a vertical belt tensioning system for an endless conveyor belt arrangement. The conveyor belt arrangement includes a drive pulley which is in use driven by an external drive, an idler pulley and an endless conveyor belt rotatably mounted about the pulleys. The conveyor belt arrangement also includes a belt tensioning arrangement for use in tensioning the endless conveyor belt, the tensioning arrangement including a displaceable take-up pulley, and an actuating means for displacing the displaceable take-up pulley. The tensioning arrangement is characterized in that the displaceable take-up pulley is displaceable along a vertical axis.



21: 2019/05976. 22: 10/09/2019. 43: 2020/11/30
51: H04B
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: GRANT, STEPHEN, FRENNE, MATTIAS
33: US 31: 62/476671 32: 2017-03-24
54: NETWORK INITIATED RESELECTION OF TRANSMITTER AND RECEIVER CONFIGURATIONS

00: -
A network initiated procedure is introduced for updating an SS-BPL once the gNB TX beam and wireless device RX beam start to become misaligned due to movement/rotation of the wireless device. When the gNB measures and determines that a re-establishment of the SS-BPL should be performed, the gNB transmits a trigger signal to the wireless device to update the SS-BPL. In one embodiment, the trigger signal may initiate a new SS block measurement by the wireless device, and a transmission of an uplink signal (e.g., a PRACH transmission) to indicate to the gNB the new preferred SS block and thus a new SS-BPL. In another embodiment, the gNB determines a new SS block for the wireless device and indicates directly in a message from gNB to wireless device an SS block selected by the gNB to use for SS-BPL in subsequent transmissions.



21: 2019/05999. 22: 2019/09/11. 43: 2020/11/20
51: A61K
71: PHILIP MORRIS PRODUCTS S.A.
72: ZUBER, Gerard, WALLER, Judith
33: US 31: 17178416.8 32: 2017-06-28
54: CONTAINER WITH PARTICLES FOR USE WITH INHALER
00: -
A container containing a powder system including a first plurality of particles having a particle size of about 10 micrometers or less, and a second plurality of particles having a particle size of about 20 micrometers or greater, and a single aperture extending through the container. A system including an inhaler article and the container is disclosed also.

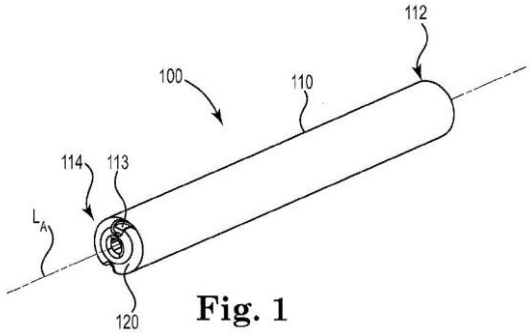
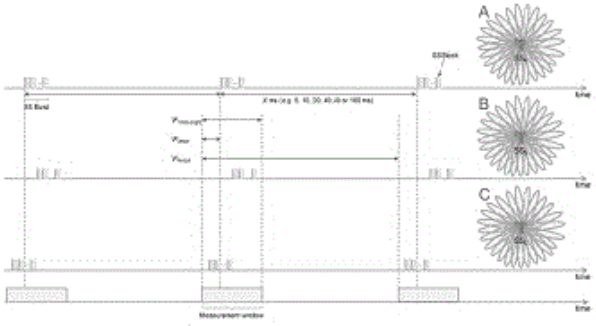


Fig. 1

21: 2019/06029. 22: 2019/09/12. 43: 2020/11/20
51: A01H; A01N; A61K; C07K
71: MONSANTO TECHNOLOGY LLC
72: BOWEN, David, J., CHAY, Catherine, A., CICHE, Todd A., FLASINSKI, Stanislaw, HOWE, Arlene, R., SRIDHARAN, Krishnakumar
33: US 31: 62/480,614 32: 2017-04-03
54: NOVEL INSECT INHIBITORY PROTEINS
00: -
A pesticidal protein class exhibiting toxic activity against Coleopteran and Lepidopteran pest species is disclosed, and includes, but is not limited to, TIC7040, TIC7042, TIC7381, TIC7382, TIC7383, TIC7386, TIC7388, and TIC7389. DNA constructs are provided which contain a recombinant nucleic acid sequence encoding the TIC7040, TIC7042, TIC7381, TIC7382, TIC7383, TIC7386, TIC7388, and TIC7389 pesticidal proteins. Transgenic plants, plant cells, seed, and plant parts resistant to Coleopteran and Lepidopteran infestation are provided which contain recombinant nucleic acid sequences encoding the TIC7040, TIC7042, TIC7381, TIC7382, TIC7383, TIC7386, TIC7388, and TIC7389 pesticidal proteins of the present invention. Methods for detecting the presence of the recombinant nucleic acid sequences or the proteins of the present invention in a biological sample, and methods of controlling Coleopteran and Lepidopteran species pests using the TIC7040, TIC7042, TIC7381, TIC7382, TIC7383, TIC7386, TIC7388, and TIC7389 pesticidal proteins are also provided.

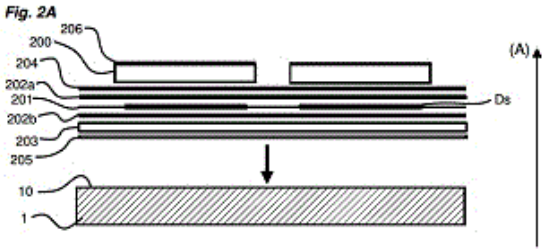
21: 2019/06049. 22: 12/09/2019. 43: 2020/11/27
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: RAMACHANDRA, PRADEEPA, SHEN, WEI, RUNE, JOHAN, SAHLIN, HENRIK

33: US 31: 62/476,561 32: 2017-03-24
54: CELL RE-SELECTION MEASUREMENT WINDOW IN NEW RADIO
00: -
A radio network node, such as a gNodeB (gNB), a User Equipment (UE) and a method, for configuring the UE camping on a cell served by the radio network node for Synchronization Signal (SS) Blocks based cell re-selection measurements for RRC_IDLE and RRC_INACTIVE states. The method comprises providing information, such as system information (SI), to the UE, including configuration parameters for a measurement window, the configuration parameters comprising a window periodicity parameter, a window offset parameter and a window duration parameter, for the SS Blocks based cell re-selection measurements for RRCJDLE and RRC_IN ACTIVE states.



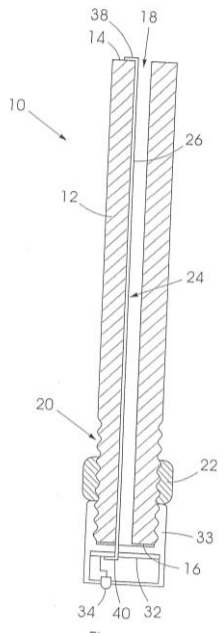
21: 2019/06067. 22: 2019/09/13. 43: 2020/11/20
51: C12N
71: MONSANTO TECHNOLOGY LLC
72: MURRAY, Jessica, Robyn, VAUGHAN, Brian
33: US 31: 62/477,955 32: 2017-03-28
54: METHOD FOR HIGH -THROUGHPUT GENOMIC DNA EXTRACTION
00: -
Novel methods for rapidly extracting genomic DNA from a broad range of microbes are provided, together with compositions for use in these methods. Methods provided herein provide for extraction of increased concentrations of gDNA from many microbial samples, as well as effective recovery of gDNA from a larger number of microbial species or isolates.

21: 2019/06071. 22: 13/09/2019. 43: 2020/11/27
51: E01F
71: COMMISSARIAT À L'ÉNERGIE ATOMIQUE ET AUX ÉNERGIES ALTERNATIVES, COLAS
72: DE BETTIGNIES, RÉMI, BARRUEL, FRANCK, GUILLEREZ, STÉPHANE, COQUELLE, ERIC, SOULIMA, VALÉRIAN, CHAINTREUIL, NICOLAS, THERME, JEAN
33: FR 31: 1751311 32: 2017-02-17
33: FR 31: 1759200 32: 2017-10-02
54: LIGHT SIGNALLING PLATE AND SYSTEM CAPABLE OF USING SUCH A PLATE
00: -
The invention relates to a one-piece light signalling plate (2) comprising a structure with a plurality of layers that are superposed and attached together, said structure comprising: - a first transparent or translucent layer (200) forming a front face of said plate; - a light assembly (201) comprising a plurality of light emitting diodes (Ds) electrically connected together; - an assembly (202a, 202b) encapsulating said plurality of light emitting diodes; - a second layer (203) forming a rear face of said plate and being made up of a composite polymer/fibreglass material; - said encapsulating assembly being positioned between said first layer (200) and said second layer (203).



21: 2019/06093. 22: 2019/09/16. 43: 2020/09/18
51: E21D
71: EPIROC HOLDINGS SOUTH AFRICA (PTY) LTD
72: KNOX, Greig
33: ZA 31: 2018/06339 32: 2018-09-21
54: ROCK BOLT WITH STRAIN DETECTION MEANS
00: -
The invention provides a strain measuring rock bolt which includes a yielding rod of a malleable material which extends between a distal end and a proximal end, a bore which extends through the rod between the distal and proximal ends, an strain sensor comprising an elongate member of a conductive

elastomeric material, which is fixed to the rod within the bore to elongate as the rod elongates under load, and a power source which is electrically connected to the member in a power circuit, a processing module electronically connected to the power circuit, wherein the processing module is adapted to measure a change in an electrical property of the elongate member, as the member elongates under strain, and wherein the processing module is adapted to calculate the strain on the rod based on the change and to communicate with an output means based on the calculated strain.



21: 2019/06150. 22: 2019/09/18. 43: 2020/11/20
51: A24F; H02J
71: PHILIP MORRIS PRODUCTS S.A.
72: ANTONOPOULOS, Roland, FRINGELI, Jean-Luc
33: EP 31: 17169140.5 32: 2017-05-02

54: AEROSOL-GENERATING SYSTEM WITH ELECTRICAL CONNECTOR

00: -

An electrically operated aerosol-generating system (100), an electrically operated aerosol-generating device (101) and a charging unit (103) for an electrically operated aerosol-generating system (100). The electrically operated aerosol-generating system (100) comprises an aerosol-generating device (101), a charging unit (103) configured to receive the aerosol-generating device (101) and a first connector part (40) and a second connector part (50). The aerosol-generating device (101) has the first connector part (40) and the charging unit (103) has the second connector part (50). The first connector part (40) comprises: a first electrical contact (43); a second electrical contact (44) at least partially circumscribing the first electrical contact (43); and a third electrical contact (45) at least partially circumscribing the first electrical contact (43). The second connector part (50) comprises: a first electrical contact (53); a second electrical contact (54) spaced radially outwardly from the first electrical contact (53); and a third electrical contact (55) spaced radially outwardly from the first electrical contact (53). The first and second connector parts (40,50) are arranged such that when the aerosol-generating device (101) is received by the charging unit (103) the first and second connector parts (40, 50) electrically engage. The electrical contacts of the first and second connector parts (40, 50) are arranged such that when the first and second connector parts electrically engage: the first electrical contact (43) of the first connector part (40) electrically engages the first electrical contact (53) of the second connector part (50); the second electrical contact (44) of the first connector part (40) electrically engages one of the second electrical contact (54) and the third electrical contact (55) of the second connector part (50); and the third electrical contact (45) of the first connector part (40) electrically engages the other one of the second electrical contact (54) and the third electrical contact (55) of the second connector part (50), regardless of the angular position of the second connector part (50) relative to the first connector part (40).

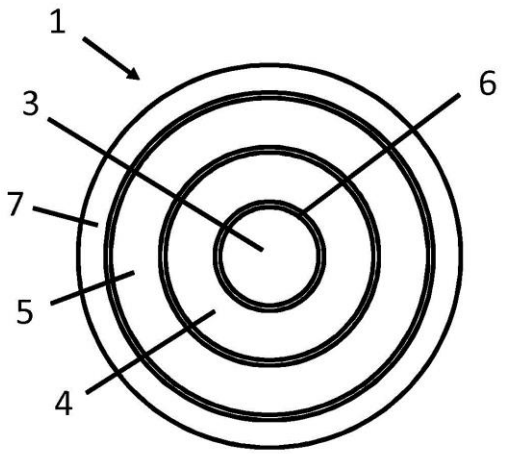


Figure 1

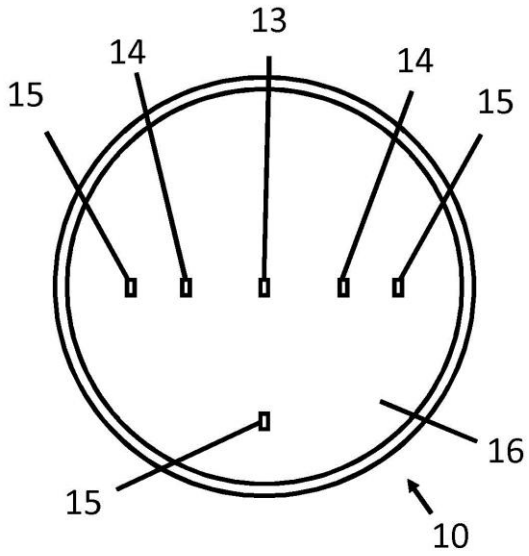
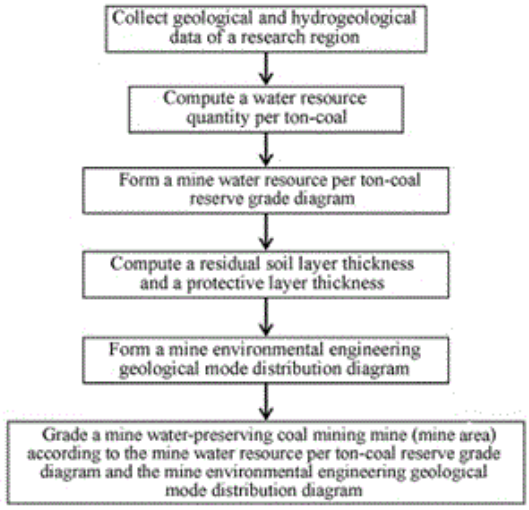


Figure 3

21: 2019/06164. 22: 2019/01/25. 43: 2020/11/27
51: E21C
71: CHINA UNIVERSITY OF MINING AND TECHNOLOGY
72: LI, WENPING, WANG, QIQING, FAN, KAIFANG, LIU, SHILIANG
33: CN 31: 201810090301.6 32: 2018-01-30
54: GRADING METHOD FOR WATER-PRESERVING COAL MINING MINE/MINE AREA
00: -

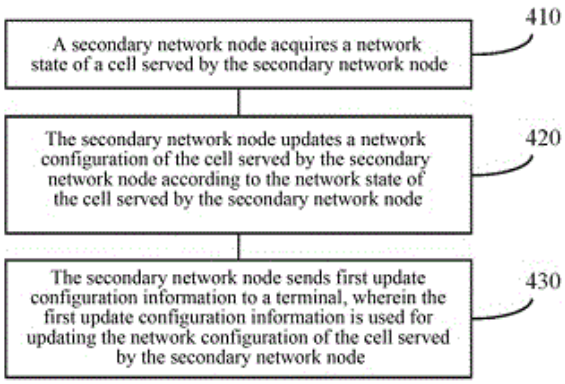
A grading method for a water-preserving coal mining mine/mine area belongs to the field of coal mining and solves the problem in the prior art that water-preserving coal mining grading cannot be performed on mines in a mine area intuitively. The method comprises the following steps: computing a per ton-coal water resource quantity by taking mines as computing units, dividing the mines in a research region into different types according to a relation between per ton-coal water resource quantity distribution and the per ton-coal consumed water resource quantity, to form a mine per ton-coal water resource reserve grade diagram; dividing the mines in the research region into different environmental engineering geological modes according to the thickness of a protective layer determined by a relation between a subcutaneous layer water leakage and a subcutaneous layer water supplementary amount, to form a mine environmental engineering geological mode distribution diagram; and finally grading the water-preserving coal mining mine/mine area in the mines of the research region. The dividing method used according to the invention is simple and practical, performs intuitive division on the water-preserving coal mining grade of the mines, provides a basis for selection of a mining manner in the mine area, and has important significance for water-preserving coal mining in a fragile region of ecologic environment in the northwest.



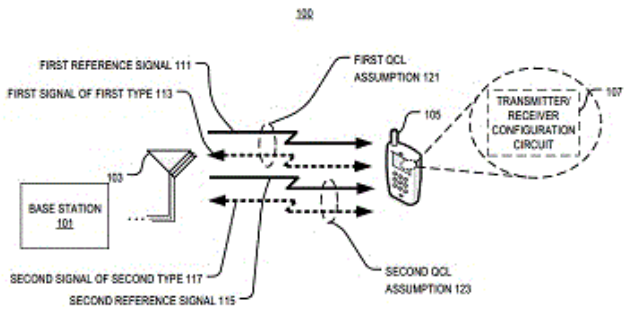
21: 2019/06169. 22: 18/09/2019. 43: 2020/11/27
51: A61K; C07K; G01N
71: THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY

72: GONZALEZ, IGNACIO MORAGA, GARCIA, KENAN CHRISTOPHER
33: US 31: 62/479,993 32: 2017-03-31
54: SYNTHEKINE COMPOSITIONS AND METHODS OF USE
00: -
Engineered synthekines and methods of use thereof are provided.

21: 2019/06208. 22: 19/09/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: LIU, JIANHUA
54: COMMUNICATION METHOD, SECONDARY NETWORK NODE AND TERMINAL
00: -
Disclosed are a communication method, a secondary network node and a terminal. The method comprises: a secondary network node acquires a network state of a cell served by the secondary network node; the secondary network node updates a network configuration of a cell served by the secondary network node according to a network state of the cell served by the secondary network node; and the secondary network node sends first update configuration information to the terminal, wherein the first update configuration information is used for updating a network configuration of the cell served by the secondary network node. In the embodiment of the present application, the network configuration of the cell served by the secondary network node is autonomously updated by the secondary network node according to the network state of the cell served by the secondary network node, thereby avoiding the case of the network state of the secondary network node needing to be configured by a primary network node in the prior art, so the load of the primary network node in a dual-connectivity scenario is reduced, and the risk of network congestion caused by the heavy load of the primary network node is reduced.

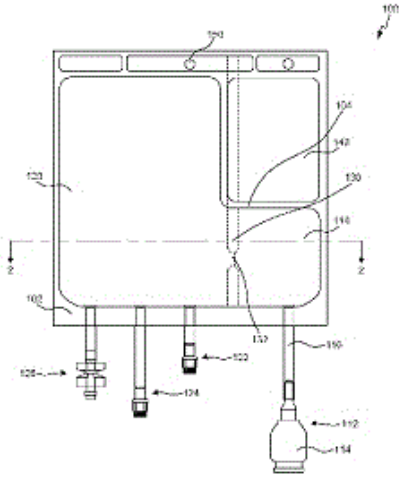


21: 2019/06211. 22: 19/09/2019. 43: 2020/11/30
51: H04B
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: FRENNE, MATTIAS, GRANT, STEPHEN
33: US 31: 62/476,657 32: 2017-03-24
54: SYSTEMS AND METHODS FOR DETERMINING TRANSMITTER AND RECEIVER CONFIGURATIONS FOR A WIRELESS DEVICE
00: -
Systems and methods of determining transmitter and receiver configurations for a wire- less device are provided. In one exemplary embodiment, a method performed by a wireless device (105, 200, 300a-b, 500, 605) in a wireless communications system (100) comprises transmitting or receiving (403) a first signal of a first type (113) using a first transmitter or receiver configuration based on a first quasi co-location (QCL) assumption (121) associating the first signal with a first reference signal (111) received by the wireless device. Further, the method includes transmitting or receiving (407) a second signal of a second type (117) using a second transmitter or receiver configuration based on a second QCL assumption (123) associating the second signal with a second reference signal (115) received by the wireless device.



21: 2019/06214. 22: 19/09/2019. 43: 2020/11/30
51: A61K; A61Q
71: UNILEVER PLC
72: QUAN, CONGLING, LANG, DAVID JOHN, CASBARRO, BRUCE DAVIS
33: EP 31: 17167394.0 32: 2017-04-20
54: NANOEMULSIONS COMPRISING SULFOALKYL ESTER AND/OR AMIDE OF FATTY ACIDS IN AQUEOUS PHASE
00: -
The present invention relates to novel oil-in-water pumpable nanoemulsions. The oil phase contains oil selected from the group consisting of triglyceride oil and/or petrolatum as well as C_8 to C_{18} fatty acid; and the aqueous phase contains sulfoalkyl ester and/or amide of fatty acids as emulsifier.

21: 2019/06247. 22: 20/09/2019. 43: 2020/11/30
51: A61J; F26B
71: ADIENNE PHARMA & BIOTECH SA
72: DI NARO, ANTONIO FRANCESCO
33: US 31: 15/609,870 32: 2017-05-31
54: MULTI CHAMBER FLEXIBLE BAG AND METHODS OF USING SAME
00: -
A method of preparing a pharmaceutical product in a single multiple chamber flexible bag. A pharmaceutical product is introduced in a liquid state into a first chamber of the flexible bag through a first port. The pharmaceutical product is lyophilized within the first chamber of the flexible bag to provide a lyophilized pharmaceutical product. The flexible bag has a second chamber and the first chamber and the second chamber are separated by a breakable seal. The second chamber further includes a reconstituting solution for reconstituting the lyophilized pharmaceutical product in the first chamber. A user may apply pressure to the flexible bag to break the seal and mix the lyophilized pharmaceutical product and the reconstituting solution to order to administer the pharmaceutical product to a patient.



21: 2019/06253. 22: 20/09/2019. 43: 2020/11/30
51: H01H
71: SCHALTBAU GMBH
72: KRALIK, ROBERT
33: DE 31: 10 2017 106 300.5 32: 2017-03-23
54: SWITCH DEVICE WITH IMPROVED PERMANENT MAGNETIC ARC EXTINCTION
00: -
The invention relates to a switch device with at least one contact point and a permanent magnetic arc blowing device which is paired with the contact point. The arc blowing device has a first lateral pole plate, a second lateral pole plate, a central pole plate arranged therebetween, and at least one first permanent magnet for generating a magnetic blow-out field. The at least one first permanent magnet is arranged and is in contact with at least one of the pole plates either directly or via a magnetic conductor such that a first magnetic field region of the blow-out field is provided between the first lateral pole plate and the central pole plate and such that a second magnetic field region of the blow-out field is provided between the second lateral pole plate and the central pole plate, wherein the magnetic field lines of the first magnetic field region are aligned opposite the magnetic field lines of the second magnetic field region. The blow-out field additionally has a transition region which connects the first magnetic field region and the second magnetic field region together, and the magnetic field lines are aligned identically in each case starting from the first

magnetic field region and the second magnetic field region toward the contact point in the transition region such that a switching arc produced within the transition region upon opening the contact point is conducted either into the first magnetic field region or into the second magnetic field region depending on the current direction from the contact point and in both cases is blown away in the same direction from the contact point in said region. According to the invention, the arc blowing device has at least one second permanent magnet (15) as an auxiliary magnet, and the auxiliary magnet is arranged in the direct vicinity of the contact point (7.1) such that at least one section of the magnetic field (17) of the auxiliary magnet (15) amplifies the blow-out field in the transition region.

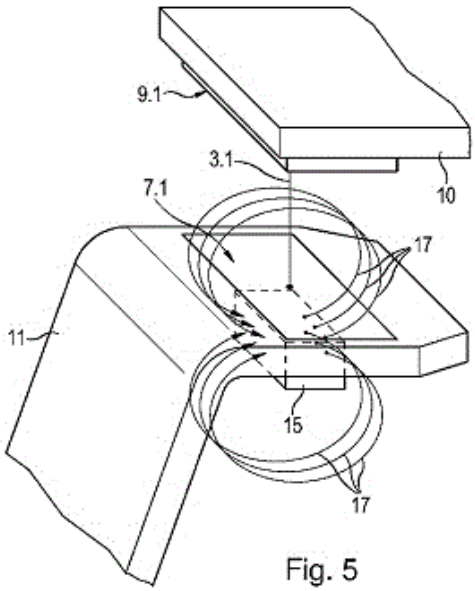
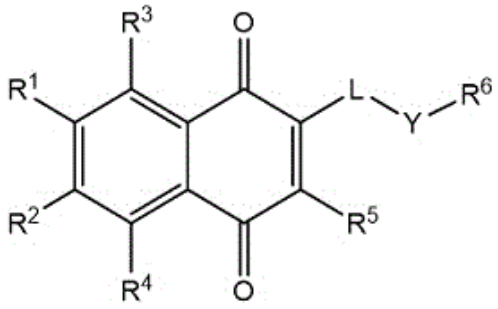


Fig. 5

21: 2019/06255. 22: 20/09/2019. 43: 2020/11/27
51: C07D; A61K
71: UCB BIOPHARMA SRL, SANOFI
72: BROOKINGS, DANIEL CHRISTOPHER, DE HARO GARCIA, TERESA, FORICHER, YANN, HORSLEY, HELEN TRACEY, HUTCHINGS, MARTIN CLIVE, JOHNSON, JAMES ANDREW, MACCOSS, MALCOLM, XUAN, MENGYANG, ZHU, ZHAONING
33: EP 31: 17168027.5 32: 2017-04-25
54: FUSED PENTACYCLIC IMIDAZOLE DERIVATIVES AS MODULATORS OF TNF ACTIVITY
00: -

A compound of formula (I) as defined herein, or a pharmaceutically acceptable salt thereof, being potent modulators of human TNFα activity, are accordingly of benefit in the treatment and/or prevention of various human ailments, including autoimmune and inflammatory disorders; neurological and neurodegenerative disorders; pain and nociceptive disorders; cardiovascular disorders; metabolic disorders; ocular disorders; and oncological disorders.

21: 2019/06258. 22: 20/09/2019. 43: 2020/11/30
51: C07C; C07D; A61K; A61P
71: UNIVERSITY OF TASMANIA
72: GÜVEN, NURI, SMITH, JASON, WOOLLEY, KRYSTEL LEE, NADIKUDI, MONILA
33: AU 31: 2017901457 32: 2017-04-21
54: THERAPEUTIC COMPOUNDS AND METHODS
00: -
The invention relates to compounds of Formula (I) and methods for their preparation. Also described are pharmaceutical compositions comprising a compound of Formula (I) and their use in the treatment or prevention of conditions associated with mitochondrial dysfunction. Formula (I)

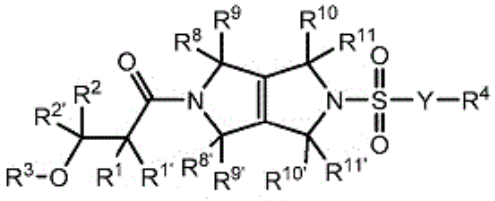


Formula (I)

21: 2019/06276. 22: 23/09/2019. 43: 2020/11/30
51: A01N; B01J
71: DOW AGROSCIENCES LLC
72: LI, MEI, LOGAN, MARTIN C, POWELS, GREG, WILLIAMS, ALEX, WILSON, STEPHEN L
33: US 31: 62/472,628 32: 2017-03-17
54: MICROENCAPSULATED NITRIFICATION INHIBITOR COMPOSITIONS
00: -

The present invention relates to an improved nitrification inhibitor composition and its use in agricultural applications

21: 2019/06278. 22: 23/09/2019. 43: 2020/11/27
51: C07D; A61K; A61P
71: FORMA THERAPEUTICS, INC.
72: ERICSSON, ANNA, GREEN, NEAL, GUSTAFSON, GARY, HAN, BINGSONG, LANCIA, JR. DAVID R, MITCHELL, LORNA, RICHARD, DAVID, SHELEKHIN, TATIANA, SMITH, CHASE C, WANG, ZHONGGUO, ZHENG, XIAOZHANG
33: US 31: 62/473,751 32: 2017-03-20
54: PYRROLOPYRROLE COMPOSITIONS AS PYRUVATE KINASE (PKR) ACTIVATORS
00: -
The disclosure relates to modulating pyruvate kinase and provides novel chemical compounds of formula (I) useful as activators of PKR, as well as various uses of these compounds. PKR activating compounds are useful in the treatment of diseases and disorders associated with PKR and/or PKM2, such as pyruvate kinase deficiency (PKD), sickle cell disease (SCD), and thalassemia.



(I)

21: 2019/06279. 22: 23/09/2019. 43: 2020/11/20
51: C07D; A61P; A61K
71: PRESIDENT AND FELLOWS OF HARVARD COLLEGE, EISAI R&D MANAGEMENT CO., LTD.
72: KISHI, YOSHITO, KIRA, KAZUNOBU, ITO, KEN
33: US 31: 15/814,105 32: 2017-11-15
33: US 31: 62/482,030 32: 2017-04-05
33: US 31: 62/526,677 32: 2017-06-29
33: US 31: 62/586,416 32: 2017-11-15
54: MACROCYCLIC COMPOUND AND USES THEREOF
00: -
The present invention provides novel Compound (1) having tumor vascular remodeling effect and/or anti-CAF (Cancer Associated Fibroblasts) activity, or a pharmaceutically acceptable salt thereof, optionally in a pharmaceutically acceptable and medical uses thereof. Compound (1)

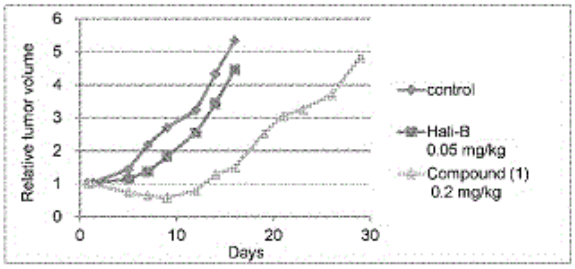
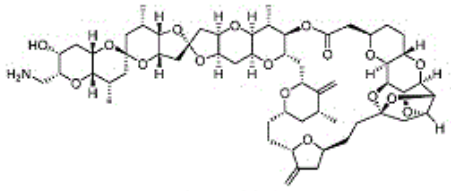


Figure 1

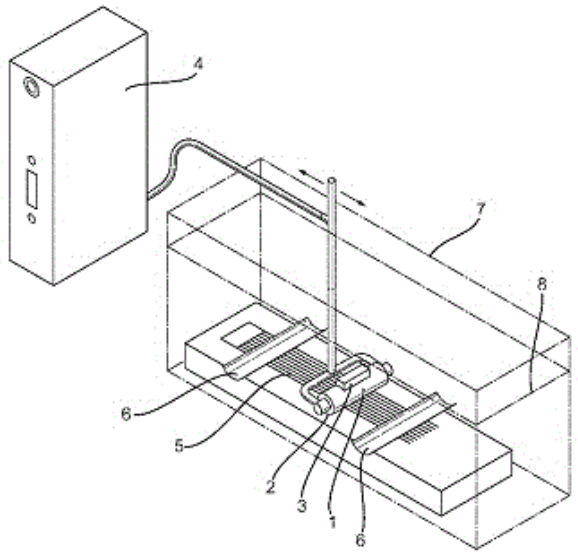


Compound (1)

21: 2019/06344. 22: 2019/09/26. 43: 2020/11/20
51: B01J; C07C
71: EXXONMOBIL CHEMICAL PATENTS INC.
72: IDE, Matthew, S., LOVELESS, Brett, T., LEVIN, Doron, LONERGAN, William, W., VINCENT, Matthew, J., TAI, Wei-Ping, BARRAI, Federico
33: US 31: 62/478,237 32: 2017-03-29
33: US 31: 62/478,340 32: 2017-03-29
33: EP 31: 17174273.7 32: 2017-06-02
54: CATALYST COMPOSITIONS AND THEIR USE IN AROMATIC ALKYLATION PROCESSES
00: -
Catalyst compositions comprising a zeolite and a mesoporous support or binder are disclosed. The mesoporous support or binder comprises a mesoporous metal oxide having a particle diameter of greater than or equal to 20 µm at 50% of the cumulative pore size distribution (d50). Also disclosed are processes for producing a mono-alkylated aromatic compound (e.g., ethylbenzene or cumene) which exhibit improved yield of the mono-alkylated aromatic compound using alkylation catalysts comprising one or more of these catalyst compositions.

21: 2019/06401. 22: 27/09/2019. 43: 2020/11/30
51: G01N; A61K
71: UNILEVER PLC

72: BARNES, ANDREW ANTHONY HOWARD, ZHOU, RONGRONG, MOGHADAM, SOPHIA PARASKEVI CLARE, BELL, FRASER IAN, GILES, COLIN CHRISTOPHER DAVID
33: EP 31: 17163597.2 32: 2017-03-29
54: APPARATUS AND METHOD FOR MEASURING WET FRICTION OF HAIR
00: -
A system for the measurement of wet friction of a bundle of hair fibres, comprising: i) a friction probe, having a contact surface, said probe fitted with a weight in the range of from 10 to 500 g; ii) a means for securing the bundle of hair; and iii) a water bath; wherein the friction probe is connected to a texture analyser; and wherein the securing means and friction probe are positioned in the water bath below the fill line; and wherein, the contact surface of the friction probe comprises surfactant; and a method of measuring wet friction of hair, using the system.



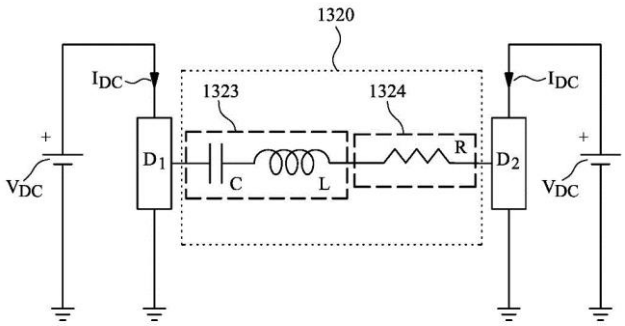
21: 2019/06402. 22: 27/09/2019. 43: 2020/11/30
51: A61Q; A61K
71: UNILEVER PLC
72: TURNER, GRAHAM ANDREW, SMITH, CHRISTOPHER FRANCIS
33: EP 31: 17163752.3 32: 2017-03-30
54: ANTIMICROBIAL PERSONAL CLEANSING COMPOSITIONS
00: -
The invention provides an antimicrobial personal cleansing composition comprising: (i) an aqueous continuous phase including one or more anionic cleansing surfactants; (ii) a dispersed phase including dispersed particles of zinc pyrithione (ZPT); (iii) a structuring polymer for the aqueous continuous phase which is selected from crosslinked alkali-swellable acrylic emulsion (ASE) polymers; and (iv) from 3 to 20wt% niacinamide based on the total weight of the composition, wherein the structuring polymer is selected from crosslinked copolymers of (meth)acrylic acid with one or more C1 to C5 alkyl esters of (meth)acrylic acid.

21: 2019/06404. 22: 27/09/2019. 43: 2020/11/30
51: C11D
71: UNILEVER PLC
72: BATCHELOR, STEPHEN NORMAN, BIRD, JAYNE MICHELLE
33: EP 31: 17170422.4 32: 2017-05-10
54: LIQUID LAUNDRY DETERGENT COMPOSITION
00: -
A liquid laundry detergent composition comprising: (i) 50-80 wt.% of a linear alkyl benzene sulfonic acid surfactant; (ii) 15-45 wt.% of an alkyl ether carboxylic acid surfactant of the following structure: R_1-$(OCH_2CH_2)_n$-OCH_2-COOH, wherein: R_1 is selected from saturated C_{16} to C_{22} linear or branched alkyl chains, and wherein n is selected from 10 to 24; (iii) less than 10 wt.% water; and (iv) 0-20 wt.% non-ionic surfactant of the following structure: R_2-$(OCH_2CH_2)_n$-OH, wherein: R_2 is selected from saturated C_{12} to C_{22} linear or branched alkyl chains, and wherein n is selected from 5 to 30; and wherein the pH of the formulation is from 0.3 to 2.0; and wherein the weight ratio of linear alkyl benzene sulfonic acid surfactant to the alkyl ether carboxylic acid surfactant is from 1.5:1 to 5:1.

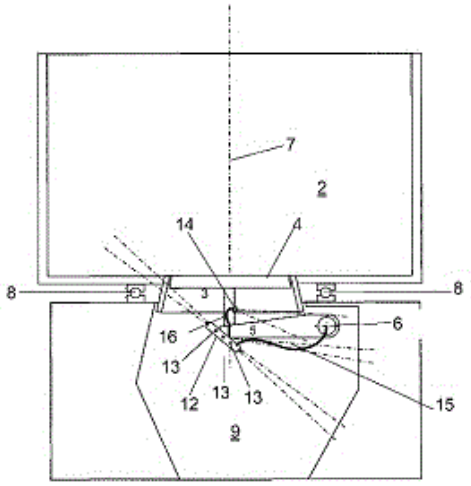
21: 2019/06405. 22: 27/09/2019. 43: 2020/11/30
51: C11D
71: UNILEVER PLC
72: BATCHELOR, STEPHEN NORMAN, BIRD, JAYNE MICHELLE
33: EP 31: 17170419.0 32: 2017-05-10
54: LAUNDRY DETERGENT COMPOSITION
00: -
An aqueous liquid laundry detergent composition comprising: (i) 5-19 wt% of LAS, (ii) 0.5-8 wt% of an alkyl ether carboxylic acid surfactant of the structure: R_2-$(OCH_2CH_2)_n$-OCH_2-COOH, wherein R_2 is C_{16}-C_{18} linear alkyl chain; n is 10-25, and the ratio of (ii) to (i) is 0.05-1; (iii) at least 60 wt% water; (iv) 0-2 wt% of an ethoxylated alcohol non-ionic surfactant,

wherein the ratio of (iv) to (i) is 0-0.2; and, (v) 0-1 wt.% of phosphorous containing chemicals; and wherein the composition optionally comprises a further anionic surfactant, wherein the ratio of further surfactant to (i) is 0-0.55. A method of treating a textile comprising: a) treating textile with 1 g/L of an aqueous solution of said composition; b) contacting said solution from 10 minutes to 2 days, then rinsing and drying.

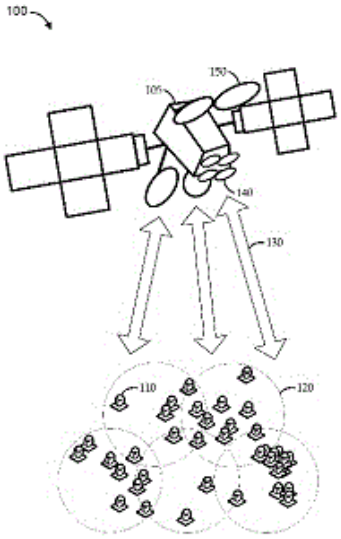
21: 2019/06409. 22: 2019/09/19. 43: 2020/11/20
51: A24F; H05B
71: PHILIP MORRIS PRODUCTS S.A.
72: STURA, Enrico, COURBAT, Jerome, Christian, MIRONOV, Oleg
33: EP 31: 17179170.0 32: 2017-06-30
33: CA 31: 1879810 32: 2018-01-26
54: AEROSOL-GENERATING DEVICE AND AEROSOL-GENERATING SYSTEM WITH INDUCTIVE HEATING SYSTEM WITH EFFICIENT POWER CONTROL
00: -
There is provided an efficient system for providing power to an inductor and susceptor in an inductively heated aerosol-generating device. The aerosol-generating device comprises: one or more DC power sources; a load network comprising an inductor and a capacitor connected in series; first drive circuitry connected to the one or more DC power sources and connected across the load network and configured to provide a first voltage drop across the load network; second drive circuitry connected to the one or more DC power sources and connected across the load network and configured to provide a second voltage drop across the load network, the second voltage drop being in an opposite direction to the first voltage drop; and a controller connected to the first and second drive circuitry and configured to control the first and second drive circuitry so that both the first and second voltage drops are provided across the load network periodically and so that the second voltage drop is not provided across the load circuit simultaneously with the first voltage drop. The arrangement of first and second drive circuitry alternately supplying voltage drops in different directions provides a time varying voltage and allows for efficient use of power supplied by the power source or sources.



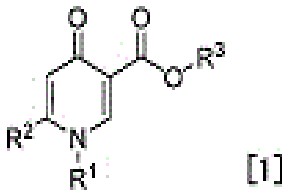
21: 2019/06449. 22: 30/09/2019. 43: 2020/11/30
51: B08B; B01F; B65D
71: MASCHINENFABRIK GUSTAV EIRICH GMBH & CO. KG
72: SCHMITT, CLEMENS, DÖRR, MARTIN
33: DE 31: 10 2017 104 842.1 32: 2017-03-08
54: MIXER COMPRISING CLEANING NOZZLE
00: -
The invention relates to a mixer (1) comprising a mixing container (2) having and outlet opening (3), comprising a closure cover (4), which can be moved back and forth between a closed position, in which the closure cover closes the outlet opening, and an open position, in which the closure cover uncovers the outlet opening so that mixture can be removed from the mixing container via the outlet opening, comprising at least one cleaning nozzle (10, 13, 14) to clean the closure opening and/or a mixture outflow region (9) arranged outside the mixing container, and comprising a liquid feed (11) to feed cleaning fluid to the at least one cleaning nozzle (10, 13, 14). In order to provide a mixer and a method for enabling cost-effective, efficient, simple and operationally reliable cleaning of the mixture outflow region and of the closure opening, at least one cleaning nozzle (13, 14) is fastened to the closure cover (4) such that it is moved together with the closure cover.



21: 2019/06450. 22: 30/09/2019. 43: 2020/11/30
51: H04B
71: VIASAT, INC.
72: BECKER, DONALD, PETRANOVICH, JAMES, MARTIN, REMBERTO
33: US 31: 62/465,987 32: 2017-03-02
54: DYNAMIC SATELLITE BEAM ASSIGNMENT
00: -
Embodiments provide techniques for dynamic spot beam assignment in a geostationary satellite communications network. For example, a ground processing node in the geostationary satellite network can monitor spot beam coverage area location and can detect a beam drift trigger indicating present drifting of one or more coverage areas. Ground terminals can be identified as serviced by spot beams associated with the drifting coverage area(s) and as experiencing a signal quality impact from the drifting. The ground terminal node can compute an update to a beam assignment map having a reassignment of the identified user terminals from their presently servicing spot beams to another of the spot beams in a manner that seeks to address at least some of the signal quality impact identified as associated with the drifting. Some embodiments further account for load balancing, and/or other factors, and/or can maintain stateful communications between the reassigned user terminals and the geostationary satellite.

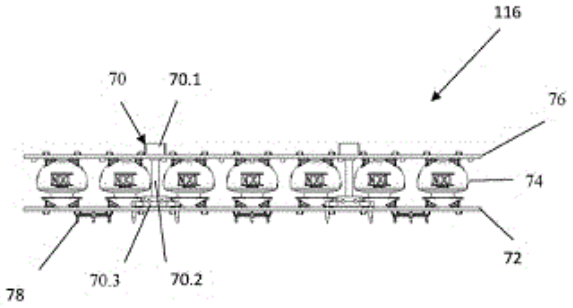


21: 2019/06451. 22: 30/09/2019. 43: 2020/11/27
51: C07D; A61K; A61P
71: FUJIFILM CORPORATION
72: OOKUBO, MEGUMI, SEKINE, SHINICHIRO, MASHIKO, TOMOYUKI, KAWAI, HYOEI, FUKUNAGA, HIROFUMI
33: JP 31: 2017-166413 32: 2017-08-31
33: JP 31: 2017-069837 32: 2017-03-31
54: 4-PYRIDONE COMPOUND OR SALT THEREOF, AND PHARMACEUTICAL COMPOSITION AND FORMULATION INCLUDING SAME
00: -
The purpose of the present invention is to provide: a compound having anti-HBV activity or a salt thereof; a pharmaceutical composition; an anti-hepatitis B virus agent; a DNA generation inhibitor of a hepatitis B virus; and a hepatitis B surface antigen generation or secretion inhibitor. According to the present invention, provided are a compound or a salt thereof, the compound being represented by general formula [1] (in the formula, R^1 represents a substitutable benzothiazolyl group (here, carbon atoms constituting a 6-membered ring of the benzothiazolyl of R1 bond to the nitrogen atom of a pyridine ring); R^2 represents a substitutable C_{2-6} alkenyl group or the like; and R^3 represents a hydrogen atom or the like).



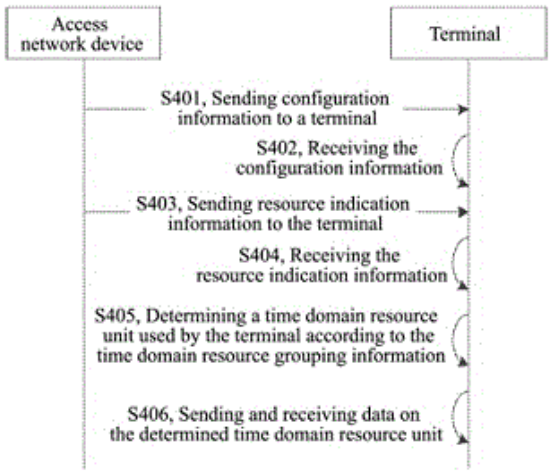
[1]

21: 2019/06455. 22: 30/09/2019. 43: 2020/11/30
51: E04B; E04C
71: NXT IP PTY LTD
72: LIM, MATAKII
33: AU 31: 2017900792 32: 2017-03-07
54: BUILDING SYSTEM
00: -
The present invention relates to a prefabricated deck unit for a building system, the deck unit including: a reinforcing framework encased in a composite material, the reinforcing framework comprising: a first metal mesh unit, a plurality of interspaced spheroidal void formers attached to or in intimate contact with the first mesh unit, and a second mesh unit resting upon, or attached to, the spheroidal void formers, wherein the framework defines at least one terminal channel on at least one end of the deck unit, the terminal channel being shaped and dimensioned to snugly receive an elongate connecting rod for connecting the deck unit to a further structural element of the building system.



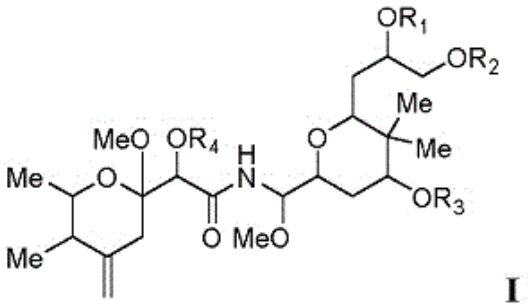
21: 2019/06489. 22: 02/10/2019. 43: 2020/11/27
51: H04B; H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: ZHANG, ZHI, TANG, HAI

54: RESOURCE INDICATING METHOD, APPARATUS, ACCESS NETWORK DEVICE, TERMINAL AND SYSTEM
00: -
Provided are a resource indicating method, an apparatus, an access network device, a terminal and a system, which relate to the field of communications. The method includes: an access network device sends configuration information to a terminal, where the configuration information includes time domain resource grouping information for indicating a time domain distribution of at least one group of time domain resource units; and the access network device sends resource indication information to the terminal, and the terminal determines a time domain resource unit used by the terminal according to the resource indication information and the time domain resource grouping information. Resources that are discontinuous in the time domain can be flexibly indicated, thereby achieving the effect of indicating resources that are discontinuous in the time domain.



