PATENT JOURNAL

INCLUDING TRADE MARKS, DESIGNS AND COPYRIGHT IN CINEMATOGRAPH FILMS

JULY 2023 **VOL 56 • No. 07**

Companies and Intellectual Property Commission

a member of the dtic group

Part II of II

ISSUED MONTHLY **DATE OF ISSUE: 26 JULY 2023**

ISSN 2223-4837

PATENT JOURNAL

INCLUDING TRADE MARKS, DESIGNS AND COPYRIGHT IN CINEMATOGRAPH FILMS

VOL. 56 No. 07 **Date of Issue: 26 JULY 2023**

PATENTS, TRADE MARKS, DESIGNS AND COPYRIGHT OFFICE

Official notices of proceedings under:

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

Registrar of Patents, Trade Marks, Designs and Copyright

TABLE OF CONTENTS

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

THE PARTICULARS APPEAR IN THE FOLLOWING SEQUENCE:

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

. - APPLIED ON 2023/06/26 -

2023/06537 ~ Provisional ~54:COLLAPSIBLE PLASTIC TOILET HUT ~71:Marius Deon Smit, 76 de Wet street Goodwood, South Africa;MariusDeon Smit, 76 de Wet street Goodwood, South Africa;MariusDeonSmit, 76 de Wet street Goodwood, South Africa ~72: Marius Deon Smit;Marius Deon Smit~ 33:ZA ~31:2023 ~32:25/06/2023

2023/06539 ~ Provisional ~54:POINT OF SALES UNITS THAT INCORPORATE CURVED SIGNAGE, IS EASY TO ASSEMBLE AND COST EFFECTIVE ~71:Gregory Jay Whatmore, No 112 10th Avenue, , Edenvale, , Gauteng, South Africa ~72: Gregory Jay Whatmore~

2023/06540 ~ Provisional ~54:SELF INFLATING FLOATATION ASSISTANCE DEVICE ~71:ATLANTIS SPECIALIST TECHNOLOGIES PROPRIETARY LIMITED, 215 The Cliffs, Office Block 1, Niagara Road, Tygerfalls, Carl Cronje Drive, Bellville, 7536, SOUTH AFRICA, South Africa ~72: DUMONT, Terence Paul~

2023/06549 ~ Complete ~54:MYCORRHIZAE-BASED BIO-FERTILISERS ~71:SMARTROOTS (PTY) LTD, 36 Qaqa Street Extension 9, South Africa ~72: NGQINAMBI, Nkululeko~ 33:ZA ~31:2022/07072 ~32:27/06/2022

2023/06575 ~ Complete ~54:METHODS FOR DELAY OF EJACULATION IN HUMAN MALES ~71:Kanna Health Ltd., 1st Floor, One Suffolk Way, Sevenoaks, KENT TN13 1YL, UNITED KINGDOM, United Kingdom ~72: PROTZKO, Ryan~ 33:US ~31:63/128,317 ~32:21/12/2020

2023/06577 ~ Complete ~54:SYSTEM OF ELEMENTS FOR CONSTRUCTION OF BUILDING ~71:"RUSAPS" LIMITED LIABILITY COMPANY, Mnevniki street, 1, bldg 11, floor/premises/room 2/III/30, Russian Federation ~72: AJZENVARG, Boris Semenovich;BOGACHEVA, Elizaveta Andreevna;DANILKOV, Stanislav Aleksandrovich;PUGACHEV, Aleksei Vladimirovich;SEMENOV, Aleksandr Anatol'evich;SHENDER, Aleksandr Grigorievich;SHENDER, Dmitrii Aleksandrovich~ 33:RU ~31:2020139034 ~32:27/11/2020

2023/06578 ~ Complete ~54:INTRAVENOUS INFUSION SET AND ACCESSORY THEREFOR ~71:HOLLIDAY, Daniel Mark, 24 Springhill Road, South Africa ~72: HOLLIDAY, Daniel Mark~ 33:ZA ~31:2020/07368 ~32:26/11/2020