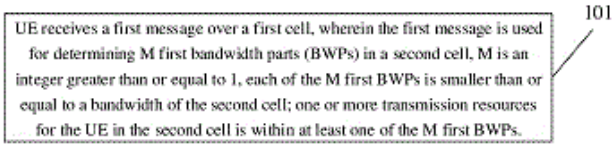
21: 2019/06518. 22: 03/10/2019. 43: 2020/11/27
51: C07D; A61K; A61P
71: PHARMA MAR, S.A.
72: CAÑEDO HERNÁNDEZ, LIBRADA MARÍA, DE LA CALLE VERDÚ, FERNANDO, RODRÍGUEZ RAMOS, MARÍA PILAR, SCHLEISSNER SÁNCHEZ, MARÍA DEL CARMEN, ZÚÑIGA GIRÓN, PAZ
33: EP 31: 17382140.6 32: 2017-03-17
54: ANTICANCER COMPOUNDS
00: -

Anticancer compounds of general formula (I), wherein R_1 to R_4 take various meanings, for use in the treatment of cancer. A novel *Labrenziasp*. strain named PHM005 with Accession Deposit Number CECT-9225, a method of producing compounds of the invention and analogues thereof by using the PHM005 strain and the Lab gene cluster codifying the biosynthesis of pederin-like and onnamide-like compounds are also provided.



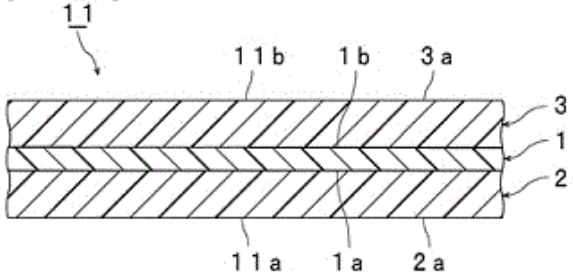
I

21: 2019/06519. 22: 03/10/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: SHEN, JIA, ZHANG, ZHI
33: US 31: 62/482,527 32: 2017-04-06
54: METHOD AND DEVICE FOR DETERMINING RESOURCES AND STORAGE MEDIUM
00: -
Provided is a method and device for determining resources and a storage medium. In the method, a user equipment (UE) receives a first message over a first cell. The first message is used for determining M first bandwidth parts (BWPs) in a second cell, M is an integer greater than or equal to 1, each of the M first BWPs is smaller than or equal to a bandwidth of the second cell. One or more transmission resources for the UE in the second cell is within at least one of the M first BWPs.



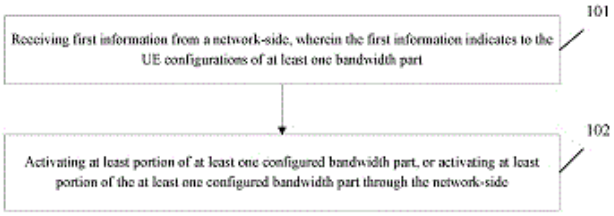
21: 2019/06520. 22: 03/10/2019. 43: 2020/11/27
51: C03C; B32B; C08L
71: SEKISUI CHEMICAL CO., LTD.
72: IWAMOTO, TATSUYA, ISHIKAWA, YUKI, KAWADA, SHINJI, SAKAMOTO, YUU
33: JP 31: 2017-099867 32: 2017-05-19
33: JP 31: 2018-017726 32: 2018-02-02
33: JP 31: 2017-143120 32: 2017-07-24
54: INTERMEDIATE FILM FOR LAMINATED GLASS, AND LAMINATED GLASS
00: -
Provided is an intermediate film for laminated glass capable of effectively enhancing the sound-insulating property at 6300 Hz while effectively suppressing a decline in the sound-insulating property at 3150 Hz in laminated glass. The intermediate film for laminated glass according to the present invention has a single-layered structure or a structure of two or more layers, is equipped with a resin layer that includes a resin and a plasticizer, and the resonance frequency X is 550-740 Hz, the loss factor Y in secondary mode is 0.35 or greater, and the expression $Y > 0.0008 X - 0.142$ is satisfied in measurement of the resonance frequency in secondary mode by damping test of the laminated glass using the center vibration method of the laminated glass when the intermediate film is placed between two glass plates having a width of 25 mm, a length of 300 mm, and a thickness of 2 mm to obtain a laminated glass.

[FIG. 1.]

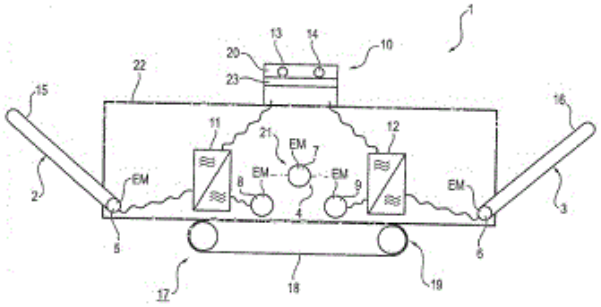


21: 2019/06521. 22: 03/10/2019. 43: 2020/11/27
51: H04W; H04L
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: SHEN, JIA, ZHANG, ZHI
33: US 31: 62/482,766 32: 2017-04-07
54: METHOD FOR CONFIGURING RESOURCE, USER EQUIPMENT, NETWORK DEVICE AND COMPUTER STORAGE MEDIUM
00: -

There is provided a method for configuring resource, a user equipment (UE), a network device and a computer storage medium. The method for configuring resource includes receiving first information from a network-side, wherein the first information indicates to the UE configurations of at least one bandwidth part, and activating at least portion of at least one configured bandwidth part, or activating at least portion of the at least one configured bandwidth part through the network-side.



21: 2019/06553. 22: 04/10/2019. 43: 2020/11/27
51: B02C; B07B; E02F
71: LIEBHERR-COMPONENTS BIBERACH GMBH
72: PALBERG, MICHAEL, MERKLE, MARKUS
33: DE 31: 10 2017 002 790.0 32: 2017-03-22
54: SELF-PROPELLED MATERIAL PROCESSOR AND/OR HANDLING SYSTEM
00: -
The invention relates to a self-propelled material processor and/or handling system for processing and/or handling construction materials and/or raw materials, in particular in the form of a mobile crusher, comprising at least one working assembly (2, 3, 4) which can be driven by an electric assembly drive (5, 6, 7) with an electric motor (EM), at least one electric travel drive (8, 9) with an electric motor (EM), and a controller (10) for controlling the electric motors (EM) of the assembly and travel drives (5, 6, 7, 8, 9). According to the invention, the controller (10) has a common frequency converter (11, 12) for the at least one travel drive (8, 9) and the at least one assembly drive (5, 6, 7) and provides different parameter sets (13, 14) for the common frequency converter (11, 12) such that the travel drive (8, 9) can be controlled by the frequency converter (11, 12) on the basis of a first parameter set (13) and the assembly drive (5, 6, 7) can be controlled by the common frequency converter (11, 12) on the basis of a second parameter set (14).



21: 2019/06581. 22: 2019/10/07. 43: 2020/11/20
51: A61K; A61N; C23C
71: ALPHA TAU MEDICAL LTD.
72: KELSON, Itzhak, KEISARI, Yona, SCHMIDT, Michael, BERKOWITZ, Avia
33: US 31: 62/504,800 32: 2017-05-11
54: POLYMER COATINGS FOR BRACHYTHERAPY DEVICES
00: -
Described embodiments include an apparatus (20, 21), which includes a support (22), including an outer surface (24) and configured for insertion into a body of a subject. The apparatus further includes multiple atoms (26) of a radionuclide, which radioactively decays to produce a daughter radionuclide, coupled to the outer surface, and a layer (28, 33) of a polymer, which is permeable to the daughter radionuclide, that covers the atoms. Other embodiments are also described.

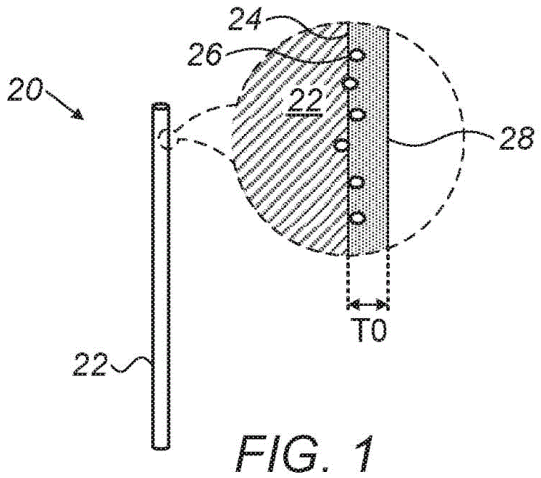


FIG. 1

21: 2019/06584. 22: 07/10/2019. 43: 2020/11/27
51: C22B
71: UMICORE

72: OOSTERHOF, HARALD, DUPONT, DAVID, DROUARD, WENDY
33: EP 31: 17165533.5 32: 2017-04-07
54: PROCESS FOR THE RECOVERY OF LITHIUM
00: -
The present invention relates to an enhanced process for the recovery of lithium from compositions also containing aluminum. An example of such a metallurgical compositions is the metallurgical slag that is obtained when recycling lithium-ion batteries or their derived products using a pyrometallurgical smelting process. Acid leaching of such a slag, followed by neutralization to precipitate aluminum leads to poor lithium yields as lithium tends to co-precipitate with aluminum. A process is presented wherein aluminum is selectively precipitated using a source of phosphate at a controlled pH preferably between 3 and 4.

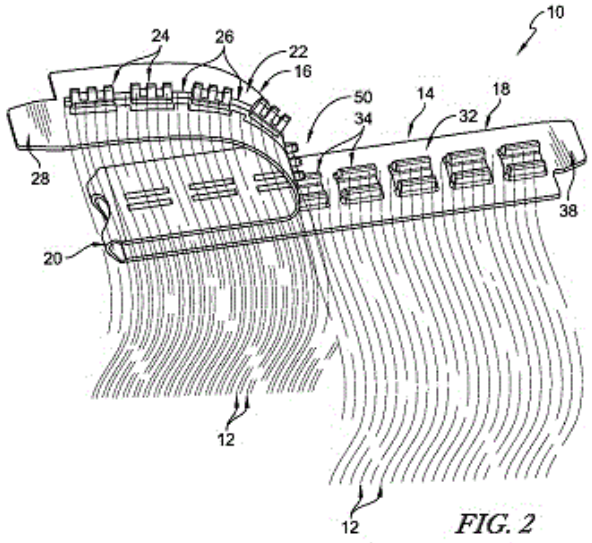
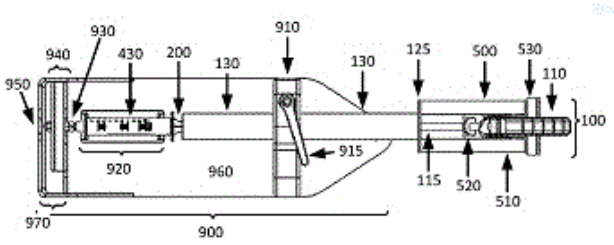


FIG. 2

21: 2019/06587. 22: 07/10/2019. 43: 2020/11/27
51: A41G; A45D
71: ZIP LOXX, LLC
72: MAMAN, PRIEL
33: US 31: 62/482,000 32: 2017-04-05
33: US 31: 15/692,644 32: 2017-08-31
54: HAIR EXTENSION DEVICES
00: -
A hair extension for integration with a person's head of hair is described in this disclosure. The hair extension illustratively includes a plurality of supplemental hairs and an attachment band that provides means for removably coupling the plurality of supplemental hairs to natural hairs included in the person's head of hair. The attachment band is illustratively flexible and couples to natural hairs included in the person's head of hair mechanically.

21: 2019/06588. 22: 07/10/2019. 43: 2020/11/13
51: G01N
71: TOKITAE LLC
72: BURKOT, STEPHEN THOMAS GRAVES, CONNELLY, JOHN THOMAS, GRANT, BENJAMIN DAVID, HARSTON, STEPHEN PAUL, SANTOS, ISAAC, WILSON, BENJAMIN K, YILDIRIM, OZGUR EMEK
33: US 31: 62/482,844 32: 2017-04-07
33: US 31: 15/939,756 32: 2018-03-29
54: DEVICE TO PROVIDE EVEN PRESSURE FOR FILTRATION OF BIOLOGICAL SAMPLE
00: -
A device for application of even pressure on a plunger head includes: a center rod with a pressure plate affixed at a first end and a back plate positioned adjacent to a second end; a positioning spring adjacent to the pressure plate at a surface distal to the center rod; a positioning plate adjacent to an end of the positioning spring distal to the pressure plate; a housing including an aperture at a position adjacent to a distal surface of the positioning plate; a main spring surrounding the center rod between the back plate and the pressure plate; and a mechanism positioned to move the center rod between the pressure plate and the back plate, the mechanism positioned to compress the main spring between the pressure plate and the back plate in response to force applied by a user.



21: 2019/06590. 22: 07/10/2019. 43: 2020/11/27
51: A23K
71: ENTOMICS BIOSYSTEMS LIMITED
72: PIPAN, MIHA
33: GB 31: 1705675.5 32: 2017-04-07
54: PROCESS FOR CONVERTING INVERTEBRATES INTO FEEDSTOCK
00: -
A process for converting invertebrates into a feedstock or feedstocks using microbial fermentation, and products thereof.

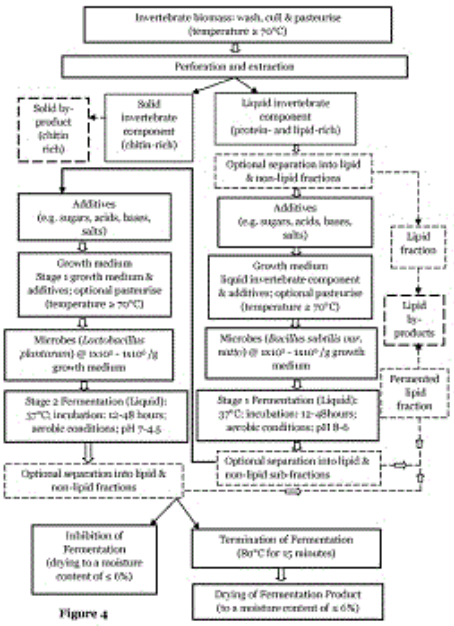
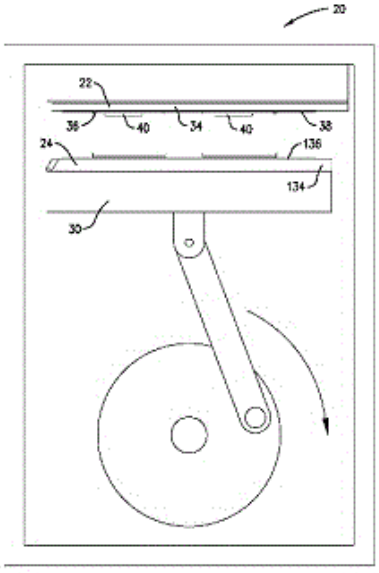


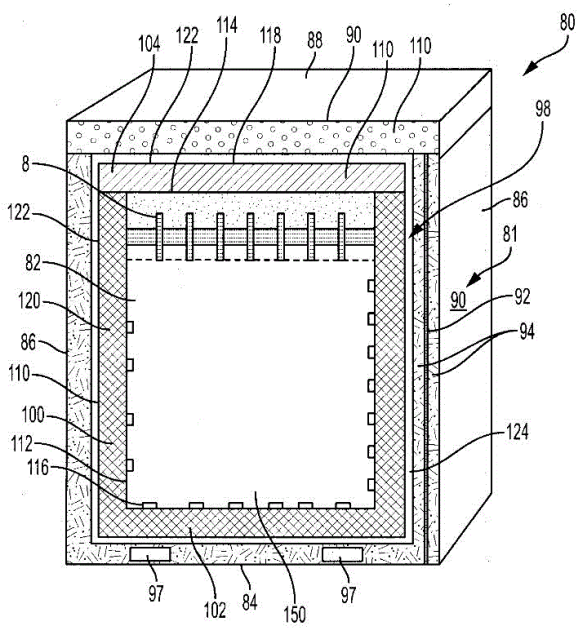
Figure 4

21: 2019/06622. 22: 08/10/2019. 43: 2020/11/27
51: A23L; A23P
71: UNILEVER PLC
72: FLENDRIG, LEONARDUS MARCUS, VAN DER HIJDEN, HENDRIKUS THEODORUS WILHELMUS MARIA, LEMMERS, MARC, SAILER, WINFRIED
33: EP 31: 17166733.0 32: 2017-04-18
54: A SAVOURY CONCENTRATE
00: -
The present invention relates to a savoury concentrate comprising: a. at least 30 wt.%, by weight of the concentrate, of an oil phase comprising liquid oil; b. 3-30 wt.%, by weight of the concentrate, of an edible salt; c. 1-50 wt.%, by weight of the concentrate, of savoury taste giving ingredients; d. up to 10 wt.%, by weight of the concentrate, of water; and e. expanded gelatinized starch particles; wherein the expanded gelatinized starch particles are dispersed in the oil phase in a concentration of 0.5 to 35 wt.%, by weight of the combined weight of the liquid oil and the gelatinized starch particles. The invention further relates to a method for the preparation of the savoury concentrate and to a process for preparing a ready-to-eat savoury product using the savoury concentrate.

21: 2019/06625. 22: 08/10/2019. 43: 2020/11/30
51: B41F; B31F
71: UNIVERSAL ENGRAVING, INC.
72: HUTCHISON, LARRY R, DOMSCH, ERIC A
33: US 31: 62/485,680 32: 2017-04-14
54: GRAPHIC ARTS ASSEMBLY WITH MAGNETIC SUPPORT STRUCTURE
00: -
A graphic arts support assembly is operable to be used with a graphic arts plate assembly in a press. The graphic arts support assembly and the plate assembly are configured for removable association with a lift mechanism including a shiftable lift element. The support assembly includes a graphic arts magnetic support structure operable to removably support the graphic arts plate assembly. The magnetic support structure includes a support plate, a magnet fixed relative to the plate, and an alignment element projecting from the support plate. The support assembly is operable to be mounted on the lift mechanism so that the lift element is aligned with a lift opening of the support plate, with the lift element shiftable through the lift opening to locate at least part of the graphic arts plate assembly away from the support plate.



21: 2019/06660. 22: 2019/10/09. 43: 2020/11/20
51: F25B; F25D; F28D
71: CRYOLOGISTICS REFRIGERATION TECHNOLOGIES LTD.
72: ROWE, Andrew, STRAIN, Jana, SPAULDING, Will, GUNSTONE, Adrian, RYAN, Chase, SAYNOVICH, Pedro, HEYWOOD, Matthew, GARLAND, Jesse, KHOURI, Alyesha, EVANS, Peter
33: CA 31: 2,964,651 32: 2017-04-13
54: PASSIVE REFRIGERATION SYSTEM FOR THE COLD CHAIN INDUSTRY
00: -
A passive refrigeration box for controlled refrigeration of a product comprising: an outer box including an outer insulation layer; an inner box including an inner insulation layer, and a thermal shield on an outside of the inner insulation layer, the inner box and the outer box defining a vapour channel therebetween; and a thermal link including a thermal layer and a plurality of heat pipes or thermosyphons, the thermal layer and a top section of the inner box defining a coolant chamber, the coolant chamber including a coolant chamber access, and in communication with the vapour channel, and the thermal layer and a bottom section of the inner box defining a load chamber, the load chamber including a load chamber access, each heat pipe or thermosyphon having a condenser section disposed in the coolant chamber and an evaporator section disposed in the load chamber and extending through the thermal layer.



21: 2019/06672. 22: 09/10/2019. 43: 2020/11/30
51: B01J
71: KOCH-GLITSCH, LP
72: CLIFFORD, SCOTT, TALBOT, MALCOLM, NIEUWOUDT, IZAK
33: US 31: 62/500,033 32: 2017-05-02
54: STRUCTURED PACKING MODULE FOR MASS TRANSFER COLUMNS
00: -
A cross-corrugated structured packing element is provided for use in mass transfer or heat exchange columns. The packing element has a plurality of packing layers positioned in an upright, parallel relationship to each other and including corrugations formed of alternating peaks and valleys and corrugation sidewalls extending between the peaks and valleys. The packing element also includes a plurality of apertures each presenting an open area. The apertures are distributed such that the corrugation sidewalls have a greater density of open areas than any density of the open areas that may be present in the peaks and valleys. Some of the apertures may be present in the peaks and the valleys to facilitate liquid distribution. The apertures may also be placed in rows or other patterns that are aligned in a direction along a longitudinal length of the corrugations.

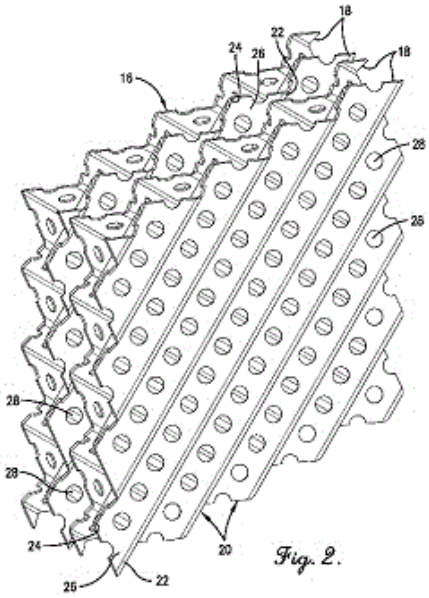


Fig. 2.

21: 2019/06674. 22: 09/10/2019. 43: 2020/11/30
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: WANG, MIN, CHRISTOFFERSSON, JAN, LIU, JINHUA
33: CN 31: PCT/CN2017/083334 32: 2017-05-05
54: A METHOD AND DEVICE IN A RADIO NETWORK
00: -
The invention refers to a method for a communication device in a radio network, which comprises a step of performing a first transmitting, in a first time slot of a first duration, comprising transmitting a Buffer Status Report, BSR, for a plurality of logical channels, and a step of performing a second transmitting, in a second time slot of a second duration, comprising transmitting a Scheduling Request, SR, for at least a first part of the plurality of logical channels; the invention further refers to corresponding communication devices, to a computer-readable storage, to a computer program and to a carrier.

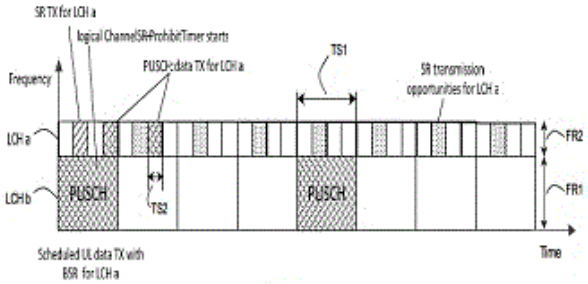
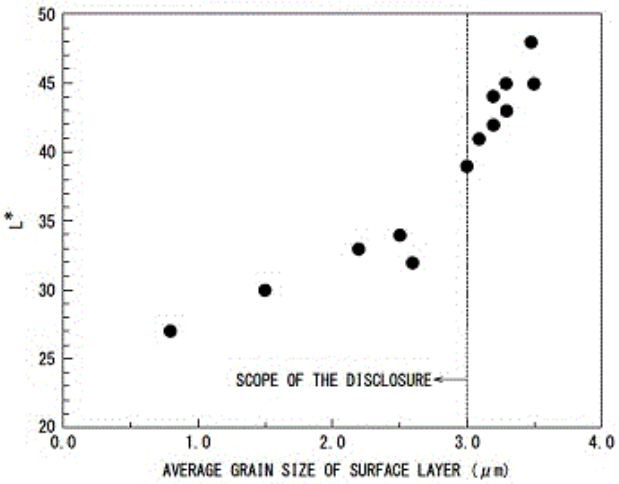
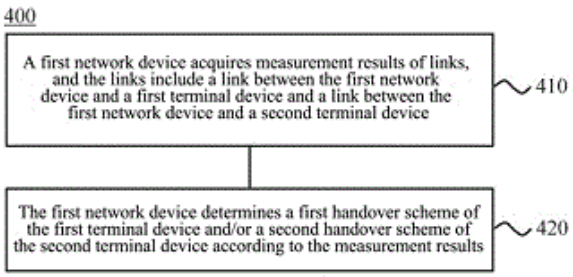


FIG. 4

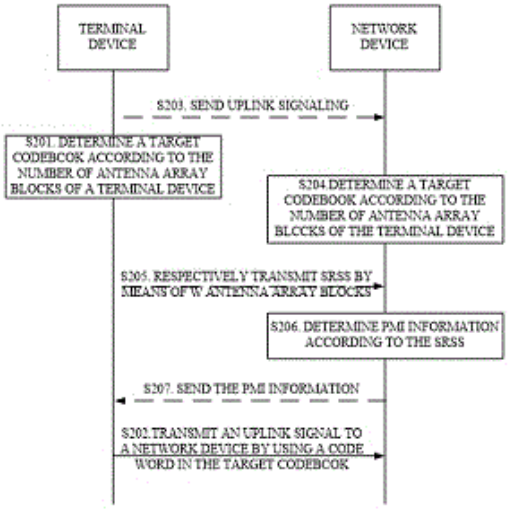
21: 2019/06697. 22: 10/10/2019. 43: 2020/11/27
51: B21B; C21D; C22C
71: JFE STEEL CORPORATION
72: KIZU, TARO, JIN, TAKAYOSHI, AOYAGI, AKIHIRO, YAMAMOTO, MASAAKI
33: JP 31: 2017-076527 32: 2017-04-07
54: NON-PICKLED HOT-ROLLED STEEL SHEET AND METHOD FOR MANUFACTURING SAME
00: -
Provided is a non-pickled hot-rolled steel sheet which has sufficient blackness as seen from every direction, and which has excellent scale adhesion. The non-pickled hot-rolled steel sheet comprises a base material hot-rolled steel sheet and a scale on a surface of the base material hot-rolled steel sheet, the scale comprising Fe_3O_4 and Fe and having a thickness of 3.0 to 20 μm. In an upper layer of the scale, an average grain size is not more than 3.0 μm. In a cross section of the scale, an Fe area ratio is less than 1.0 % in the region of 0 to 1.0 μm from an upper-most layer of the scale in a thickness direction of the scale, and is not less than 1.0% in the region of 0 to 1.0 μm from the interface between the scale and the base material hot-rolled steel sheet in the thickness direction of the scale.



21: 2019/06725. 22: 11/10/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: YANG, NING, LIU, JIANHUA
54: SWITCHING METHOD, NETWORK DEVICE AND TERMINAL DEVICE
00: -
Disclosed in the present application are a switching method, a network device and a terminal device, the method comprising: a first network device obtains a measurement result for a link, the link comprising a link between the first network device and a first terminal device as well as a link between the first network device and a second terminal device; and the first network device determines a first switching scheme for the first terminal device and/or a second switching scheme for the second terminal device according to the measurement result. Thus, it is possible to enable a relay terminal device and a remote terminal device to continue carrying out effective relay transmission therebetween after the relay terminal device and remote terminal device carry out cell switching.



21: 2019/06726. 22: 11/10/2019. 43: 2020/11/30
51: H04B
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: TANG, HAI
54: UPLINK SIGNAL TRANSMISSION METHOD AND RELATED DEVICE
00: -
Disclosed in the present invention is an uplink signal transmission method. The method comprises: a terminal device determines a target codebook according to the number of antenna array blocks of the terminal device; and the terminal device transmits an uplink signal by using a code word in the target codebook. An embodiment of the present invention also provides a related device. By using embodiments of the present invention, an uplink signal can be transmitted by flexibly selecting part of antenna array blocks from all of the antenna array blocks.



21: 2019/06728. 22: 11/10/2019. 43: 2020/11/27
51: A61K; A61Q
71: UNILEVER PLC
72: KRANZMANN, ALYSSA NICOLE, MILLER, JAMIE LYNN, VASUDEVAN, TIRUCHERAI VARAHAN
33: EP 31: 17169997.8 32: 2017-05-08
54: LIQUID PERSONAL CLEANSING COMPOSITION
00: -
The invention relates to stable, mild and moisturizing lamellar liquid cleansing compositions which

possess a lotion-like appearance conveying signals of enhanced moisturization. However, these liquids often are either unstable or cause poor lather production and other sensory deficits The use of a specific ratio of total acyl isethionates to acyl glutamates or other divalent anionic surfactant in a structured liquid product improve stability and lather production, mildness and acceptable odor.

21: 2019/06729. 22: 11/10/2019. 43: 2020/11/27
51: F01N
71: ENCOLNVEST INTERNATIONAL, S.L., MORILLAS GOMEZ, IGNACIO
72: MORILLAS GOMEZ, IGNACIO
33: ES 31: 201730376 32: 2017-03-30
54: DEVICE FOR REDUCING POLLUTANT GAS EMISSIONS BY MEANS OF CATALYST MANAGEMENT IN THE COMBUSTION PROCESS
00: -
The invention relates to a device for reducing pollutant gas emissions by means of catalyst management in the combustion process, characterised in that it comprises: a hollow cylindrical body with a fuel inlet hole in one side of said cylindrical body and a fuel outlet hole in the other side of said cylindrical body; a perforated cylindrical separator inside said body; and a sheet formed by at least one magnetic element and which is situated between the perforated separator and the inner wall of the hollow cylindrical body, such that when the fuel flows inside the device, part of the components of the hydrocarbon magnetise.

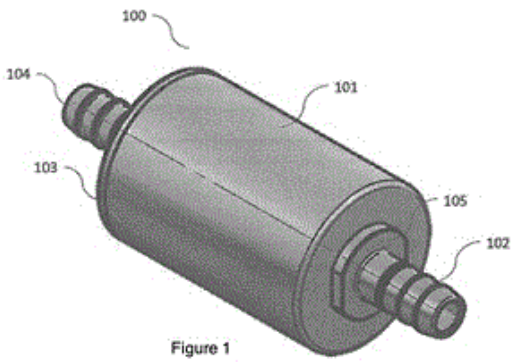
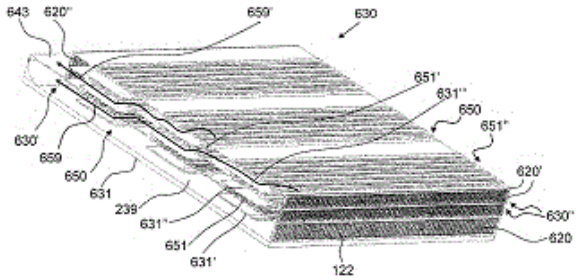


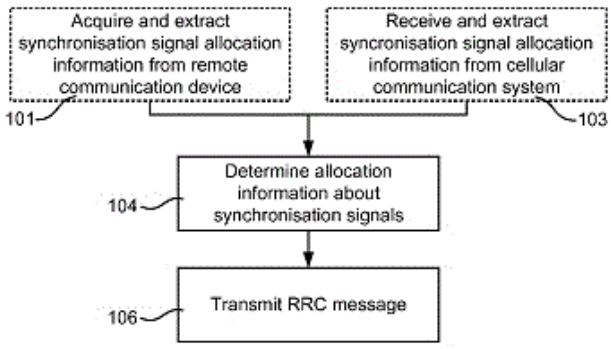
Figure 1

21: 2019/06732. 22: 11/10/2019. 43: 2020/11/30
51: E04F; E04H; F03D
71: ELEMENTAL ENGINEERING AG
72: SAEED, OSMAN
33: EP 31: 17166550.8 32: 2017-04-13
54: WIND PROTECTION DEVICE FOR A BUILDING
00: -
A wind protection device for a building has lateral face elements (630) positioned in a distance from an inner building wall (631) creating at least one riser shaft (239) for air. The lateral face element (630) is closed at lateral sides, wherein the wind protection device further comprises at least one lower air entry element (620, 620') connected to at least one riser shaft (239) and at least one upper virtual ledge element (620''; 643) connected to at least one riser shaft (239) comprising an outlet opening directing the air flow from the connected riser shaft(s) (239) to the area in front and above the respective upper virtual ledge element (620'', 643).



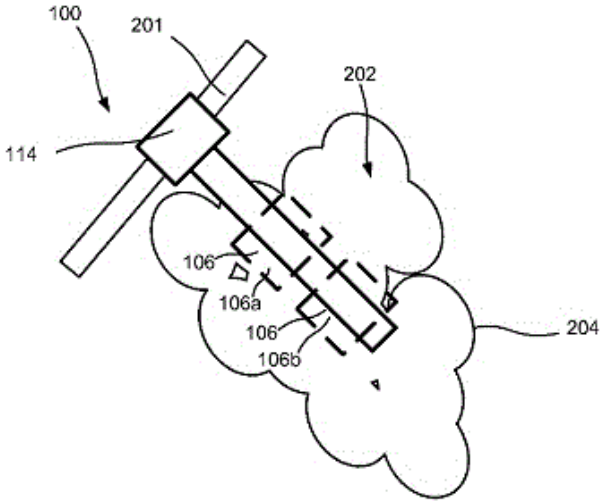
21: 2019/06794. 22: 15/10/2019. 43: 2020/11/27
51: A01N; A01P
71: OMYA INTERNATIONAL AG
72: GLAUBITZ, JOACHIM, SÜTTERLIN, KLAUS
33: EP 31: 17171322.5 32: 2017-05-16
33: US 31: 62/509,799 32: 2017-05-23
54: BIOCIDE FREE PRESERVATION
00: -
The invention relates to an antimicrobial composition comprising at least one water soluble or water dispersable source of zinc ions in combination with at least one water soluble or water dispersable source of lithium ions and optionally at least one water soluble or water dispersable source of magnesium ions and/or at least one water soluble or water dispersable source of sodium ions, an aqueous preparation, a process for preserving an aqueous preparation against microorganisms as well as the use of the antimicrobial composition for preserving an aqueous preparation against microorganisms.

21: 2019/06799. 22: 15/10/2019. 43: 2020/11/27
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: LINDOFF, BENGT, ALRIKSSON, PETER, ÅSTRÖM, MAGNUS
33: EP 31: 17169554.7 32: 2017-05-04
54: WIRELESS COMMUNICATION DEVICE, NETWORK NODE, METHODS AND COMPUTER PROGRAMS FOR AIDING FINDING OF SYNCHRONISATION SIGNALS
00: -
A method of a network node of a cellular communication system for mobility from a first radio access network, RAN, operating using a first radio access technology, RAT, to a second RAN operating using a second RAT. The first RAT has synchronisation signals with a first frequency allocation and the second RAT has synchronisation signals with a second frequency allocation in relation to a network frequency for the second RAT. The method comprises determining allocation information about the synchronisation signals of the second RAT, and transmitting a radio resource control, RRC, message including the allocation information about the synchronisation signals of the second RAT. A method for the wireless communication device is also disclosed, as well as a network node, a wireless communication device and computer programs for them. The approach comprises exchanging information about the second RAT including the information about the allocation information of the synchronisation signals with neighbouring network nodes or wireless communication devices.

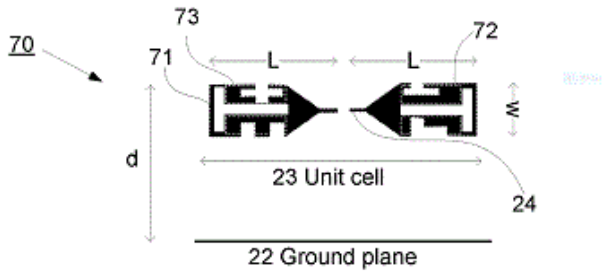


21: 2019/06811. 22: 2019/10/16. 43: 2020/11/20
51: C07D
71: ELI LILLY AND COMPANY
72: CIFUENTES-GARCIA, Marta Maria, GARCIA-PAREDES, Maria Cristina
33: EP 31: 17382207.3 32: 2017-04-18
54: PHENYL-2-HYDROXY-ACETYLAMINO-2-METHYL-PHENYL COMPOUNDS
00: -
The present invention provides phenyl-2-hydroxy-acetylamino-2-methyl-phenyl compounds, to pharmaceutical compositions comprising the compounds, to methods of using the compounds to treat physiological disorders such as cancer. (FR) La présente invention concerne des composés de phényl-2-hydroxy-acétylamino-2-méthyl-phényle, des compositions pharmaceutiques comprenant les composés et des procédés d'utilisation des composés pour traiter des troubles physiologiques tels que le cancer.

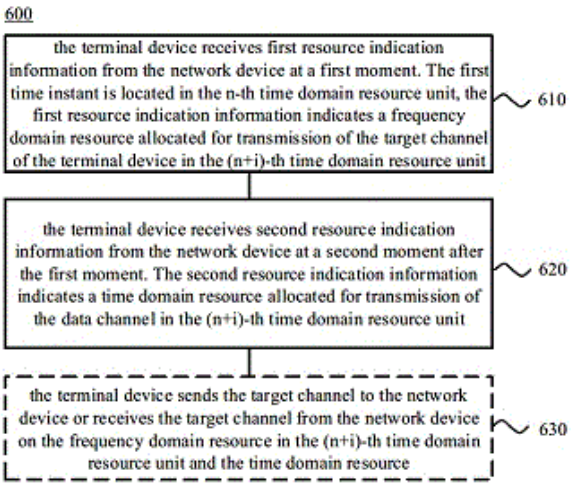
21: 2019/06827. 22: 16/10/2019. 43: 2020/11/09
51: G01N
71: INL - INTERNATIONAL IBERIAN NANOTECHNOLOGY LABORATORY
72: FREITAS, PAULO, PITEIRA, JOÃO
33: EP 31: 17163284.7 32: 2017-03-28
54: A MONITORING DEVICE, A SYSTEM AND A METHOD FOR MONITORING A STATUS OF FRUITS
00: -
A monitoring device (100) for monitoring a status of fruits, the monitoring device (100) comprising: a flexible strip (102) configured to be introduced into a cluster of fruits allowing the flexible strip (102) being embedded in the cluster, the flexible strip (102) comprising a plurality of spatially separated sensing nodes (106), wherein each of the plurality of sensing nodes (106) comprises a sensing node light source (108) configured to emit light and a sensing node light detector (110) configured to detect light, a read out circuitry (112) configured to read out data pertaining to the detected light detected at each of the plurality of sensing nodes (106), a body (114) comprising a wireless communication module (116) configured to transmit the data pertaining to the detected light, wherein the flexible strip (102) is attached to the body (114). A system comprising a plurality of monitoring devices and a method for monitoring a status of fruits are further provided.



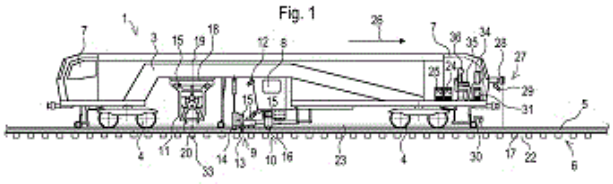
21: 2019/06831. 22: 16/10/2019. 43: 2020/11/30
51: H01Q
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: KOLITSIDAS, CHRISTOS, JONSSON, LARS, ENGSTRÖM, STEFAN
54: A BROADBAND ANTENNA
00: -
The present invention relates to a single polarized radiator operating within a frequency range, the radiator comprising multiple active dipoles (70) configured to be arranged a predetermined distance (d) from a ground plane (22). Each active dipole (70) comprising a first active element having first electrical characteristics and a second active element having second electrical characteristics, which first and second active elements are equal in length (L) and provided with a respective feeding point (24). In each active dipole (70), first electrical characteristics differs from second electrical characteristics, the length (L) of each active element is selected based on an upper frequency of the frequency range, and the first active element (71) and/or the second active element (72) of each active dipole (70) is/are configured to be capacitively coupled to an active element of an adjacent active dipole.



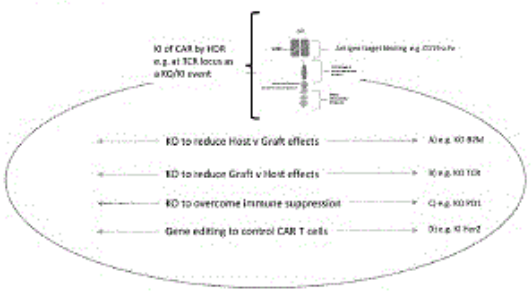
21: 2019/06858. 22: 17/10/2019. 43: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: LIN, YANAN, XU, HUA
54: DATA TRANSMISSION METHOD, TERMINAL DEVICE AND NETWORK DEVICE
00: -
Disclosed are a data transmission method, a terminal device and a network device. The method comprises: a terminal device receiving, at a first moment, first resource indication information sent by a network device, wherein the first moment is in the nth time domain resource unit, the first resource indication information indicates a frequency domain resource, used for transmitting a target channel, in the (n+i)th time domain resource unit, the target channel comprises a data channel or a control channel of the terminal device, and n and i are positive integers; and the terminal device receiving, at a second moment after the first moment, second resource indication information sent by the network device, wherein the second resource indication information indicates a time domain resource, used for transmitting the target channel, in the (n+i)th time domain resource unit. Accordingly, a network device can pre-schedule a resource implementing the transmission of an uplink/downlink channel for a terminal device.



21: 2019/06886. 22: 18/10/2019. 43: 2020/11/30
51: E01B
71: PLASSER & THEURER EXPORT VON BAHNBAUMASCHINEN GMBH
72: BÜRGER, MARTIN
33: AT 31: A 196/2017 32: 2017-05-12
54: METHOD FOR CONTROLLING A TRACK CONSTRUCTION MACHINE
00: -
The invention relates to a method for controlling a track construction machine (1), in particular a turnout tamping machine or universal tamping machine, which travels along a track (6) and comprises working assemblies (9, 10, 11) movable relative to a machine frame (3), in particular a tamping assembly (11) and a lifting assembly (9), wherein position data of track objects (5, 17, 22, 37-42), in particular sleepers (17), rails (5) and any obstacles (37-42), in front of the working assemblies (9, 10, 11) in the working direction (26) is detected by means of a sensor device (27), and wherein working positions of the working assemblies (9, 10, 11) are determined for a working process (21) at a track position (33). The determined working positions of the working assemblies (9, 10, 11) are displayed by means of a display apparatus (34) before the working assemblies (9, 10, 11) are actuated, wherein the working positions of the working assemblies (9, 10, 11) can be modified by means of control elements (35) before the working process (21) is carried out.

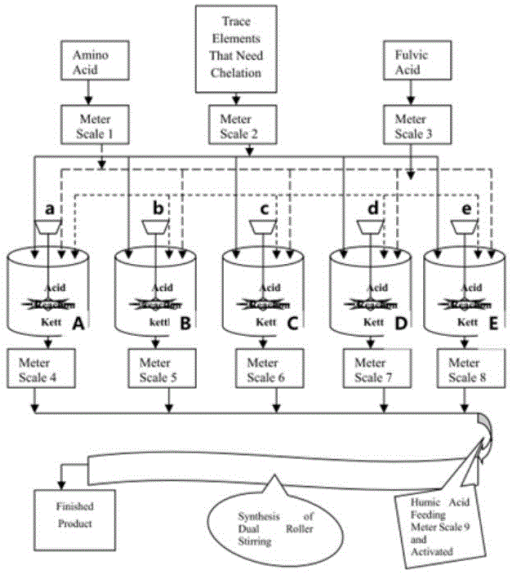


21: 2019/06923. 22: 21/10/2019. 43: 2020/11/27
51: C07K; C12N; A61K
71: CRISPR THERAPEUTICS AG
72: TERRETT, JONATHAN ALEXANDER, KALAITZIDIS, DEMETRIOS, KLEIN, LAWRENCE
33: US 31: 62/508,862 32: 2017-05-19
33: US 31: 62/567,012 32: 2017-10-02
33: US 31: 62/639,332 32: 2018-03-06
33: US 31: 62/655,510 32: 2018-04-10
33: US 31: 62/538,138 32: 2017-07-28
33: US 31: 62/505,649 32: 2017-05-12
33: US 31: 62/648,138 32: 2018-03-26
33: US 31: 62/583,793 32: 2017-11-09
33: US 31: 62/567,008 32: 2017-10-02
54: MATERIALS AND METHODS FOR ENGINEERING CELLS AND USES THEREOF IN IMMUNO-ONCOLOGY
00: -
Materials and methods for producing genome-edited cells engineered to express a chimeric antigen receptor (CAR) construct on the cell surface, and materials and methods for genome editing to modulate the expression, function, or activity of one or more immuno-oncology related genes in a cell, and materials and methods for treating a patient using the genome-edited engineered cells.



21: 2019/06933. 22: 2019/10/22. 43: 2020/11/20
51: C05C; C05G
71: FENGTIANBAO AGRICULTURAL TECHNOLOGY CO., LTD

72: CHEN, Tiecheng, WANG, Lianlin, ZHANG, Zhicheng, ZHAN, Yiqiang, LONG, Suxia, LIU, Dazhao
33: CN 31: 201910541337.6 32: 2019-06-21
54: ADDITIVE FOR INCREASING UTILIZATION RATE OF NUTRIENT ELEMENT, PREPARATION METHOD THEREFOR AND MULTI-ELEMENT COMPOUND FERTILIZER
00: -
The present invention provides an additive for increasing the utilization rate of nutrient elements, a preparation method therefor and a multi-element compound fertilizer, which belongs to the technical field of new fertilizer technology. The additive is prepared by raw materials comprising the following mass percentages: amino acid of 30% to 35%, fulvic acid of 15% to 20%, humic acid of 25% to 30%, activated carbon of 5% to 10% and medium trace element of 15% to 20%. The preparation method for the additive is mixing the medium trace elements with the fulvic acid and the amino acid respectively to conduct chelation reaction, to obtain an amino acid chelation product and a fulvic acid chelation product; and mixing the amino acid chelation product and the fulvic acid chelation product with the humic acid and the activated carbon, to obtain the additive for a compounding chelated fertilizer. Various corresponding amino acids are prepared by the amino acid and the medium trace elements, and at the same time, the fulvic acid and the humic acid are supplemented, achieving the supplement of medium trace elements. The addition can be conducted in proportion in the process of preparing the multi-element compound fertilizer, which can improve soil and fertility conditions.

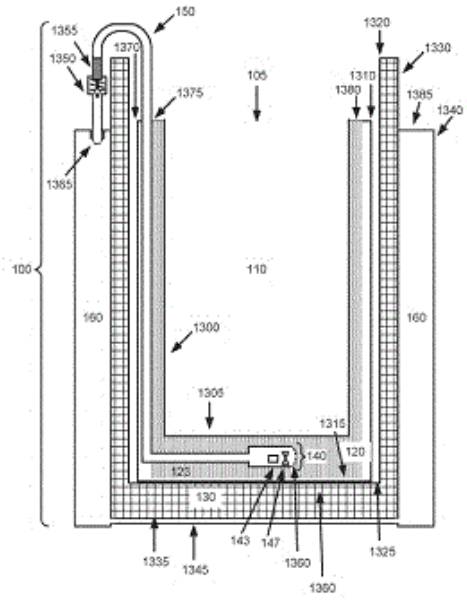


21: 2019/06960. 22: 22/10/2019. 43: 2020/11/27
51: C07D; A01N; A01P
71: ZHEJIANG RESEARCH INSTITUTE OF CHEMICAL INDUSTRY CO., LTD, SINOCHEM LANTIAN CO., LTD.
72: XU, TIANMING, YUAN, JING, HU, DONGSONG, ZHONG, LIANGKUN, XING, JIAHUA, WEI, YOUCHANG, HUANG, HONGYING, YU, JIPING
33: CN 31: 201710177980.6 32: 2017-03-23
33: CN 31: 201710180372.0 32: 2017-03-24
33: CN 31: 201710231751.8 32: 2017-04-11
33: CN 31: 201710177859.3 32: 2017-03-23
33: CN 31: 201710231720.2 32: 2017-04-11
54: MITICIDE COMPOSITION CONTAINING SPIRO ETHER DERIVATIVES
00: -
Provided is a miticide composition containing two active ingredients, the first whereof comprising at least one compound selected among the compounds A-7, A-8 and A-10, and the second whereof being a group selected among the first to the eighth groups. The present miticide composition is capable of enhancing preventative efficacy, reducing agricultural costs and delaying the onset of pesticide resistance.

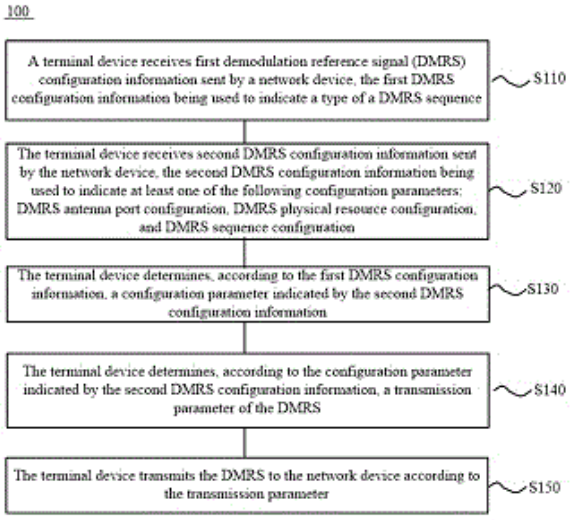
21: 2019/06961. 22: 22/10/2019. 43: 2020/11/27
51: F25D; B65D
71: TOKITAE LLC
72: CHOU, FONG-LI, WELKHOFF, PHILIP A, FOWLER, LAWRENCE MORGAN, LIU, SHIENG, MAIER-LAXHUBER, PETER K, PETERSON, NELS R, POLESHCHUK, IVAN, SCHMIDT, RALF W,

TEGREENE, CLARENCE T, WOOD, LOWELL L. JR, WÖRZ, REINER M, YAGER, DAVID J
33: US 31: 15/468,457 32: 2017-03-24
54: TEMPERATURE-CONTROLLED PORTABLE COOLING UNITS
00: -
Portage storage containers including controlled evaporative cooling systems are described herein. In some embodiments, a portable container including an integral controlled evaporative cooling system includes: a storage region, an evaporative region adjacent to the storage region, a desiccant region adjacent to the outside of the container, and an insulation region positioned between the evaporative region and the desiccant region. A vapor conduit with an attached vapor control unit has a first end within the evaporative region and a second end within the desiccant region. In some embodiments, the controlled evaporative cooling systems are positioned in a radial configuration within the portable container.

FIG. 13



21: 2019/06962. 22: 22/10/2019. 43: 2020/11/30
51: H04L; H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: TANG, HAI
54: METHOD AND DEVICE FOR TRANSMITTING UPLINK DEMODULATION REFERENCE SIGNAL
00: -
The present application provides a method and device for transmitting an uplink demodulation reference signal. The method comprises: a terminal device receiving first demodulation reference signal (DMRS) configuration information sent by a network device, the first DMRS configuration information being used to indicate a type of a DMRS sequence; the terminal device receiving second DMRS configuration information sent by the network device, the second DMRS configuration information being used to indicate at least one of the following configuration parameters: DMRS antenna port configuration, DMRS physical resource configuration, and DMRS sequence configuration; the terminal device determining, according to the first DMRS configuration information, a configuration parameter indicated by the second DMRS configuration information; determining, according to the configuration parameter indicated by the second DMRS configuration information, a transmission parameter of the DMRS; and transmitting the DMRS according to the transmission parameter. The method for transmitting an uplink demodulation reference signal of the present application enables the terminal device to be compatible with multiple types of DRMS sequences.

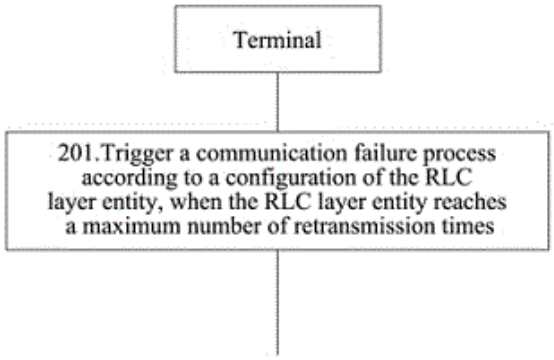


21: 2019/06964. 22: 22/10/2019. 43: 2020/11/30
51: A61K; G01N; A61P
71: UNILEVER PLC
72: CORTES, LUBA MILENA PARDO, GINGER, REBECCA SUSAN, GUNN, DAVID ANDREW, NIJSTEN, TAMARIUS EDMOND CHRISTOFFEL,

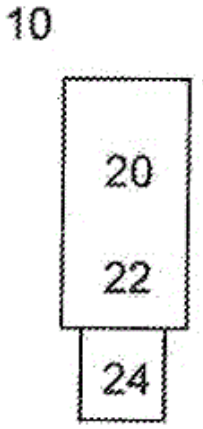
SANDERS, MARTIJN GERARD HENDRIK, SMITH, ADRIAN MICHAEL
33: EP 31: 17169956.4 32: 2017-05-08
54: PREVENTION AND/OR TREATMENT OF INFLAMMATORY SKIN DISEASE
00: -
Disclosed is a substance which down-regulates the activity of a MAST gene, or the activity of a transcription or translation product of a MAST gene, for use in the prevent and/or treatment of an inflammatory skin condition in a mammalian subject.

21: 2019/06966. 22: 22/10/2019. 43: 2020/11/27
51: A61K; A61Q
71: UNILEVER PLC
72: YANG, LIN, TSAUR, SHENG LIANG, HERMANSON, KEVIN DAVID
33: EP 31: 17170458.8 32: 2017-05-10
54: LOW VISCOSITY, HIGH POLYOL SELF-FOAMING COMPOSITION
00: -
The invention provides high viscosity, low polyol compositions. By using surfactant system wherein 50% or more of the surfactant system comprises a surfactant of defined V_h/I_ca_o value, it is possible to provide such composition having good foam appearance. If surfactants of such value are not used, the high polyol, low viscosity composition have "bad" foam attributes (not "self-foaming), when measured for example after pumping through mechanical pump (composition has 0 to 0.5% propellant gel or gas).

21: 2019/06994. 22: 23/10/201943: 2020/11/27
51: H04W
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: SHI, CONG
33: CN 31: PCT/CN2018/075617 32: 2018-02-07
54: RADIO LINK FAILURE HANDLING METHOD AND RELATED PRODUCT
00: -
Disclosed in an embodiment of the present invention are a radio link failure handling method and a related product. The method comprises: when an RLC layer/entity reaches a maximum retransmission count, a terminal triggering, according to a configuration of the RLC layer/entity, a communication failure procedure. The embodiment of the present invention can trigger different radio link failure procedures by distinguishing different configurations of an RLC layer/entity, thereby minimizing occurrence of link interruption, and timely recovering a failed link.

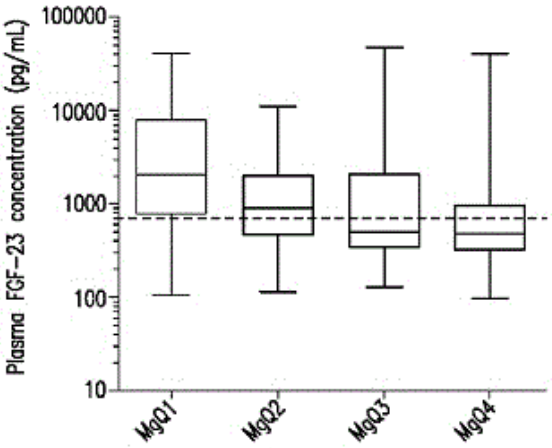


21: 2019/06996. 22: 23/10/2019. 43: 2020/11/27
51: H04L
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: PARKVALL, STEFAN, BALDEMAIR, ROBERT
54: SCHEDULING OF TRANSMISSIONS IN RADIO ACCESS NETWORKS
00: -
There is disclosed a method of operating a user equipment (10) in a radio access network. The method comprising determining, based on a symbol configuration, a border symbol of a scheduled transmission in a transmission timing structure, the transmission timing structure comprising a plurality of symbols. The disclosure also pertains to related methods and devices.

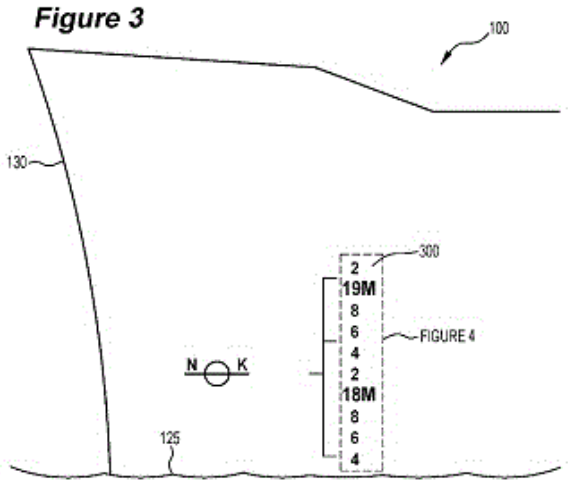


21: 2019/06997. 22: 23/10/2019. 43: 2020/11/30
51: G01N; A23K

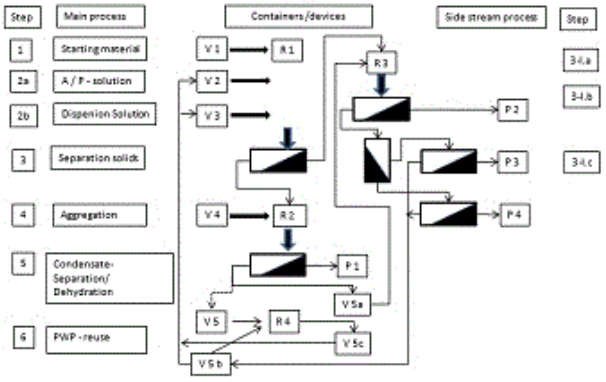
71: MARS, INCORPORATED
72: BIOURGE, VINCENT, ELLIOTT, JONATHAN, VAN DEN BROEK, DIRK HENDRIK NICOLAAS, JEPSON, ROSANNE ELLEN, CHANG, YU-MEI
33: US 31: 62/567,623 32: 2017-10-03
33: US 31: 62/513,396 32: 2017-05-31
54: METHODS OF DIAGNOSING AND TREATING CHRONIC KIDNEY DISEASE
00: -
The presently disclosed subject matter relates to methods of diagnosing and treating chronic kidney disease (CKD) in an animal, comprising determining the amount of magnesium in a sample of the animal and providing the animal with a treatment regimen. In certain embodiments, the treatment regimen comprises administering an effective amount of magnesium.



21: 2019/06998. 22: 23/10/2019. 43: 2020/11/03
51: B63B; G01B; G01G
71: TECHNOLOGICAL RESOURCES PTY. LIMITED
72: EPSKAMP, TROY, LOOI, EN-SHAN, ZEELENBERG, JONATHON
33: AU 31: 2017901297 32: 2017-04-07
54: AUTOMATED DRAFT SURVEY
00: -
A method of determining the draft of a vessel comprising the steps of:measuring the draft of the vessel using at least one optical imaging device to provide optical draft measurement data; measuring the draft of the vessel using elevation data provided by at least one GNSS or GPS device so as to provide elevation draft measurement data; and using the elevation draft measurement data and the optical draft measurement data to determine the draft of the vessel.

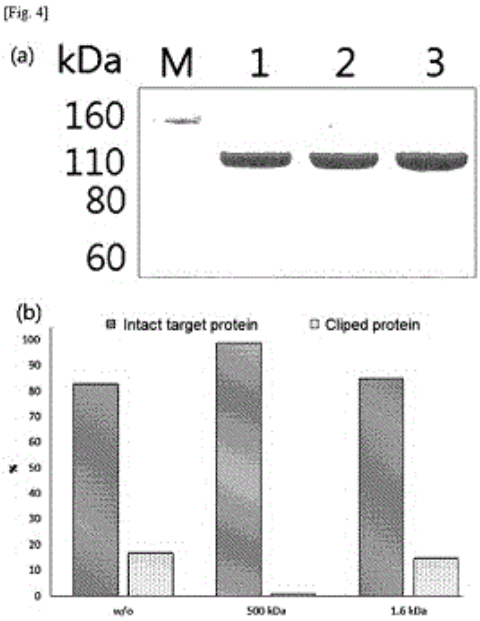


21: 2019/07077. 22: 25/10/2019. 43: 2020/11/27
51: A23J
71: DIETZ, MAX
72: DIETZ, MAX
33: DE 31: 10 2017 003 178.9 32: 2017-03-28
33: EP 31: 17207167.2 32: 2017-12-13
33: EP 31: 17207165.6 32: 2017-12-13
54: METHOD FOR THE PROCEDURALLY ECONOMICAL REMOVAL/FRACTIONATION OF CONSTITUENTS OF VEGETAL STARTING MATERIAL, AND THE PRODUCTION AND USE OF SAME
00: -
The present invention relates to a procedurally economical method for removing and/or fractionating constituents consisting of water-soluble and dissolved compounds comprising proteins and/or carbohydrates and/or flavouring agents and/or colouring agents and/or fats and/or toxins; optionally water-soluble and undissolved compounds comprising starch; solid materials comprising cellulose-based fibres and/or lignin-rich shells; a protein-containing biogenic starting material.



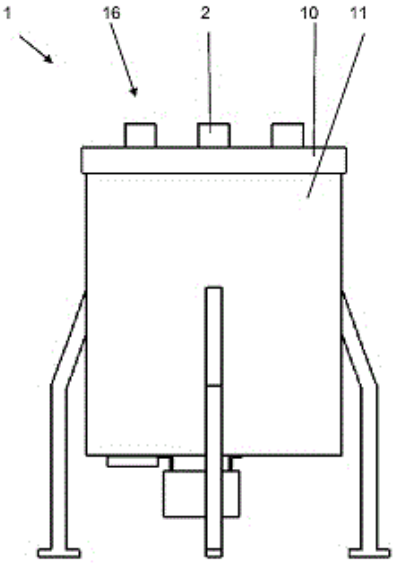
21: 2019/07078. 22: 25/10/2019. 43: 2020/11/27
51: A23N; A23J
71: DIETZ, MAX
72: DIETZ, MAX
33: DE 31: 10 2017 003 177.0 32: 2017-03-28
54: METHOD FOR DISINTEGRATING/SEPARATING AND DECOMPOSING PLANT SHELL MATERIALS AND CONSTITUENTS IN ORDER TO OBTAIN AND PRODUCE PLANT INGREDIENTS AND PLANT FIBER PRODUCTS
00: -
The invention relates to a method for disintegrating and decomposing plant starting material, having the following method steps: a) providing a plant starting material, b) mixing the starting material with a disintegrating solution and leaving the starting material in the disintegrating solution until disintegration is achieved, c) distributing the constituents of the disintegrated starting material in a distribution volume so as to obtain solid constituents and dissolved constituents of the plant starting material, d) separating solid constituents from dissolved constituents of the plant starting material, e) obtaining the separated constituents of the plant starting material as material fractions by e1) fractionating cellulose-based fibers from lignin-rich shells of the solid constituents of the plant starting material by means of a cyclone method and obtaining purified fractions of cellulose-based fibers and of lignin-rich shells, e2) aggregating/complexing dissolved proteins of the dissolved constituents of the plant starting material by means of complexing agent and separating the sedimented aggregated/complexed condensed proteins so as to obtain an aggregated/complexed protein mass.

21: 2019/07115. 22: 28/10/2019. 43: 2020/11/30
51: C12P; C07K
71: YUHAN CORPORATION
72: CHOI, BYUNG HYUN, LIM, IN HWAN, PARK, JUN YOUNG, LEE, JIN HYOUNG, KIM, KI HONG, JO, HAE YONG, KIM, JUN HWAN, SONG, MOO YOUNG, KIM, JONG GYUN
33: KR 31: 10-2017-0051758 32: 2017-04-21
54: METHOD FOR PRODUCING DUAL FUNCTION PROTEINS AND ITS DERIVATIVES
00: -
The present invention provides a method for producing a dual function protein comprising a biologically active protein and an FGF21 mutant protein. The method allows stable production of a target protein by effectively preventing decomposition of the target protein, and thus has a high potential for commercial usage.

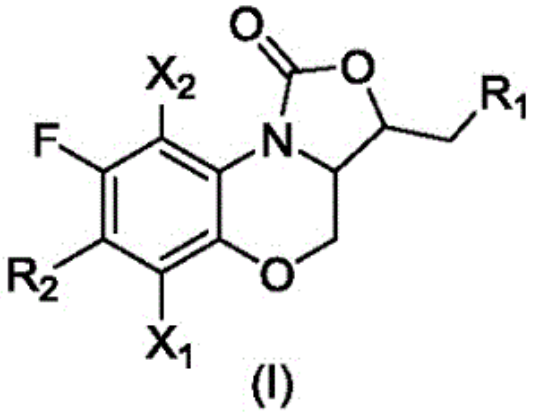


21: 2019/07117. 22: 28/10/2019. 43: 2020/11/30
51: A23L
71: GEA MECHANICAL EQUIPMENT GMBH
72: VAN ERP, JOOST
33: EP 31: 17170103.0 32: 2017-05-09
33: EP 31: 18159559.6 32: 2018-03-01
54: MALAXATION APPARATUS FOR THE PRODUCTION OF VIRGIN OLIVE OIL
00: -
The present invention relates to a heating apparatus, which heats a substance in a chamber. The present invention further relates to a food production line and

a method to heat a substance with radio-frequency waves.



21: 2019/07120. 22: 28/10/2019. 43: 2020/11/30
51: C07D; A61K; A61P
71: INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF MEDICAL SCIENCES
72: HUANG, HAIHONG, ZHANG, DONGFENG, ZHAO, HONGYI
33: CN 31: 201710191791.4 32: 2017-03-28
54: NITROGEN CONTAINING HETEROCYCLE SUBSTITUTED BENZOXAZINE OXAZOLIDINONE COMPOUND AND PREPARATION METHOD AND USE THEREOF
00: -
Disclosed are a nitrogen containing heterocycle substituted benzoxazine oxazolidinone compound, a preparation method thereof and the use in the preparation of a drug for treating and/or preventing infectious diseases induced by Mycobacterium tuberculosis. In particular, the present invention relates to the compound as shown in formula (I) and a stereoisomer thereof, a pharmaceutically acceptable salt thereof and a pharmaceutical composition comprising the compound of the present invention, a method of use thereof and a method for preparing these compounds, wherein X1, X2, R1 and R2 are as described in the description.



21: 2019/07131. 22: 2019/10/29. 43: 2020/10/29
51: A61B A61F
71: OPUS MEDICAL THERAPIES, LLC
72: RAJAGOPAL, Vivek, SARABIA, Jaime, Eduardo, LIAO, Yenchin
33: US 31: 62/481,846 32: 2017-04-05
33: US 31: 15/943,792 32: 2018-04-03
33: US 31: 62/509,587 32: 2017-05-22
33: US 31: 62/558,315 32: 2017-09-13
54: TRANSCATHERER ATRIAL SEALING SKIRT, ANCHOR, AND TETHER AND METHODS OF IMPLANTATION
00: -
A medical assembly implanting an atrial sealing skirt in the heart at an atrial sealing skirt deployment site and related methods of implantation and delivery. An anchor is endovascularly introduced into the heart and implanted to a cardiac wall with an anchor delivery system and delivery cable. A second delivery system introduces a tether which coupled to the implanted anchor and an atrial sealing skirt. The atrial sealing skirt includes a top brim which is positioned to conform to the atrial floor at the deployment site. The sealing skirt may be integrated with a valve or serve as a receptacle.

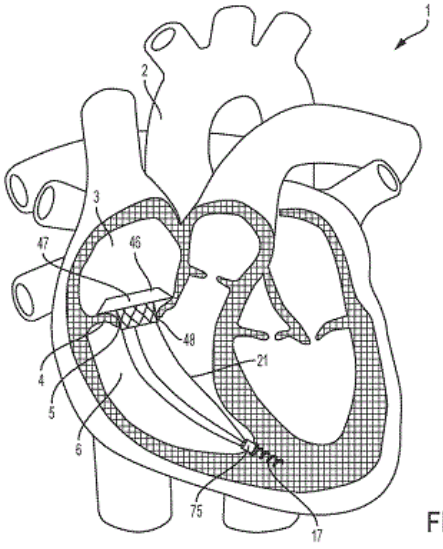
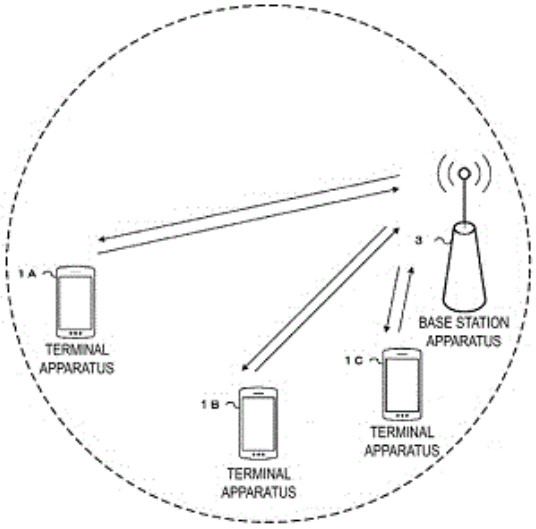
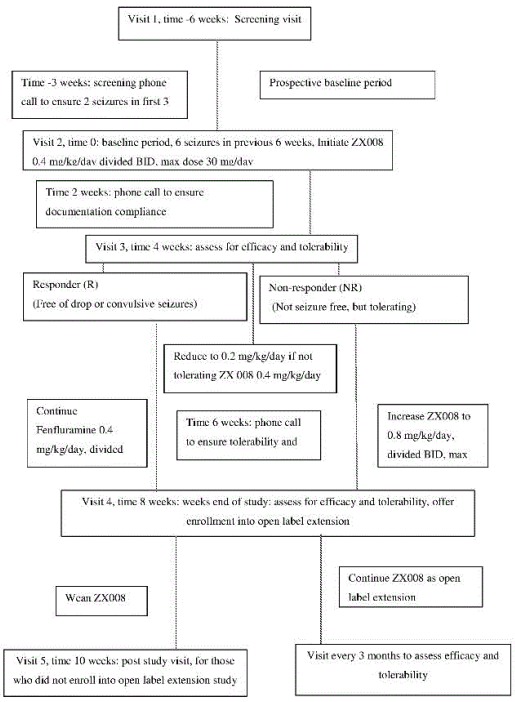


FIG. 1

21: 2019/07142. 22: 29/10/2019. 43: 2020/11/30
51: H04W
71: SHARP KABUSHIKI KAISHA, FG INNOVATION COMPANY LIMITED
72: YOKOMAKURA, KAZUNARI, YAMADA, SHOHEI, TSUBOI, HIDEKAZU, TAKAHASHI, HIROKI
33: JP 31: 2017-088205 32: 2017-04-27
54: BASE STATION APPARATUS, TERMINAL APPARATUS, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT
00: -
A terminal apparatus includes: a receiver configured to receive first information, second information, and third information; and a measuring unit configured to perform measurements. The first information includes information related to the measurements, the second information includes information for indicating a periodicity of one or more blocks, each of the one or more blocks includes a first synchronization signal, a second synchronization signal, and a physical broadcast channel, the third information includes information for indicating time positions of the one or more blocks, the information related to the measurements includes an object on which the measurements are to be performed at a certain carrier frequency, and the measurements are performed based on the periodicity of the one or more blocks.



21: 2019/07168. 22: 2019/10/30. 43: 2020/11/20
51: A61K; A61P
71: ZOGENIX INTERNATIONAL LIMITED
72: BOYD, Brooks, FARR, Stephen, J., GALER, Bradley, S.
33: US 31: 62/503,638 32: 2017-05-09
33: US 31: 62/581,375 32: 2017-11-03
54: METHODS OF TREATING DOOSE SYNDROME USING FENFLURAMINE
00: -
A method of treating and/or preventing symptoms of Doose syndrome in a patient such as a patient previously diagnosed with Doose syndrome, by administering an effective dose of fenfluramine or its pharmaceutically acceptable salt to that patient. Doose syndrome patients are treated at a preferred dose of less than about 10.0 to about 0.01 mg/kg/day.



21: 2019/07218. 22: 30/10/2019. 43: 2020/11/30
51: B64C; H04W; G08G
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: MAHKONEN, HEIKKI, MANGHIRMALANI, RAVI, TAKÁCS, ATTILA
33: US 31: 62/480,347 32: 2017-03-31
54: BROADCASTING GEOLOCATION INFORMATION IN A RADIO FRAME TRANSMITTED FROM AN UNMANNED AERIAL VEHICLE
00: -
Broadcasting geolocation information of an Unmanned Aerial Vehicle (UAV) from the UAV by determining current geolocation of the UAV by communicating with a geolocation service and utilizing the geolocation service to geolocate the UAV. Then the UAV prepares a radio frame that includes geolocation information identifying the current geolocation of the UAV and other information associated with the UAV using a radio protocol of one of a 3rd Generation Partnership Project (3GPP) radio protocol, a WiFi radio protocol, a wireless personal area network protocol and a low-power wide-area network protocol and transmits the radio frame to broadcast the current geolocation of the UAV.

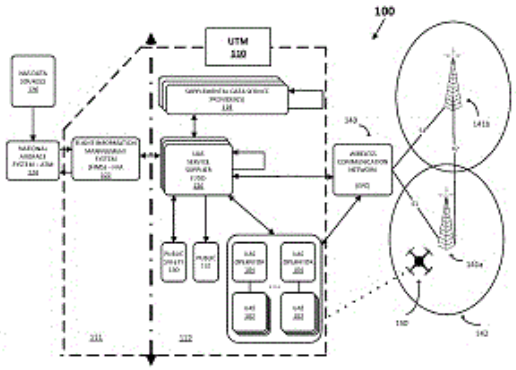


FIG. 1

21: 2019/07219. 22: 30/10/2019. 43: 2020/11/30
51: B42D
71: PELEMAN INDUSTRIES, NAAMLOZE VENNOOTSCHAP
72: PELEMAN, GUIDO FRANS M
33: BE 31: 2017/5318 32: 2017-05-05
54: BINDING FOLDER FOR THE BINDING OF A BUNDLE OF LEAVES
00: -
Binding folder for the binding of a bundle of leaves (15), which binding folder (1) essentially consists of a spine (2) with at least one cover sheet (4), whereby the spine (2) comprises a U-shaped profile (5) with a bottom (6) and two upright arms (7a, 7b), whereby the cover sheet (4) is attached to one of the arms (7b), whereby the binding folder (1) is provided with a layer of glue (13) to attach the bundle of leaves (15) in the binding folder (1), characterised in that the layer of glue (13) is put on said arm (7b) or a rigid extension of said arm (7b) such that the layer of glue (13) in relation to the U-shaped profile (5) cannot be folded or moved.

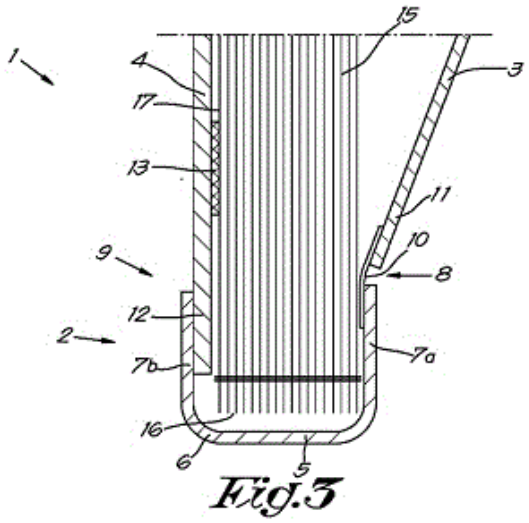


Fig.3

21: 2019/07239. 22: 2019/10/31. 43: 2020/11/20
51: B66F; E02D
71: LYCOPODIUM MINERALS PTY LTD
72: RUGGIERO, Bruno
33: AU 31: 2018904259 32: 2018-11-08
54: LEVELLING SYSTEM AND METHOD
00: -
A jacking assembly 10 for levelling a structure, and a system and method for levelling a structure are described. The jacking assembly 10 comprises a body 12 adapted to be mounted between a support member 14 and a support stool 16 associated with the structure. The body 12 has a recess 18 within which a jack 20 can be received. During levelling of the structure a jack 20 is installed within the recess 18 so as to engage with either the support stool 16 or the support member 14 as well as the body 12. When operated the jack lifts the body 12 and/or the support member 14 until the structure is level. It eliminates the need to use another crane to lift each corner of the structure during levelling or relevelling.

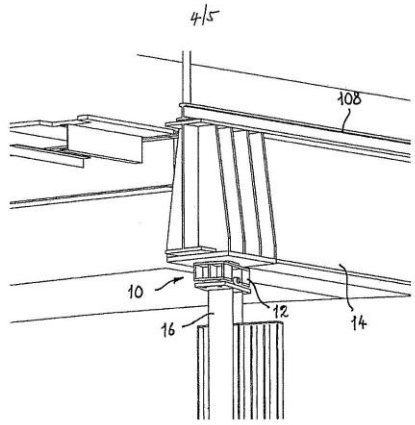


FIGURE 4

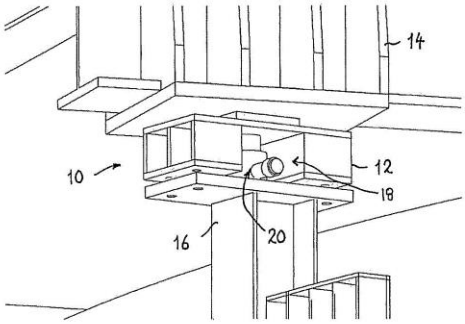


FIGURE 5

21: 2019/07240. 22: 2019/10/31. 43: 2020/11/20
51: E04B
71: LYCOPODIUM MINERALS PTY LTD
72: RUGGIERO, Bruno
33: AU 31: 2018904389 32: 2018-11-16
54: PANELISATION SYSTEM AND METHOD
00: -
A panelisation method and system of steelwork construction is described. The method comprises determining a plurality of panelisation phases, according to which a plurality of panels will be assembled at ground level and then constructed to form a structure 10. Each wall panel 12 and/or floor panel 14 is assembled at ground level. Then each wall panel 12 and/or floor panel 14 is lifted and fixed into position on site according to its panelisation phase. In use, the complete steelwork structure 10 can be constructed with minimum above-ground work.

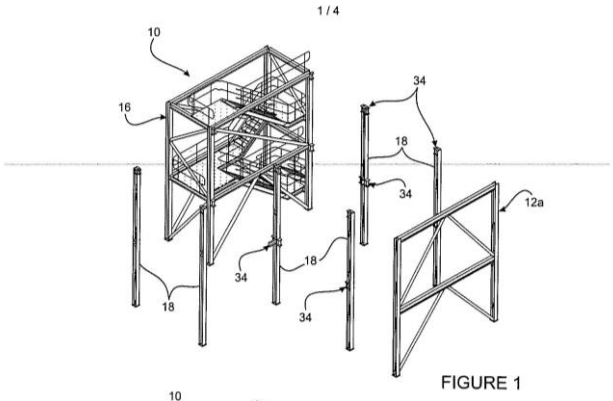


FIGURE 1

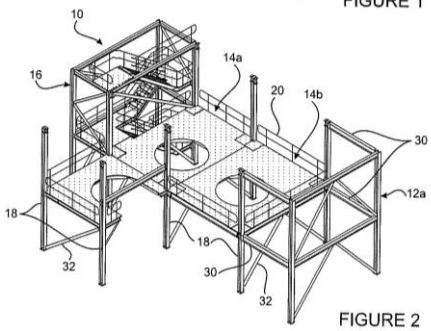


FIGURE 2

21: 2019/07241. 22: 2019/10/31. 43: 2020/11/20
51: B65G
71: LYCOPODIUM MINERALS PTY LTD
72: RUGGIERO, Bruno
33: AU 31: 2018904729 32: 2018-12-12
54: ADJUSTABLE CHUTE
00: -
An adjustable chute 10 for a conveyor system is described. The chute 10 comprises side walls 12 for directing material in a downwards direction towards an elongate discharge slot 14 in a lower portion 16 of the chute 10. The chute 10 also comprises adjustable first and second elongate discharge slot side panels 20a and 20b movable to widen or narrow the discharge slot whereby, in use, the trajectory of material exiting the discharge slot can be controlled. Adjustment of the discharge slot 14 enables the material to be directed to load a conveyor belt in such a manner that mis-tracking is minimised or eliminated.

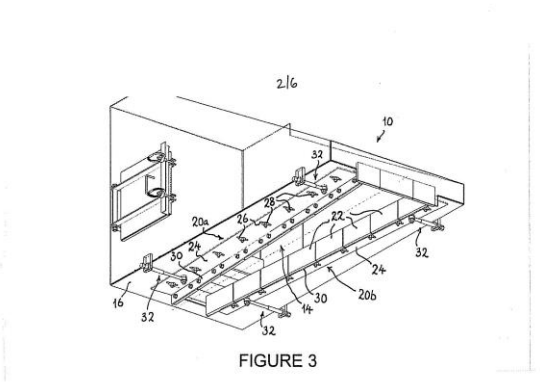


FIGURE 3

21: 2019/07263. 22: 31/10/2019. 43: 2020/09/18
51: B01D
71: GALBIATI, Cristiano
72: GALBIATI, Cristiano
33: IT 31: 102017000042150 32: 2017-04-14
54: HIGH LENGTH ISOTOPES SEPARATION COLUMN AND METHOD FOR ASSEMBLY
00: -
The present invention relates to the field of distillation of isotopes obtained by distillation columns. An object of the present invention is to describe an innovative distillation column which provides significant improvements to the prior art. In particular, the distillation column will be a modular innovatively conceived column having any needed height.

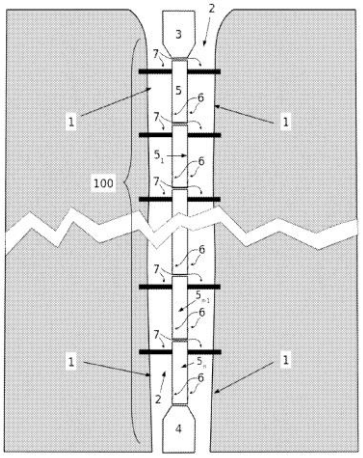
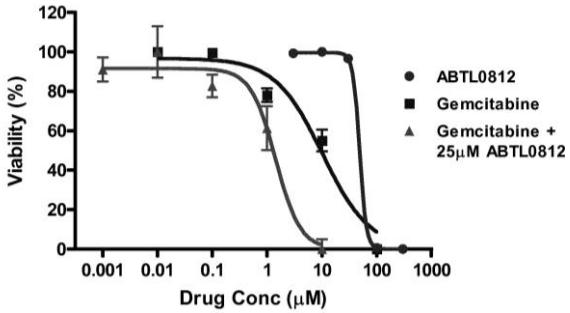


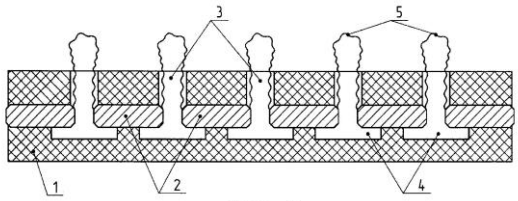
Fig.1

21: 2019/07286. 22: 01/11/2019. 43: 2020/11/06
51: A61K; A61P
71: ABILITY PHARMACEUTICALS S.L.
72: DOMÈNECH GARCIA, Carles, ALBERTO ALFÓN CORIAT, José, PÉREZ MONTOYO, Héctor,

FRANCISCO SEGURA GINARD, Miguel, MIGUEL LIZCANO DE VEGA, Jose
33: EP 31: 17382282.6 32: 2017-05-16
54: A PHARMACEUTICAL COMBINATION FOR THE TREATMENT OF A CANCER
00: -
A pharmaceutical combination comprising (A): a polyunsaturated fatty acid and (B): a chemotherapeutic agent compound for the simultaneous, separate or sequential use in the treatment of a cancer in a human patient.



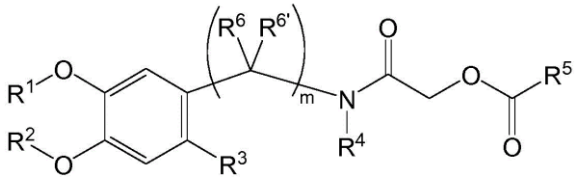
21: 2019/07299. 22: 2019/11/04. 43: 2020/11/20
51: H01T; H02H
71: STREAMER, ELECTRIC COMPANY INC.
72: PODPORKIN, Georgy, Viktorovich
54: ARRESTER WITH PRESSURIZING CHAMBERS
00: -
Proposed is an arrester for protecting elements of electrical equipment or an electric power line against the effects of lightning, comprising an insulating body made of a dielectric material, and five or more electrodes which are mechanically connected to the insulating body and which are arranged such as to allow electrical discharge to form between adjacent electrodes in the event of lightning overvoltage, wherein the electrodes are arranged inside the insulating body and are separated from the surface thereof by a layer of insulation. The adjacent electrodes extend into discharge chambers which have outlets onto the surface of the insulating body. At least some of the discharge chambers are provided with pressure chambers which are disposed around the electrodes and which are connected to the discharge chambers via the discharge gaps between adjacent electrodes. As a result of the invention, a discharge arc is extinguished after the passage of a lightning overvoltage impulse, before a follow current having an industrial frequency crosses zero, substantially immediately after the lightning overvoltage impulse.



Фиг. 1

21: 2019/07406. 22: 2019/11/07. 43: 2020/11/04
51: A61K; A61P; C07C
71: AntalGenics, S.L.
72: DEVESA GINER, Isabel, GENAZZANI, Armando, PIRALI, Tracey, FERNANDEZ CARVAJAL, Asia, FERRER MONTIEL, Antonio Vicente
33: EP(ES) 31: 17382266.9 32: 2017-05-11
54: TRPV1 MODULATOR COMPOUNDS
00: -

The present invention relates to TRPV1 modulator compounds of formula (I) or their pharmaceutically, veterinary or cosmetically acceptable salts, or their stereoisomers or mixtures thereof, wherein m is an integer selected from 1 to 3; R^1, R^2, R^6 and $R^{6'}$ are independently selected from H, (C_1-C_8)alkyl, unsaturated (C_2-C_8)hydrocarbon, and (C_3-C_6)cycloal kyl, being these groups optionally substituted; R^3 is hydrogen or halogen; R^4 is selected from H, (C_1-C_8)alkyl, unsaturated (C_2-C_8)hydrocarbon, (C_3-C_6)cycloalkyl, (C_6-C_{12})aryl, and (C_5-C_{12})heteroaryl, being these groups optionally substituted; and R^5 is selected from (C_3-C_{28})alkyl, unsaturated (C_3-C_{28})hydrocarbon, (C_6-C_{12})aryl, and (C_5-C_{12}) heteroaryl, being these groups optionally substituted. It also relates to a process for their preparation, to pharmaceutical, veterinary or cosmetic compositions containing them, and to their pharmaceutical, veterinary and cosmetic applications.

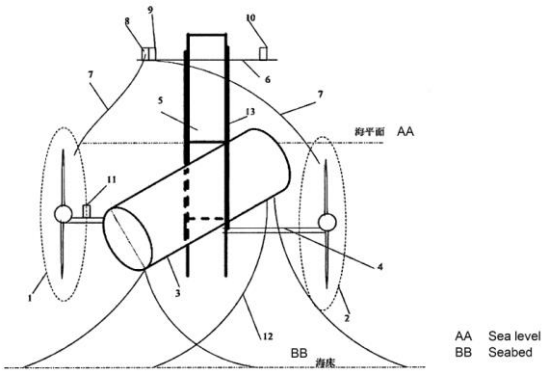


(I)

21: 2019/07425. 22: 08/11/2019. 43: 2020/12/03
51: F03B
71: GUODIAN UNITED POWER TECHNOLOGY COMPANY LTD.
72: CHU, Jingchun, YUAN, Ling, JIA, Fayong, PAN, Lei, WANG, Ting
33: CN 31: 201710576212.8 32: 2017-07-14
54: OCEAN TIDAL CURRENT ENERGY POWER GENERATING SYSTEM

00: -

An ocean tidal current energy power generating system, including a fixing mechanism, an ocean tidal current energy power generator set, and a signal monitoring mechanism. The fixing mechanism includes floating bodies (3), fixing rods (5), horizontal supporting rods (4), and a working platform (6); the floating bodies (3) are fixed to seabed by means of anchor chains (12); the fixing rods (5) are fixed to the floating bodies (3); the horizontal supporting rods (4) and the working platform (6) are respectively fixed to underwater portions of the fixing rods (5) and overwater portions of the fixing rods (5). The power generator set includes underwater assemblies and an overwater assembly. Each underwater assembly includes blades (21), a hub (22), a main shaft (23), a gear box (24), a coupling (25), a power generator (26), a stern cabin and a yawing mechanism (29), successively connected to one another; a variable pitch mechanism is disposed in the hub (22); the yawing mechanism (29) is disposed between the coupling (25) and the horizontal supporting rod (4). The described floating type semi-direct-drive ocean tidal current energy power generating system can be used to safely and reliably convert ocean tidal current energy into electric energy efficiently.

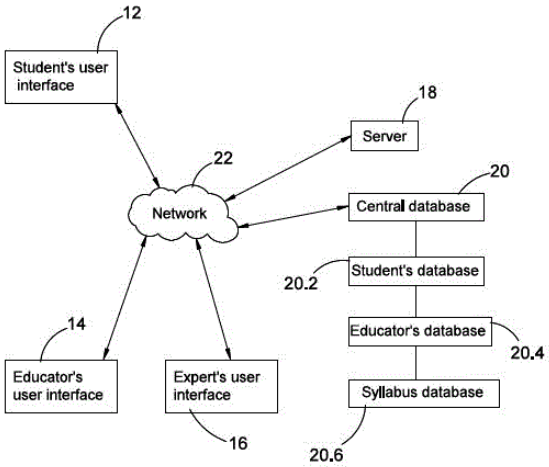


21: 2019/08299. 22: 2019/12/12. 43: 2020/10/28
51: G06Q
71: WESOLVE4X (PTY) LTD.
72: NGOBESE, Tsietsi
33: ZA 31: 2018/03891 32: 2018-12-12

54: SYSTEM AND METHOD OF MANAGING THE DELIVERY OF EDUCATIONAL COURSES TO STUDENTS

00: -

The invention relates to a computer-implemented method of managing the delivery of educational courses to students, the method comprising: providing an educational syllabus database having at least one educational subject for at least one educational level, and each at least one educational subject having various topics which are arranged to be taught on predefined schooling dates; collecting, by at least one processor, details of a subject from at least one of the student's and educator's interface; collecting, by at least one processor, details of an educational level from at least one of the student's and educator's interface; selecting, from the syllabus database, at least one topic which is required to be taught in a predefined period for the subject of an educational level corresponding to the collected details of the subject and educational level specified by one of the student and educator, wherein the predefined period including at least one of a schooling date, a range of schooling dates, a schooling week, a schooling month, and at least one of the days of the weekend; and outputting, for displaying on at least one of a student's and educator's user interfaces, the at least one topic for the subject of the educational level which is required to be delivered in a predefined period. The invention also extends to a system and a memory device containing instructions for executing the method of the invention.



21: 2019/08362. 22: 2019/12/13. 43: 2020/11/04
51: B22C; B22D
71: Foseco International Limited

72: HRABINA, David
33: EP(GB) 31: 17275093.7 32: 2017-06-26
54: CASTING SYSTEM
00: -
Provided is a system for casting molten metals. The system includes a mould comprising a casting cavity having an inlet, and a bore between an upper surface of the mould and the inlet. The system further includes a shroud comprising a funnel and a hollow shaft, wherein the funnel is located outside of the mould, adjacent the upper surface, and the hollow shaft is received within the bore and is moveable therein. A lifting mechanism is located on the upper surface of the mould, the lifting mechanism being operable to lift the funnel of the shroud away from the upper surface for bringing the shroud into engagement with a ladle nozzle. Also provided is a method for casting molten metals using the system.

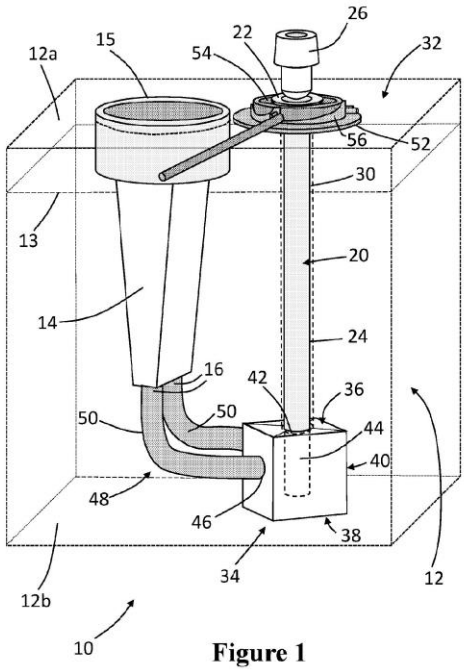


Figure 1

21: 2019/08406. 22: 2019/12/17. 43: 2020/10/27
51: A01K; F42B
71: ALLEN, Robin Vaughan, WILLIAMS, Jeremy Roy
72: ALLEN, Robin Vaughan, WILLIAMS, Jeremy Roy
33: ZA 31: 2017/05858 32: 2017-08-29
54: SPEARS FOR SPEARING FISH
00: -
A spear 10 for spearing fish comprises a spear shaft 12 and a toggle 14. The spear shaft defines a sharpened spear tip 18 and has a locating pin 22 spaced from the tip at an upper side of the spear shaft, which is received in a locating slot 40 defined in the toggle for locating the toggle on the spear shaft. The toggle comprises a thin-walled toggle body 34 which is shaped to conform to the profile of the spear shaft. A leading end of the toggle abuts a pair of stop pins 28 which extend radially outwardly from opposite sides of the spear shaft when the toggle is seated on the spear shaft. The spear includes an attachment cord 26 attaching the toggle to the spear shaft. After the spear penetrates a fish, the toggle decouples from the spear shaft preventing separation of the fish from the spear.