2023/06538 ~ Provisional ~54:AN IMPROVED METHOD OF MANUFACTURING A FLEXIBLE CONTAINER ~71:Lionel Nicolas Mantzivis, 1 villa Tosca Tosca Cresent, South Africa ~72: Lionel Nicolas Mantzivis~

2023/06548 ~ Complete ~54:A BLIND DEMODULATION METHOD OF SHORT-TIME BURST FM-MFSK COMPOSITE MODULATION SIGNAL BASED ON STFT ~71:Jiaxing Vocational & Technical College, No. 547, Tongxiang Avenue, Nanhu District, Jiaxing City, Zhejiang Province, 314036, People's Republic of China ~72: Chunfang Gao;Shengyu Xie;Weifeng Meng;Xiaoji Wei;Xinjie Fu;Yun Pan~

2023/06557 ~ Complete ~54:A DIGITAL SHIP INCLINOMETER BASED ON INERTIAL NAVIGATION ~71:Zhejiang International Maritime College, No. 268 Haitian Avenue, Lincheng New District, People's Republic of China ~72: Han Zhihao;Wang Yibing;Yu Lei~

2023/06558 ~ Complete ~54:HETERODIMERIC PSMA AND CD3-BINDING BISPECIFIC ANTIBODIES ~71:APTEVO RESEARCH AND DEVELOPMENT LLC, 2401 FOURTH AVENUE, SUITE 1050, SEATTLE, WASHINGTON 98121, USA, United States of America ~72: BIENVENUE, David, Leonard;GROSS, Jane;HERNANDEZ-HOYOS, Gabriela;MISHER, Lynda;PAVLIK, Peter~ 33:US ~31:63/120,154 ~32:01/12/2020;33:US ~31:63/129,372 ~32:22/12/2020;33:US ~31:63/166,394 ~32:26/03/2021

2023/06564 ~ Complete ~54:PROFESSIONAL MACHINE DISHWASH DETERGENT LIQUID ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: LIAM EDWARD DAVIES-MCGRAA;MARINA MIXTRO SERRASQUEIRO~ 33:EP ~31:21154223.8 ~32:29/01/2021

2023/06565 ~ Complete ~54:CRYSTAL FORM OF TOLEBRUTINIB, PREPARATION METHOD THEREFOR AND USE THEREOF ~71:GENZYME CORPORATION, 450 Water Street, Cambridge, Massachusetts, United States of America ~72: CHEN, Minhua;SHI, Jiaming~ 33:CN ~31:202011455573.5 ~32:10/12/2020

2023/06542 ~ Provisional ~54:METHOD OF PRODUCING A BLAST DESIGN ~71:DETNET SOUTH AFRICA (PTY) LTD, AECI Place, The Woodlands, Woodlands Drive, Woodmead, South Africa ~72: SCHLENTER,Craig Charles~

2023/06550 ~ Complete ~54:TUMOR-TARGETED NANOMICELLE, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF AS DRUG CARRIER ~71:Hebei Chemical and Pharmaceutical College, No. 88, Fangxing Road, Yuhua District, Shijiazhuang City, Hebei Province, 050026, People's Republic of China ~72: WANG, Bingbing~

2023/06572 ~ Complete ~54:2H-INDAZOLE DERIVATIVES AS IRAK4 INHIBITORS AND THEIR USE IN THE TREATMENT OF DISEASE ~71:Biogen MA Inc., 225 Binney Street, CAMBRIDGE 02142, MA, USA, United States of America ~72: BOLDUC, Philippe;EVANS, Ryan;GAO, Fang;PETERSON, Emily Anne;PFAFFENBACH, Magnus;XIN, Zhili~ 33:US ~31:63/128,967 ~32:22/12/2020