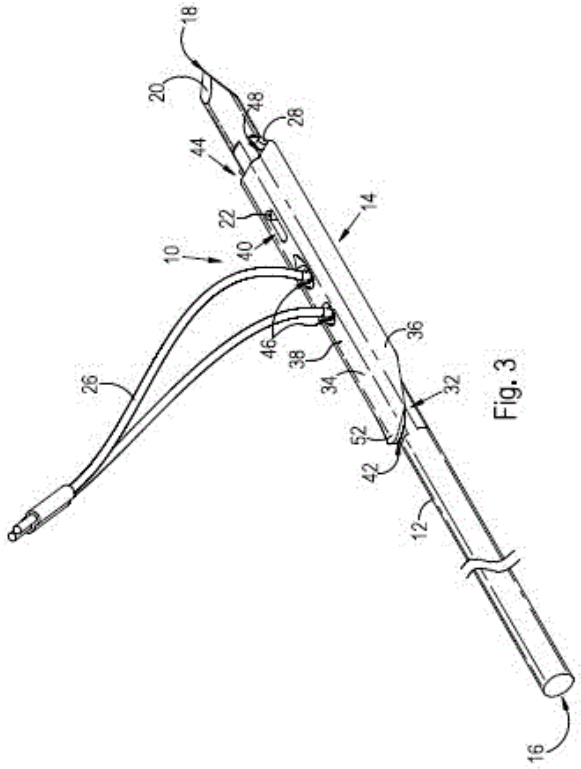


Fig. 3

21: 2019/08441. 22: 2019/12/18. 43: 2020/10/28
51: G06F; G06Q
71: Chengdu Qianniucao Information Technology Co., Ltd.
72: CHEN, Dazhi
33: CN 31: 201710369528.X 32: 2017-05-23

54: METHOD FOR SETTING UP APPROVAL ROLE ACCORDING TO DEPARTMENT BY APPROVAL NODE IN WORKFLOW

00: -

Disclosed in the present invention is a method for setting up an approval role according to a department by an approval node in a workflow. The method comprises: creating departments and roles comprised in an organizational structure of a system; setting up a department head role of each department; displaying candidate departments when an approval node in the workflow is set; and selecting one or more departments from the candidate departments, so that the department head role of the department serves as the approval role of the approval node. In the present invention, a system workflow setup person only needs to select a corresponding department when setting up an approval role, then the department head role of the department serves as the approval role. Even through the department head role of the department is changed, a current department head role of the department serves as the approval role, and the approval role does not need to be reset up, and accordingly, the operations are convenient and rapid, and errors are unlikely to occur. The subject of an approval operation in a workflow is a role, and the role is a separate individual. Even through an employee/user is changed, a new employee just needs to be reassociated with a role in the approval process; and the settings are convenient.

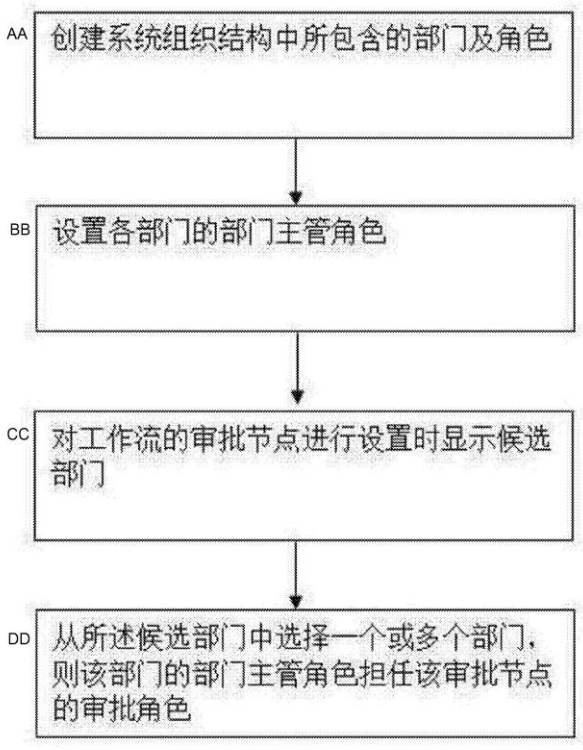


图 4

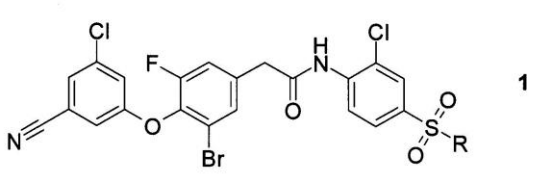
AA Create departments and roles comprised in an organizational structure of a system
BB Set up a department head role of each department
CC Display candidate departments when an approval node in the workflow is set
DD Select one or more departments from the candidate departments, so that the department head role of the department serves as the approval role of the approval node

21: 2019/08480. 22: 2019/12/19. 43: 2020/10/28
51: A61K; A61P; B82Y
71: IVACHTCHENKO, Alexandre Vasilievich, IVASHCHENKO, Andrey Alexandrovich, SAVCHUK, Nikolay Filippovich, IVACHTCHENKO, Alena Alexandrovna, Alla Chem, LLC
72: KHVAT, Alexander Viktorovich, IVASHCHENKO, Andrey Alexandrovich, SAVCHUK, Nikolay Filippovich
33: RU 31: 2017122003 32: 2017-06-22

54: PHARMACEUTICAL NANOSUSPENSION FOR THE THERAPY OF HIV INFECTION

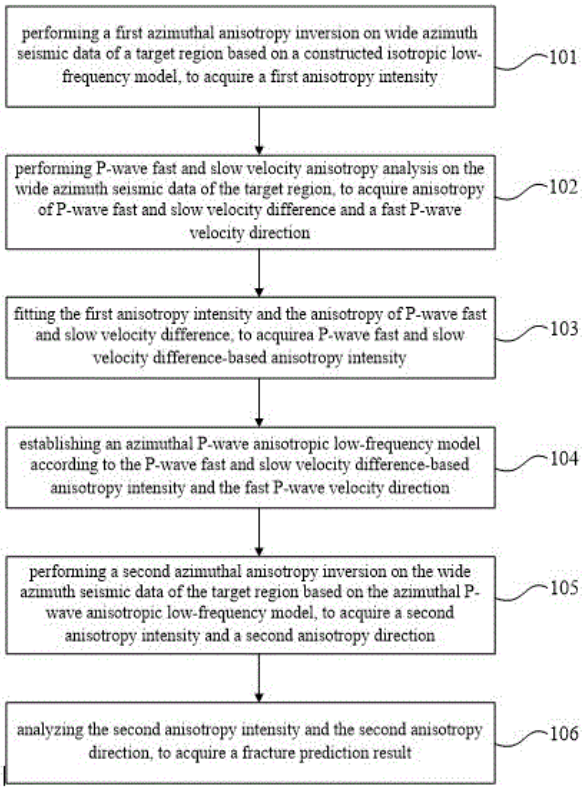
00: -

The present invention relates to a pharmaceutical composition (nanosuspension) for a long-acting injectable (LAI) drug for the long-term maintenance therapy of HIV/AIDS. A pharmaceutical nanosuspension for use as an injectable drug for the long-term maintenance therapy of HIV infection is claimed, comprising a composition that contains, as an active ingredient, a compound of general formula 1 in crystalline or polycrystalline form, in which R is $C_2H_5CON\text{-}Na^+$, NH_2.



1

21: 2020/00008. 22: 2020/01/02. 43: 2020/11/06
51: G01V
71: PETROCHINA COMPANY LIMITED
72: GUO, TONGCUI, WANG, HONGJUN, MA, WENJI, JI, YINGZHANG, LI, HAOCHEN
33: CN 31: 201910001147.5 32: 2019-01-02
54: HIGH-ANGLE FRACTURE PREDICTION METHOD, COMPUTER DEVICE AND COMPUTER-READABLE STORAGE MEDIUM
00: -
A high-angle fracture prediction method, a computer device and a computer-readable storage medium, comprising: performing a first azimuthal anisotropy inversion on wide azimuth seismic data based on a constructed isotropic low-frequency model, to acquire a first anisotropy intensity; performing P-wave fast and slow velocity anisotropy analysis, to acquire anisotropy of P-wave fast and slow velocity difference and a fast P-wave velocity direction; fitting the first anisotropy intensity and the anisotropy of P-wave fast and slow velocity difference, to acquire a P-wave fast and slow velocity difference-based anisotropy intensity; establishing an azimuthal P-wave anisotropic low-frequency model according to the P-wave fast and slow velocity difference-based anisotropy intensity and the fast P-wave velocity direction; performing a second azimuthal anisotropy inversion on the wide azimuth seismic data based on the azimuthal P-wave anisotropic low-frequency model, to acquire a second anisotropy intensity and a second anisotropy direction; analyzing the second anisotropy intensity and the second anisotropy direction, to acquire a fracture prediction result. This solution solves the technical problem of the prior art that it is impossible to provide a reasonable low-frequency model in the process of anisotropy inversion fracture prediction.



21: 2020/00016. 22: 02/01/2020. 43: 2020/11/06
51: F16G
71: NEW MOTION LABS LTD.
72: FOWLER, Marcel
33: GB 31: 1711342.4 32: 2017-07-13
33: GB 31: 1715782.7 32: 2017-09-28
33: GB 31: 1717436.8 32: 2017-10-24
54: POWER TRANSMISSION CHAIN
00: -
A power transmission chain (2) for use with a drive member (4) having a plurality of teeth (6), and where: (i) the power transmission chain (2) inclus a plurality of chain links (8) which are pivotally connected together by connecting members (9) and pivot arrangements (10) so that the power transmission chain (2) can pass around the drive member (4) in use; (ii) each one of the pivot arrangements (10) understood first and second pivots (12, 14) which extend towards each other from opposite sides (16, 18) of the chain links (8); (iii) the first and second pivots (12, 14) have adjacent ends (20, 22) which face each other and which are spaced apart; (iv) the power transmission chain (2) inclus a plurality of engaging formations (24) for enabling engagement with the drive member

(4); (v) the engaging formations (24) are positioned between the adjacent ends (20, 22) of the first and second pivots (12, 14); and the engaging formations (24) and the spacing apart of the adjacent ends (20, 22) of the first and second pivots (12, 14) cause the power transmission chain (2) in use always to be positioned on the drive member (4) for maximum efficiency of drive transfer between the drive member (4) and the power transmission chain (2), and irrespective of the diameter of the drive member (4).

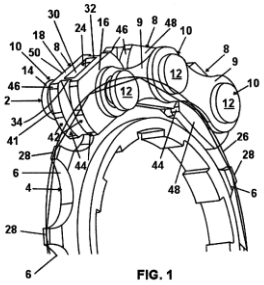


FIG. 1

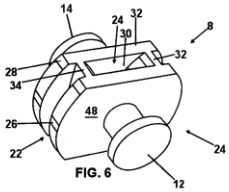


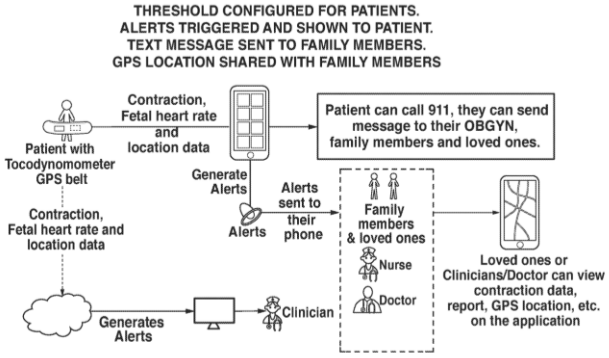
FIG. 6

21: 2020/00019. 22: 02/01/2020. 43: 2020/11/06
51: A41D
71: SHAH, Riya H.
72: SHAH, Riya H.
33: US 31: 62/517,986 32: 2017-06-11
33: US 31: 15/785,457 32: 2017-10-17

54: TOCODYNAMOMETER GPS ALERT SYSTEM

00: -

The present development is a device for monitoring uterine activity and sending an alert signal through a wireless communication means when uterine activity significantly changes relative to a preset standard. The device, which comprises at least one sensor, is intended to continuously monitor a prescribed activity, such as uterine contractions. The information gathered by the sensors is fed to a computer application for comparison to preset values and, if the gathered information falls outside of the range of the preset values, feeds a signal to a second application designed to send out notifications to preprogrammed devices indicating the physical location of the source data, or where the pregnant patient is located.

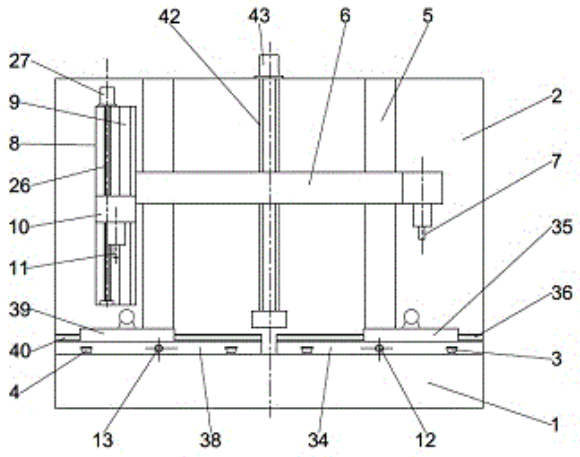


21: 2020/00038. 22: 2020/01/03. 43: 2020/11/06
51: B23Q
71: CHONGQING UNIVERSITY OF ARTS AND SCIENCES
72: OU, HANWEN
33: CN 31: 201910013289.3 32: 2019-01-07

54: PROPORTIONAL COPYING DEVICE

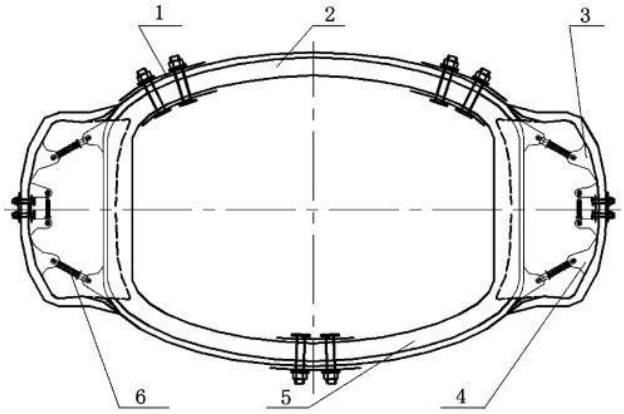
00: -

The present invention discloses a proportional copying device which comprises a base, wherein a rear side of the base is provided with a back plate; and a copying table mechanism and a machining table mechanism are arranged on the base, and a linkage mechanism is arranged above the copying table mechanism and the machining table mechanism on the back plate; and also comprises a linkage drive mechanism for controlling a copying table and a machining table to conduct linkage motion respectively along a first copying sliding rail and a first machining sliding rail. The linkage drive mechanism comprises a copying lead screw and a machining lead screw. A copying smooth section is arranged on a rear end of the copying lead screw. A copying pulley synchronously rotated therewith is arranged on the copying smooth section. A machining smooth section is arranged on a rear end of the machining lead screw. Machining pulleys are correspondingly arranged on the machining smooth section and the copying pulley. The machining pulley comprises a fixed disc and a slide disc corresponding to the fixed disc. The slide disc is sleeved on the machining smooth section in a sliding fit manner of a single degree of freedom, and a flexible force mechanism for applying the axial force towards the fixed disc to the slide disc is arranged on the machining smooth section.



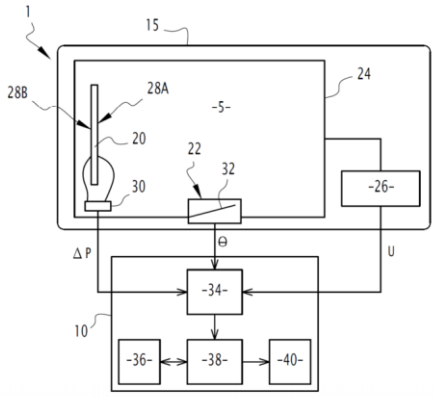
21: 2020/00128. 22: 2020/01/08. 43: 2020/11/06
51: A61K
71: Laboratorios Salvat, S.A.
72: SANAGUSTIN AQUILUE, Javier, LENDÍNEZ GRIS, María Del Carmen, DELGADO GAÑÁN, Maria Isabel
33: EP(ES) 31: 17382393.1 32: 2017-06-23
54: AN OIL-IN-WATER NANOEMULSION COMPOSITION OF CLOBETASOL
00: -
It relates to an oil-in-water nanoemulsion composition having a continuous aqueous phase and dispersed oil droplets, wherein the nanoemulsion comprises: (a) clobetasol;(b) one or more oil components; and (c) one or more surfactants; together with one or more pharmaceutically acceptable excipients or carriers wherein: the osmolality of the nanoemulsion is comprised from 100 mOsm/Kg to 500 mOsm/Kg; the droplet average size measured by Dynamic light scattering is comprised from 1 nm to 500 nm; the weight ratio between the oil components and the sum of the oil components and one or more surfactants is comprised from 0.001 to 0.5; the weight ratio between the oil component and clobetasol is comprised from 1 :1 to 200:1; and the weight ratio between the surfactant and clobetasol is comprised from 2:1 to 200:1. It also relates to processes for its preparation, its use as a medicament, and in the prophylaxis and/or treatment of inflammatory diseases or conditions.

21: 2020/00135. 22: 2020/01/08. 43: 2020/11/11
51: E21D; F16F
71: ANHUI UNIVERSITY OF SCIENCE AND TECHNOLOGY
72: Ruofei ZHANG, Guangming ZHAO, Xiangrui MENG, Yingming LI, Zenghui LIU, Siming KAO
33: CN 31: 201910482259.7 32: 2019-06-04
54: ANTI-IMPACT FULL-SECTION ADJUSTABLE SELF-BALANCING MINE SUPPORTING APPARATUS
00: -
The present invention discloses an anti-impact full-section adjustable self-balancing mine support apparatus, including an X-axis direction component and a Y-axis direction component configured to bear acting force, and a hydraulic shock insulation force transfer elastic component arranged between the X-axis direction component and the Y-axis direction component, where the Y-axis direction component is arranged bilaterally symmetrically along the X-axis direction component, and is connected to the X-axis direction component through the hydraulic shock insulation force transfer elastic component to form a support structure; and when the X-axis direction component bears acting force, the acting force is applied to the Y-axis direction component through the hydraulic shock insulation force transfer elastic component, and when the Y-axis direction component bears acting force, the acting force is applied to the X-axis direction component through the hydraulic shock insulation force transfer elastic component.



21: 2020/00136. 22: 2020/01/09. 43: 2020/11/11
51: F24F
71: ALSTOM TRANSPORT TECHNOLOGIES
72: STAINO, Andrea, ABOU-EID, Rami
33: FR 31: 19 00196 32: 2019-01-09
54: METHOD FOR EVALUATING A CLOGGING LEVEL OF AN AIR FILTER IN AN HVAC UNIT

00: -
A method for evaluating a clogging level of an air filter (20) of an HVAC unit (5), comprising: - acquiring a first plurality of parameters (P) representative of a pressure loss between two sides (28A, 28B) of the filter, - calculating a second plurality of parameters, each being representative of an average of the parameters over time, - obtaining scenarios representing future operating conditions of the unit, - obtaining a parameter representative of a maximum authorized pressure loss between the sides of the filter, - calculating a third plurality of parameters representing a future evolution of the pressure loss, and - using the third parametersi, calculating the clogging level of the filter in the form of a likely residual lifetime of the filter, or of a likelihood that, at the end of a given length of time, the pressure loss will reach the maximum authorized pressure loss. The invention also relates to a corresponding installation.



21: 2020/00138. 22: 2020/01/09. 43: 2020/11/11
51: B65D; A45D
71: SEHLOGO, ABRAM ITUMELENG
72: SEHLOGO, ABRAM ITUMELENG
33: ZA 31: 2019/04669 32: 2019-07-15
54: CONTAINER FOR DISPENSING MULTIPLE PRODUCTS
00: -
This invention concerns a container for dispensing multiple personal care products. The container has a first receptacle for containing a first product and a first applicator means associated with the first receptacle for applying the first product to a user. The container further has a second receptacle for containing a second product and a second applicator means associated with the second receptacle for applying the second product to a user. The first receptacle and second receptacle may carry complementary shaped connecting means for connecting the first and second receptacles releasably to one another.

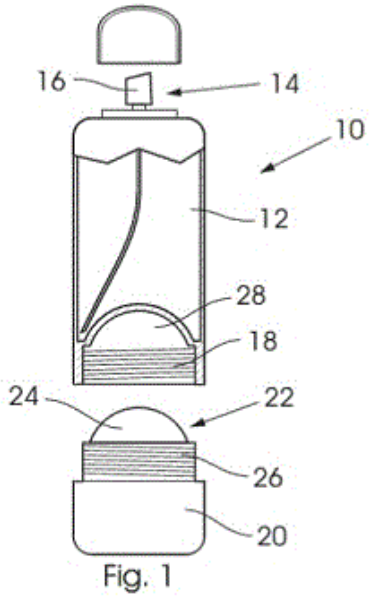
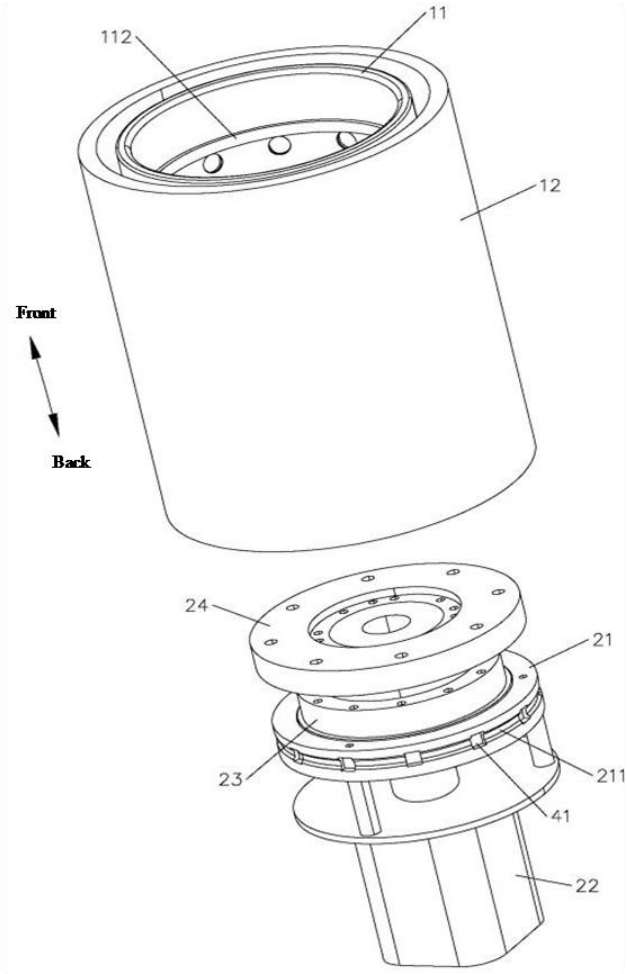


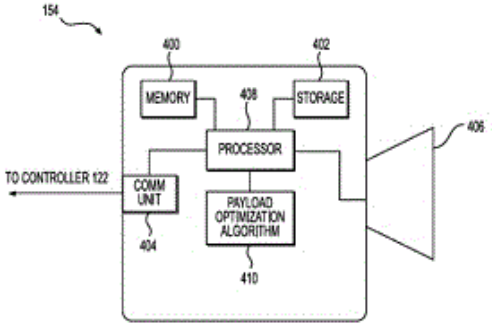
Fig. 1

21: 2020/00140. 22: 2020/01/09. 43: 2020/11/11
51: B25J
71: UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA, ZHONGSHAN INSTITUTE
72: Xianfeng ZHANG
33: CN 31: 201910072040.X 32: 2019-01-24
54: JOINT DEVICE CONVENIENT TO ASSEMBLE AND DISASSEMBLE
00: -
The present invention discloses a joint device convenient to assemble and disassemble, which includes a base and a motion module. A cavity for allowing insertion of the motion module is formed in the base, and the motion module is mounted in the cavity through an unlockable connecting structure. Specifically, the connecting structure includes clamping holes formed in a side wall of the motion module, limiting holes formed in the base and an elastic pushing-pressing structure arranged on the base, and the limiting holes communicate with the cavity. Limiting members are arranged in the limiting holes, and the elastic pushing-pressing structure can push and press the limiting members such that the

limiting members can be placed in the clamping holes as well as the limiting holes.



21: 2020/00141. 22: 2020/01/09. 43: 2020/11/26
51: B60K, B60W and G01B
71: CATERPILLAR INC.
72: HA, CHRISTOPHER, MATHEW, SHAWN N, LIU, YANG, WANG, QI
33: US 31: 16/245,829 32: 2019-01-11
54: OPTIMIZING LOADING OF A PAYLOAD CARRIER OF A MACHINE
00: -
A method for loading a payload carrier of a machine includes receiving, from a camera on the machine, a two-dimensional image of an interior of the payload carrier as material is loaded into the payload carrier. The method further includes filtering the image to identify a contour of the loaded material and determining an area of the contour. The method further includes controlling a display device indicate the determined area.



21: 2020/00142. 22: 09/01/2020. 43: 2020/11/11
51: C10G
71: LUMMUS TECHNOLOGY LLC
72: SUNDARAM, Kandasamy Meenakshi, VENNER, Ronald M.
33: US 31: 62/534,101 32: 2017-07-18
54: INTEGRATED THERMAL CRACKING AND DEHYDROGENATION PROCESS FOR OLEFIN PRODUCTION
00: -
Embodiments disclosed herein relate to systems and processes for producing olefins and/or dienes. The systems and processes may include thermally cracking a C1-C4 hydrocarbon containing feed to produce a cracked hydrocarbon effluent containing a mixture of olefins and paraffins. The systems and processes may also include dehydrogenating the cracked hydrocarbon effluent to produce a dehydrogenated hydrocarbon effluent containing additional olefins and/or dienes.

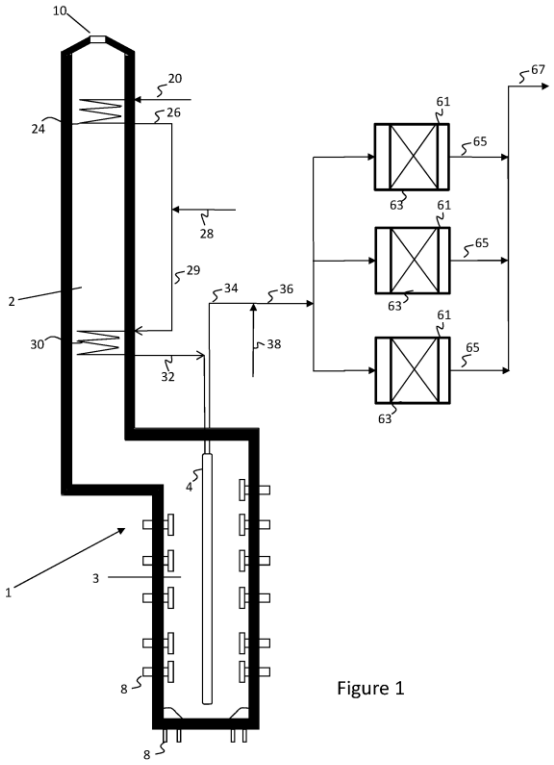


Figure 1

21: 2020/00149. 22: 09/01/2020. 43: 2020/11/11
51: A61B
71: STRAIT ACCESS TECHNOLOGIES HOLDINGS (PTY) LTD
72: COUSINS, Michael Alan, ROWSELL, Gary Steven, PERUMALL, Preyen Agasthian, JARMAN, Jeremy Douglas, MUDGE, Edward Charles, HENCHIE, Travis Foster, COOMBES, Heather Madeleine, ZILLA, Peter Paul, BEZUIDENHOUT, Deon
33: GB 31: GB1709509.2 32: 2017-06-15
54: VALVE LEAFLET CONNECTING DEVICE
00: -
A valve leaflet connecting device includes: a base; and first and second followers extending from the base. A first arm extends from the first follower in a direction away from the second follower and away from the base to define an acute angle between the first follower and first arm for capturing a first leaflet there between. A second arm extends from the second follower in a direction away from the first follower and away from the base to define an acute angle between the second follower and second arm for capturing a second leaflet there between, The first and second followers are resiliently deformable between: (i) an open condition, in which: the point from which the first arm extends from the first follower; and the point from which the second arm extends from the second follower, are spaced more than 15mm; and (ii) a closed condition, in which: the point from which the first arm extends from the first follower; and the point from which the second arm extends from the second follower, are spaced less than 5mm. Deforming means deform the followers towards the closed condition. A positioner extends from the base, between the first and second followers, and a fastener releasably secured to the positioner, includes first and second fastener jaws. The first and second jaws: extend away from the base; and are movable between: (i) a splayed condition in which leaflets may be received between the first and second fastener jaws; and (ii) a securing condition in which the first and second fastener jaws secure the leaflets there between.

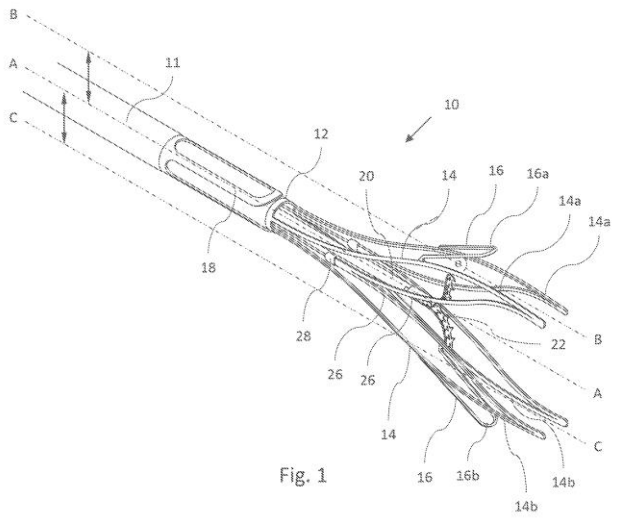


Fig. 1

21: 2020/00158. 22: 09/01/2020. 43: 2020/11/26
51: A23N; B65G
71: CRESCENZO, Biagio
72: CRESCENZO, Biagio
33: IT 31: 102017000068033 32: 2017-06-19
54: METHOD AND APPARATUS FOR RECOGNIZING FRUIT ORIENTATION
00: -
A process for recognizing the orientation of a fruit (F), having a central axis of symmetry passing through the concave parts of the fruit (F), comprises an initial measurement step in which the measuring instrument measures its distance from the sample fruit (Fo), an individual measurement step of each fruit (F) to be treated travelling on the fruit multiple

lanes tape (7), a comparison step in which the distance measured in the individual measurement step of each fruit (F) to be treated is compared with the distances measured in the initial measurement step of the sample fruit (Fo), in order to assess whether the distance measured in the individual measurement step is that one of a concave part of the fruit (F) or that one of a convex part of the fruit (F), and a check step that determines that the fruit (F) is correctly oriented or not. An apparatus that embodies this method is also described.

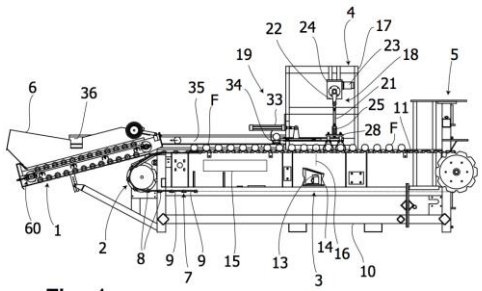


Fig. 1

21: 2020/00170. 22: 2020/01/10. 43: 2020/11/11
51: G09F
71: JEVENS DESIGN LIMITED T/A THE HANGER COMPANY
72: JEVENS, Paul
33: IE 31: S2017/0128 32: 2017-06-13
54: SECURITY TAG
00: -
A security tag (100) for attachment to an item comprises a pair of flat panels (102, 104) joined together by a flexible hinge (106). Each panel (103, 104) has an inner surface and an outer surface. The panels are foldable about the flexible hinge with the inner surfaces of the panels abutting each other. One panel has a retainer (112) for a flexible tie of plastics material and the other panel has an orifice (116) in alignment with the retainer (112). The security tag (100) can only be removed by breaking the plastics tie.

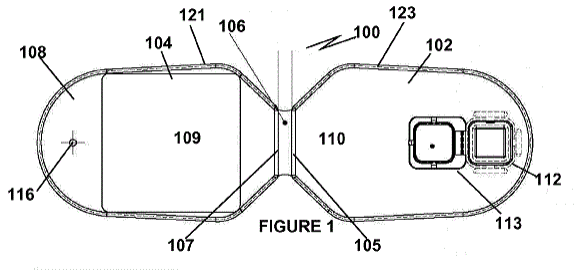


FIGURE 1

21: 2020/00188. 22: 2020/01/10. 43: 2020/11/11
51: H04N
71: Huawei Technologies Co., Ltd.
72: GAO, Han, ZHAO, Zhijie, ESENLIK, Semih, KOTRA, Anand Meher, LIU, Shan
54: IMPROVEMENT ON BOUNDARY FORCED PARTITION
00: -
The present invention relates to partitioning of an image or an image slice. In particular, the image or image slice is split into an integer number of coding tree units in both vertical and horizontal directions. The remaining boundary portion is then at least partly forced-split so that the deepest partitioning level is a result of binary partitioning, i.e. includes a coding unit which is longer on one side than on the other side. The longer side is parallel or concurrent to the image or image slice boundary.

21: 2020/00192. 22: 2020/01/10. 43: 2020/11/11
51: G06F
71: Chengdu Qianniucao Information Technology Co., Ltd.
72: CHEN, Dazhi
33: CN 31: 201710571694.8 32: 2017-07-13
54: ROLE ACQUISITION-BASED METHOD FOR AUTHORIZING FORM DATA
00: -
Disclosed in the present invention is a role acquisition-based method for authorizing form data, comprising: selecting one or more authorized objects; selecting a form, and displaying authorized fields that are used to search form data; displaying all the roles in a system, and defining roles that are required for searching form data as target roles, and selecting a target object for each target role respectively, the target object being a current object, a historical object or all of the objects; defining a limiting value consisting of a target role, as well as a user or staff member in the target object thereof; acquiring, for each target role of each authorized

field, a form data set in which a field value of an authorized field in the form comprises any limiting value of the target role respectively, and performing operation permission authorization for the set. The present invention achieves the dynamic authorization of form data, and relevant permissions may be adjusted automatically when staff members resign, change positions or are on-boarded, thus reducing the workload for authorization operations while errors will not easily occur.

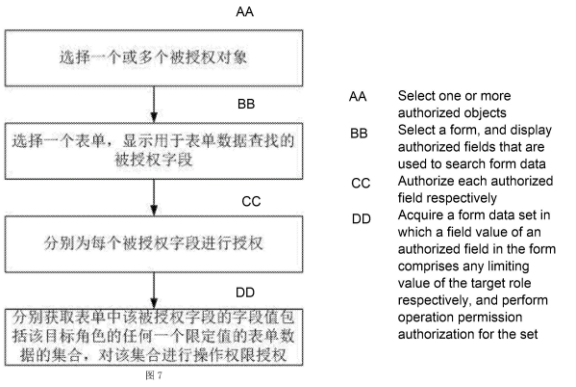


图 7

21: 2020/00205. 22: 2020/01/13. 43: 2020/11/26
51: B62D
71: Caterpillar Inc.
72: MATE, Edward W., CONNOLLY, John R.
33: US 31: 16/247,056 32: 2019-01-14
54: HYDRAULIC STEERING CONTROL SYSTEM
00: -
An autonomous steering control unit for a hydraulic steering control system has a pilot selector valve, primary and secondary electro-hydraulic (EH) steering valves, and an output selector valve. In a primary autonomous steering mode, the primary EH steering valve operates to output pilot fluid from the pilot selector valve through the output selector valve to the steering control system to control steering of a work machine while the pilot selector valve and the output selector valve isolate the secondary EH steering valve from the steering control system. In a secondary autonomous steering mode, the secondary EH steering valve operates to output pilot fluid through the output selector valve to the steering control system while the primary EH steering valve is isolated from the steering control system. In alternative embodiments, a load sense selector valve alternately connects an dynamic load sense line to the operative steering valve.

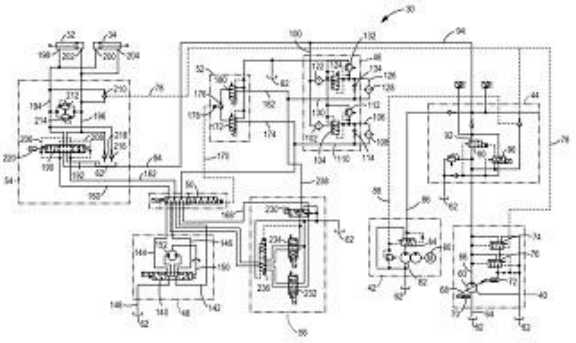
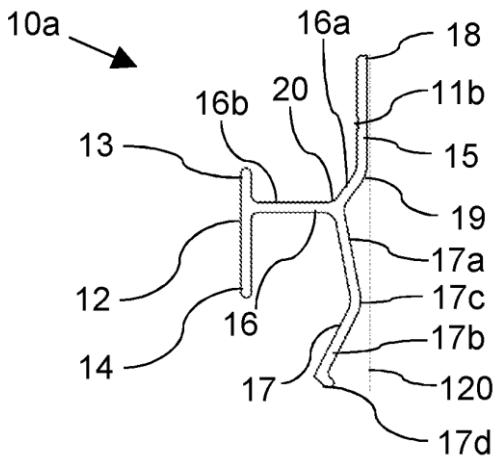
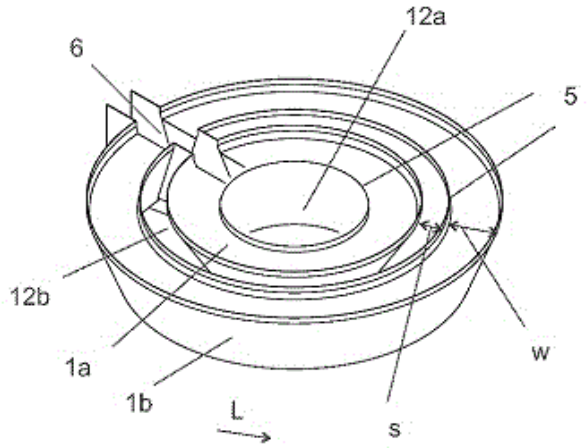


FIG. 2

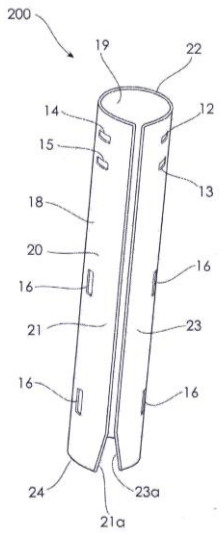
21: 2020/00227. 22: 13/01/2020. 43: 2020/11/26
51: E04F
71: ASH & LACY HOLDINGS LIMITED
72: EVANS, Jonathan
33: GB 31: 1709829.4 32: 2017-06-20
54: MOUNTING RAIL
00: -
A mounting rail for mounting tiles to a backing system of a building wall structure comprises a tile support linked with a back-fixing rail via a tile-support carrier. The tile- support carrier comprises an acoustic damper between the tile support and the back- fixing rail. This impedes the transmission of acoustic energy from the tiles to the backing system, and so improves the acoustic insolation while the mechanical stiffness ofthe tile-support carrying arm is maintained. The acoustic damper may be provided in the form of one or more angled bends, apertures, an obtusely angled connection of the tile-support carrier to the back-fixing rail or a connection of the tile-support carrier at an upper or lower end of the back-fixing rail, or combinations of two or more of these features.



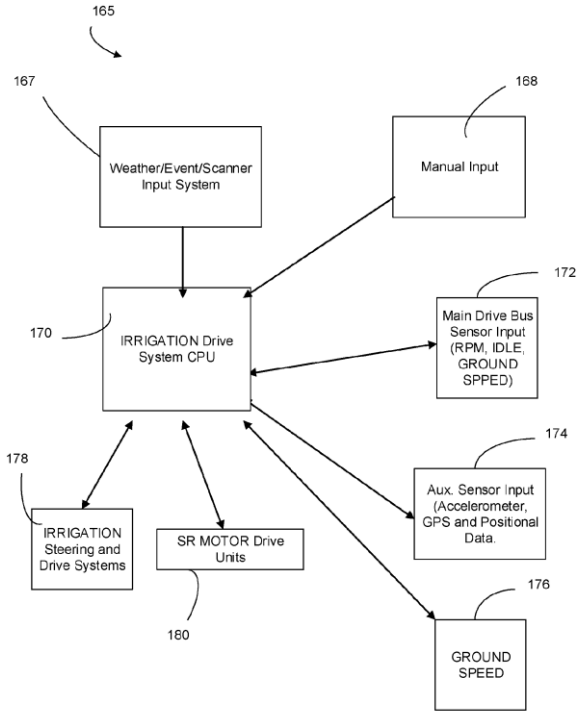
21: 2020/00237. 22: 14/01/2020. 43: 2020/11/25
51: B03D
71: OUTOTEC (FINLAND) OY
72: TATU MIETTINEN, RODRIGO GRAU, ALEJANDRO YANEZ, ZAKARIA MÖNKÄRE, JERE TUOMINEN
54: A FROTH COLLECTION LAUNDER
00: -
A froth collection launder for a collection of froth from a mineral flotation, the froth collection launder (1,1a-c) comprising a first (7a) and a second sidewall (7b) which are joined to form a bottom (8) comprising a tip (9) extending along the bottom (8), the first sidewall (7a) comprising a first end (10a) and the second sidewall (7b) comprising a second end (10b) at their open ends, at least one of the first and the second ends (10a, 10b) comprises a froth overflow lip (5), and when the froth collection launder (1, 1a-c) is positioned at its operation position a centre line (11) is located in the middle of the first (10a) and the second end (10b) in the cross direction (x) of the froth collection launder (1,1a-c).The tip (9) is located between the centre line (11) and one of the first and the second end (10a, 10b) in the cross direction (x) of the froth collection launder (1,1a-c) and the tip (9) forms the lowest point of the froth collection launder (1,1a-c).



21: 2020/00246. 22: 14/01/2020. 43: 2020/11/26
51: F24D
71: TBS MINING SOLUTIONS PTY LTD
72: PATCHING, Gregory
33: AU 31: 2017902834 32: 2017-07-19
33: AU 31: 2017903102 32: 2017-08-04
33: AU 31: 2017903341 32: 2017-08-18
33: AU 31: 2017904880 32: 2017-12-04
54: A METHOD AND APPARATUS FOR PREVENTING ROCK FRAGMENTS FROM ENTERING OR COLLAPSING INTO A BLAST HOLE
00: -
The invention provides an apparatus and method for preventing surrounding loose rock fragments from falling or collapsing into a blast hole. The apparatus includes a flexible sheet including a pair of spaced apart longitudinally extending side edges and a pair of spaced apart laterally extending end edges. The sheet has a curved form defining a longitudinal passage extending between openings at longitudinally opposite ends, one end of the curved sheet being insertable into the open end of a blast hole whereby the curved sheet closely faces an internal surface of the blast hole and forms a barrier preventing surrounding loose rock fragments from falling or collapsing into the open end of the blast hole. The invention also provides a bench blasting method and a deployment device for deploying the apparatus into a blast hole.



21: 2020/00269. 22: 15/01/2020. 43: 2020/11/25
51: G06F
71: VALMONT INDUSTRIES, INC.
72: KASTL, John
33: US 31: 62/543,463 32: 2017-08-10
54: SYSTEM AND METHOD FOR VARIABLE RATE, HIGH SPEED IRRIGATION CONTROL
00: -
The present invention provides a system and method which combines sensor inputs, control systems, field mapping, motor controls, and high speed and variable speed motor designs within an irrigation machine. According to a preferred embodiment, the present invention provides systems which are capable of full torque operation, even at speeds less than the rated speed of the motor. According to further preferred embodiments, the present invention utilizes a combination of motor types including Switch Reluctance, DC Permanent Magnet and AC Permanent Magnet motors in combination with Variable Frequency Drives.



21: 2020/00305. 22: 16/01/2020. 43: 2020/11/26
51: B60T
71: New York Air Brake, LLC
72: WRIGHT, Eric C
33: US 31: 15/677,403 32: 2017-08-15
54: DEICING SYSTEM FOR AIR COMPRESSOR AFTERCOOLER
00: -
A compressor deicing system having an intercooler deicer valve (26) and an after cooler deicer valve (28) for selectively open and closing the first stage unloader (18) and the second stage unloader (28) so that high temperature air will deice the intercooler and aftercooler. When the first stage unloader is closed and the second stage unloader is open, the first stage temperatures will increase and the resulting high-temperature first stage air will thaw any ice accumulated in the intercooler. When the first stage unloader is open and the second stage unloader is closed, the second stage temperatures will increase and the resulting high-temperature second stage air will thaw any ice accumulated in the aftercooler.

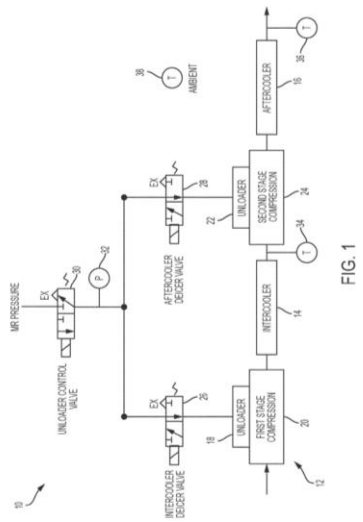
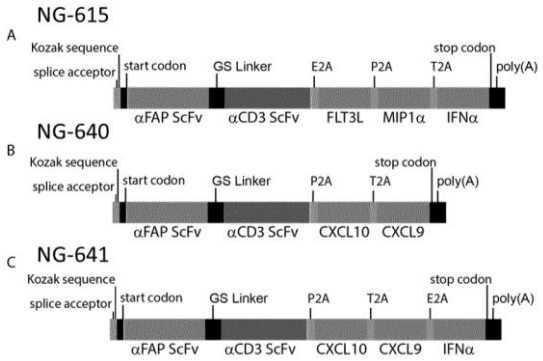


FIG. 1

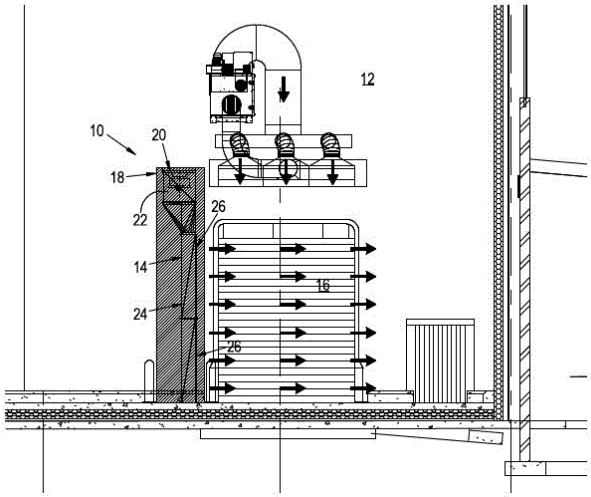
21: 2020/00388. 22: 20/01/2020. 43: 2020/11/12
51: A61K; C07K; C12N; A61P
71: PSIOXUS THERAPEUTICS LIMITED
72: CHAMPION, Brian, BROMLEY, Alice, Claire, Noel
33: WO 31: PCT/EP2017/071655 32: 2017-08-29
33: WO 31: PCT/EP2017/071674 32: 2017-08-29
33: GB 31: 1713765.4 32: 2017-08-28
54: ADENOVIRUS ARMED WITH BISPECIFIC T CELL ENGAGER (BITE)
00: -

An adenovirus comprising a sequence of formula (I) 5'ITR-B_1-B_A-B_2-B_X-B_B-B_Y-B_3-3'ITR wherein By comprises a transgene cassette containing four transgenes, said genes encoding a FAP- BITE, CXLI O, CXL9, and IFN. The disclosure also extends to pharmaceutical composition comprising the virus, and use of the virus or formulation is treatment.



21: 2020/00394. 22: 2020/01/21. 43: 2020/11/17
51: F25D
71: SPECIALISED CLIMATE ENGINEERING (PTY) LTD.
72: ANDERSEN, John Craig
33: ZA 31: 2019/00389 32: 2019-01-21
54: THERMAL BARRIER SYSTEM FOR A COLD STORAGE FACILITY
00: -

A thermal barrier system for a freezer room is disclosed, the system comprising an elongate, vertically extending, self-supporting column adjacent an opening to the freezer room. The column comprises an inlet at the upper end of the column, to receive cold freezer air, comprising a fan to facilitate the suction of the cold freezer air; and a linear diffuser, duct arrangement along the length of the column to deliver the cold freezer air across the opening of the freezer room. In an embodiment, the height of the linear diffuser part of the column corresponds substantially to the height of the freezer room opening, to ensure that the cold freezer air is delivered across the entire opening of the freezer room, from top to bottom.



21: 2020/00524. 22: 2020/01/27. 43: 2020/11/04
51: F16K
71: MAC VALVES, INC.
72: BRETT LANDACRE, MATTHEW NEFF, JEFFREY SIMMONDS
33: US 31: 16/260,741 32: 2019-01-29
54: SOLENOID PUMP
00: -
A solenoid pump that includes a base and a solenoid having a coil and a pole piece. A retainer body, positioned inside the solenoid and the base, includes an armature cavity that receives an armature in a sliding fit for movement between energized and de-energized positions. A diaphragm, mounted in the armature cavity, is connected to the armature. An inlet check valve permits fluid flow in only a first direction moving from an inlet port toward the diaphragm. An outlet check valve permits fluid flow in only a second direction moving from the diaphragm toward an outlet port. A fluid flow path extends through the retainer body from the inlet check valve to the diaphragm and from the diaphragm to the outlet check valve for transporting fluid from the inlet check valve to the outlet check valve as the diaphragm oscillates between first and second positions.

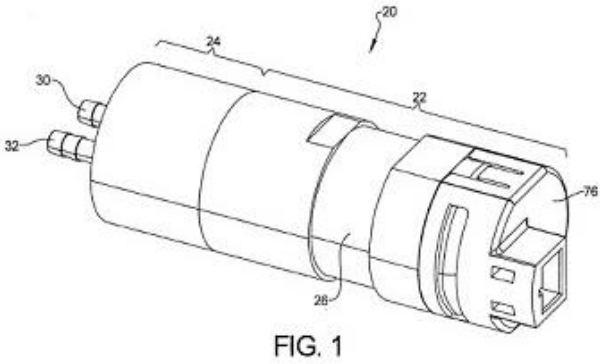


FIG. 1

21: 2020/00525. 22: 2020/01/27. 43: 2020/11/04
51: F16K
71: MAC VALVES, INC.
72: KEVIN C WILLIAMS, DAVID M SOBKA
33: US 31: 16/258,993 32: 2019-01-28
54: PROPORTIONAL FLOW CONTROL VALVE POPPET WITH FLOW CONTROL NEEDLE
00: -
A flow control valve including a valve body, stepper motor, and valve member. The valve member includes a poppet that can slide longitudinally within a bore of the valve body when the stepper motor receives electricity. A diaphragm, extending inwardly from the valve body to the valve member, deflects in response to movement of the valve member. A flow control needle, mounted to the poppet of the valve member, is at least partially received in an outlet port of the valve body. The flow control needle cooperates with an inner surface of the outlet port to define an outlet flow orifice that varies in size when the valve member moves between open and closed positions. In the closed position, a seat engagement surface of the valve member contacts a valve seat of the valve body to create a fluid-tight seal.

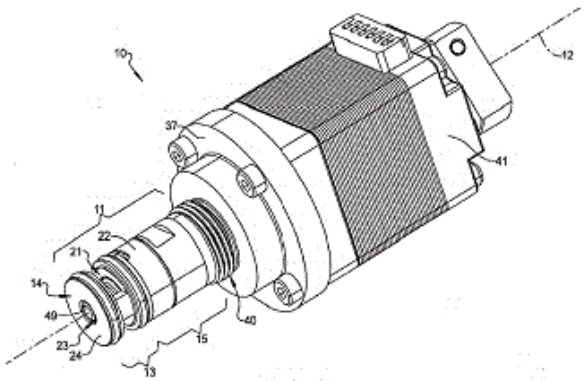
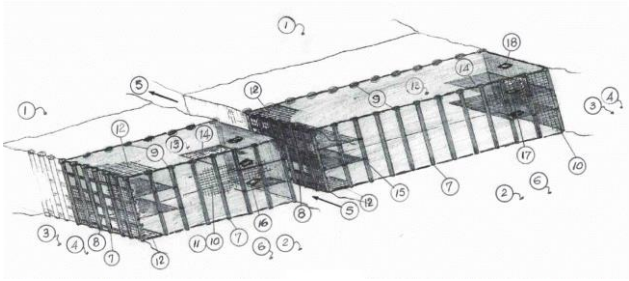


FIG. 1

21: 2020/00576. 22: 2020/01/29. 43: 2020/11/04
51: E21F
71: TITAN MINING (PTY) LTD
72: WHYTE, Shane Rodger
33: ZA 31: 2018/07198 32: 2018-10-29
54: EMERGENCY ESCAPE ARRANGEMENT FOR AN UNDERGROUND BACKFILL SUPPORT SYSTEM
00: -
An emergency escape arrangement for an underground backfill support system is provided, the arrangement comprising a first backfill bag supported against a first support structure and a second backfill bag supported against a second support structure, wherein an escape route is defined between the first and second backfill bags. In an embodiment, the first backfill bag defines an upper bag and the second backfill bag defines a lower bag, with the upper bag being longer than the lower bag. In an embodiment, each support structure is constructed at the bottom end of each backfill bag. In an embodiment, each support structure is constructed from a plurality of closely spaced vertical elongate supports and a plurality of closely spaced horizontal elongate members.



21: 2020/00577. 22: 2020/01/28. 43: 2020/11/04
51: G06F
71: Chengdu Qianniucao Information Technology Co., Ltd.
72: CHEN, Dazhi
33: CN 31: 201710529346.4 32: 2017-07-01
54: ASSOCIATION INFORMATION AUTHORIZATION METHOD FOR FORM
00: -
Disclosed in the present invention is an association information authorization method for a form, comprising: selecting an authorized object; selecting a form, and displaying candidate association information of the form; when there is one authorized object, in the case that the candidate association information items in the candidate association information that are selected and saved when the authorized object is most recently authorized are automatically selected, selecting corresponding candidate association information items from the candidate association information; when there are two or more authorized objects, in the case that none of the candidate association information items in the candidate association information is selected, selecting corresponding candidate association information items from the candidate association information; and saving, after association information authorization of the form is performed on the authorized object, the association information authority of the form of the authorized object. By means of the present invention, two or more authorized objects can be authorized simultaneously, and the association information authorization efficiency of a form of batched authorized objects having completely the same authorities or mostly the same authorities is improved.

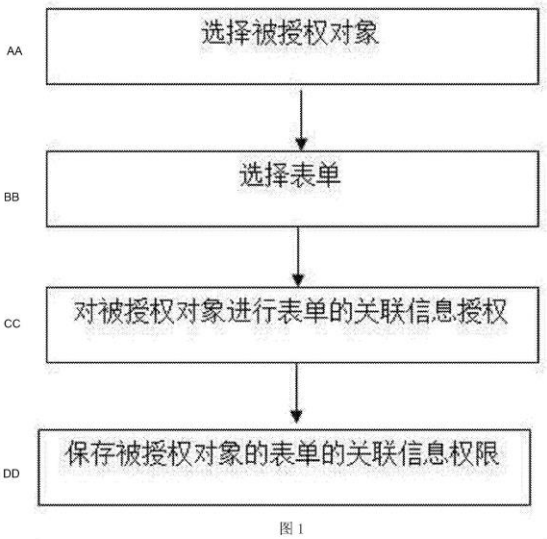


图 1

AA SELECT AN AUTHORIZED OBJECT
BB SELECT A FORM
CC PERFORM ASSOCIATION INFORMATION AUTHORIZATION OF THE FORM ON THE AUTHORIZED OBJECT
DD SAVE THE ASSOCIATION INFORMATION AUTHORITY OF THE FORM OF THE AUTHORIZED OBJECT

21: 2020/00578. 22: 2020/01/28. 43: 2020/11/06
51: G06F; G06Q
71: Chengdu Qianniucao Information Technology Co., Ltd.
72: CHEN, Dazhi
33: CN 31: 201710539641.8 32: 2017-07-04
54: FORM AUTHORITY GRANTING METHOD BASED ON TIME PROPERTY FIELDS OF FORM
00: -
Disclosed in the present invention is a form authority granting method based on time property fields of a form. The method comprises : selecting one or more objects to be authorized; selecting a form, and displaying time property fields for which authority time periods need to be configured in the selected form; separately configuring an authority time period for each time property field, wherein the authority time period comprises one of more of the following six time periods : a time period from a time point obtained by subtracting a fixed time length from the current time to the current time, a time period from a start time to the current time, a time period from an end time to a system initial time, a time period from the start time to the end time, a time period having a time field value being null, and a time period from the system initial time to the current time; and saving the configurations above after completing configuring the authority time periods. According to the present invention, the operation authority of a form in a certain time period can be granted to an object to be authorized according to actual needs; thus, various requirements for form authority granting related to time limits can be satisfied.

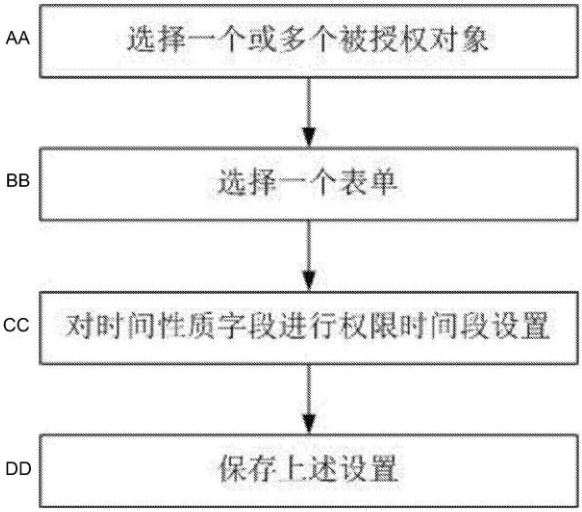


图 1

AA SELECT ONE OR MORE OBJECTS TO BE AUTHORIZED
BB SELECT A FORM
CC CONFIGURE AN AUTHORITY TIME PERIOD FOR EACH TIME PROPERTY FIELD
DD SAVE THE CONFIGURATIONS ABOVE

21: 2020/00579. 22: 2020/01/28. 43: 2020/11/04
51: G06F
71: Chengdu Qianniucao Information Technology Co., Ltd.
72: CHEN, Dazhi
33: CN 31: 201710543859.0 32: 2017-07-05
54: METHOD FOR AUTHORIZING OPERATION PERMISSIONS OF FORM FIELD VALUES
00: -
Disclosed in the present invention is a method for authorizing operation permissions of form field values, comprising a step of authorizing operation permissions of form field values and a step of selecting an authorized person. The step of authorizing operation permissions of form field values comprises: S1: selecting a form to be authorized, and displaying fields in the form that need operation permission control; and S2, authorizing operation permissions of field values of all the fields separately. The authorized person is one or more characters, which are independent individuals rather than groups/types; the characters within the same period of time can be only

associated with a single user, while one user can be associated with one or more characters. The present invention can authorize the operation permissions of form field values separately, and thus improves the fineness of system management. By means the method, multiple authorized characters can be selected simultaneously for batch authorization, and thus the authorization efficiency is improved; in addition, the method supports template authorization; the two approaches are combined, so that the authorization efficiency of the operation permissions of the form field values is greatly improved.

图 5

AA General manager office
BB Clerk 1 (ZHANG, San)
CC Clerk 2 (LI, Er)
DD Clerk 3 (WANG, Wu)
EE Recently authorized operator: LI, Si; operation time
FF Form selection
GG Customer
HH Contract
II Order
JJ Field value operation permission authorization
KK Field name
LL View
MM Modification
NN Order number
OO Customer name
PP Customer address
QQ Phone number
RR Contact
SS Customer's industry
TT Product model
UU Product quantity
VV Unit price

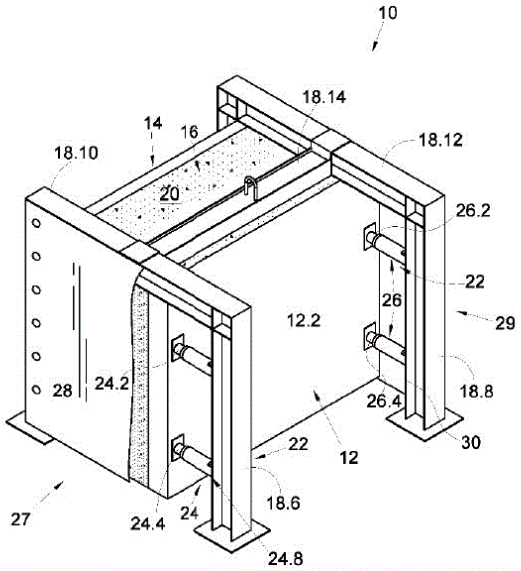
21: 2020/00580. 22: 2020/01/28. 43: 2020/11/04
51: G06Q
71: Chengdu Qianniucao Information Technology Co., Ltd.
72: CHEN, Dazhi
33: CN 31: 201710529317.8 32: 2017-07-01
54: METHOD FOR GRANTING FORM OPERATION AUTHORITY RESPECTIVELY ACCORDING TO FORM FIELD VALUES
00: -
Disclosed in the present invention is a method for granting form operation authority respectively according to form field values. The method comprises a step of granting operation authority of form data and a step of selecting a person to be authorized. The step of granting operation authority of form data comprises: S1, selecting a form available for authority granting; S2, selecting fields requiring operation authority granting in the form; and S3, granting operation authority of corresponding form data respectively according to all field values of the selected fields. According to the present invention, the authority related to deletion, modification, and printing of a form are granted respectively on the basis of form field values, and therefore a wider application range is provided. Effective uniform authority granting can be performed on form data, in which the field values of selected fields are null values; therefore, authority granting operations are convenient and authority granting work load is small. Operation authority granting can be performed on the whole form data corresponding to all field values of the selected fields; thus, the authority granting operation is simple and efficient, and the present invention is especially suitable for granting authority to company executives having all of the authority.

图 1

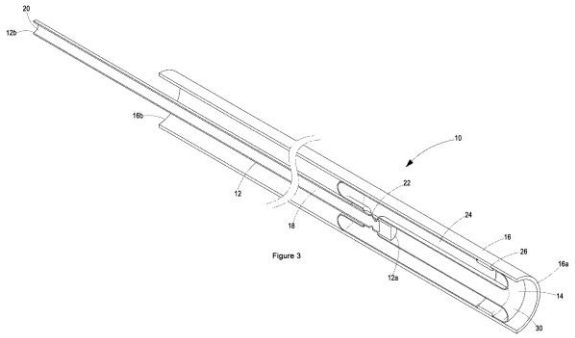
AA General manager's office
BB Clerk 1 (Zhang San)
CC Clerk 2 (Li Er)
DD Clerk 3 (Wang Wu)
EE Latest authorized form operator: Li Si; Operating time
FF Form selection
GG Customer
HH Contract
II Order
JJ Industry to which the customer belongs
KK Industry to which the customer belongs
LL View
MM Modify
NN Delete
OO Associated form/statistics view operation
PP Receipt record
QQ Shipping record
RR Unrestricted
SS Null
TT Medical
UU Chemical
VV Construction
WW City where the customer is located
XX Shanghai
YY Chengdu

21: 2020/00602. 22: 2020/01/29. 43: 2020/10/30
51: B28B; E04B
71: MEYER, Christiaan Lodewyk
72: MEYER, Christiaan Lodewyk
33: ZA 31: 2017/04407 32: 2017-06-29
54: AN APPARATUS FOR PRESSING WALL SEGMENTS
00: -
This invention relates to an apparatus for pressing wall segments. The apparatus comprises a pair of spaced apart pressing members; and actuation means for moving the pressing members substantially horizontally relative to each other between a first spaced apart, inactive configuration, in use, for allowing building material to be filled in the

space or chamber defined between the pressing members, and a second, active configuration, wherein the pressing members are progressively moved towards each other, in use, so as to compress the building material into a compacted wall segment. A method of building a wall segment using the apparatus is also provided.



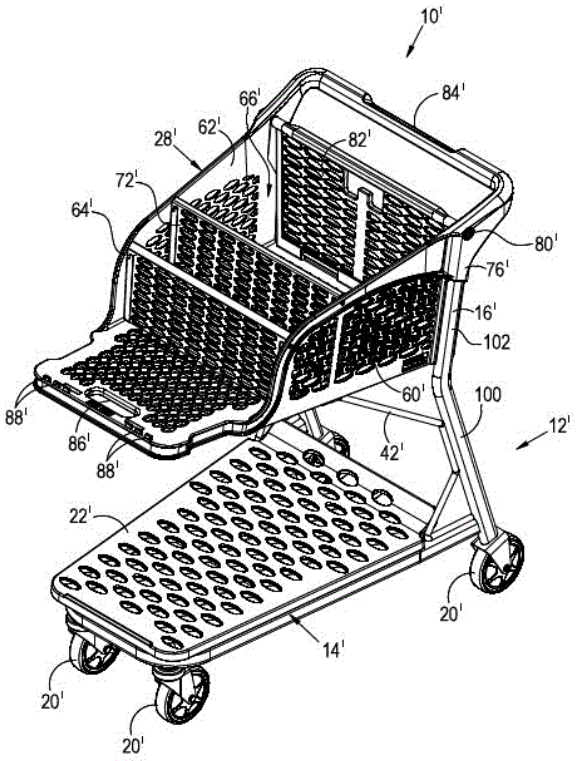
21: 2020/00612. 22: 29/01/2020. 43: 2020/10/30
51: A61B; A61M
71: Strait Access Technologies Holdings (Pty) Ltd
72: ZILLA, Peter Paul, VAN BREDA, Braden Sydney Clive, BEZUIDENHOUT, Deon
33: GB 31: GB1713711.8 32: 2017-08-25
54: INVAGINATING DEVICE
00: -
An invaginating device (10) includes an inner elongate member (12) and an outer flexible tube (14) with invaginated axial ends. The outer flexible tube is: disposed at a first axial end of the inner elongate member; concentric with the inner elongate member; sized to provide a radial gap (24) there between; sealably connected at the axial ends of the outer flexible tube to the inner elongate member, with the axial spacing between such sealed axial ends being less than the axial length of the outer tube; and extendable to protrude from the first axial end of the inner elongate member and retractable to reduce such protrusion from the first axial end of the inner elongate member. Fluid contained within the radial gap (24) defined between the inner elongate member and the outer flexible tube is either pressurized or a non-compressible fluid. An actuator (16) is: movable relative to the inner elongate member; and engaging with the outer flexible tube to extend the outer flexible tube relative to the first axial end of the inner elongate member.



21: 2020/00645. 22: 2020/01/30. 43: 2020/10/30
51: A01N; A01P
71: Novamont S.p.A.
72: SAGLIANO, Angela
33: IT 31: 102017000088474 32: 2017-08-02
54: HERBICIDAL COMPOSITIONS BASED ON NONANOIC ACID AND NONENOIC ACID
00: -
The present invention relates to a composition comprising a saturated nonanoic acid or a saturated nonanoic acid salt, at least one monounsaturated nonanoic acid and at least one emulsifying agent, to a process for preparing said composition and to the use of said composition in herbicidal applications.

21: 2020/00659. 22: 2020/01/31. 43: 2020/10/30
51: B62B
71: SUPERCART SOUTH AFRICA (PTY) LTD
72: WOLFE, Michael Castledine
33: ZA 31: 2019/00653 32: 2019-01-31
54: TROLLEY ARRANGEMENT
00: -
A trolley arrangement is provided comprising a chassis from which a plurality of upwardly extending, rear support posts extend. An upper support frame is fitted to, and extends away from, the rear support posts, the upper support frame being fitted along the length of the support posts so that upper portions of the support posts extend upwardly, so as to protrude, from the upper support frame, the upper support frame comprising a peripheral bar component. A basket can be secured to the upper portions of the support posts, the basket being

supported on top of the upper support frame once assembled. The basket comprises a corresponding plurality of elongate corner side walls that are arranged to be adjacent the upwardly extending support posts so that each post is arranged to abut against one of the upwardly extending corner side walls in use.

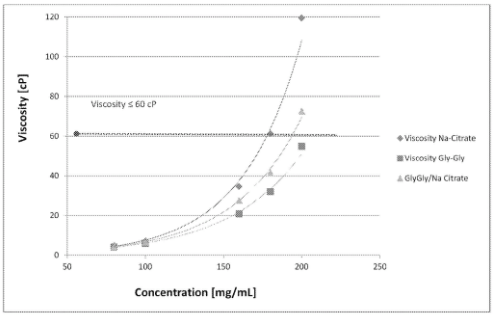


21: 2020/00676. 22: 2020/01/31. 43: 2020/11/04
51: A61K
71: Jazz Pharmaceuticals Ireland Limited
72: DIMITROVA, Mariana, BENNETT, William J., WANG, Qi
33: US 31: 62/540,657 32: 2017-08-03

54: FORMULATIONS COMPRISING A NUCLEIC ACID IN A HIGH CONCENTRATION

00: -

Low-viscosity, high concentration nucleic acid compositions that can be administered by multiple parenteral routes may allow for less frequent dosing than nucleic acid products currently on the market. In particular, low-viscosity defibrotide formulations for subcutaneous, intramuscular, and intraperitoneal administration are more convenient to the patient and/or are administered outside of the hospital setting. Formulations of the invention may be used for the treatment of numerous conditions including for example, treatment of peripheral arteriopathies, treatment of acute renal insufficiency, treatment of acute myocardial ischemia, and treatment and prevention of sinusoidal obstruction syndrome or VOD.

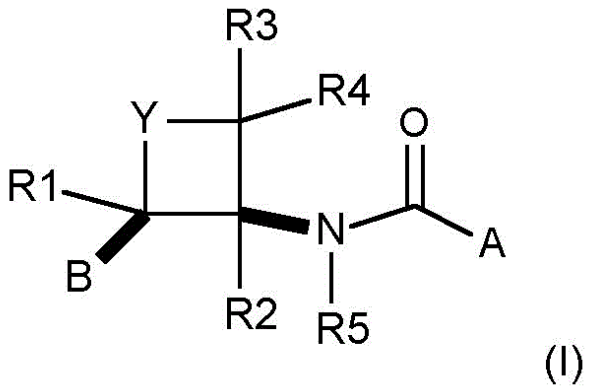


21: 2020/00681. 22: 2020/01/31. 43: 2020/11/04
51: A01N; A01P
71: Syngenta Participations AG
72: GABERTHUEEL, Matthias
33: EP(CH) 31: 17185509.1 32: 2017-08-09

54: METHODS OF CONTROLLING OR PREVENTING INFESTATION OF SOYBEAN PLANTS BY PHYTOPATHOGENIC MICROORGANISMS

00: -

The present invention relates to methods for controlling or preventing infestation of soybean by phytopathogenic microorganisms, in particular of the fusarium genus, sclerotinia sclerotiorum, microsphaera diffusa, septoria glycines and cercospora sojina, more particularly fusarium virguliforme, fusarium solani, fusarium oxysporum, fusarium acuminatum, fusarium chlamydosporum, fusarium compactum, fusarium culmorum, fusarium equiseti, fusarium graminearum, fusarium merismoides, fusarium proliferatum, fusarium pseudograminearum, fusarium semitectum, fusarium subglutinans and fusarium verticilliodes, comprising applying to a crop of plants, the locus thereof, or propagation material thereof, a compound according to formula (I), wherein R1, R2, R3, R4, R5, Y, A, B are as defined herein.



(I)

21: 2020/00682. 22: 2020/01/31. 43: 2020/11/04
51: C12Q
71: Shanghai Tolo Biotechnology Company Limited
72: WANG, Jin, CHENG, Qiuxiang, LI, Shiyuan, LI, Xiaoyan, LI, Linxian
33: CN 31: 201710573752.0 32: 2017-07-14
54: APPLICATION OF CAS PROTEIN, METHOD FOR DETECTING TARGET NUCLEIC ACID MOLECULE AND KIT
00: -
Provided in the present invention are an application of a Cas protein, a method for detecting a target nucleic acid molecule and a kit, the method for detecting a target nucleic acid molecule comprising: adding a guide RNA, Cas12a and a nucleic acid probe to a reaction system comprising a target nucleic acid molecule to be detected, and carrying out detection after reaction is complete.

21: 2020/00684. 22: 2020/01/31. 43: 2020/11/04
51: A01N; A01P
71: UPL LTD
72: BRITO, Alexandre Leite, DE ALMEIDA, Bruna Mariele, SILVA, Ferdinando Marcos Lima, DA CUNHA, Joaquim Ribeiro, HOHMANN, Luciano Zanotto, GONÇALVES, Natalia, DECARO JUNIOR, Sergio Tadeu, SHROFF, Jaidev Rajnikant, SHROFF, Vikram Rajnikant
33: IN 31: 201731028212 32: 2017-08-08
54: SYNERGISTIC HERBICIDAL COMBINATIONS
00: -
A herbicidal combination comprising at least two synthetic auxins, or at least two synthetic auxins with at least one ALS inhibitor, a composition comprising these combinations, a method of use of these combinations and a kit comprising the components of these combinations.

21: 2020/00774. 22: 05/02/2020. 43: 2020/12/09
51: A61B
71: STELLENBOSCH UNIVERSITY
72: FISCHER, Joshua David, VAN DEN HEEVER, David Jacobus
33: ZA 31: 2017/05983 32: 2017-09-04
54: DEVICES AND METHODS FOR USE IN DIAGNOSING A MEDICAL CONDITION
00: -
A device and method for use in diagnosing a medical condition are described. The device includes a casing configured for mounting a communication device on a head of a patient and providing an optical path between an eye of the patient and a display zone in which a display of the communication device operatively locates. The casing includes a lens located in the optical path and configured to facilitate focussing of the eye of the patient at the display zone. The casing includes an illumination module configured to project light onto the eye and an optical arrangement. The optical arrangement is arranged to direct light, having projected onto the eye by the illumination module and reflected by the eye, towards an opening arranged operatively to provide optical communication with a camera of the communication device, thereby to enable tracking of movement of the eye by the communication device.

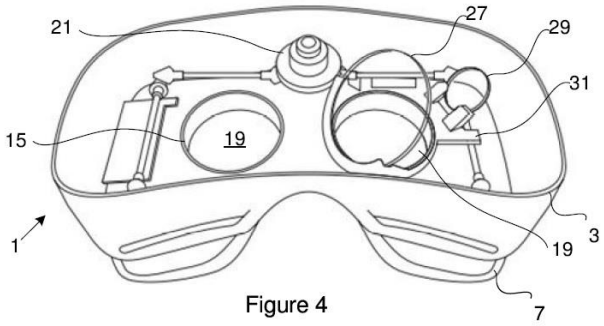


Figure 4

21: 2020/02814. 22: 2020/05/15. 43: 2020/12/03
51: B26B
71: TOUGHBUILT INDUSTRIES, INC.
72: PANOSIAN, Michael H., KEELER, Joshua
33: US 31: 16/506,186 32: 2019-07-09
54: SINGLE –ACTION CONVERTIBLE UTILITY KNIFE AND SCRAPER
00: -
A single-action convertible utility knife and scraper includes a carriage and a slide mechanism slidably mounted within a housing. A blade support is pivotally mounted on the carriage for movements of

a blade between cutting and scraper orientations. The carriage and the slide mechanism can be moved by an external button between a retracted position wherein the blade support is fully retracted within the housing, an extended position wherein the blade support is in an operative cutting or scraping position and a conversion position wherein the blade support is moved forwardly of the extended position to enable the blade support to transition from one orientation to another while clearing the housing. A bi-stable mechanism alternatingly pivots the blade support between the first and second orientations when the external button is successively advanced to move the slide mechanism forwardly beyond the extended position to incrementally advanced positions.

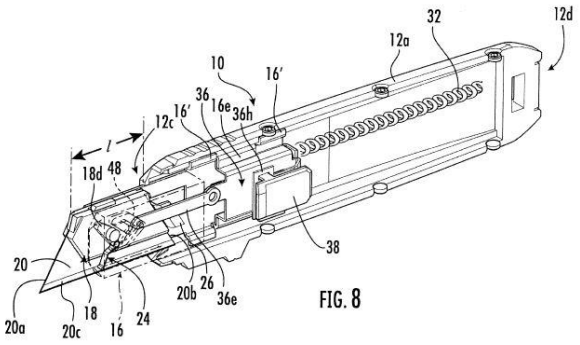


FIG. 8

21: 2020/05793. 22: 2020/09/17. 43: 2020/12/03
51: A01G; G05B
71: INSTITUTE OF AGRICULTURAL RESOURCES AND ENVIRONMENT, SHANDONG ACADEMY OF AGRICULTURAL SCIENCES
72: LUJI BO, BING LI, YAN LI, RONGQUAN ZHANG, YONGPING JING, YANQIN WANG, LONGYUN FU

54: INTELLIGENT IRRIGATION SYSTEM FOR REDUCING NUTRIENT ELUVIATION IN VEGETABLE FIELDS

00: -

The present invention relates to the technical field of agricultural irrigation, in particular to an intelligent irrigation system for reducing nutrient eluviation in vegetable fields. The intelligent irrigation system has a water collector, a temperature sensor and a water pump, wherein the water collector is arranged outside and comprises a collector and a water tank which are connected through a filter pipe.

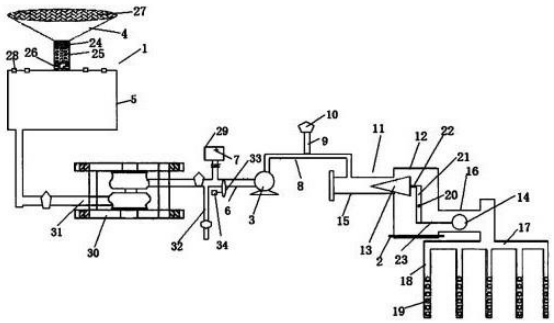


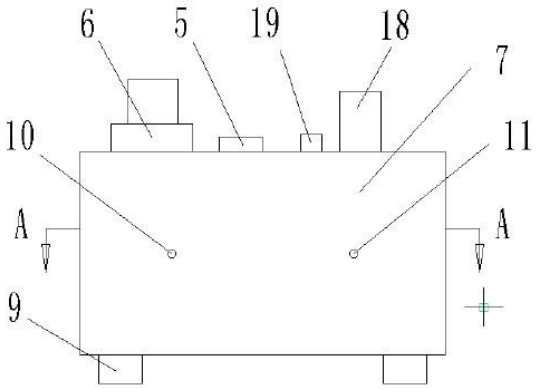
Fig. 1

21: 2020/06041. 22: 2020/09/28. 43: 2020/12/03
51: G01H
71: ANHUI UNIVERSITY OF SCIENCE & TECHNOLOGY
72: ZHANG, JUN, ZHANG, ZEYU, TANG, HONGMEI, LI, XIANHUA, LI, JUNNAN, ZHAO, YI, YUAN, XIANG, LU, JUNFENG, WANG, GUCHAO, ZHANG, JIMING

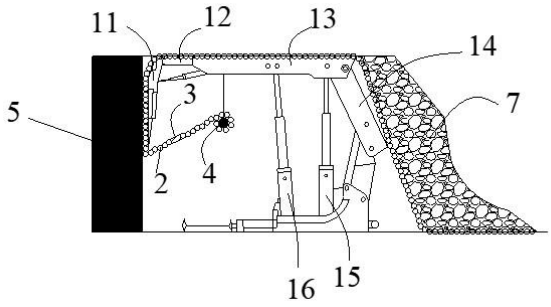
54: TWO-WAY NOISE TESTING METHOD AND DEVICE FOR AUTOMOBILE

00: -

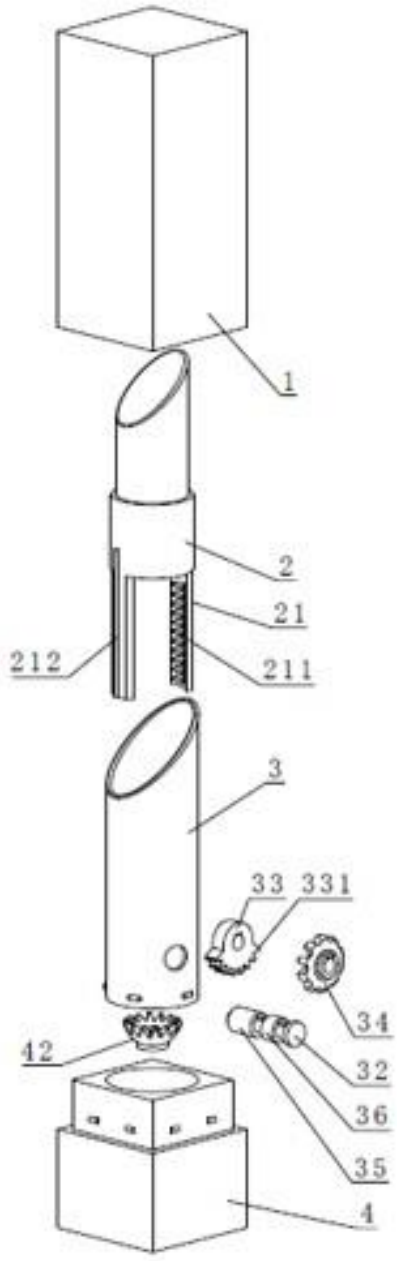
A testing device used in a two-way noise testing method for automobile includes a first sound level meter, a second sound level meter, a third sound level meter, a fourth sound level meter, a high-speed data acquisition card NI, a computer and its software processing system, a soundproof front detection board, a soundproof bottom detection board, a frame, a 12V battery, and a 12V to 220V transformer. The first sound level meter and the second sound level meter are fixed on the soundproof front detection board, and the third sound level meter and fourth sound level meter are fixed on the soundproof bottom detection board. It helps to increase the sound insulation effect and can test the noise in the bottom and side directions of the device. Through the FFT data processing of the time domain signal, the noise frequency distribution of the device can be found in time.



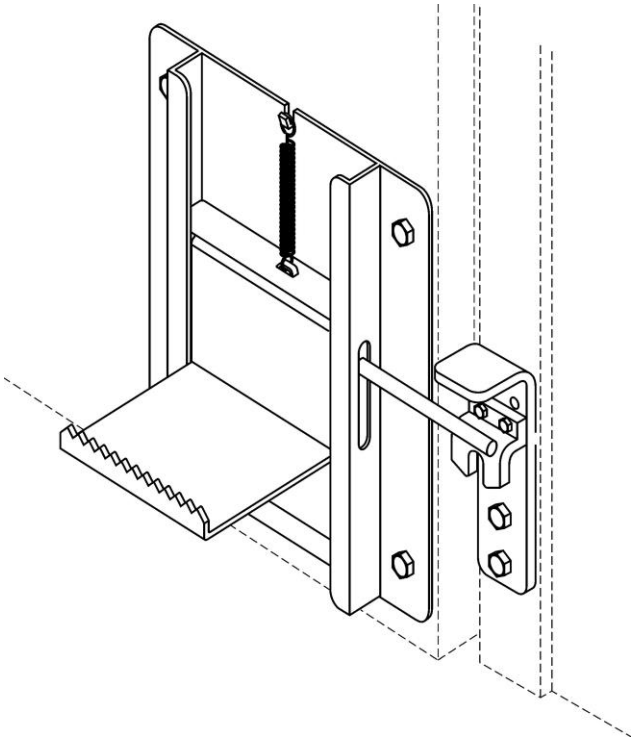
21: 2020/06045. 22: 28/09/2020. 43: 2020/12/03
51: E21D
71: ANHUI UNIVERSITY OF SCIENCE & TECHNOLOGY
72: WANG, LEI, YUAN, QIUPENG, ZHU, CHUANQI
33: CN 31: 201910274558.1 32: 2019-04-08
54: GUIDE RAIL TYPE STEEL WIRE MESH TRANSMISSION DEVICE FOR WOKING FACE OF SOFT COAL SEAM AND METHOD THEREOF
00: -
Disclosed is a guide rail type steel wire mesh transmission device and the method for using same. The disclosure relates the technical field of coal mining. By arranging the hydraulic support between the coal wall and the goaf, a supporting and covering for the workers in the unoccupied mining area is achieved. The guide rail is positioned and suspended at the inner front of the hydraulic support. A steel wire mesh is laid above the hydraulic support. The rear of the steel wire is fixed at the bottom of the gangue in the goaf, and the front is laid along the hydraulic support to the front. In this way, a safety protection space is formed. The front end of the steel mesh bypasses the front end of the fender of the hydraulic support, and is connected to the steel mesh roll set on the guide rail through a net buckle, so as to realize the rapid laying of the steel mesh. The method is convenient and quick to operate, which greatly reduces the work load of the operators, and greatly improves the efficiency of steel mesh laying.



21: 2020/06052. 22: 30/09/2020. 43: 2020/12/03
51: A45D
71: ZHEJIANG YUYAN INDUSTRIAL DESIGN CO., LTD
72: MEI, LISHA, MEI, JUWEI
33: CN 31: 201911041803.0 32: 2019-10-30
54: BI-DIRECTIONAL SWIVEL LIPSTICK CASE
00: -
The present invention relates to the production technology of lipstick cases, and particularly relates to manufacturing and application of a bi-directional swivel lipstick case. In the lipstick case of the present invention, through the continuous swiveling of the base in any direction, the lipstick paste reciprocates up and down, so that the reliability of the lipstick case is improved, and the service life is prolonged. The base rotates at a small angle to achieve the one-time rising-falling process of the lipstick, so that the efficiency is high, and the operation is more convenient.

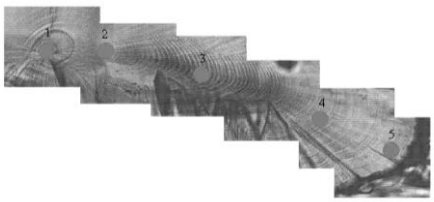


21: 2020/06276. 22: 2020/10/09. 43: 2020/12/03
51: E05B; E05C
71: ROSSOUW, Johannes Christoffel
72: ROSSOUW, Johannes Christoffel
54: DOOR OPERATING MECHANISM
00: -
A door operating mechanism for attachment to a door and a door frame suitable to be operated by a user's foot is provided. The door operating mechanism comprises a pedal arrangement securable to a door, the pedal arrangement including a pedal configured to enable movement of the door between open and closed positions through rotation of the door on its hinges; and a locking mechanism comprising a latch bar attached to the pedal arrangement and configured to interact with at least one latch stop attached to the door frame; wherein the pedal is selectively movable in a vertical direction to thereby engage the locking mechanism by manoeuvring the latch bar to either engage or disengage the latch stop so as to lock or unlock the door.



21: 2020/07235. 22: 2020/11/19. 43: 2020/12/08
51: G01V
71: SHANGHAI OCEAN UNIVERSITY
72: LIU, Bilin, CHEN, Xinjun, MA, Jin, LI, Jianhua
54: METHOD FOR RECONSTRUCTING MIGRATION PATHWAY OF SQUIDS BASED ON STATOLITH TRACE ELEMENTS
00: -
The present disclosure provides a method for reconstructing the migration pathway of squid based on statolith trace elements, which solves the problem that the traditional marking method cannot be applied to the analysis of the migration pathway of marine squid. In this method, trace elements in statoliths of marine squid at different growth stages

are obtained indirectly, and their migration pathways were inferred indirectly according to the relationship between trace elements and environment. The method is reliable, low cost, and suitable for promotion.



21: 2020/07559. 22: 2020/12/04. 43: 2020/12/08
51: A01B; B08B
71: INSTITUTE OF AGRICULTURAL RESOURCES AND ENVIRONMENT, SHANDONG ACADEMY OF AGRICULTURAL SCIENCES
72: JING, JONGPING, LI, YAN, LIU, ZHAOHUI, BO, LUJI, GENG, LIQING

54: REMEDIATION METHOD FOR FARMLAND CHROMIUM POLLUTION UNDER PLANTING PRODUCTION CONDITIONS

00: -

The present invention relates to a remediation method for farmland chromium pollution under planting production conditions and belongs to field of soil pollution control. the present invention provides a remediation method for farmland chromium pollution under planting production conditions, which has simple operation, low cost, good effect and no influence on normal food production. In moderately or lightly chromium polluted farmlands (with the concentration of Cr in the soil more than 300 mg/kg and less than 900 mg/kg), which belongs to light pollution), the Cr content of farmland soil can be remedied to meet the soil quality standard (with the concentration of Cr in the soil less than 300 mg/kg) of producing areas for edible agricultural products in China through wheat-maize rotation, and the Cr content in wheat and maize grains is lower than the national food security standard limit value.

HYPOTHECATIONS

No records available

JUDGMENTS

No records available

OFFICE PRACTISE NOTICES

No records available

3. DESIGNS

DESIGNS

APPLICATIONS FOR REGISTRATION OF DESIGNS IN TERMS OF ACT No. 195 OF 1993

The particulars appear in the following sequence: Copies of the application and representations cannot be supplied until application is registered and advertised. In all correspondence reference should be made to the number of the application. Application number, full name of applicant, class, articles to which design is to be applied and priority date (if any)

. - APPLIED ON 2020/12/21 -

A2020/01653 - SOUPER PRODUCTS, LLC. Class 15. TRAY

F2020/01657 - INDEPENDENT BENCHMARKING SOLUTIONS (PTY) LTD Class 07. CONVECTION OVEN

F2020/01654 - XANDRE EWOUD HARMSE Class 7. OVEN

A2020/01656 - INDEPENDENT BENCHMARKING SOLUTIONS (PTY) LTD Class 07. CONVECTION OVEN

F2020/01655 - Alco Exotic Green Building Products CC Class 25. TRIMS FOR FLOORING OR CARPETING

F2020/01658 - WESTHAM LTD. Class 22. BAIT STATION

. - APPLIED ON 2020/12/22 -

A2020/01667 - Brand Pack (Pty) Ltd Class 23. WATER TREATMENT CHEMICAL ARTEFACTS

A2020/01662 - PHILIP MORRIS PRODUCTS S.A. Class 32. LOGO, GRAPHIC SYMBOL, SURFACE PATTERN, OR ORNAMENTATION

A2020/01663 - PHILIP MORRIS PRODUCTS S.A. Class 32. LOGO, GRAPHIC SYMBOL, SURFACE PATTERN, OR ORNAMENTATION

A2020/01664 - PHILIP MORRIS PRODUCTS S.A. Class 32. LOGO, GRAPHIC SYMBOL, SURFACE PATTERN, OR ORNAMENTATION

F2020/01668 - MAHLWELE, Sue-Ann Class 2. MEDICAL GARMENT

A2020/01659 - HYUNDAI MOTOR COMPANY, KIA MOTORS CORPORATION Class 12. AUTOMOBILE

A2020/01660 - PHILIP MORRIS PRODUCTS S.A. Class 32. LOGO, GRAPHIC SYMBOL, SURFACE PATTERN, OR ORNAMENTATION

A2020/01661 - PHILIP MORRIS PRODUCTS S.A. Class 32. LOGO, GRAPHIC SYMBOL, SURFACE PATTERN, OR ORNAMENTATION

A2020/01665 - Brand Pack (Pty) Ltd Class 23. WATER TREATMENT CHEMICAL ARTEFACTS

A2020/01670 - Essity Hygiene and Health Aktiebolag Class 24. ABSORBENT ARTICLES

A2020/01672 - Essity Hygiene and Health Aktiebolag Class 32. ORNAMENTATION FOR ABSORBENT ARTICLES

A2020/01671 - Essity Hygiene and Health Aktiebolag Class 24. ABSORBENT ARTICLES

A2020/01673 - Essity Hygiene and Health Aktiebolag Class 32. ORNAMENTATION FOR ABSORBENT ARTICLES

A2020/01666 - Brand Pack (Pty) Ltd Class 23. WATER TREATMENT CHEMICAL ARTEFACTS

A2020/01669 - MAHLWELE, Sue-Ann Class 2. MEDICAL GARMENT

. - APPLIED ON 2020/12/23 -

A2020/01696 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01708 - ZHEUNG, Gordon Class 7. LID

A2020/01691 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01692 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01695 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01689 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01699 - APPLE INC. Class 13. CHARGER

F2020/01703 - ZHEUNG, Gordon Class 7. LID

A2020/01701 - APPLE INC. Class 14. EARPHONES

A2020/01682 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01709 - ZHEUNG, Gordon Class 14. GRAPHICAL USER INTERFACE

A2020/01686 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01683 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01685 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01687 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01693 - Daniel Wellington AB Class 11. JEWELLERY

F2020/01705 - ZHEUNG, Gordon Class 13. ELECTRICAL CONNECTOR

A2020/01684 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01700 - ASIAN HONDA MOTOR CO., LTD. Class 12. AUTOMOBILE

F2020/01702 - JOHN PEREGRINE SPURWAY Class 23. AN ADAPTER FOR A LIQUID DISPENSER

A2020/01704 - ZHEUNG, Gordon Class 7. PORRIDGE COOKER BODY

A2020/01706 - ZHEUNG, Gordon Class 7. PORRIDGE COOKER

A2020/01694 - Daniel Wellington AB Class 11. JEWELLERY

F2020/01674 - C F W INDUSTRIES PROPRIETARY LIMITED Class 23. FAN BLADES

A2020/01680 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01681 - Daniel Wellington AB Class 11. JEWELLERY

F2020/01707 - ZHEUNG, Gordon Class 7. PORRIDGE COOKER

A2020/01675 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01676 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01677 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01678 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01679 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01698 - APPLE INC. Class 13. CHARGER

A2020/01688 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01690 - Daniel Wellington AB Class 11. JEWELLERY

A2020/01697 - Daniel Wellington AB Class 11. JEWELLERY

. - APPLIED ON 2021/01/04 -

A2021/00002 - DART INDUSTRIES INC. Class 9. BOTTLE WITH A RHINOCEROS SHAPE

A2021/00005 - WHEEL PROS, LLC Class 12. WHEEL

A2021/00001 - Lionel J Hlangwane Class 32. IMBADADA DESIGN

A2021/00007 - Inovio Pharmaceuticals, Inc. Class 24. CAPS FOR MEDICAL EQUIPMENT

A2021/00006 - Inovio Pharmaceuticals, Inc. Class 24. MEDICAL EQUIPMENT

A2021/00003 - DART INDUSTRIES INC. Class 7. BOWL WITH A FLANGED RIM

A2021/00004 - DART INDUSTRIES INC. Class 9. BOTTLE WITH A LION SHAPE

. - APPLIED ON 2021/01/05 -

A2021/00009 - ROCK SOLID INDUSTRIES INTERNATIONAL (PTY) LTD Class 12. CANOPY FOR A VEHICLE

A2021/00008 - AJAX SYSTEMS CYPRUS HOLDINGS LTD Class 10. A KEYPAD FOR AN ALARM

. - APPLIED ON 2021/01/08 -

A2021/00016 - POLYMER SOLUTIONS INTERNATIONAL INC. Class 6. PORTION OF A CONTAINER RACK

A2021/00017 - POLYMER SOLUTIONS INTERNATIONAL INC. Class 6. PORTION OF A CONTAINER RACK

A2021/00018 - POLYMER SOLUTIONS INTERNATIONAL INC. Class 6. PORTION OF A CONTAINER RACK

A2021/00014 - POLYMER SOLUTIONS INTERNATIONAL INC. Class 6. CONTAINER RACK

F2021/00013 - Nelson Mandela University Class 25. WIND TURBINE BLADES

A2021/00015 - POLYMER SOLUTIONS INTERNATIONAL INC. Class 6. CONTAINER RACK

F2021/00012 - Nelson Mandela University Class 13. WIND TURBINE BLADES

A2021/00011 - LOUIS VUITTON MALLETIER Class 11. PRECIOUS STONE

A2021/00010 - LOUIS VUITTON MALLETIER Class 11. PRECIOUS STONE

. - APPLIED ON 2021/01/13 -

A2021/00019 - FERRARI S.P.A. Class 21. TOY CAR

A2021/00022 - FERRARI S.P.A. Class 12. CAR

. - APPLIED ON 2021/01/14 -

F2021/00025 - Spraying Systems Co. Class 23. SPRAY NOZZLES

A2021/00024 - Colgate-Palmolive Company Class 4. ORAL CARE IMPLEMENTS

A2021/00023 - Colgate-Palmolive Company Class 4. ORAL CARE IMPLEMENTS

A2021/00021 - Colgate-Palmolive Company Class 4. ORAL CARE IMPLEMENTS

F2021/00020 - ROCBOLT TECHNOLOGIES (PTY) LTD. Class 8. HOOK ASSEMBLIES

. - APPLIED ON 2021/01/15 -

F2021/00026 - SODASTREAM INDUSTRIES LTD. Class 31. CARBONATION MECHANISM

. - APPLIED ON 2021/01/19 -

A2021/00027 - Colgate-Palmolive Company Class 4. ORAL CARE IMPLEMENTS

A2021/00028 - Colgate-Palmolive Company Class 4. ORAL CARE IMPLEMENTS

. - APPLIED ON 2021/01/20 -

A2021/00029 - Bayerische Motoren Werke Aktiengesellschaft Class 12. MOTOR VEHICLES

. - APPLIED ON 2021/01/21 -

A2021/00036 - CAPBRAN HOLDINGS, LLC Class 31. BLENDER CONTAINER

A2021/00034 - CAPBRAN HOLDINGS, LLC Class 31. BLENDER

A2021/00035 - CAPBRAN HOLDINGS, LLC Class 31. JUICER CONTAINER

A2021/00030 - HANSGROHE SE Class 23. FAUCET

A2021/00033 - CAPBRAN HOLDINGS, LLC Class 31. BLENDER CONTAINER

F2021/00037 - Eagle Eye Bird Control Trust Class 22. BIRD REPELLENT DEVICE

A2021/00032 - CAPBRAN HOLDINGS, LLC Class 31. BLENDER

A2021/00038 - Eagle Eye Bird Control Trust Class 22. BIRD REPELLENT DEVICE

A2021/00031 - HANSGROHE SE Class 23. FAUCET

. - APPLIED ON 2021/01/22 -

A2021/00040 - Lupin Inc. Class 24. INHALERS

A2021/00041 - REGENERON PHARMACEUTICALS, INC. Class 9. PACKAGING

A2021/00042 - APPLE INC. Class 13. CHARGER

A2021/00039 - Lupin Inc. Class 24. INHALERS

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

No records available

NOTICE OF REGISTRATION OF DESIGNS

Notice of registration of the designs mentioned below has been issued by the Registrar of Designs in terms of the Designs Act, 1993 (Act No. 195 of 1993)

INSPECTION OF DESIGNS

A design application, may after a notice of registration has been published, be inspected during office hours at the Designs Office, Pretoria, at a charge of R3, 00

COPIES OF DOCUMENTS

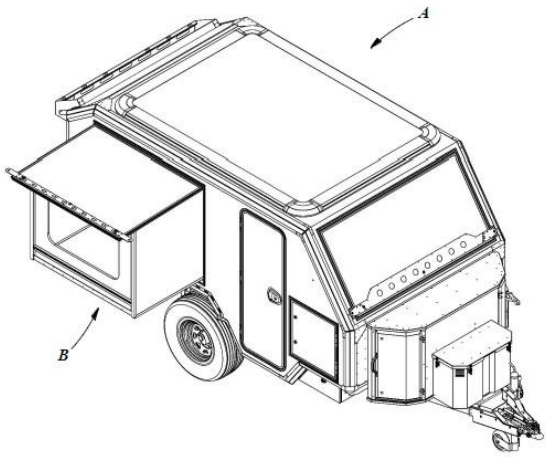
The Designs Office, Private Bag X400, Pretoria, supplies photocopies of all design documents at R1, 00 per page. (Payment to be affected by revenue stamps only.)