2023/06562 ~ Complete ~54:PROCESS AND PLANT FOR PRODUCING E-FUELS ~71:TOPSOE A/S, Haldor Topsøes Allé 1, 2800, Kgs. Lyngby, Denmark ~72: ANGELICA HIDALGO VIVAS;KIM AASBERG-PETERSEN;OLE FREJ ALKILDE;PETER MØLGAARD MORTENSEN;THOMAS SANDAHL CHRISTENSEN~ 33:EP ~31:21155955.4 ~32:09/02/2021

2023/06563 ~ Complete ~54:A FILTER PLATE ASSEMBLY FOR A FILTER PRESS, AND SUCH A FILTER PRESS ~71:METSO OUTOTEC FINLAND OY, Lokomonkatu 3, Tampere, 33900, Finland ~72: ISMO JUVONEN;JANNE KAIPAINEN;MIRVA MUSTAKANGAS;TEEMU ELORANTA~ 33:EP ~31:21154955.5 ~32:03/02/2021

2023/06568 ~ Complete ~54:LINERLESS SELF-ADHESIVE MATERIAL WITH WASH-OFF PROPERTIES ~71:Ritrama S.p.A., Via Senatore Simonetta, 24, CAPONAGO (MONZA BRIANZA) 20867, ITALY, Italy ~72: GALLI, Luciano~ 33:IT ~31:102021000000197 ~32:07/01/2021

2023/06560 ~ Complete ~54:MEAT SUBSTITUTE COMPRISING ANIMAL MYOGLOBIN ~71:PALEO B.V., Meilrijk 98, 3290 Diest, Belgium ~72: ANDY DE JONG;HERMES SANCTORUM~ 33:EP ~31:20218000.6 ~32:31/12/2020;33:EP ~31:21174597.1 ~32:19/05/2021

2023/06566 ~ Complete ~54:USE OF NEUROACTIVE STEROIDS FOR TREATMENT OF SEXUAL DYSFUNCTION ~71:SAGE THERAPEUTICS, INC., 215 First Street, Cambridge, United States of America ~72: ARNOLD, Ryan;BONTHAPALLY, Vijayveer;GUNDUZ-BRUCE, Handan;SUTHOFF, Ellison~ 33:US ~31:63/142,833 ~32:28/01/2021;33:US ~31:63/142,840 ~32:28/01/2021

2023/06574 ~ Complete ~54:CONTINUOUS DISSOLUTION OF A CELLULOSE DERIVATIVE ~71:Infinited Fiber Company Oy, Tekniikantie 14, ESPOO 02150, FINLAND, Finland ~72: HARLIN, Ali;SIREN, Sakari;STJERNBERG, Martin~ 33:FI ~31:20206386 ~32:31/12/2020

2023/06591 ~ Complete ~54:RARE EARTH OXIDE STANDARD SAMPLE AND PREPARATION METHOD THEREOF ~71:BGRIMM MTC TECHNOLOGY CO., LTD., A708 AND A701 ,1 BUILDING NO.22 BEIXING ROAD, People's Republic of China ~72: FENG, Xianjin;LI, Huachang;SHI, Yehong;SUN, Jialiang;TANG, Shufang;WANG, Dongjie;XU, Bicong;YANG, Fei~ 33:CN ~31:202210913531.4 ~32:01/08/2022

2023/06617 ~ Provisional ~54:ARTIFICIAL GENERAL INTELLIGENCE ~71:Tofara Moyo, 5 protea lane newton west, Zimbabwe ~72: Tofara Moyo~

2023/06545 ~ Complete ~54:METHOD FOR EXTRACTING SUPEROXIDE DISMUTASE FROM PLANTS ~71:Hunan Ogu Biotechnology Co., Ltd., Room 604, Building 1, Zone C, Jindao Park Industrial Building, No. 179, Huizhi Middle Road, Changsha High-tech Development Zone, Hunan Province, 410000, People's Republic of China ~72: GAO, Jianjun;ZHAN, Yonggong~