The numerical references denote the following: **(21)** Number of application. **(22)** Date of lodgement. **(23)** release date (if applicable). **(DR)** Date of registration. **(52)** Class. **(24)** Type of design. **(71)** Name(s) of applicant(s). **(33)** Country. **(31)** Number and. **(32)** Date of convention application. **(54)** Articles to which design is to be applied. **(57)** Brief statement of features.

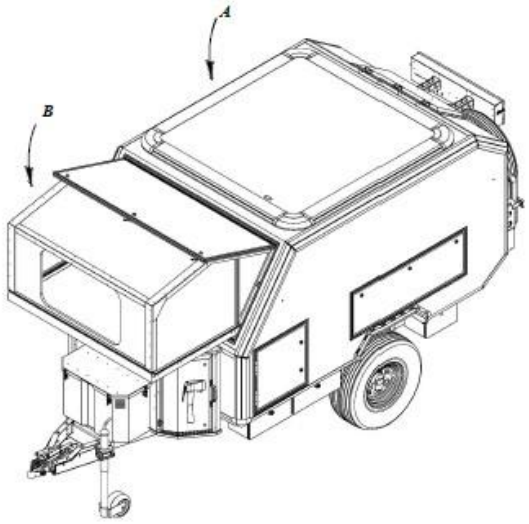
N.B.: Date of registration (DR) is either Date of lodgement (22) or Date of convention of application (32) whichever is the earlier.

Registrar of Designs

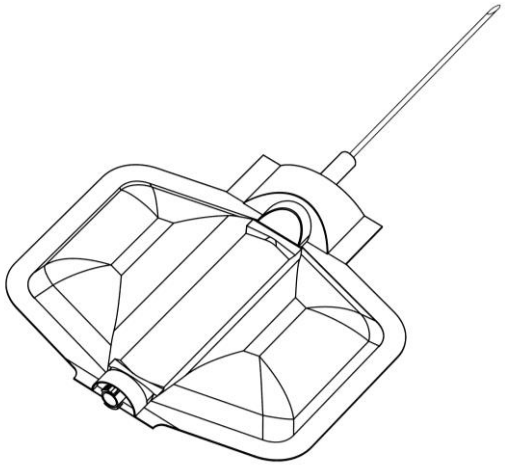
21: A2019/00395 22: 2019-02-22 23:
43: 2019-11-13
52: Class 12 24: Part A
71: JACOBUS MARTTHINUS DE VRIES
54: TRAILER SIDE FOLD-OUT BED
57: The design relates to a TRAILER SIDE FOLD-OUT BED B. The features of the design for which protection is claimed include the pattern and/or shape and/or configuration and/or ornamentation of the TRAILER SIDE FOLD-OUT BED B substantially as illustrated in the accompanying representations. The pattern and/or shape and/or configuration and/or ornamentation of the trailer A is not claimed.



21: A2019/00397 22: 2019-02-22 23:
43: 2019-11-13
52: Class 12 24: Part A
71: JACOBUS MARTTHINUS DE VRIES
54: TRAILER FRONT FOLD-OUT BED
57: The design relates to a TRAILER FRONT FOLD-OUT BED B. The features of the design for which protection is claimed include the pattern and/or shape and/or configuration and/or ornamentation of the TRAILER FRONT FOLD-OUT BED B substantially as illustrated in the accompanying representations. The pattern and/or shape and/or configuration and/or ornamentation of the trailer A is not claimed.

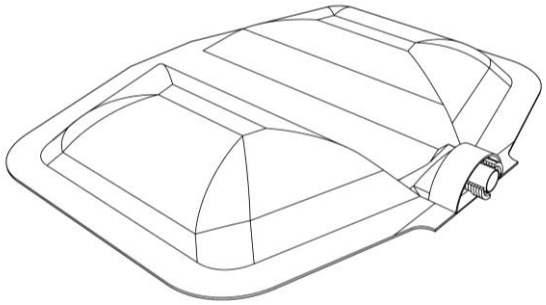


21: A2019/00419 22: 2019-04-01 23:
43: 2019-11-15
52: Class 24 24: Part A
71: OROFINO PHARMACEUTICALS GROUP S.R.L.
33: EU 31: 005717006 32: 2018-10-03
54: PARTS OF SYRINGES
57: The design is for a part of a syringe as illustrated in the accompanying drawings.

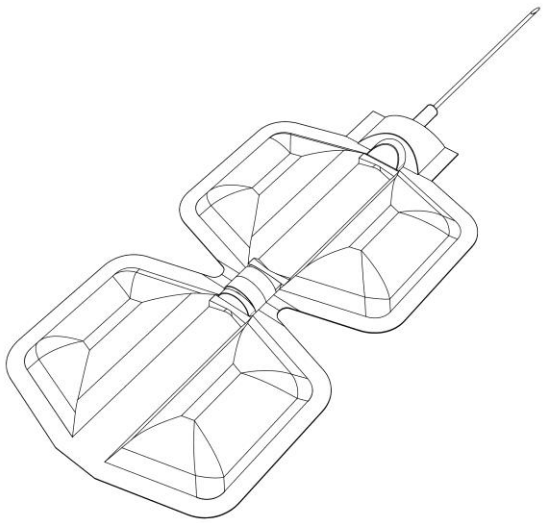


21: A2019/00423 22: 2019-04-01 23:
43: 2019-11-15

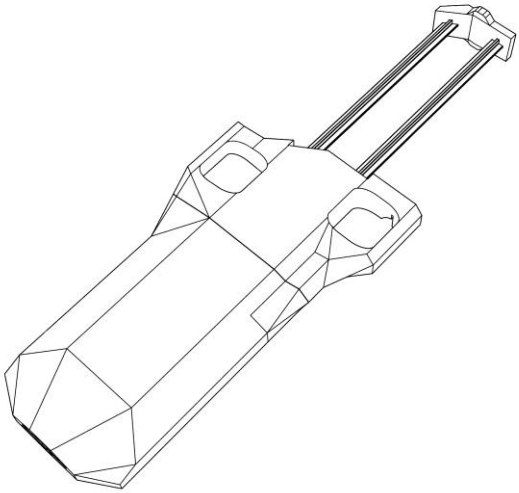
52: Class 24 24: Part A
71: OROFINO PHARMACEUTICALS GROUP S.R.L.
33: EU 31: 005717006 32: 2018-10-03
54: PARTS OF SYRINGES
57: The design is for a part of a syringe as illustrated in the accompanying drawings.



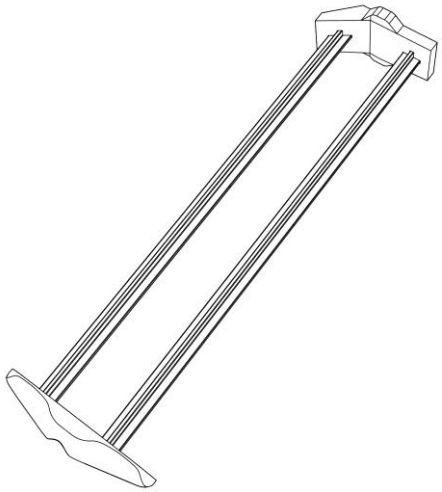
21: A2019/00424 22: 2019-04-01 23:
43: 2019-11-15
52: Class 24 24: Part A
71: OROFINO PHARMACEUTICALS GROUP S.R.L.
33: EU 31: 005717006 32: 2018-10-03
54: PARTS OF SYRINGES
57: The design is for a part of a syringe as illustrated in the accompanying drawings.



21: A2019/00425 22: 2019-04-01 23:
43: 2019-11-15
52: Class 24 24: Part A
71: OROFINO PHARMACEUTICALS GROUP S.R.L.
33: EU 31: 005717006 32: 2018-10-03
54: PARTS OF SYRINGES
57: The design is for a part of a syringe as illustrated in the accompanying drawings.

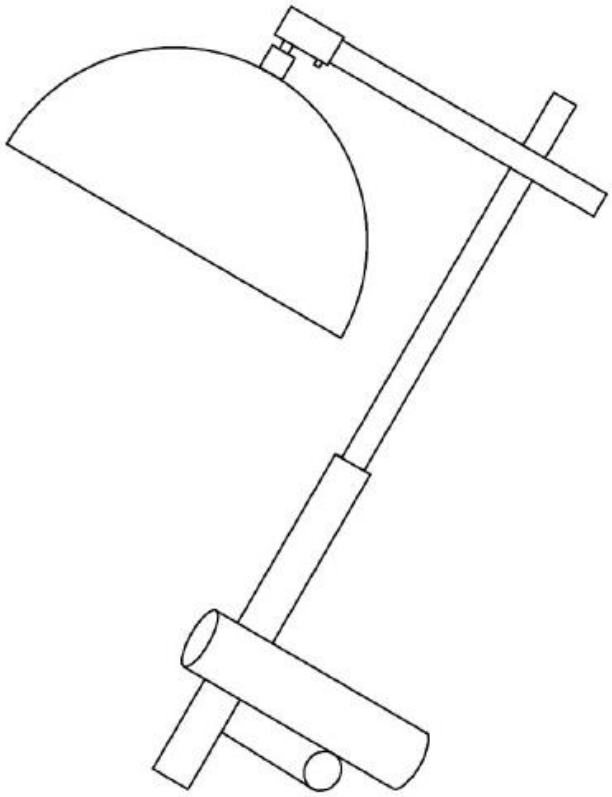


21: A2019/00426 22: 2019-04-01 23:
43: 2019-11-15
52: Class 24 24: Part A
71: OROFINO PHARMACEUTICALS GROUP S.R.L.
33: EU 31: 005717006 32: 2018-10-03
54: SYRINGE PLUNGERS
57: The design is for a syringe plunger as illustrated in the accompanying drawings.



21: A2019/01199 22: 2019-08-26 23:

43: 2020-06-03
52: Class 26 24: Part A
71: MARSHALL, Gregory Frank
54: LAMP
57: The features of this design for which protection are claimed include the shape and/or configuration of a lamp substantially as illustrated in the accompanying representations.



21: A2019/01265 22: 2019-08-15 23:
43: 2020-12-10
52: Class 23 24: Part A
71: HANSEGROHE SE
33: EU 31: 006260980-0013 32: 2019-02-19
54: INSERT FOR A SINK
57: The features of the design for which protection is claimed are those of the shape and/or configuration of an insert for a sink substantially as illustrated in the accompanying drawing.

21: A2019/01598 22: 2019-10-25 23:
43: 2020-11-05
52: Class 7. 24: Part A
71: ARÇELIK ANONIM SIRKETI
33: EM 31: 006760641 32: 2019-08-23
54: Coffee Machine
57: The design relates to a coffee machine. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

FRONT PERSPECTIVE VIEW

21: A2019/01600 22: 2019-10-25 23:
43: 2020-11-05
52: Class 31. 24: Part A
71: ARÇELIK ANONIM SIRKETI
33: EM 31: 006760641 32: 2019-08-23
54: Blender

57: The design relates to a blender. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

PERSPECTIVE VIEW

21: A2020/00185 22: 2020-02-13 23:
43: 2019-08-14
52: Class 23 24: Part A
71: Turret IP Pty Ltd
33: AU 31: 201914574 32: 2019-08-14
54: LIQUID INTAKES
57: The design is for a liquid intake for use with a pumping apparatus. The liquid intake comprises a generally saucer-shaped body having a convexly curved upper cover, a peripherally extending side wall and a lower base. The upper cover includes a centrally positioned circular formation and a series of D-shaped sections that are spaced equidistantly about a circumference.

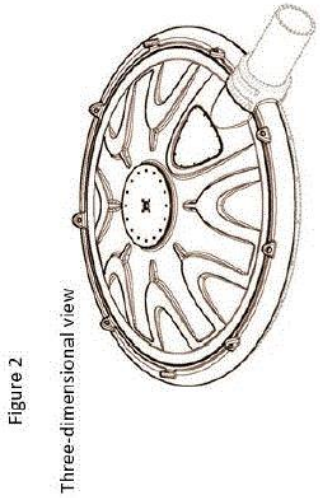


Figure 2
Three-dimensional view

21: A2020/00214 22: 2020-02-21 23:
43: 2019-08-22
52: Class 7 24: Part A
71: Jura Elektroapparate AG
33: EM(DE) 31: 006755765-0001 32: 2019-08-22
54: COFFEE MAKERS
57: The design is for a part of a coffee machine. The part comprises a transparent, generally rectangular, cylindrical container. A plurality of zigzag formations are defined on the container.

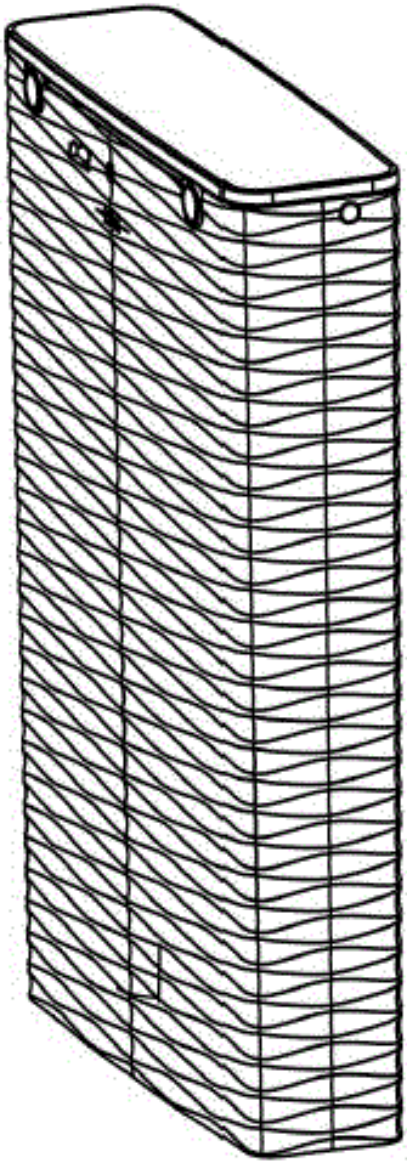


Figure 1

Three-dimensional view

21: A2020/00215 22: 2020-02-21 23:
43: 2019-08-22
52: Class 7 24: Part A
71: Jura Elektroapparate AG
33: EM(DE) 31: 006755765-0002 32: 2019-08-22
54: COFFEE MAKERS
57: The design is for a coffee machine. The coffee machine has a three-dimensional, generally rectangular body and a container located adjacent to the body. The coffee machine has a plurality of short dispensing tubes. A platform for coffee cups comprises parallel strip formations. A front face of the body comprises a pair of opposing convexly shaped vertical panels located on either side of the dispensing tubes and a concavely shaped horizontal panel located beneath the dispensing tubes. The container is transparent and is a generally rectangular cylinder. A plurality of zigzag formations are defined on the container.

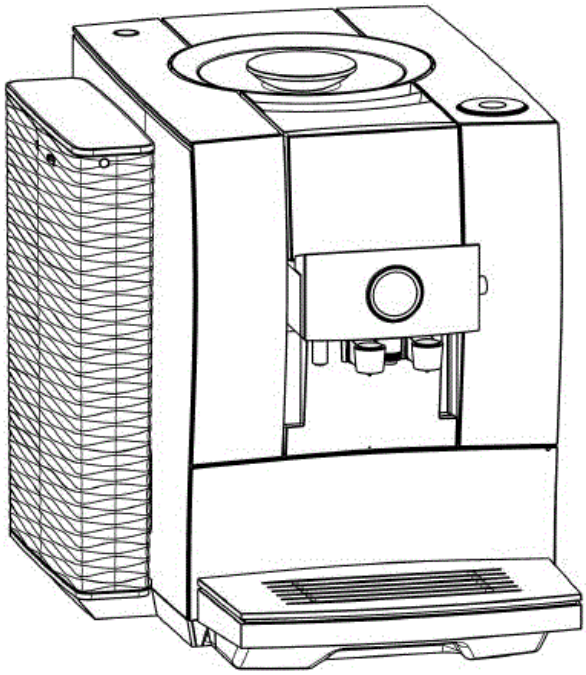


Figure 1

Three-dimensional view

21: A2020/00287 22: 2020-03-04 23:
43: 2019-09-05
52: Class 13 24: Part A
71: Techtronic Cordless GP
33: US 31: 29/704,579 32: 2019-09-05
54: CHARGERS
57: The newness and distinctiveness of the design resides in the features of shape and/or configuration of a charger terminal arrangement for a charger as illustrated in the representations. The charger features shown in dotted lines are provided to give context to the nature and use of the design, but do not form part of the design. The noncontinuous lines on the features of the design clarify the shape and form of the surfaces shown, but are not surface markings or elements of pattern and ornamentation.

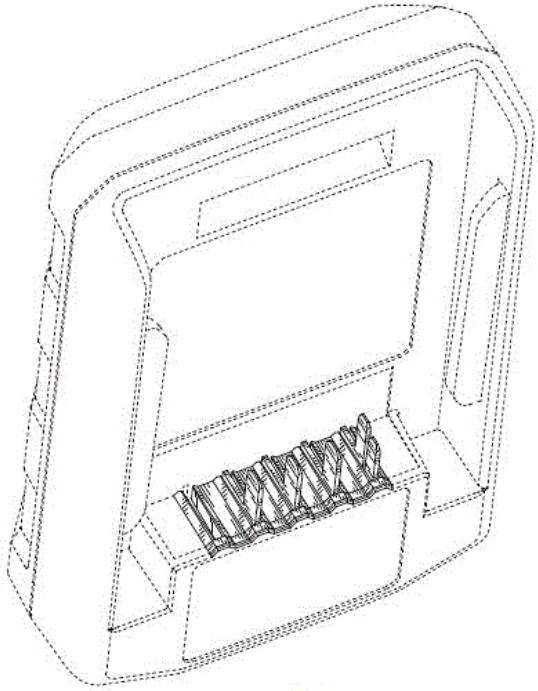


Figure 1

Three-dimensional view

21: A2020/00288 22: 2020-03-04 23:
43: 2019-09-05
52: Class 13 24: Part A
71: Techtronic Cordless GP
33: US 31: 29/704,579 32: 2019-09-05
54: CHARGERS
57: The newness and distinctiveness of the design resides in the features of shape and/or configuration of a charger as illustrated in the representations.

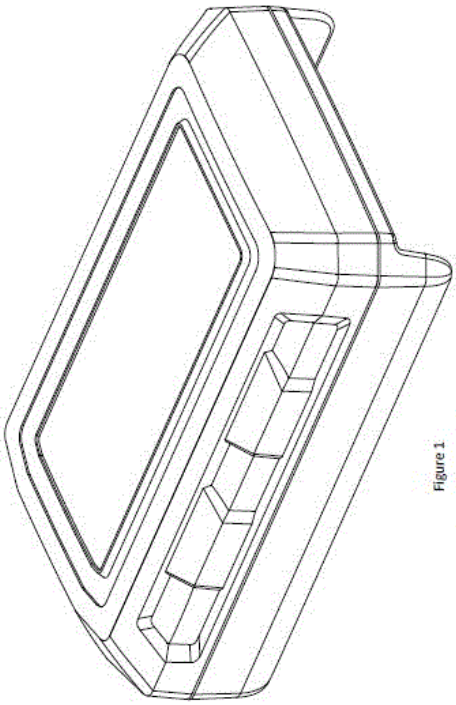


Figure 1

Three-dimensional view

21: A2020/00290 22: 2020-03-04 23:
43: 2019-09-05
52: Class 13 24: Part A
71: Techtronic Cordless GP
33: US 31: 29/704,580 32: 2019-09-05
54: CHARGERS
57: The newness and distinctiveness of the design resides in the features of shape and/or configuration of a battery charger interface as illustrated in the representations. The charger features shown in dotted lines are provided to give context to the nature and use of the design, but do not form part of the design. The non-continuous lines on the features of the design clarify the shape and form of the surfaces shown, but are not surface markings or elements of pattern and ornamentation.

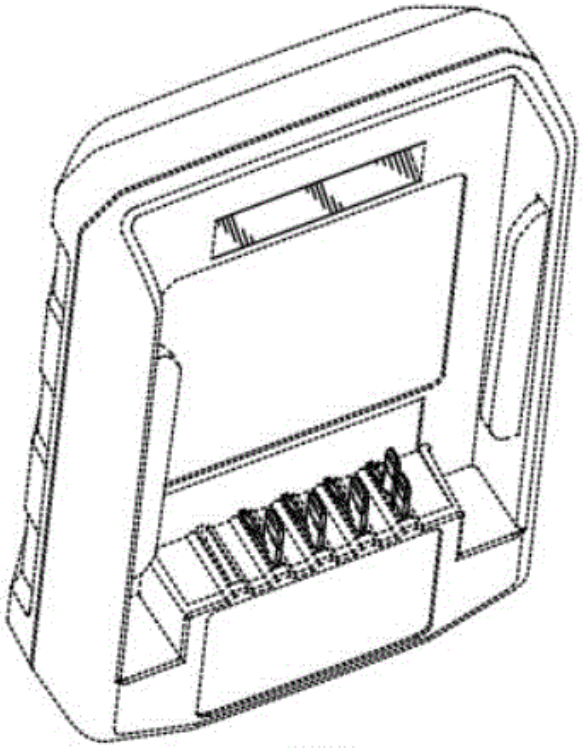


Figure 1

Three-dimensional view

21: A2020/00294 22: 2020-03-04 23:
43: 2019-09-05
52: Class 13 24: Part A
71: Techtronic Cordless GP
33: US 31: 29/704,575 32: 2019-09-05
54: BATTERIES
57: The newness and distinctiveness of the design resides in the features of shape and/or configuration of a battery interface locating arrangement as illustrated in the representations. The battery features shown in dotted lines are provided to give context to the nature and use of the design, but do not form part of the design. The non-continuous lines on the features of the design clarify the shape and form of the surfaces shown, but are not surface markings or elements of pattern and ornamentation.

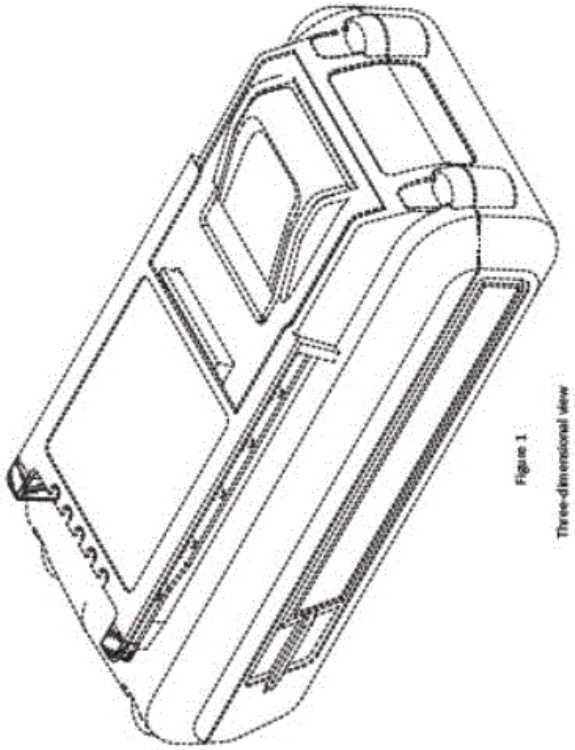
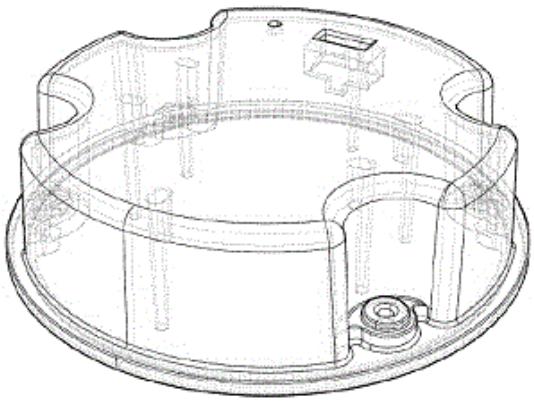


Figure 1

Three-dimensional view

21: A2020/00298 22: 2020-03-04 23:
43: 2020-11-17
52: Class 26. 24: Part A
71: SONNENGLAS GMBH
33: EM 31: 007717210 32: 2020-02-26
54: Casing for a Solar Light
57: The design relates to a casing for a solar light. The features of the design are those of shape and/or configuration and/or ornamentation.

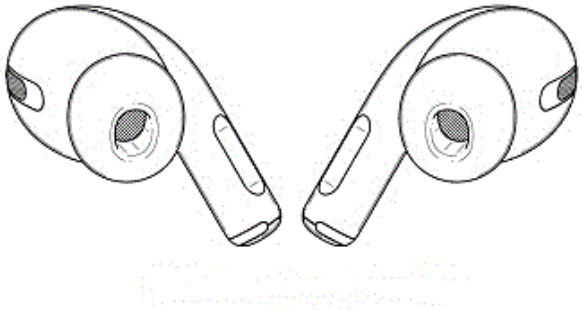


TOP PERSPECTIVE VIEW

21: A2020/00305 22: 2020-03-05 23:
43: 2020-11-25
52: Class 16 24: Part A
71: UVEX ARBEITSSCHUTZ GMBH
33: EM 31: 007 070 388 32: 2019-10-22
54: SAFETY GOGGLES
57: The drawing shows a perspective view of a safety goggle showing the overall appearance thereof.

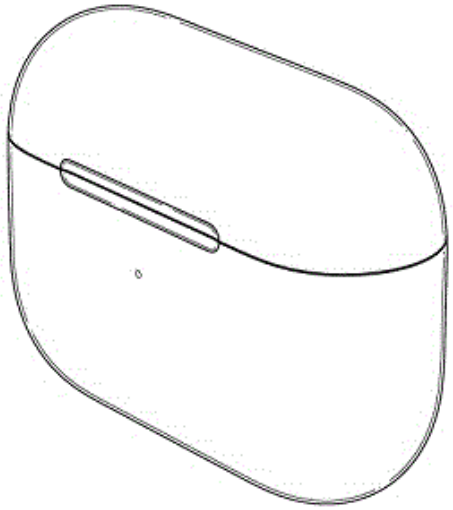
21: A2020/00311 22: 2020-03-09 23:
43: 2020-11-24
52: Class 14. 24: Part A
71: APPLE INC.
33: US 31: 29/705,727 32: 2019-09-13
54: Earphones

57: The design relates to earphones. The features of the design are those of shape and/or configuration and/or ornamentation.



FRONT PERSPECTIVE VIEW
OF A PAIR OF EARPHONES

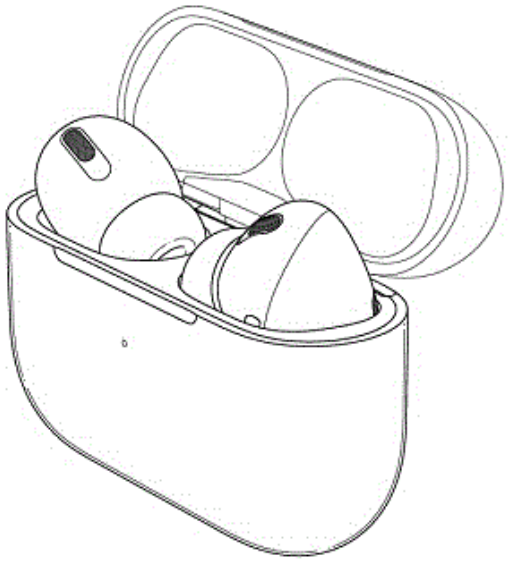
21: A2020/00312 22: 2020-03-09 23:
43: 2020-11-24
52: Class 3. 24: Part A
71: APPLE INC.
33: US 31: 29/705,726 32: 2019-09-13
54: Case
57: The design relates to a case. The features of the design are those of shape and/or configuration and/or ornamentation.



FRONT PERSPECTIVE VIEW

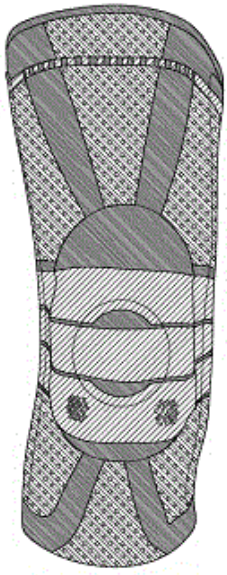
21: A2020/00313 22: 2020-03-09 23:
43: 2020-11-24
52: Class 3. 24: Part A
71: APPLE INC.
33: US 31: 29/705,726 32: 2019-09-13
54: Case with Earphones

57: The design relates to a case with earphones. The features of the design are those of shape and/or configuration and/or ornamentation.



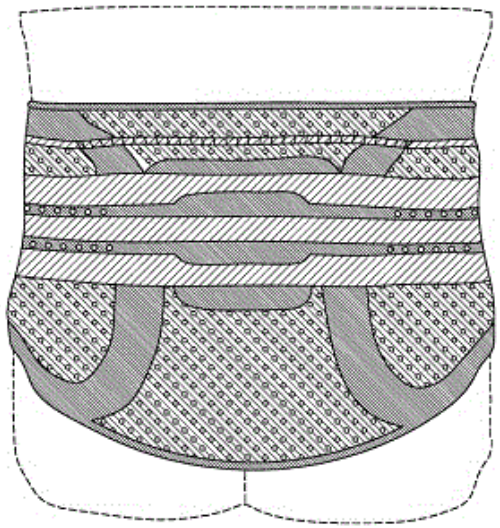
FRONT PERSPECTIVE VIEW

21: A2020/00314 22: 2020-03-09 23:
43: 2020-11-24
52: Class 24. 24: Part A
71: BAUERFEIND AG
33: EM 31: 006861795-0001 32: 2019-09-12
54: Knee Support
57: The design relates to a knee support. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



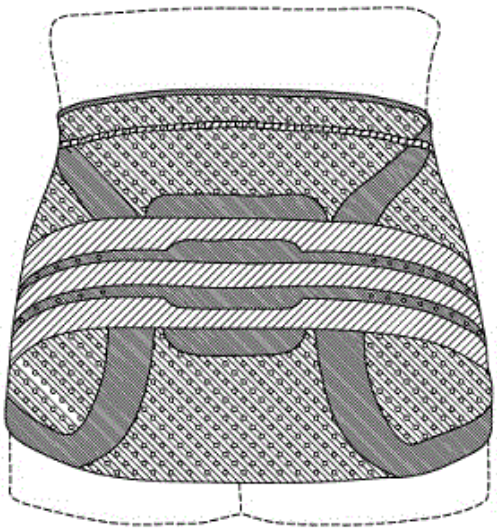
FRONT VIEW

21: A2020/00315 22: 2020-03-09 23:
43: 2020-11-24
52: Class 24. 24: Part A
71: BAUERFEIND AG
33: EM 31: 006861795-0002 32: 2019-09-12
54: Back Support
57: The design relates to a back support. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



REAR VIEW

21: A2020/00316 22: 2020-03-09 23:
43: 2020-11-24
52: Class 24. 24: Part A
71: BAUERFEIND AG
33: EM 31: 006861795-0003 32: 2019-09-12
54: Back Support
57: The design relates to a back support. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



REAR VIEW

21: A2020/00331 22: 2020-03-11 23:
43: 2020-03-11
52: Class 12 24: Part A
71: SUPERCART SOUTH AFRICA (PTY) LTD
54: TROLLEY CHASSIS
57: The design is applied to a trolley chassis for a steel trolley, the chassis defining an integrated handle. The features of the design for which protection is claimed include the shape and/or configuration of a trolley chassis, substantially as illustrated in the accompanying representations. The dotted portions are disclaimed and do not form any part of the claimed design.

21: A2020/00343 22: 2020-03-12 23:
43: 2019-10-04
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/708,298 32: 2019-10-04
54: BUCKET 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 bucket shroud, also known as a wear member, which can be attached to a bucket for ground engaging machinery.

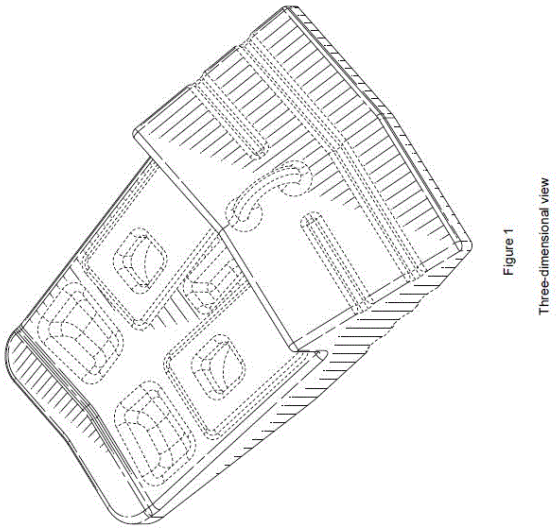


Figure 1
Three-dimensional view

21: A2020/00344 22: 2020-03-12 23:
43: 2019-10-04
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/708,296 32: 2019-10-04
54: BUCKET 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 bucket shroud, also known as a wear member, which can be attached to a bucket for ground engaging machinery.

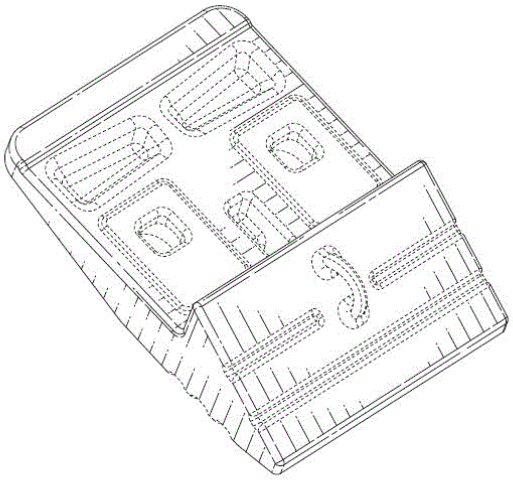


Figure 1

Three-dimensional view

21: A2020/00345 22: 2020-03-12 23:
43: 2019-10-04
52: Class 15 24: Part A
71: Caterpillar Inc.
33: US 31: 29/708,299 32: 2019-10-04
54: BUCKET 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 bucket shroud, also known as a wear member, which can be attached to a bucket for ground engaging machinery.

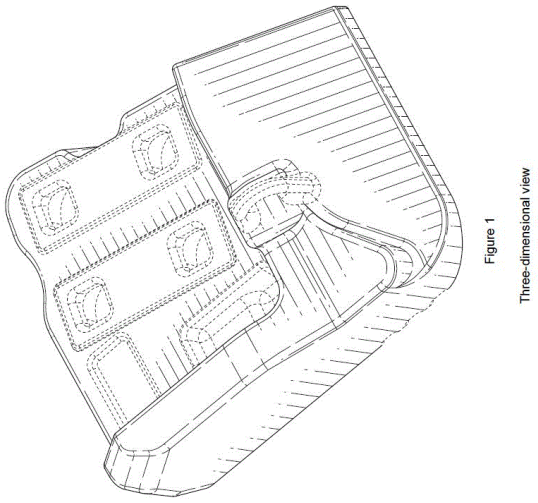


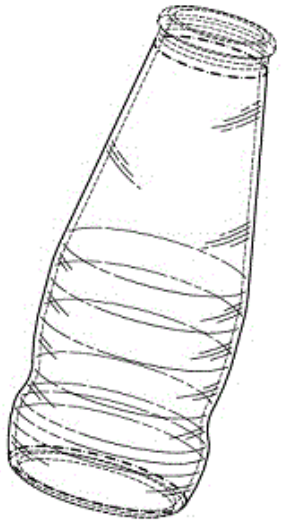
Figure 1

Three-dimensional view

21: A2020/00346 22: 2020-03-12 23:
43: 2020-11-17
52: Class 12. 24: Part A
71: NISSAN JIDOSHA KABUSHIKI KAISHA (ALSO TRADING AS NISSAN MOTOR CO., LTD.)
33: JP 31: 2019-020634 32: 2019-09-13
54: Automobile
57: The design relates to an automobile. The features of the design are those of shape and/or configuration and/or ornamentation.

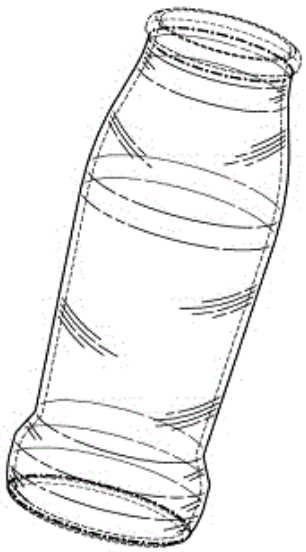
FRONT PERSPECTIVE VIEW

21: A2020/00347 22: 2020-03-12 23:
43: 2020-11-17
52: Class 9. 24: Part A
71: OWENS-BROCKWAY GLASS CONTAINER INC.
33: US 31: 29/705,506 32: 2019-09-12
54: Container
57: The design relates to a container. The features of the design are those of shape and/or configuration and/or ornamentation.



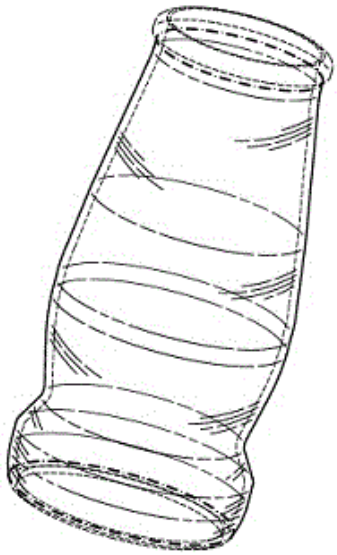
PERSPECTIVE VIEW

21: A2020/00348 22: 2020-03-12 23:
43: 2020-11-17
52: Class 9. 24: Part A
71: OWENS-BROCKWAY GLASS CONTAINER INC.
33: US 31: 29/705,508 32: 2019-09-12
54: Container
57: The design relates to a container. The features of the design are those of shape and/or configuration and/or ornamentation.



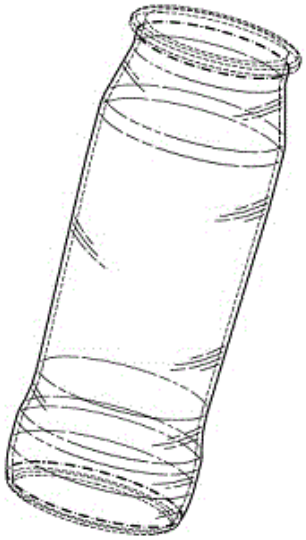
PERSPECTIVE VIEW

21: A2020/00349 22: 2020-03-12 23:
43: 2020-11-17
52: Class 9. 24: Part A
71: OWENS-BROCKWAY GLASS CONTAINER INC.
33: US 31: 29/705,509 32: 2019-09-12
54: Container
57: The design relates to a container. The features of the design are those of shape and/or configuration and/or ornamentation.



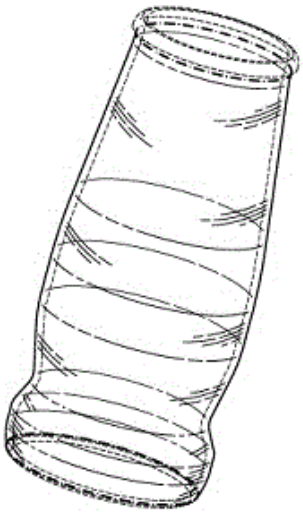
PERSPECTIVE VIEW

21: A2020/00350 22: 2020-03-12 23:
43: 2020-11-17
52: Class 9. 24: Part A
71: OWENS-BROCKWAY GLASS CONTAINER INC.
33: US 31: 29/705,511 32: 2019-09-12
54: Container
57: The design relates to a container. The features of the design are those of shape and/or configuration and/or ornamentation.



PERSPECTIVE VIEW

21: A2020/00351 22: 2020-03-12 23:
43: 2020-11-17
52: Class 9. 24: Part A
71: OWENS-BROCKWAY GLASS CONTAINER INC.
33: US 31: 29/705,509 32: 2019-09-12
54: Container
57: The design relates to a container. The features of the design are those of shape and/or configuration and/or ornamentation.



PERSPECTIVE VIEW

21: A2020/00356 22: 2020-03-13 23:
43: 2020-11-17
52: Class 12. 24: Part A
71: SUMITOMO RUBBER INDUSTRIES, LTD.
54: Tire for an Automobile
57: The design relates to a tire for an automobile. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

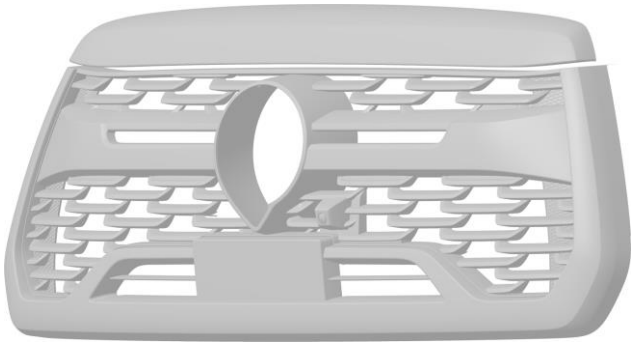
PERSPECTIVE VIEW

21: A2020/00361 22: 2020-03-16 23:
43: 2020-11-25
52: Class 12 24: Part A
71: Great Wall Motor Company Limited
33: CN 31: 201930508742.9 32: 2019-09-17
54: VEHICLE
57: The design is for a vehicle in the form of a four door, double cabin utility vehicle.

21: A2020/00362 22: 2020-03-16 23:
43: 2020-11-19
52: Class 12 24: Part A
71: Great Wall Motor Company Limited
33: CN 31: 201930508743.3 32: 2019-09-17
54: VEHICLE ROLL BAR
57: The design is for a vehicle roll bar which includes two angularly arched tubes that are spaced apart with two truncated cross tubes and flanges between

them and with rearward extensions from the bottom of one of said tubes.

21: A2020/00363 22: 2020-03-16 23:
43: 2020-11-19
52: Class 12 24: Part A
71: Great Wall Motor Company Limited
33: CN 31: 201930508700.5 32: 2019-09-17
54: VEHICLE GRILLE
57: The design is for a vehicle grille that is slightly curved in top view and comprises a smaller, solid upper part and a larger bottom part with a profiled aperture in the centre, surrounded by a grid.



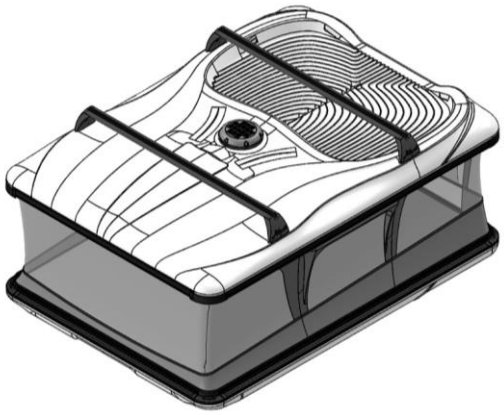
21: A2020/00364 22: 2020-03-16 23:
43: 2020-11-19
52: Class 12 24: Part A
71: Great Wall Motor Company Limited
33: CN 31: 201930508744.8 32: 2019-09-17
54: VEHICLE FRONT BUMPER
57: The design is for a vehicle grille that is slightly curved in top view and defines a rectangular central aperture and two generally trapezoidal apertures on opposing sides of the central aperture.

21: A2020/00370 22: 2020-03-18 23:
43: 2020-11-18
52: Class 14 24: Part A
71: AJAX SYSTEMS CYPRUS HOLDINGS LTD
54: WIRELESS REMOTE CONTROL
57: Protection is claimed for the aesthetic features and/or the configuration of a wireless remote control device as shown in the accompanying representations. The portable wireless remote control device activates an alarm system remotely.

21: A2020/00371 22: 2020-03-18 23:
43: 2020-11-19
52: Class 10 24: Part A
71: AJAX SYSTEMS CYPRUS HOLDINGS LTD
33: WO 31: WIPO91516 32: 2020-01-27
54: WATER LEAK DETECTOR
57: Protection is claimed for the aesthetic features and/or the configuration of a water leak detector as shown in the accompanying representations here below.

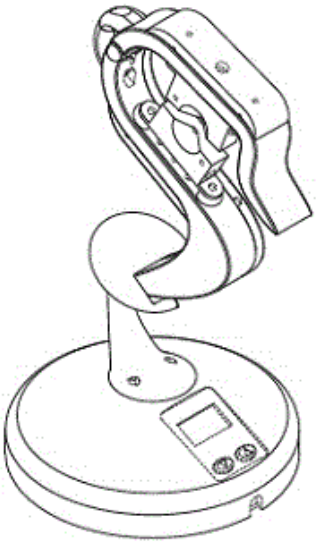
21: A2020/00374 22: 2020-03-18 23:
43: 2020-11-18
52: Class 21 24: Part A
71: CAPAVENTURE - EQUIPAMENTOS PARA LAZER E TEMPOS LIVRES, LDA.
33: EU 31: 007536628 32: 2020-01-20
54: ROOFTOP TENTS FOR VEHICLES

57: The design is for a rooftop tent for vehicles. Specifically, the design is for a rooftop tent having a shell which is adjustable between a closed configuration for travelling and an open configuration for use. The shell includes a base, which is attachable to a vehicle, and a roof, which provides at least two roof racks. The rooftop tent includes tent walls which are connected between the base and the roof. In the closed configuration, the base and the roof are secured together, with the tent walls held between them, to define an aerodynamic body. In the open configuration, the base and the roof are spaced apart in a vertical plane, the tent walls being extended between them, to define a hollow cuboid body. The roof further includes a stadium-shaped recess which provides a mirrored patterned grip thereon.



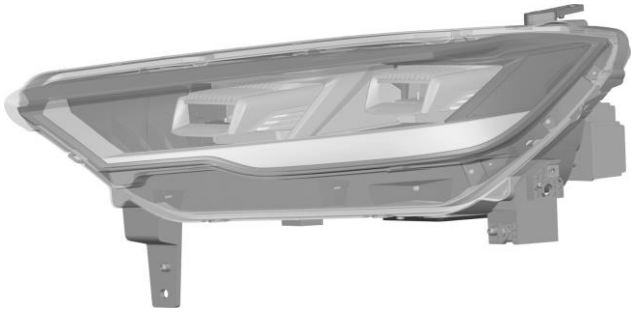
Three-dimensional view in an open configuration

21: A2020/00399 22: 2020-03-23 23:
43: 2020-11-17
52: Class 28. 24: Part A
71: TSHWANE UNIVERSITY OF TECHNOLOGY, SUNSHINE AVENUE (PTY) LTD
54: Braid Sealer Apparatus
57: The design relates to a braid sealer apparatus. The features of the design are those of shape and/or configuration and/or ornamentation.



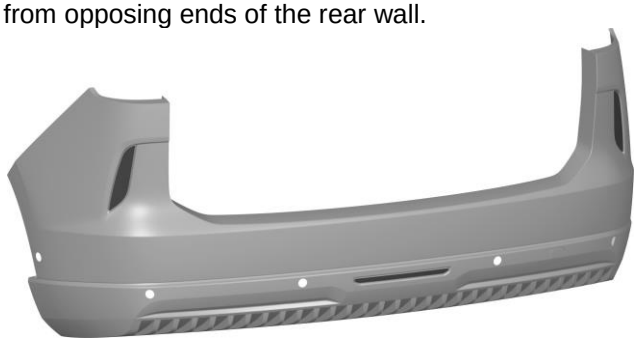
PERSPECTIVE VIEW

21: A2020/00412 22: 2020-05-04 23:
43: 2020-12-18
52: Class 26 24: Part A
71: GREAT WALL MOTOR COMPANY LIMITED
33: CN 31: 201930709889.4 32: 2019-12-18
54: FRONT COMBINATION LAMP FOR AN AUTOMOBILE
57: The design is for a front combination lamp for an automobile with a curved, transparent font lens with a trapezoidal profile and a housing behind the lens, which houses light sources

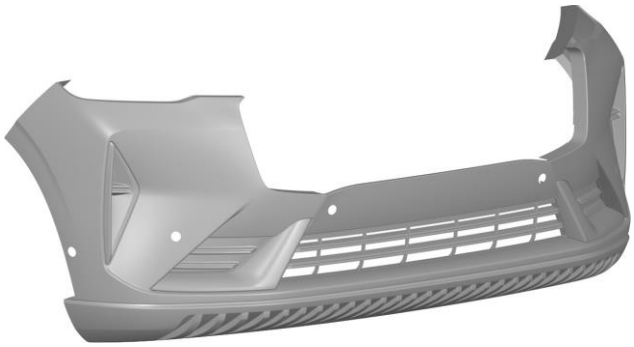


21: A2020/00413 22: 2020-05-04 23:
43: 2020-12-18
52: Class 12 24: Part A
71: GREAT WALL MOTOR COMPANY LIMITED
33: CN 31: 201930595637.3 32: 2019-10-31
54: VEHICLE
57: The design is for a vehicle in the form of a five door SUV.

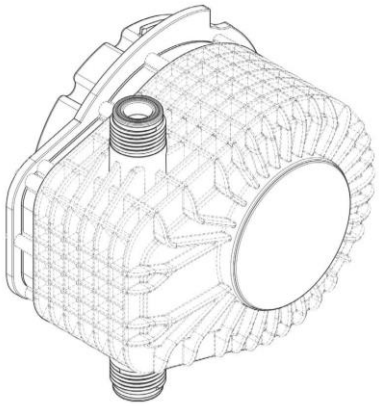
21: A2020/00414 22: 2020-05-04 23:
43: 2020-12-18
52: Class 12 24: Part A
71: GREAT WALL MOTOR COMPANY LIMITED
33: CN 31: 201930595643.9 32: 2019-10-31
54: VEHICLE REAR BUMPER
57: The design is for a vehicle rear bumper with a rear wall that is curved from side to side and a bottom wall that extends forward from a lower edge or the rear wall. Two protuberances extend upward from opposing ends of the rear wall.



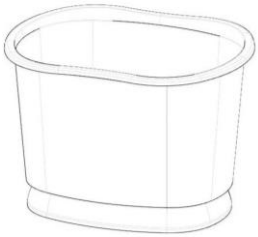
21: A2020/00415 22: 2020-05-04 23:
43: 2020-12-18
52: Class 12 24: Part A
71: GREAT WALL MOTOR COMPANY LIMITED
33: CN 31: 201930595646.2 32: 2019-10-31
54: VEHICLE FRONT BUMPER
57: The design is for a vehicle front bumper with a front wall that is curved from side to side and a bottom wall that extends rearward from a lower edge or the front wall. A central recess is defined at the top of the front wall with a trapezoidal grille is defined in the front wall, below the recess.



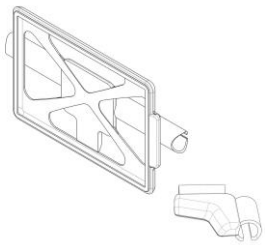
21: A2020/00436 22: 2020-05-04 23:
43: 2020-12-18
52: Class 15 24: Part A
71: qonqave GmbH
33: EU 31: 007122635-0002 32: 2019-10-25
54: FLUID PUMPS (PART OF -)
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).



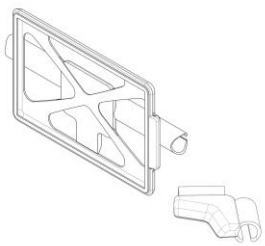
21: A2020/00437 22: 2020-05-04 23:
43: 2020-12-18
52: Class 07 24: Part A
71: Polyoak Packaging (Pty) Ltd
54: TUB
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).



21: A2020/00477 22: 2020-05-04 23:
43: 2020-12-18
52: Class 14 24: Part A
71: SIBIYA, Sifiso Alfred
54: SET OF MOUNTS
57: The design relates to a Set of mounts. The features of the design are those of shape and/or pattern and/or configuration.

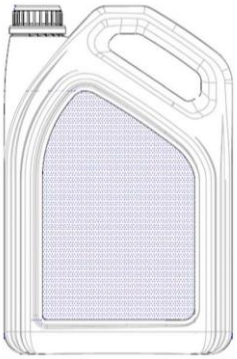


21: A2020/00482 22: 2020-05-04 23:
43: 2020-12-18
52: Class 8 24: Part A
71: SIBIYA, Sifiso Alfred
54: SET OF MOUNTS
57: The design relates to a Set of mounts. The features of the design are those of shape and/or pattern and/or configuration.

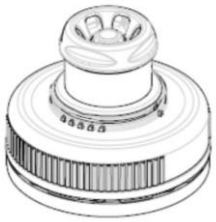


21: A2020/00501 22: 2020-05-04 23:
43: 2020-12-18
52: Class 07 24: Part A
71: Polyoak Packaging (Pty) Ltd
54: TUB
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).

21: A2020/00503 22: 2020-05-04 23:
43: 2020-12-18
52: Class 09 24: Part A
71: Polyoak Packaging (Pty) Ltd
54: CONTAINER
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).

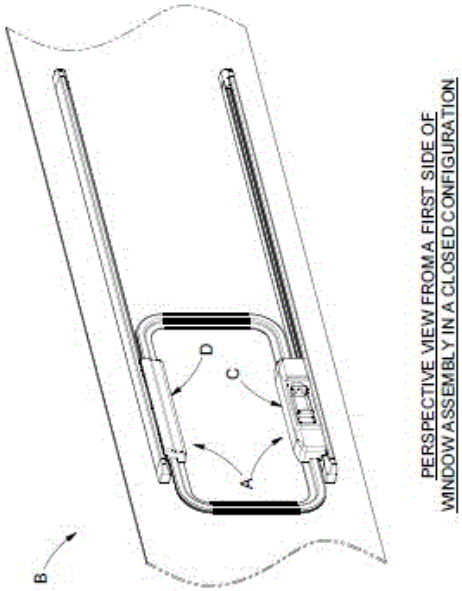


21: A2020/00505 22: 2020-05-04 23:
43: 2020-12-18
52: Class 09 24: Part A
71: Polyoak Packaging (Pty) Ltd
54: CAP
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).

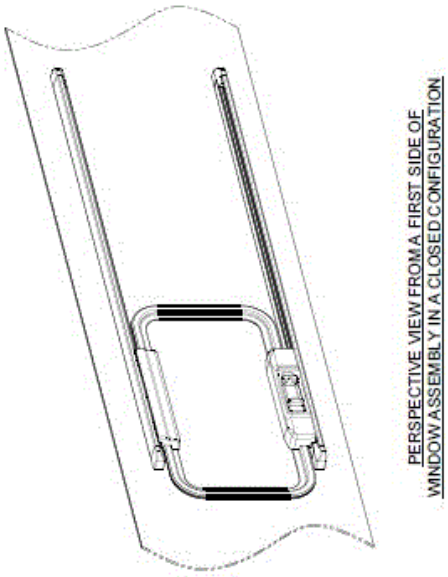


21: A2020/00508 22: 2020-05-04 23:
43: 2020-12-18
52: Class 09 24: Part A
71: Polyoak Packaging (Pty) Ltd
54: CAP
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).

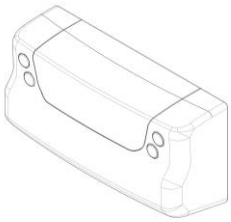
21: A2020/00534 22: 2020-05-06 23:
43: 2020-12-18
52: Class 25 24:
71: PANORAMIC COMPONENTS (PTY) LTD
54: A WINDOW ASSEMBLY
57: The features of the design for which protection is claimed reside in the shape and/or configuration of a lock and guide assembly A of a window assembly B, the lock and guide assembly A comprising a first part C and a second part D.



21: A2020/00535 22: 2020-05-06 23:
43: 2020-12-18
52: Class 25 24:
71: PANORAMIC COMPONENTS (PTY) LTD
54: A WINDOW ASSEMBLY
57: The features of the design for which protection is claimed reside in the shape and/or configuration of a window assembly, substantially as illustrated in the accompanying drawings.



21: A2020/00602 22: 2020-05-19 23:
43: 2020-12-17
52: Class 12 24: Part A
71: SHAN, Justin Jonathan
54: TOW BAR MOUNTABLE CARRIER
57: The design relates to a Tow bar mountable carrier. The features of the design are those of shape and/or pattern and/or configuration and/or ornamentation.



21: F2018/01430 22: 2018-09-14 23:
43: 2018-09-14
52: Class 30 24: Part F
71: CTB, Inc.
54: FEEDERS
57: The design is for a feeder. The feeder has a generally bulbous body located on a base. The base has a circular profile when viewed from a top with outer edges being upwardly curved. An underside of the base comprises a planar ring with a recess on an inside thereof. The recess comprises varyingly angled contiguous sections which together taper inwardly and upwardly. Circumferentially spaced radially extending vertical fins project outwardly from the body. The fins curve upwardly and inwardly towards near a top of the body. The body has a scalloped rim joining the fins. A ring is located on top of the body.

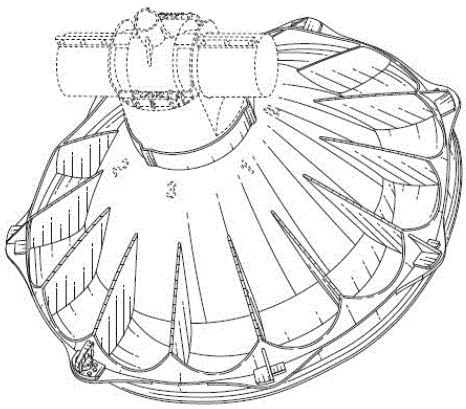
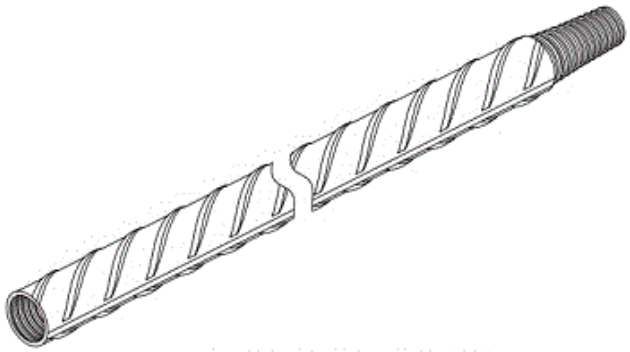


Figure 1

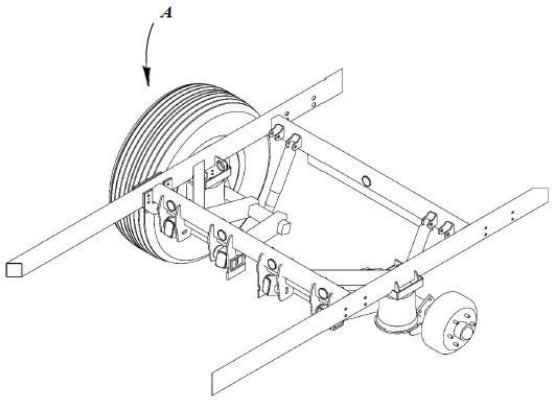
Three-dimensional view

21: F2018/01855 22: 2018-11-30 23:
43: 2020-11-24
52: Class 8. 24: Part F
71: MINOVA AFRICA (PTY) LTD.
54: Rock Bolt Segment
57: The design relates to a rock bolt segment. The features of the design are those of shape and/or configuration and/or pattern.

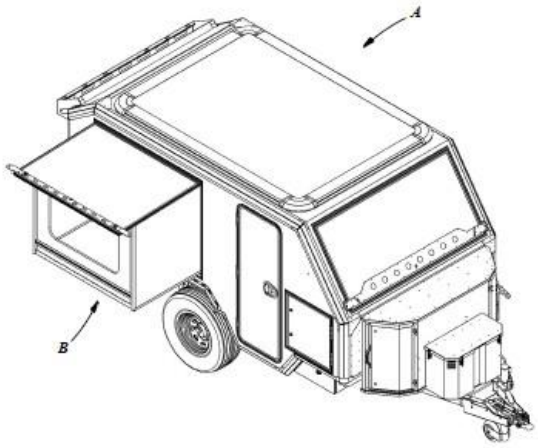


PERSPECTIVE VIEW OF ROCK BOLT SEGMENT

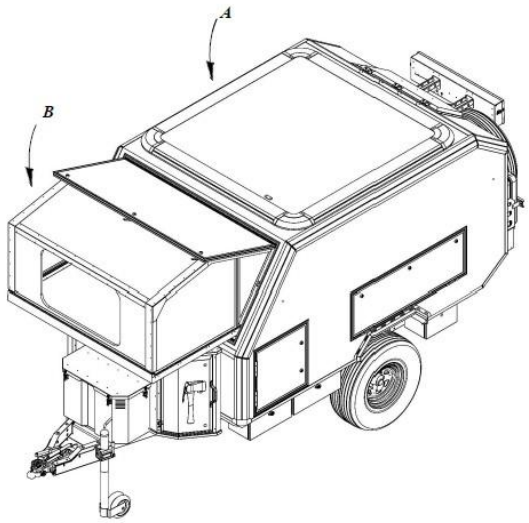
21: F2019/00396 22: 2019-02-22 23:
43: 2020-10-13
52: Class 12 24: Part F
71: JACOBUS MARTTHINUS DE VRIES
54: SUSPENSION CONFIGURATION
57: The design relates to a SUSPENSION CONFIGURATION. The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of the SUSPENSION CONFIGURATION substantially as illustrated in the accompanying representations. The pattern and/or shape and/or configuration of the trailer A is not claimed.



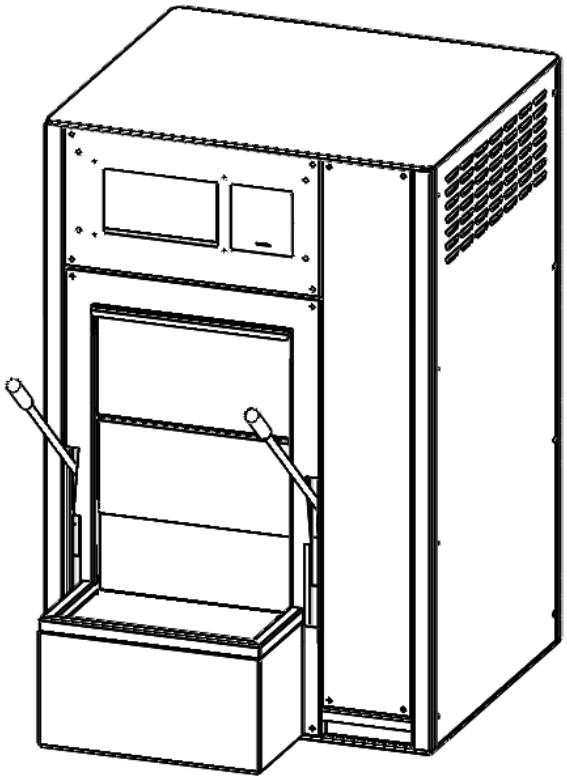
21: F2019/00398 22: 2019-02-22 23:
43: 2020-10-13
52: Class 12 24: Part F
71: JACOBUS MARTTHINUS DE VRIES
54: TRAILER SIDE FOLD-OUT BED
57: The design relates to a TRAILER SIDE FOLD-OUT BED B. The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of the TRAILER SIDE FOLD-OUT BED B substantially as illustrated in the accompanying representations. The pattern and/or shape and/or configuration of the trailer A is not claimed.



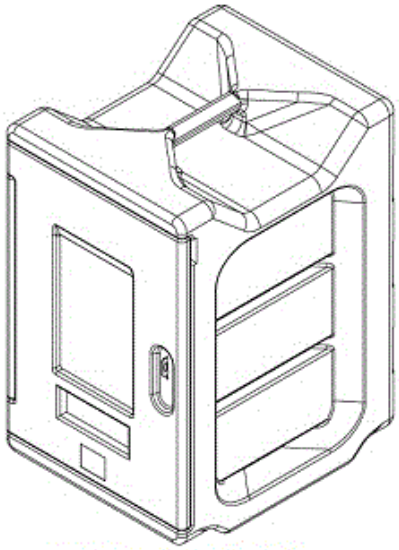
21: F2019/00399 22: 2019-02-22 23:
43: 2020-10-13
52: Class 12 24: Part F
71: JACOBUS MARTTHINUS DE VRIES
54: TRAILER FRONT FOLD-OUT BED
57: The design relates to a TRAILER FRONT FOLD-OUT BED B. The features of the design for which protection is claimed include the pattern and/or shape and/or configuration of the TRAILER FRONT FOLD-OUT BED B substantially as illustrated in the accompanying representations. The pattern and/or shape and/or configuration of the trailer A is not claimed.



21: F2019/00406 22: 2019-03-28 23:
43: 2019-11-15
52: Class 07 24: Part F
71: KOMBO KING (PTY) LTD
54: FRYERS
57: The design is for a fryer with a loading chute at the front and that semi-automatically discharges fried food at its front.

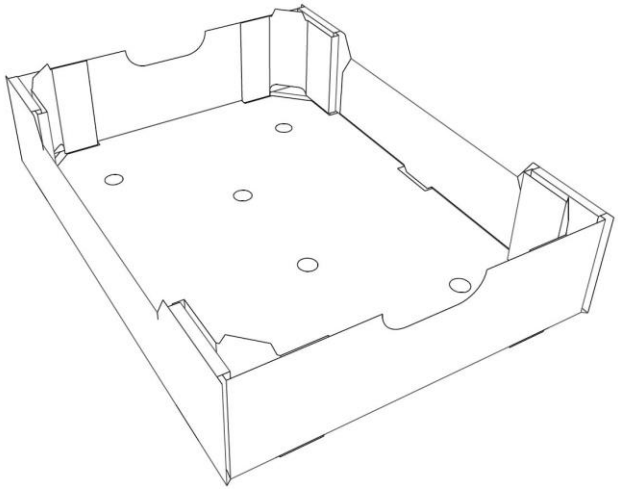


21: F2019/00615 22: 2019-05-13 23:
43: 2020-11-05
52: Class 9. 24: Part F
71: TRACEABLE RISK MONITORING CC
54: Aviation Locker
57: The design relates to a storage container. The features of the design are those of shape and/or configuration.

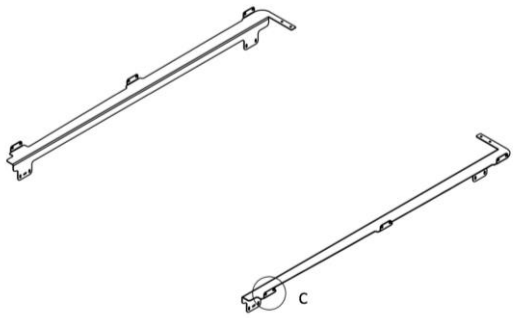


PERSPECTIVE VIEW

21: F2019/00795 22: 2019-06-10 23:
43: 2020-02-10
52: Class 09 24: Part F
71: APL Cartons (Pty) Ltd
54: CONTAINER
57: The design is for a rectangular container in the form of a tray for transport and storage of fresh produce, with reinforced corners. Each corner includes an angled upstanding tab that is receivable in a diagonal slot in the underside of another such container above.

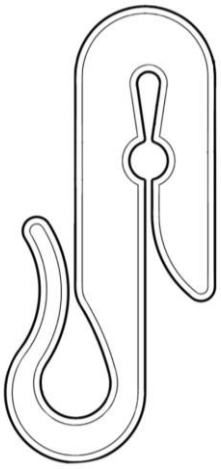


21: F2019/01038 22: 2019-07-31 23:
43: 2020-12-14
52: Class 12 24: Part F
71: Vonkdevelopment CC
54: MOUNTING BRACKETS
57: The design is for a mounting bracket for use with a load bin rack to allow the load bin rack and a cover to be simultaneously attached to a vehicle's load bin. The mounting bracket is in the form of an elongated L-shape member which in use rests on an upper side of the vehicle's load bin. The mounting bracket includes two sets of flanges which extends from opposed sides of the mounting bracket. The first set of flanges defining load bin rack attachment means which extends upwards from an outer side of the mounting bracket to which the load bin rack can be attached. The second set of flanges defining load bin attachment means which extends downwards from an inner side of the mounting bracket and which in use is allows the mounting bracket to be secured to an inside of the vehicle's load bin.



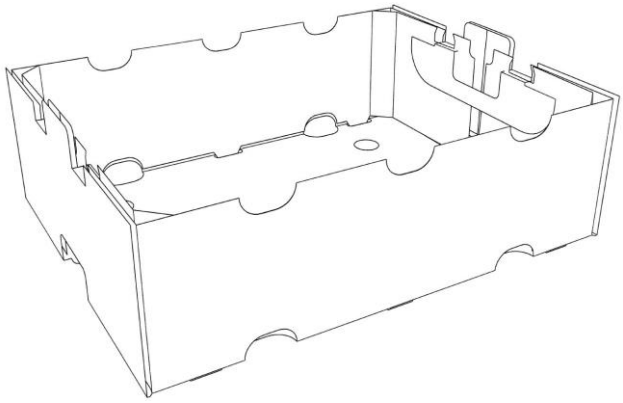
THREE-DIMENSIONAL VIEW

21: F2019/01047 22: 2019-07-31 23:
43: 2020-12-14
52: Class 07 24: Part F
71: POTGIETER, Brett Peter
54: CLOTHES PEGS
57: The design is for a peg, specifically for a clothing peg. The peg is defined by a planar body with has central portion and a pair of U-shaped members extending from opposed ends of the central member in opposed directions. The pair of U-shaped members defined by a first member which extends from a top section of central portion and a second member extending from a bottom section of the central portion. A longitudinal slit is formed between the first U-shaped member and the central portion with the slit having a tapered opening allowing an item of clothing to be received into the slit. The peg includes an aperture located within the slit for receiving and holding the clothing line. The second U-shaped member is in the form of a rounded hook for receiving an additional item of clothing.



FRONT VIEW

21: F2019/01400 22: 2019-09-20 23:
43: 2020-05-26
52: Class 09 24: Part F
71: APL Cartons (Pty) Ltd
54: CONTAINER
57: The design is for a rectangular container for transport and storage of fresh produce, with reinforced corners and flaps and two opposing ends, which are folded inwards over the end walls, to hold different parts of each end wall in position.



21: F2020/00184 22: 2020-02-13 23:
43: 2019-08-14
52: Class 23 24: Part F
71: Turret IP Pty Ltd
33: AU 31: 201914574 32: 2019-08-14
54: LIQUID INTAKES
57: The design is for a liquid intake for use with a pumping apparatus. The liquid intake comprises a generally saucer-shaped body having a convexly curved upper cover, a peripherally extending side wall and a lower base. The upper cover includes a centrally positioned circular formation and a series of D-shaped sections that are spaced equidistantly about a circumference.

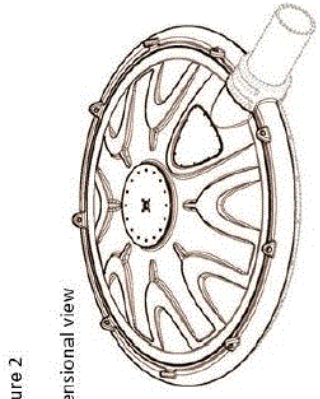
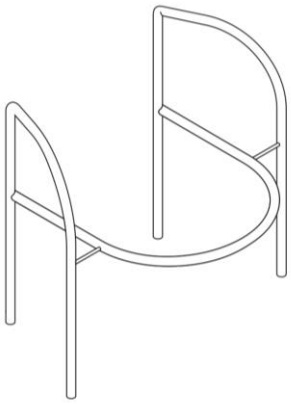
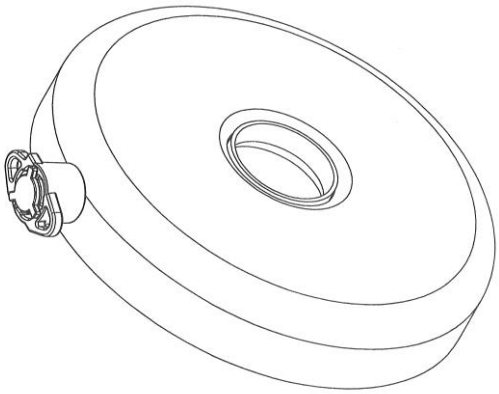


Figure 2
Three-dimensional view

21: F2020/00283 22: 2020-03-03 23:
43: 2020-11-25
52: Class 25 24: Part F
71: HUTCHINSON, Hector Errol
54: HANDRAIL ASSEMBLY
57: The novelty of this design resides in the shape and configuration of a HANDRAIL ASSEMBLY substantially as shown in the drawings.

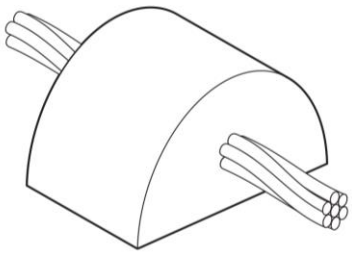


21: F2020/00284 22: 2020-03-04 23:
43: 2020-11-24
52: Class 08 24: Part F
71: INNOVATIVE MINING PRODUCTS (PTY) LTD
54: PROP PRESTRESSING INFLATABLE DEVICE
57: A novel design to the shape or configuration of a prop prestressing inflatable device.

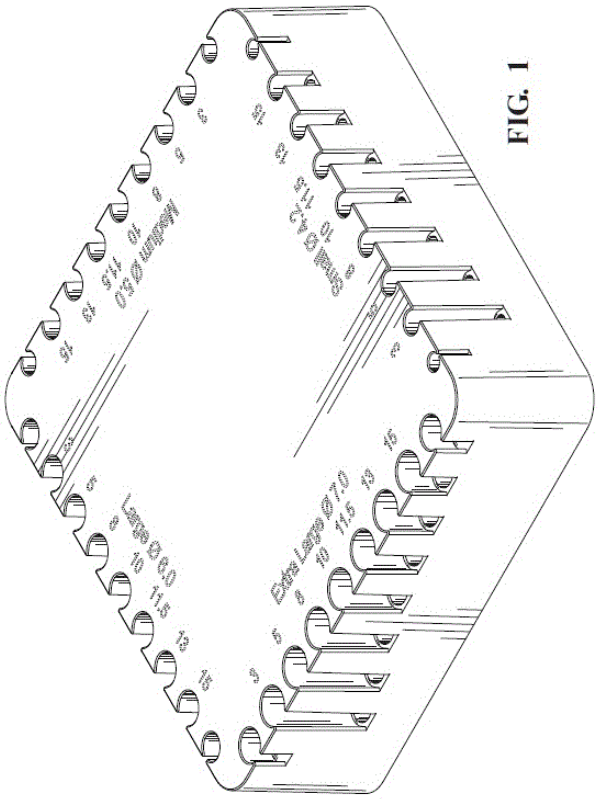


21: F2020/00332 22: 2020-03-11 23:
43: 2020-03-11
52: Class 12 24: Part F
71: SUPERCART SOUTH AFRICA (PTY) LTD
54: TROLLEY CHASSIS
57: The design is applied to a trolley chassis for a steel trolley, the chassis defining an integrated handle. The features of the design for which potection is claimed include the shape and/or configuration of a trolley chassis, substantially as illustrated in the accompanying representations. The dotted portions are disclaimed and do not form any part of the claimed design.

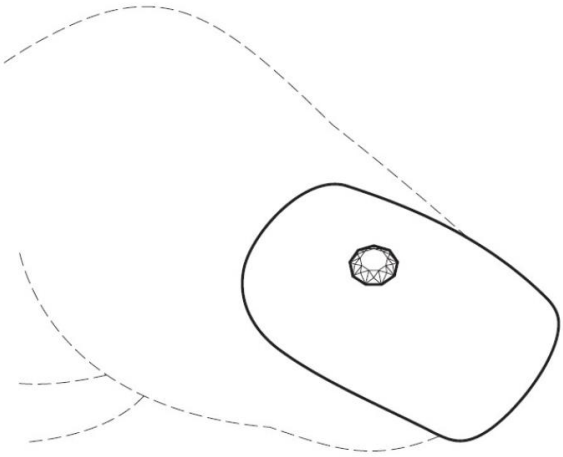
21: F2020/00360 22: 2020-03-16 23:
43: 2020-11-25
52: Class 23 24: Part F
71: Mopani Trust
54: FIRELIGHTER
57: The novelty of this design resides in the shape and configuration of a FIRELIGHTER substantially as shown in the drawings.



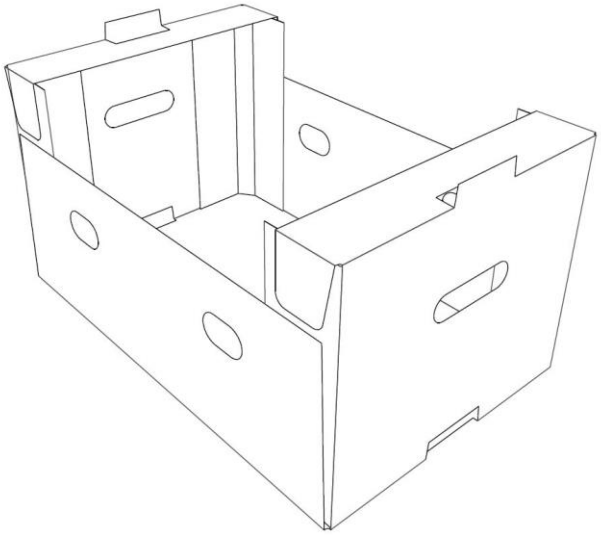
21: F2020/00366 22: 2020-03-17 23:
43: 2020-11-19
52: Class 24 24: Part F
71: VERSAH, LLC
33: US 31: 29/706,323 32: 2019-09-19
54: SURGICAL TOOL HOLDER
57: The design is applied to a surgical tool holder shown in top perspective view in the drawing showing the overall appearance thereof.



21: F2020/00373 22: 2020-03-18 23:
43: 2020-11-25
52: Class 11 24: Part F
71: VILJOEN, Melany Juanita
54: DIAMOND DECORATED NAIL
57: The features of this design for which protection are claimed include the configuration of a decorated nail substantially as illustrated in the accompanying representations.



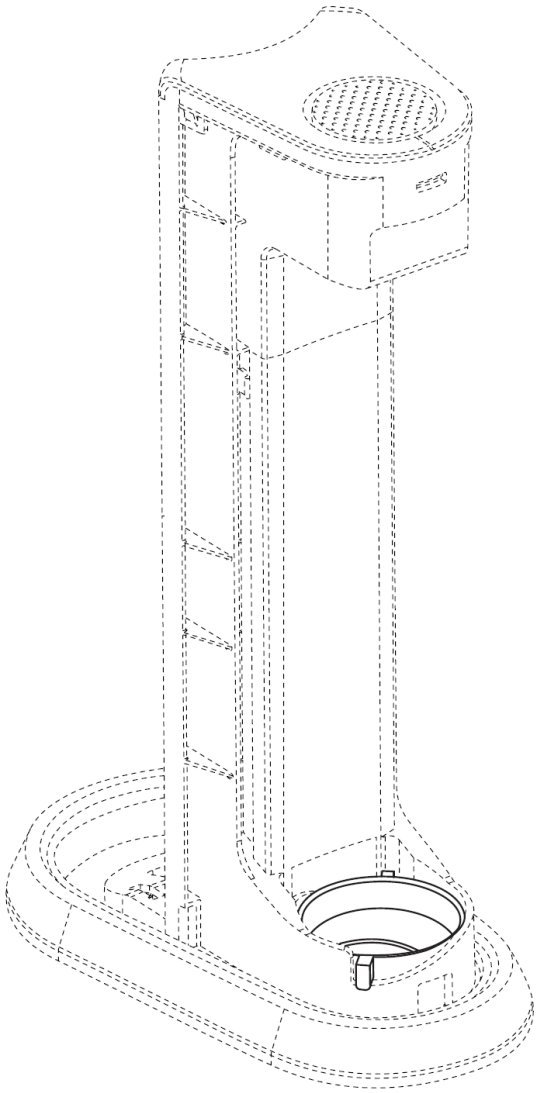
21: F2020/00401 22: 2020-03-23 23:
43: 2020-11-18
52: Class 09 24: Part F
71: APL Cartons (Pty) Ltd
54: CONTAINER
57: The design is for a container with a rectangular base, opposing side walls and opposing end walls of a height that is higher than the side walls, with triangulated corners and ledges extending inward from the upper edges of the end walls.



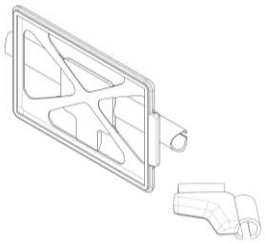
21: F2020/00406 22: 2020-05-04 23:
43: 2020-12-18
52: Class 24 24: Part F
71: Bobo Motorhomes CC t/a Motorhome-World
54: BAG VALVE MASK
57: The design is for a bag valve mask which includes a holder and a pneumatic drive assembly that is configured to compress a body of the gab valve mask repeatedly.

21: F2020/00408 22: 2020-05-04 23:
43: 2020-12-18
52: Class 31 24: Part F
71: Sodastream Industries Ltd.
33: IL 31: 64252 32: 2019-10-10

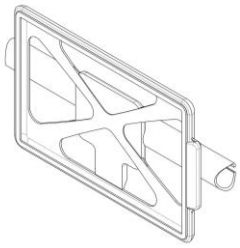
54: CARBONATION MECHANISMS
57: The design is for a carbonation mechanism as shown in the representations



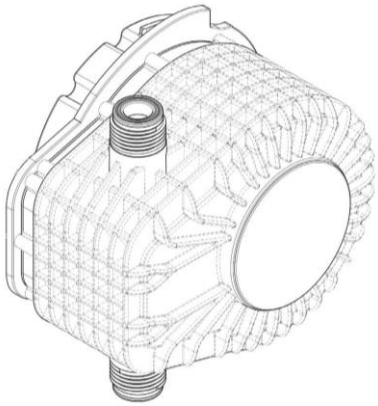
21: F2020/00450 22: 2020-05-04 23:
43: 2020-12-04
52: Class 8 24: Part F
71: SIBIYA, Sifiso Alfred
54: SET OF MOUNTS
57: The design relates to a Set of mounts. The features of the design are those of shape and/or pattern and/or configuration.



21: F2020/00484 22: 2020-05-04 23:
43: 2020-12-18
52: Class 8 24: Part F
71: SIBIYA, Sifiso Alfred
54: SCREEN MOUNT
57: The design relates to a Screen mount. The features of the design are those of shape and/or pattern and/or configuration.

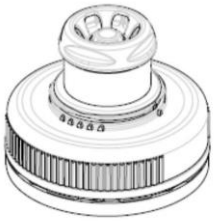


21: F2020/00500 22: 2020-05-04 23:
43: 2020-12-18
52: Class 15 24: Part F
71: qonqave GmbH
33: EU 31: 007122635-0002 32: 2019-10-25
54: FLUID PUMPS (PART OF -)
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).

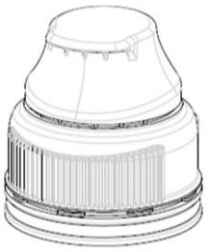


21: F2020/00502 22: 2020-05-04 23:
43: 2020-12-18
52: Class 07 24: Part F
71: Polyoak Packaging (Pty) Ltd
54: TUB
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).

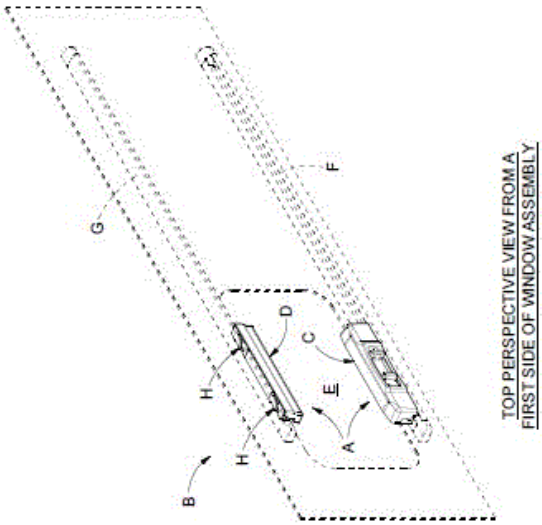
21: F2020/00506 22: 2020-05-04 23:
43: 2020-12-18
52: Class 09 24: Part F
71: Polyoak Packaging (Pty) Ltd
54: CAP
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).



21: F2020/00509 22: 2020-05-04 23:
43: 2020-12-18
52: Class 09 24: Part F
71: Polyoak Packaging (Pty) Ltd
54: CAP
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).

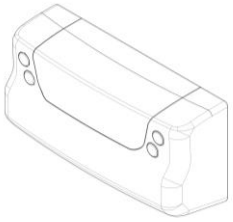


21: F2020/00533 22: 2020-05-06 23:
43: 2020-12-18
52: Class 8 24:
71: PANORAMIC COMPONENTS (PTY) LTD
54: A LOCK AND GUIDE ASSEMBLY FOR A WINDOW ASSEMBLY
57: The design relates to a lock and guide assembly for a window assembly, the lock and guide assembly comprising a first member and a second member. The features of the design for which protection is claimed reside in the shape and/or configuration of the first and second members, substantially as illustrated in the accompanying representations.



21: F2020/00601 22: 2020-05-19 23:
43: 2020-12-18

52: Class 12 24: Part F
71: SHAN, Justin Jonathan
54: TOW BAR MOUNTABLE CARRIER
57: The design relates to a Tow bar mountable carrier. 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

No records available

DESIGNS CORRECTION NOTICES

No records available

COPYRIGHT CORRECTION NOTICES

No records available

PATENTS

Advertisement List for January 2021

Number of Advertised Patents: 337

Application Number	Patent Title	Filing Date
2013/09263	COMPOSITE COMPACTS FORMED OF CERAMICS AND LOW-VOLUME CUBIC BORON NITRIDE AND METHOD OF MANUFACTURE	12/9/2013 1
2014/01709	GYRATORY CRUSHER OUTER CRUSHING SHELL	3/7/2014 12
2015/01179	CULTURE MEDIUM COMPOSITION, AND METHOD FOR CULTURING CELL OR TISSUE USING SAID COMPOSITION	7/24/2013 1
2015/04014	EMERSED SHELLFISH STORAGE	6/4/2015 12
2015/06151	MANIPULATION OF SELF-INCOMPATIBILITY IN PLANTS	2/19/2014 1
2015/06192	NEWCASTLE DISEASE VIRUSES AND USES THEREOF	3/4/2014 12
2015/06920	METHODS OF USING ZSCAN4 FOR REJUVENATING HUMAN CELLS	3/14/2014 1
2015/07441	ARGININE METHYLTRANSFERASE INHIBITORS AND USES THEREOF	3/14/2014 1
2016/00343	LIGHTWEIGHT ASSEMBABLE APPLIANCE AND RESPECTIVE METHOD FOR PRODUCTION OF BIOGAS AND LIQUID FERTILIZER	12/19/2013
2016/02745	HAIR STYLING DEVICE	4/20/2016 1
2016/05341	METHODS OF TREATING ALZHEIMER'S DISEASE	2/6/2015 12
2016/05552	PHOSPHATE RECOVERY BY ACID RETARDATION	3/6/2015 12
2016/05666	PYRAZOLO[1,5-A]PYRIMIDINES AS ANTIVIRAL COMPOUNDS	1/21/2015 1
2016/05768	BROADLY NEUTRALIZING MONOCLONAL ANTIBODIES AGAINST HIV-1 V1V2 ENV REGION	2/27/2015 1
2016/05769	A KIT FOR PREPARING A RADIOPHARMACEUTICAL	2/6/2015 12
2016/06146	METHOD, APPARATUS AND SYSTEM FOR OBTAINING AND MONITORING ENVIRONMENTAL DATA	9/5/2016 12
2016/06991	METHOD OF COATING A BODY, GRANULES FOR THE METHOD AND METHOD OF MAKING GRANULES	5/22/2015 1
2017/00734	FLOW CYTOMETRY ASSEMBLY AND SYSTEM, ANALYSING DEVICE COMPRISING SUCH A CYTOMETRY	6/23/2015 1

Application Number	Patent Title	Filing Date
	ASSEMBLY AND ASSEMBLY COMPRISING SUCH A CYTOMETRY SYSTEM	
2017/01815	METHODS AND COMPOSITIONS FOR INDUCING PROTECTIVE IMMUNITY AGAINST FILOVIRUS INFECTION	3/14/2017 1
2017/02793	ADHESIVE COMPOSITIONS COMPRISING TYPE-II CELLULOSE	9/25/2015 1
2017/03985	PARTICLES FOR RELEASING ACTIVE INGREDIENTS	11/11/2015
2017/04026	ORAL OCTREOTIDE ADMINISTERED IN COMBINATION WITH OTHER THERAPEUTIC AGENTS	12/10/2015
2017/04041	DUST SEALING	11/10/2015
2017/04222	DRUG BASED ON MAGHEMITE FOR SIMULTANEOUS REDUCTION OF GASTROINTESTINAL SODIUM RESORPTION AND PHOSPHATE RESORPTION	6/21/2017 1
2017/04326	ZONE PASSAGE CONTROL IN WORKSITE	6/26/2017 1
2017/04328	GLUCAGON DERIVATIVES	6/26/2017 1
2017/04336	MULTIPLEX BEAD ARRAY ASSAY	11/25/2015
2017/04363	EXTENDABLE PATCH PANEL	12/4/2015 1
2017/04386	SUPPORT STRUCTURE AND METHOD FOR SUPPORTING AN ENCLOSED BELT CONVEYOR	6/28/2017 1
2017/05100	JASMONATE DERIVATIVES AND COMPOSITIONS THEREOF	12/31/2015
2017/05122	NOVEL MONOTHIOL MUCOLYTIC AGENTS	1/28/2016 1
2017/05148	PHARMACEUTICAL COMPOSITION FOR TREATING CANCER, CONTAINING LACTATE METAL SALT	12/4/2015 1
2017/05773	METHODS FOR PRODUCING TITANIUM AND TITANIUM ALLOY ARTICLES	8/24/2017 1
2017/05935	CD48 ANTIBODIES AND CONJUGATES THEREOF	3/17/2016 1
2017/06257	TREATMENT OF WOOD	3/3/2016 12
2017/06258	HIGH DENSITY PRODUCTION OF BIOMASS AND OIL USING CRUDE GLYCEROL	3/25/2016 1
2017/06478	AN ELECTRICITY METER AND AN ADAPTOR MODULE THEREFOR	4/14/2016 1
2017/06480	A PROCESS FOR THE PREPARATION OF METHIONINE ALPHA-HYDROXY ANALOGUES	4/29/2016 1

Application Number	Patent Title	Filing Date
	FROM SUGARS AND DERIVATIVES THEREOF	
2017/06513	COMBINATION PRESSURE AND OPEN FRYING APPARATUS	3/28/2016 1
2017/06530	PLATINUM-CONTAINING CATALYSTS FOR COMBUSTION ENGINES	9/28/2017 1
2017/08100	A THERAPEUTIC DEVICE	11/29/2017
2018/02013	ONE TURN ACTUATED DURATION SPRAY PUMP MECHANISM	3/27/2018 1
2018/02462	GENE THERAPY	10/27/2016
2018/02832	SEALANT COMPOSITION	11/7/2016 1
2018/02944	SOLID PARTICULATE CALCIUM NITRATE COMPOSITION COMPRISING A SOLID PARTICULATE SILICATE AS AN ANTI-CAKING AGENT	11/7/2016 1
2018/02999	SEAL WITH LIP PROJECTIONS	9/14/2016 1
2018/03109	VEHICLE UNDERBODY STRUCTURE COMPRISING A REINFORCEMENT ELEMENT BETWEEN A LONGITUDINAL BEAM AND A LOWERSIDE SILL PART	12/9/2016 1
2018/03133	17. A WIRELESS COMMUNICATION IDENTIFICATION SENSOR FOR ATTENDANCE MONITORING	5/14/2018 1
2018/03161	TEMPERATURE-CONTROLLED PORTABLE COOLING UNITS	10/13/2016
2018/03296	A VEHICULAR LADDER	10/28/2016
2018/03436	INHIBITORS OF CXCR2	11/17/2016
2018/03599	METHOD FOR PREHEATING AND SMELTING MANGANESE ORE SINTER	11/23/2016
2018/03651	CUTTING ELEMENTS FORMED FROM COMBINATIONS OF MATERIALS AND BITS INCORPORATING THE SAME	12/5/2016 1
2018/04515	METHODS FOR MODULATING INTESTINAL MICROBIOTA	1/26/2017 1
2018/05175	GLASS PRECURSOR GEL	3/24/2016 1
2018/05571	MOLECULES HAVING PESTICIDAL UTILITY, AND INTERMEDIATES, COMPOSITIONS, AND PROCESSES, RELATED THERETO	1/18/2017 1
2018/05909	AN AUTOMATED CONVERSATION SYSTEM AND METHOD THEREOF	9/4/2018 12
2018/06881	IMPROVED COMPUTER ASSISTED MASS APPRAISAL SYSTEM (CAMA) AND AUTOMATION VALUATION MODEL (AVM)	10/16/2018

Application Number	Patent Title	Filing Date
2018/08031	REACTOR AND PROCESS FOR GASIFYING AND/OR MELTING OF FEED MATERIALS	11/28/2018
2018/08085	COMPOSITIONS AND METHODS FOR IMMUNOTHERAPY	11/29/2018
2019/00230	RUN-FLAT DEVICE FOR MOTOR VEHICLES AND MOUNTED ASSEMBLY INCORPORATING SAME	6/30/2017 1
2019/00306	DATA PROCESSING METHOD AND DEVICE	1/16/2019 1
2019/00364	METHOD OF OLIGOMERIZATION OF OLEFINS	7/15/2016 1
2019/00951	SLACK ADJUSTER FOR A BRAKE SYSTEM WITH INCREASED TAKE-UP CAPACITY	11/16/2016
2019/01239	BRAKE PERFORMANCE TESTING OF HEAVY VEHICLES	2/26/2019 1
2019/01434	CAPILLARY ASSISTED VITRIFICATION PROCESSES AND DEVICES	3/7/2019 12
2019/01495	SPUNBOND NONWOVEN WEB FOR AN ACQUISITION/DISTRIBUTION LAYER	9/29/2017 1
2019/01496	METHOD FOR CLASSIFYING SPECTRA OF OBJECTS HAVING COMPLEX INFORMATION CONTENT	9/15/2017 1
2019/01523	FLUSHING SYSTEM AND A TOILET INCORPORATING THE SAME	3/12/2019 1
2019/01731	OPTIMAL MAIZE LOCI	11/3/2014 1
2019/01759	METHODS AND APPARATUS FOR SUPPLYING THREE PHASE POWER	3/20/2019 1
2019/01806	METHOD AND APPARATUS FOR DIRECT RECOVERY OF MINERAL VALUES AS A BUBBLE¿SOLIDS AGGREGATE	3/25/2019 1
2019/01848	1,3 DI¿SUBSTITUTED CYCLOBUTANE OR AZETIDINE DERIVATIVES AS HEMATOPOIETIC PROSTAGLANDIN D SYNTHASE INHIBITORS	3/26/2019 1
2019/01852	SYSTEMS AND METHODS FOR ANALYZING CORE USING X-RAY FLUORESCENCE	9/9/2017 12
2019/01883	REACTOR AND PROCESS FOR PHOTOCHEMICAL DEGRADATION OF ETHYLENE	3/27/2019 1
2019/01886	ANTI-INFLUENZA VIRUS PYRIMIDINE DERIVATIVES	9/5/2017 12
2019/01950	DEHIDER REGULATOR VALVE	12/1/2017 1

Application Number	Patent Title	Filing Date
2019/01963	HETEROCYCLIC COMPOUNDS AND THEIR USE IN PREVENTING OR TREATING BACTERIAL INFECTIONS	9/29/2017 1
2019/02008	COMPOSITION, IN PARTICULAR A PREVENTIVE AND CURATIVE PHARMACEUTICAL COMPOSITION, MADE FROM PEROXOMETALLATE	3/29/2019 1
2019/02048	PHOTODETECTOR FOR MEASURING AEROSOL PRECURSOR COMPOSITION IN AN AEROSOL DELIVERY DEVICE	10/11/2017
2019/02054	A PROPELLANT FILLING APPARATUS	9/18/2017 1
2019/02085	MEDICINAL USE OF SERRULATANE DITERPENES	4/3/2019 12
2019/02107	A FUNDUS IMAGING DEVICE AND METHOD	4/4/2019 12
2019/02128	MICROPARTICLES	9/5/2017 12
2019/02130	MICROPARTICLE COMPOSITION AND USE THEREOF	9/5/2017 12
2019/02156	ARSENIC COMPOSITIONS	8/2/2017 12
2019/02157	SIGNAL TRANSMISSION METHOD, NETWORK DEVICE, AND TERMINAL DEVICE	9/28/2016 1
2019/02158	METHOD FOR MANAGING WAVE BEAM, TERMINAL DEVICE AND NETWORK DEVICE	9/30/2016 1
2019/02160	SIGNAL TRANSMISSION METHOD AND APPARATUS	9/21/2016 1
2019/02161	DATA TRANSMISSION METHOD, TERMINAL DEVICE AND NETWORK DEVICE	11/4/2016 1
2019/02486	METHODS OF DELIVERING A NEUROPROTECTIVE POLYPEPTIDE TO THE CENTRAL NERVOUS SYSTEM	4/17/2019 1
2019/02536	WEAR ASSEMBLY AND METHOD OF FORMING A WEAR ASSEMBLY	10/20/2017
2019/02631	DEVICES FOR USE WITH REFRIGERATION DEVICES INCLUDING TEMPERATURE-CONTROLLED CONTAINER SYSTEMS	9/28/2017 1
2019/02712	DEVICE AND METHOD FOR DETECTING AND/OR EXAMINING AN ABRASION ON THE SURFACE OF A CYLINDRICAL COMPONENT	4/30/2019 1
2019/03004	METHOD OF PREPARING CEREAL EXTRACT	5/14/2019 1
2019/03063	PRECISION TIME STAMPING METHOD AND SYSTEM	10/17/2017
2019/03099	MAGL INHIBITORS	11/15/2017

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2019/03197	JAW CRUSHER RETRACTION ASSEMBLY	5/21/2019 1
2019/03229	SUSPENSION ASSEMBLY	5/22/2019 1
2019/03263	COLD BEVERAGES PREPARATION MACHINE	5/23/2019 1
2019/03266	OLIGOSACCHARIDES FOR FLAVOUR GENERATION	5/23/2019 1
2019/03284	ANTI-VIRAL COMPOUNDS	5/24/2019 1
2019/03286	IMIDAZO[1,5¿A]PYRAZINE DERIVATIVES AS PI3KDELTA INHIBITORS	5/24/2019 1
2019/03311	AUTOMATIC PLAYING CARD SHUFFLER AND OTHER CARD-HANDLING DEVICES CONFIGURED TO DETECT MARKET CARDS AND METHODS OF USING THE SAME	10/26/2017
2019/03473	A PROCESS OF PREPARING CHONDROCYTE CELL SUSPENSION AND ITS USE	11/29/2017
2019/03517	METHODS AND SYSTEMS FOR IDENTITY CREATION, VERIFICATION AND MANAGEMENT	5/31/2019 1
2019/03540	METHOD AND APPARATUS FOR MEASURING AND LOGGING THE PERFORMANCE OF A VEHICLE SUSPENSION SYSTEM	11/1/2017 1
2019/03622	TAPERED LOBULAR DRIVER AND FASTENER	8/18/2016 1
2019/03649	TREATMENT FOR PRIMARY BILIARY CHOLANGITIS	6/7/2019 12
2019/03733	TERABIT-RATE PACKET ORGANIZING DEVICE	6/11/2019 1
2019/03734	MANAGEMENT SYSTEM FOR TERABIT TELECOMMUNICATION SWITCH	6/11/2019 1
2019/03735	COMMUNICATION NETWORK DEVICE WITH HIGH DATA RATE	6/11/2019 1
2019/03736	HIGH BIT RATE NETWORK COMPONENT	6/11/2019 1
2019/03737	TERABIT NETWORK MONITORING SYSTEM	6/11/2019 1
2019/03738	MIMO COMMUNICATION SYSTEM	6/11/2019 1
2019/03739	CO-FIRED CERAMIC (LTCC) AMPLIFIER MODULE	6/11/2019 1
2019/03740	CO-FIRED CERAMIC (LTCC) CAPACITIVE SENSOR	6/11/2019 1
2019/03747	USE OF CARBAMATE COMPOUNDS FOR PREVENTION, ALLEVIATION OR TREATMENT OF BIPOLAR DISORDER	6/11/2019 1
2019/03801	RECOMBINANT HVT VECTORS EXPRESSING MULTIPLE ANTIGENS	6/12/2019 1

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	OF AVIAN PATHOGENS, AND VACCINES COMPRISING THEM	
2019/03861	A METHOD FOR IDENTIFICATION OF ANTI-HIV HUMAN MIRNA MIMICS AND MIRNA INHIBITORS AND ANTI-HIV PHARMACEUTICAL COMPOUNDS	12/17/2014
2019/03905	METHOD OF MAKING CARBONATE PCD AND SINTERING CARBONATE PCD ON CARBIDE SUBSTRATE	6/14/2019 1
2019/03932	IMIDAZOPYRAZINE INHIBITORS OF BRUTON'S TYROSINE KINASE	6/18/2019 1
2019/03935	METHOD AND SYSTEM FOR CROP YIELD ESTIMATION	6/18/2019 1
2019/03968	COMPUTER-IMPLEMENTED SYSTEMS AND METHODS TO ENABLE COMPLEX FUNCTIONALITY ON A BLOCKCHAIN WHILE PRESERVING SECURITY-BASED RESTRICTIONS ON SCRIPT SIZE AND OPCODE LIMITS	6/19/2019 1
2019/03969	COMPUTER-IMPLEMENTED SYSTEMS AND METHODS TO ENABLE COMPLEX FUNCTIONALITY ON A BLOCKCHAIN WHILE PRESERVING SECURITY-BASED RESTRICTIONS ON SCRIPT SIZE AND OPCODE LIMITS	6/19/2019 1
2019/03971	AGEING-RESISTANT MIXED OXIDE MADE FROM CERIUM, ZIRCONIUM, ALUMINIUM AND LANTHANUM FOR MOTOR VEHICLE CATALYTIC CONVERTER	6/19/2019 1
2019/03993	CONSTRUCTION OF PIPES	10/31/2011
2019/04053	METHOD AND DEVICE FOR SENDING TRANSACTION INFORMATION AND FOR CONSENSUS VERIFICATION	6/21/2019 1
2019/04125	COMPOSITIONS AND METHODS FOR CONTROLLING PLANT PESTS	6/25/2019 1
2019/04138	METHOD OF DETECTION AND EXTRACTING METALS FROM ORE-BEARING SLURRY	12/22/2017
2019/04146	METHODS FOR PRODUCING STABLE THERAPEUTIC GLUCAGON FORMULATIONS IN APROTIC POLAR SOLVENTS	6/25/2019 1
2019/04274	IMAGING SYSTEM FOR COUNTING AND SIZING PARTICLES IN FLUID-FILLED VESSELS	6/28/2019 1
2019/04417	METHOD AND APPARATUS FOR FILLING SYRINGES WITH RETRACTABLE NEEDLE	12/6/2017 1

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2019/04455	GENETICALLY ENGINEERED BACTERIUM COMPRISING ENERGY-GENERATING FERMENTATION PATHWAY	10/13/2016
2019/04521	METHOD FOR TRANSMITTING DATA, TERMINAL DEVICE AND NETWORK DEVICE	1/5/2017 12
2019/04621	SIGNAL TRANSMISSION METHOD, TERMINAL DEVICE AND NETWORK DEVICE	12/21/2016
2019/04726	SYSTEM AND METHOD FOR EVALUATING WIRELESS DEVICE AND/OR WIRELESS NETWORK PERFORMANCE	1/16/2018 1
2019/04801	CELLULASE SUITABLE FOR USE IN DETERGENT COMPOSITIONS	7/22/2019 1
2019/04856	DEFLECTING BEND	1/11/2018 1
2019/04913	AEROSOL¿GENERATING SYSTEM WITH OVERHEATING PREVENTION	7/26/2019 1
2019/04921	FITTING ELEMENT FOR USE IN REHABILITATION OF PIPELINES AND METHOD FOR PRODUCING THE SAME	1/24/2018 1
2019/04951	FILM ELEMENT	7/29/2019 1
2019/05135	AN AEROSOL DELIVERY DEVICE INCLUDING A SHAPE-MEMORY ALLOY AND A RELATED METHOD	1/23/2018 1
2019/05261	MAGNETOHYDRODYNAMIC ELECTRIC POWER GENERATOR	8/8/2019 12
2019/05279	METHOD FOR DETERMINING A DISCONTINUOUS RECEPTION STATE, TERMINAL DEVICE AND NETWORK DEVICE	1/10/2017 1
2019/05280	METHOD AND DEVICE FOR MULTIPLEXING UPLINK GRANT RESOURCES	1/9/2017 12
2019/05317	SIGNAL TRANSMISSION METHOD AND APPARATUS	1/17/2017 1
2019/05320	MULTI-BEAM CSI REPORTING	12/21/2017
2019/05321	DETERGENT COMPOSITIONS	3/8/2018 12
2019/05349	USER TERMINAL AND RADIO COMMUNICATION METHOD	2/2/2018 12
2019/05354	INJECTION TOOL AND A METHOD FOR INJECTION	1/24/2018 1
2019/05372	THERAPEUTIC AND NEUROPROTECTIVE PEPTIDES	1/18/2018 1
2019/05374	ELECTRONIC PAYMENT APPARATUS	2/16/2018 1
2019/05375	METHOD AND HOLLOW STRUCTURE FOR COOLING A HEAT TRANSFER FLUID	2/15/2017 1

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2019/05399	PROCESS AND DEVICE FOR REDUCING ENVIRONMENTAL CONTAMINATES IN HEAVY MARINE FUEL OIL	2/12/2018 1
2019/05412	METHOD FOR TRANSMITTING DOWNLINK CONTROL INFORMATION, TERMINAL DEVICE AND NETWORK DEVICE	1/18/2017 1
2019/05436	METHOD FOR INFORMING AVAILABLE RESOURCE FOR PDSCH, METHOD FOR DETERMINING AVAILABLE RESOURCE FOR PDSCH, BASE STATION AND UE	1/18/2018 1
2019/05437	DIBLOCK COPOLYMER VESICLES AND SEPARATION MEMBRANES COMPRISING AQUAPORIN WATER CHANNELS AND METHODS OF MAKING AND USING THEM	2/6/2018 12
2019/05438	VACUUM BLENDER	2/8/2018 12
2019/05440	EXPRESSION OF NITROGENASE POLYPEPTIDES IN PLANT CELLS	2/6/2018 12
2019/05442	METHOD FOR PRODUCING FERTILIZER PARTICLES COMPRISING ALTERNATIVE BORON SOURCES	2/26/2018 1
2019/05468	METHOD AND DEVICE FOR TRANSMITTING UPLINK SIGNALS	1/23/2017 1
2019/05469	RANDOM ACCESS METHOD, TERMINAL APPARATUS, AND NETWORK APPARATUS	1/23/2017 1
2019/05471	FISCHER-TROPSCH SYNTHESIS CATALYST CONTAINING NITRIDE SUPPORT, PREPARATION METHOD THEREFOR AND USE THEREOF	4/10/2018 1
2019/05497	RAIL SECURING SYSTEM	3/8/2018 12
2019/05498	COMPOSITION COMPRISING AN OIL PHASE	3/22/2018 1
2019/05509	A PROCESS FOR PREPARING A PARAFFIN PRODUCT	8/21/2019 1
2019/05522	PROCESS FOR WINE-MAKING FROM CLARIFIED JUICE	2/5/2018 12
2019/05552	REFRIGERATOR	3/31/2017 1
2019/05575	SUSCEPTOR ASSEMBLY FOR INDUCTIVELY HEATING AN AEROSOL¿FORMING SUBSTRATE	8/23/2019 1
2019/05592	STACKABLE BAG FOR THE TRANSPORT AND STORAGE OF BULK GOODS	9/29/2017 1
2019/05625	BASE STATION, TERMINAL, AND COMMUNICATION METHOD	1/29/2018 1

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2019/05652	WIRELESS COMMUNICATION METHOD, TERMINAL DEVICE, AND NETWORK DEVICE	2/28/2017 1
2019/05653	THERMODYNAMIC ENGINE	2/19/2018 1
2019/05655	PREPARATION OF ACID SOLUBLE PULSE PROTEIN HYDROLYZATES WITH LITTLE OR NO ASTRINGENCY AND PULSE PROTEIN HYDROLYZATES OF IMPROVED AMINO ACID SCORE	3/5/2018 12
2019/05656	TRANSFORMER RADIATOR	3/8/2018 12
2019/05681	METHODS AND APPARATUSES FOR REFERENCE SIGNAL CONFIGURATION	6/13/2017 1
2019/05682	WIRELESS COMMUNICATION METHOD, TERMINAL DEVICE, AND NETWORK DEVICE	2/7/2017 12
2019/05684	COMMUNICATION METHOD, TERMINAL DEVICE, AND NETWORK DEVICE	2/6/2017 12
2019/05704	TEMPERATURE MONITORING DEVICE AND DISPENSER THEREFOR	8/29/2019 1
2019/05751	METHOD FOR THE CONTINUOUS SYNTHESIS OF ZEOLITE CRYSTALS	3/12/2018 1
2019/05752	A SAVOURY CONCENTRATE	3/26/2018 1
2019/05756	METHOD FOR THE SYNTHESIS OF ZEOLITE CRYSTALS WITH A SEEDING AGENT	3/12/2018 1
2019/05757	METHOD FOR THE MULTI-SEEDING SYNTHESIS OF ZEOLITE CRYSTALS WITH CONTROLLED GRAIN SIZE	3/12/2018 1
2019/05759	A METHOD OF NEIGHBOR CELL DETECTION	2/23/2018 1
2019/05761	AN ANTIMICROBIAL COMPOSITION COMPRISING ESSENTIAL OIL AND ANTIMICROBIAL LIPID	2/19/2018 1
2019/05789	SYSTEM, DEVICE AND METHOD FOR ACCESSING SHARED INFRASTRUCTURE	9/2/2019 12
2019/05894	PRODUCTION METHOD FOR BATTERY-GRADE VANADIUM OXIDE	4/16/2018 1
2019/05928	HYDRAULIC FLOW CONTROL SYSTEM, PRIMARY VALVE FOR HYDRAULIC FLOW CONTROL SYSTEM AND HYGIENIC SHOWER HEAD FOR HYDRAULIC FLOW CONTROL SYSTEM	2/9/2018 12
2019/05932	GLOBAL ADDRESS SYSTEM AND METHOD	3/16/2018 1
2019/05936	BATTERY SYSTEM	2/7/2018 12

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2019/05962	BACILLUS SUBTILIS STRAINS IMPROVING ANIMAL PERFORMANCE PARAMETERS	9/10/2019 1
2019/05970	MITORIBOSCINS: MITOCHONDRIAL-BASED THERAPEUTICS TARGETING CANCER CELLS, BACTERIA, AND PATHOGENIC YEAST	3/14/2018 1
2019/05971	METHOD FOR PRODUCING AUSTENITE STAINLESS STEEL SLAB	3/14/2018 1
2019/05972	METHOD AND DEVICE FOR TRANSMITTING SYNCHRONIZATION SIGNAL	3/15/2017 1
2019/05973	SYSTEMS AND METHODS FOR REMOVAL OF DUPLICATED PACKETS FOR TRANSMISSION	12/13/2017
2019/05974	VERTICAL TENSIONING SYSTEM FOR A CONVEYOR BELT ARRANGEMENT	3/8/2018 12
2019/05976	NETWORK INITIATED RESELECTION OF TRANSMITTER AND RECEIVER CONFIGURATIONS	2/20/2018 1
2019/05999	CONTAINER WITH PARTICLES FOR USE WITH INHALER	9/11/2019 1
2019/06029	NOVEL INSECT INHIBITORY PROTEINS	9/12/2019 1
2019/06049	CELL RE-SELECTION MEASUREMENT WINDOW IN NEW RADIO	3/23/2018 1
2019/06067	METHOD FOR HIGH ¿THROUGHPUT GENOMIC DNA EXTRACTION	9/13/2019 1
2019/06071	LIGHT SIGNALLING PLATE AND SYSTEM CAPABLE OF USING SUCH A PLATE	2/15/2018 1
2019/06093	ROCK BOLT WITH STRAIN DETECTION MEANS	9/16/2019 1
2019/06150	AEROSOL-GENERATING SYSTEM WITH ELECTRICAL CONNECTOR	9/18/2019 1
2019/06164	GRADING METHOD FOR WATER-PRESERVING COAL MINING MINE/MINE AREA	1/25/2019 1
2019/06169	SYNTHEKINE COMPOSITIONS AND METHODS OF USE	3/7/2018 12
2019/06208	COMMUNICATION METHOD, SECONDARY NETWORK NODE AND TERMINAL	3/21/2017 1
2019/06211	SYSTEMS AND METHODS FOR DETERMINING TRANSMITTER AND RECEIVER CONFIGURATIONS FOR A WIRELESS DEVICE	3/23/2018 1

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2019/06214	NANOEMULSIONS COMPRISING SULFOALKYL ESTER AND/OR AMIDE OF FATTY ACIDS IN AQUEOUS PHASE	3/29/2018 1
2019/06247	MULTI CHAMBER FLEXIBLE BAG AND METHODS OF USING SAME	5/24/2018 1
2019/06253	SWITCH DEVICE WITH IMPROVED PERMANENT MAGNETIC ARC EXTINCTION	2/28/2018 1
2019/06255	FUSED PENTACYCLIC IMIDAZOLE DERIVATIVES AS MODULATORS OF TNF ACTIVITY	4/24/2018 1
2019/06258	THERAPEUTIC COMPOUNDS AND METHODS	4/20/2018 1
2019/06276	MICROENCAPSULATED NITRIFICATION INHIBITOR COMPOSITIONS	3/16/2018 1
2019/06278	PYRROLOPYRROLE COMPOSITIONS AS PYRUVATE KINASE (PKR) ACTIVATORS	3/20/2018 1
2019/06279	MACROCYCLIC COMPOUND AND USES THEREOF	4/3/2018 12
2019/06344	CATALYST COMPOSITIONS AND THEIR USE IN AROMATIC ALKYLATION PROCESSES	9/26/2019 1
2019/06401	APPARATUS AND METHOD FOR MEASURING WET FRICTION OF HAIR	3/21/2018 1
2019/06402	ANTIMICROBIAL PERSONAL CLEANSING COMPOSITIONS	3/22/2018 1
2019/06404	LIQUID LAUNDRY DETERGENT COMPOSITION	4/3/2018 12
2019/06405	LAUNDRY DETERGENT COMPOSITION	4/3/2018 12
2019/06409	AEROSOL-GENERATING DEVICE AND AEROSOL-GENERATING SYSTEM WITH INDUCTIVE HEATING SYSTEM WITH EFFICIENT POWER CONTROL	9/19/2019 1
2019/06449	MIXER COMPRISING CLEANING NOZZLE	3/2/2018 12
2019/06450	DYNAMIC SATELLITE BEAM ASSIGNMENT	3/1/2018 12
2019/06451	4-PYRIDONE COMPOUND OR SALT THEREOF, AND PHARMACEUTICAL COMPOSITION AND FORMULATION INCLUDING SAME	3/30/2018 1
2019/06455	BUILDING SYSTEM	3/3/2018 12
2019/06489	RESOURCE INDICATING METHOD, APPARATUS, ACCESS NETWORK DEVICE, TERMINAL AND SYSTEM	3/24/2017 1
2019/06518	ANTICANCER COMPOUNDS	3/16/2018 1

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2019/06519	METHOD AND DEVICE FOR DETERMINING RESOURCES AND STORAGE MEDIUM	3/15/2018 1
2019/06520	INTERMEDIATE FILM FOR LAMINATED GLASS, AND LAMINATED GLASS	5/18/2018 1
2019/06521	METHOD FOR CONFIGURING RESOURCE, USER EQUIPMENT, NETWORK DEVICE AND COMPUTER STORAGE MEDIUM	4/3/2018 12
2019/06553	SELF-PROPELLED MATERIAL PROCESSOR AND/OR HANDLING SYSTEM	3/19/2018 1
2019/06581	POLYMER COATINGS FOR BRACHYTHERAPY DEVICES	10/7/2019 1
2019/06584	PROCESS FOR THE RECOVERY OF LITHIUM	3/26/2018 1
2019/06587	HAIR EXTENSION DEVICES	9/1/2017 12
2019/06588	DEVICE TO PROVIDE EVEN PRESSURE FOR FILTRATION OF BIOLOGICAL SAMPLE	4/5/2018 12
2019/06590	PROCESS FOR CONVERTING INVERTEBRATES INTO FEEDSTOCK	3/29/2018 1
2019/06622	A SAVOURY CONCENTRATE	3/27/2018 1
2019/06625	GRAPHIC ARTS ASSEMBLY WITH MAGNETIC SUPPORT STRUCTURE	4/13/2018 1
2019/06660	PASSIVE REFRIGERATION SYSTEM FOR THE COLD CHAIN INDUSTRY	10/9/2019 1
2019/06672	STRUCTURED PACKING MODULE FOR MASS TRANSFER COLUMNS	4/30/2018 1
2019/06674	A METHOD AND DEVICE IN A RADIO NETWORK	5/4/2018 12
2019/06697	NON-PICKLED HOT-ROLLED STEEL SHEET AND METHOD FOR MANUFACTURING SAME	3/28/2018 1
2019/06725	SWITCHING METHOD, NETWORK DEVICE AND TERMINAL DEVICE	3/23/2017 1
2019/06726	UPLINK SIGNAL TRANSMISSION METHOD AND RELATED DEVICE	3/14/2017 1
2019/06728	LIQUID PERSONAL CLEANSING COMPOSITION	4/11/2018 1
2019/06729	DEVICE FOR REDUCING POLLUTANT GAS EMISSIONS BY MEANS OF CATALYST MANAGEMENT IN THE COMBUSTION PROCESS	3/31/2017 1
2019/06732	WIND PROTECTION DEVICE FOR A BUILDING	4/12/2018 1
2019/06794	BIOCIDE FREE PRESERVATION	5/15/2018 1
2019/06799	WIRELESS COMMUNICATION DEVICE, NETWORK NODE,	4/27/2018 1

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	METHODS AND COMPUTER PROGRAMS FOR AIDING FINDING OF SYNCHRONISATION SIGNALS	
2019/06811	PHENYL-2-HYDROXY-ACETYLAMINO-2-METHYL-PHENYL COMPOUNDS	10/16/2019
2019/06827	A MONITORING DEVICE, A SYSTEM AND A METHOD FOR MONITORING A STATUS OF FRUITS	3/12/2018 1
2019/06831	A BROADBAND ANTENNA	5/12/2017 1
2019/06858	DATA TRANSMISSION METHOD, TERMINAL DEVICE AND NETWORK DEVICE	3/20/2017 1
2019/06886	METHOD FOR CONTROLLING A TRACK CONSTRUCTION MACHINE	4/11/2018 1
2019/06923	MATERIALS AND METHODS FOR ENGINEERING CELLS AND USES THEREOF IN IMMUNO-ONCOLOGY	5/11/2018 1
2019/06933	ADDITIVE FOR INCREASING UTILIZATION RATE OF NUTRIENT ELEMENT, PREPARATION METHOD THEREFOR AND MULTI-ELEMENT COMPOUND FERTILIZER	10/22/2019
2019/06960	MITICIDE COMPOSITION CONTAINING SPIRO ETHER DERIVATIVES	5/22/2018 1
2019/06961	TEMPERATURE-CONTROLLED PORTABLE COOLING UNITS	3/7/2018 12
2019/06962	METHOD AND DEVICE FOR TRANSMITTING UPLINK DEMODULATION REFERENCE SIGNAL	3/23/2017 1
2019/06964	PREVENTION AND/OR TREATMENT OF INFLAMMATORY SKIN DISEASE	5/3/2018 12
2019/06966	LOW VISCOSITY, HIGH POLYOL SELF-FOAMING COMPOSITION	5/4/2018 12
2019/06994	RADIO LINK FAILURE HANDLING METHOD AND RELATED PRODUCT	4/24/2018 1
2019/06996	SCHEDULING OF TRANSMISSIONS IN RADIO ACCESS NETWORKS	5/10/2017 1
2019/06997	METHODS OF DIAGNOSING AND TREATING CHRONIC KIDNEY DISEASE	5/31/2018 1
2019/06998	AUTOMATED DRAFT SURVEY	3/19/2018 1
2019/07077	METHOD FOR THE PROCEDURALLY ECONOMICAL REMOVAL/FRACTIONATION OF CONSTITUENTS OF VEGETAL STARTING MATERIAL, AND THE PRODUCTION AND USE OF SAME	3/27/2018 1
2019/07078	METHOD FOR DISINTEGRATING/SEPARATING	3/27/2018 1

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	AND DECOMPOSING PLANT SHELL MATERIALS AND CONSTITUENTS IN ORDER TO OBTAIN AND PRODUCE PLANT INGREDIENTS AND PLANT FIBER PRODUCTS	
2019/07115	METHOD FOR PRODUCING DUAL FUNCTION PROTEINS AND ITS DERIVATIVES	4/20/2018 1
2019/07117	MALAXATION APPARATUS FOR THE PRODUCTION OF VIRGIN OLIVE OIL	5/9/2018 12
2019/07120	NITROGEN CONTAINING HETEROCYCLE SUBSTITUTED BENZOXAZINE OXAZOLIDINONE COMPOUND AND PREPARATION METHOD AND USE THEREOF	3/28/2018 1
2019/07131	TRANSCATHERER ATRIAL SEALING SKIRT, ANCHOR, AND TETHER AND METHODS OF IMPLANTATION	10/29/2019
2019/07142	BASE STATION APPARATUS, TERMINAL APPARATUS, COMMUNICATION METHOD, AND INTEGRATED CIRCUIT	4/24/2018 1
2019/07168	METHODS OF TREATING DOOSE SYNDROME USING FENFLURAMINE	10/30/2019
2019/07218	BROADCASTING GEOLOCATION INFORMATION IN A RADIO FRAME TRANSMITTED FROM AN UNMANNED AERIAL VEHICLE	6/12/2017 1
2019/07219	BINDING FOLDER FOR THE BINDING OF A BUNDLE OF LEAVES	4/10/2018 1
2019/07239	LEVELLING SYSTEM AND METHOD	10/31/2019
2019/07240	PANELISATION SYSTEM AND METHOD	10/31/2019
2019/07241	ADJUSTABLE CHUTE	10/31/2019
2019/07263	HIGH LENGTH ISOTOPES SEPARATION COLUMN AND METHOD FOR ASSEMBLY	4/13/2018 1
2019/07286	A PHARMACEUTICAL COMBINATION FOR THE TREATMENT OF A CANCER	5/15/2018 1
2019/07299	ARRESTER WITH PRESSURIZING CHAMBERS	11/4/2019 1
2019/07406	TRPV1 MODULATOR COMPOUNDS	11/7/2019 1
2019/07425	OCEAN TIDAL CURRENT ENERGY POWER GENERATING SYSTEM	6/29/2018 1
2019/08299	SYSTEM AND METHOD OF MANAGING THE DELIVERY OF EDUCATIONAL COURSES TO STUDENTS	12/12/2019
2019/08362	CASTING SYSTEM	12/13/2019
2019/08406	SPEARS FOR SPEARING FISH	12/17/2019

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2019/08441	METHOD FOR SETTING UP APPROVAL ROLE ACCORDING TO DEPARTMENT BY APPROVAL NODE IN WORKFLOW	12/18/2019
2020/00008	HIGH-ANGLE FRACTURE PREDICTION METHOD, COMPUTER DEVICE AND COMPUTER-READABLE STORAGE MEDIUM	1/2/2020 12
2020/00016	POWER TRANSMISSION CHAIN	7/10/2018 1
2020/00019	TOCODYNAMOMETER GPS ALERT SYSTEM	3/23/2018 1
2020/00038	PROPORTIONAL COPYING DEVICE	1/3/2020 12
2020/00128	AN OIL-IN-WATER NANOEMULSION COMPOSITION OF CLOBETASOL	1/8/2020 12
2020/00135	ANTI-IMPACT FULL-SECTION ADJUSTABLE SELF-BALANCING MINE SUPPORTING APPARATUS	1/8/2020 12
2020/00136	METHOD FOR EVALUATING A CLOGGING LEVEL OF AN AIR FILTER IN AN HVAC UNIT	1/9/2020 12
2020/00138	CONTAINER FOR DISPENSING MULTIPLE PRODUCTS	1/9/2020 12
2020/00140	JOINT DEVICE CONVENIENT TO ASSEMBLE AND DISASSEMBLE	1/9/2020 12
2020/00141	OPTIMIZING LOADING OF A PAYLOAD CARRIER OF A MACHINE	1/9/2020 12
2020/00142	INTEGRATED THERMAL CRACKING AND DEHYDROGENATION PROCESS FOR OLEFIN PRODUCTION	7/18/2018 1
2020/00149	VALVE LEAFLET CONNECTING DEVICE	6/11/2018 1
2020/00158	METHOD AND APPARATUS FOR RECOGNIZING FRUIT ORIENTATION	6/1/2018 12
2020/00170	SECURITY TAG	1/10/2020 1
2020/00188	IMPROVEMENT ON BOUNDARY FORCED PARTITION	1/10/2020 1
2020/00192	ROLE ACQUISITION-BASED METHOD FOR AUTHORIZING FORM DATA	1/10/2020 1
2020/00205	HYDRAULIC STEERING CONTROL SYSTEM	1/13/2020 1
2020/00227	MOUNTING RAIL	6/18/2018 1
2020/00237	A FROTH COLLECTION LAUNDER	7/4/2017 12
2020/00246	A METHOD AND APPARATUS FOR PREVENTING ROCK FRAGMENTS FROM ENTERING OR COLLAPSING INTO A BLAST HOLE	7/18/2018 1
2020/00269	SYSTEM AND METHOD FOR VARIABLE RATE, HIGH SPEED IRRIGATION CONTROL	8/9/2018 12

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2020/00305	DEICING SYSTEM FOR AIR COMPRESSOR AFTERCOOLER	8/15/2017 1
2020/00388	ADENOVIRUS ARMED WITH BISPECIFIC T CELL ENGAGER (BITE)	8/28/2018 1
2020/00394	THERMAL BARRIER SYSTEM FOR A COLD STORAGE FACILITY	1/21/2020 1
2020/00524	SOLENOID PUMP	1/27/2020 1
2020/00525	PROPORTIONAL FLOW CONTROL VALVE POPPET WITH FLOW CONTROL NEEDLE	1/27/2020 1
2020/00576	EMERGENCY ESCAPE ARRANGEMENT FOR AN UNDERGROUND BACKFILL SUPPORT SYSTEM	1/29/2020 1
2020/00577	ASSOCIATION INFORMATION AUTHORIZATION METHOD FOR FORM	1/28/2020 1
2020/00578	FORM AUTHORITY GRANTING METHOD BASED ON TIME PROPERTY FIELDS OF FORM	1/28/2020 1
2020/00579	METHOD FOR AUTHORIZING OPERATION PERMISSIONS OF FORM FIELD VALUES	1/28/2020 1
2020/00580	METHOD FOR GRANTING FORM OPERATION AUTHORITY RESPECTIVELY ACCORDING TO FORM FIELD VALUES	1/28/2020 1
2020/00602	AN APPARATUS FOR PRESSING WALL SEGMENTS	1/29/2020 1
2020/00612	INVAGINATING DEVICE	7/10/2018 1
2020/00645	HERBICIDAL COMPOSITIONS BASED ON NONANOIC ACID AND NONENOIC ACID	1/30/2020 1
2020/00659	TROLLEY ARRANGEMENT	1/31/2020 1
2020/00676	FORMULATIONS COMPRISING A NUCLEIC ACID IN A HIGH CONCENTRATION	1/31/2020 1
2020/00681	METHODS OF CONTROLLING OR PREVENTING INFESTATION OF SOYBEAN PLANTS BY PHYTOPATHOGENIC MICROORGANISMS	1/31/2020 1
2020/00682	APPLICATION OF CAS PROTEIN, METHOD FOR DETECTING TARGET NUCLEIC ACID MOLECULE AND KIT	1/31/2020 1
2020/00684	SYNERGISTIC HERBICIDAL COMBINATIONS	1/31/2020 1
2020/00774	DEVICES AND METHODS FOR USE IN DIAGNOSING A MEDICAL CONDITION	8/1/2018 12

Application Number	Patent Title	Filing Date
2020/02814	SINGLE –ACTION CONVERTIBLE UTILITY KNIFE AND SCRAPER	5/15/2020 1
2020/05793	INTELLIGENT IRRIGATION SYSTEM FOR REDUCING NUTRIENT ELUVIATION IN VEGETABLE FIELDS	9/17/2020 1
2020/06041	TWO-WAY NOISE TESTING METHOD AND DEVICE FOR AUTOMOBILE	9/28/2020 1
2020/06045	GUIDE RAIL TYPE STEEL WIRE MESH TRANSMISSION DEVICE FOR WOKING FACE OF SOFT COAL SEAM AND METHOD THEREOF	7/17/2019 1
2020/06052	BI-DIRECTIONAL SWIVEL LIPSTICK CASE	12/5/2019 1
2020/06276	DOOR OPERATING MECHANISM	10/9/2020 1
2020/07235	METHOD FOR RECONSTRUCTING MIGRATION PATHWAY OF SQUIDS BASED ON STATOLITH TRACE ELEMENTS	11/19/2020
2020/07559	REMEDIATION METHOD FOR FARMLAND CHROMIUM POLLUTION UNDER PLANTING PRODUCTION CONDITIONS	12/4/2020 1

DESIGNS

Advertisement List for January 2021

Number of Advertised Designs: 89

Application Number	Design Articles	Filing Date
A2019/00395	TRAILER SIDE FOLD-OUT BED	2/22/2019 1
A2019/00397	TRAILER FRONT FOLD-OUT BED	2/22/2019 1
A2019/00419	PARTS OF SYRINGES	4/1/2019 12
A2019/00423	PARTS OF SYRINGES	4/1/2019 12
A2019/00424	PARTS OF SYRINGES	4/1/2019 12
A2019/00425	PARTS OF SYRINGES	4/1/2019 12
A2019/00426	SYRINGE PLUNGERS	4/1/2019 12
A2019/01199	LAMP	8/26/2019 1
A2019/01265	INSERT FOR A SINK	8/15/2019 1
A2019/01598	Coffee Machine	10/25/2019
A2019/01600	Blender	10/25/2019
A2020/00185	LIQUID INTAKES	2/13/2020 1
A2020/00214	COFFEE MAKERS	2/21/2020 1
A2020/00215	COFFEE MAKERS	2/21/2020 1
A2020/00287	CHARGERS	3/4/2020 12

Application Number	Design Articles	Filing Date
A2020/00288	CHARGERS	3/4/2020 12
A2020/00290	CHARGERS	3/4/2020 12
A2020/00294	BATTERIES	3/4/2020 12
A2020/00298	Casing for a Solar Light	3/4/2020 12
A2020/00305	SAFETY GOGGLES	3/5/2020 12
A2020/00311	Earphones	3/9/2020 12
A2020/00312	Case	3/9/2020 12
A2020/00313	Case with Earphones	3/9/2020 12
A2020/00314	Knee Support	3/9/2020 12
A2020/00315	Back Support	3/9/2020 12
A2020/00316	Back Support	3/9/2020 12
A2020/00331	TROLLEY CHASSIS	3/11/2020 1
A2020/00343	BUCKET SHROUDS	3/12/2020 1
A2020/00344	BUCKET SHROUDS	3/12/2020 1
A2020/00345	BUCKET SHROUDS	3/12/2020 1
A2020/00346	Automobile	3/12/2020 1
A2020/00347	Container	3/12/2020 1
A2020/00348	Container	3/12/2020 1
A2020/00349	Container	3/12/2020 1
A2020/00350	Container	3/12/2020 1
A2020/00351	Container	3/12/2020 1
A2020/00356	Tire for an Automobile	3/13/2020 1
A2020/00361	VEHICLE	3/16/2020 1
A2020/00362	VEHICLE ROLL BAR	3/16/2020 1
A2020/00363	VEHICLE GRILLE	3/16/2020 1
A2020/00364	VEHICLE FRONT BUMPER	3/16/2020 1
A2020/00370	WIRELESS REMOTE CONTROL	3/18/2020 1
A2020/00371	WATER LEAK DETECTOR	3/18/2020 1
A2020/00374	ROOFTOP TENTS FOR VEHICLES	3/18/2020 1
A2020/00399	Braid Sealer Apparatus	3/23/2020 1
A2020/00412	FRONT COMBINATION LAMP FOR AN AUTOMOBILE	5/4/2020 12
A2020/00413	VEHICLE	5/4/2020 12
A2020/00414	VEHICLE REAR BUMPER	5/4/2020 12
A2020/00415	VEHICLE FRONT BUMPER	5/4/2020 12
A2020/00436	FLUID PUMPS (PART OF -)	5/4/2020 12
A2020/00437	TUB	5/4/2020 12
A2020/00477	SET OF MOUNTS	5/4/2020 12
A2020/00482	SET OF MOUNTS	5/4/2020 12
A2020/00501	TUB	5/4/2020 12
A2020/00503	CONTAINER	5/4/2020 12
A2020/00505	CAP	5/4/2020 12
A2020/00508	CAP	5/4/2020 12
A2020/00534	A WINDOW ASSEMBLY	5/6/2020 12
A2020/00535	A WINDOW ASSEMBLY	5/6/2020 12
A2020/00602	TOW BAR MOUNTABLE CARRIER	5/19/2020 1
F2018/01430	FEEDERS	9/14/2018 1
F2018/01855	Rock Bolt Segment	11/30/2018
F2019/00396	SUSPENSION CONFIGURATION	2/22/2019 1
F2019/00398	TRAILER SIDE FOLD-OUT BED	2/22/2019 1

Application Number	Design Articles	Filing Date
F2019/00399	TRAILER FRONT FOLD-OUT BED	2/22/2019 1
F2019/00406	FRYERS	3/28/2019 1
F2019/00615	Aviation Locker	5/13/2019 1
F2019/00795	CONTAINER	6/10/2019 1
F2019/01038	MOUNTING BRACKETS	7/31/2019 1
F2019/01047	CLOTHES PEGS	7/31/2019 1
F2019/01400	CONTAINER	9/20/2019 1
F2020/00184	LIQUID INTAKES	2/13/2020 1
F2020/00283	HANDRAIL ASSEMBLY	3/3/2020 12
F2020/00284	PROP PRESTRESSING INFLATABLE DEVICE	3/4/2020 12
F2020/00332	TROLLEY CHASSIS	3/11/2020 1
F2020/00360	FIRELIGHTER	3/16/2020 1
F2020/00366	SURGICAL TOOL HOLDER	3/17/2020 1
F2020/00373	DIAMOND DECORATED NAIL	3/18/2020 1
F2020/00401	CONTAINER	3/23/2020 1
F2020/00406	BAG VALVE MASK	5/4/2020 12
F2020/00408	CARBONATION MECHANISMS	5/4/2020 12
F2020/00450	SET OF MOUNTS	5/4/2020 12
F2020/00484	SCREEN MOUNT	5/4/2020 12
F2020/00500	FLUID PUMPS (PART OF -)	5/4/2020 12
F2020/00502	TUB	5/4/2020 12
F2020/00506	CAP	5/4/2020 12
F2020/00509	CAP	5/4/2020 12
F2020/00533	A LOCK AND GUIDE ASSEMBLY FOR A WINDOW ASSEMBLY	5/6/2020 12
F2020/00601	TOW BAR MOUNTABLE CARRIER	5/19/2020 1

OTHER OFFICE NOTICES

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NOTICE TO CUSTOMERS

COMPANIES AND INTELLECTUAL PROPERTY COMMISSION (CIPC)

Cut-Off Dates 2021

(For XML and Online Submissions Only)

Month	Opening dates	Cut-off dates	Journal Publication Dates
January	04-January-2021	18-January-2021	27-January-2021
February	28-January-2021	15-February-2021	24-February-2021
March	25-February-2021	23-March-2021	31-March-2021
April	01-April-2021	19-April-2021	28-April-2021
May	29-April-2021	17-May-2021	26-May-2021
June	27-May-2021	21-June-2021	30-June-2021
July	01-July-2021	19-July-2021	28-July-2021
August	29-July-2021	16-August-2021	25-August-2021
September	26-August-2021	20-September-2021	29-September-2021
October	30-September-2021	18-October 2021	27-October-2021
November	28-October-2021	15-November-2021	24-November-2021
December	25-November-2021	13-December-2021	22-December-2021
January	03-January-2022	17-January-2022	26-January-2022

Please note that these dates only apply to XML submissions and online PDF forms.

These dates can be changed by CIPC without a notice.

Yours Faithfully

SMNyatlo

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14/01/2021

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