2023/06547 ~ Complete ~54:LOW-TEMPERATURE LIPASE AND PRODUCTION METHOD THEREOF ~71:SHANDONG BUSINESS INSTITUTE, No.15,Haixing Road, High tech Zone, Yantai, Shandong, 264035, People's Republic of China ~72: HUANG Congcong;LI Guixia;YI Xiaoli;ZHANG Yuqi;ZHAO Qiang;ZHOU Yi~

2023/06556 ~ Complete ~54:NATURAL SOLUTION LANGUAGE ~71:BRANE COGNITIVES PTE. LTD., 1 Raffles Place, Tower 2, #19-61, One Raffles Place, Singapore ~72: BYRRAJU, Ramalinga Raju~ 33:IN ~31:201941001135 ~32:10/01/2019;33:IN ~31:201941028675 ~32:16/07/2019

2023/06567 ~ Complete ~54:PSEUDOMONAS PALMENSIS BBB001 STIMULATOR OF PLANT ADAPTIVE METABOLISM AGAINST ABIOTIC STRESS AND ENHANCER OF MINERAL NUTRITION ~71:BIOBAB R&D, S.L., Bajada a Vargas, 1. Finca, Spain ~72: GUTIERREZ ALBANCHEZ, Enrique;GUTIERREZ MAÑERO, Francisco Javier;HORCHE TRUEBA, Ignacio;LUCAS GARCA, Jose Antonio;RAMOS SOLANO, Beatriz~ 33:ES ~31:P202031185 ~32:26/11/2020

2023/06569 ~ Complete ~54:PSMA-TARGETING CONJUGATE AND USES THEREOF ~71:Orano Med, 125 Avenue de Paris, CHATILLON 92320, FRANCE, France ~72: SAIDI, Amal;STALLONS, Tania;TORGUE, Julien;WONG, Amy~ 33:EP ~31:21305061.0 ~32:19/01/2021

2023/06570 ~ Complete ~54:RECOVERING MIXED-METAL IONS FROM AQUEOUS SOLUTIONS ~71:Cytec Industries Inc., 504 Carnegie Center, PRINCETON 08540, NJ, USA, United States of America ~72: BEDNARSKI, Troy;JAKOVLJEVIC, Boban;MOYA, Luis;SZOLGA, William~ 33:US ~31:63/133,061 ~32:31/12/2020

2023/06579 ~ Complete ~54:X-RAY FLUORESCENCE WITH HEAVY ELEMENT TARGET AND METHODS OF USE THEREOF ~71:LONGYEAR TM, INC., 2455 South 3600 West, United States of America ~72: KAISER, Bruce;KRNETA, Sasa~ 33:US ~31:63/118,769 ~32:27/11/2020;33:US ~31:63/235,863 ~32:23/08/2021

2023/06536 ~ Provisional ~54:THROUGH-THE-EARTH TRANSMISSION IN A BLASTING SYSTEM ~71:DETNET SOUTH AFRICA (PTY) LTD, AECI Place, The Woodlands, Woodlands Drive, Woodmead, South Africa ~72: MEYER, Tielman Christiaan~

2023/06544 ~ Complete ~54:FEED ADDITIVE FOR POULTRY AND APPLICATION THEREOF ~71:Guangxi Aoguyuan Ecological Agricultural Technology Co., Ltd., Plot 9, Changshou Food Processing Park, Industrial Concentration Zone, Mengshan County, Wuzhou City, Guangxi, 546700, People's Republic of China ~72: GAO, Jianjun;ZHAN, Yonggong~

2023/06576 ~ Complete ~54:CLINICAL DOSING SCHEDULE OF INOSITOL PHOSPHATE OLIGO(ETHYLENE GLYCOL) COMPOUNDS ~71:VIFOR (INTERNATIONAL) AG, Rechenstrasse 37, Switzerland ~72: IVARSSON, Mattias, Emanuel~ 33:EP ~31:21153605.7 ~32:26/01/2021

2023/06541 ~ Provisional ~54:ENGINE MONITORING SYSTEM ~71:INSUMBI ENGINEERING (PTY) LTD, 162 Range View Road, Apex, Benoni, Gauteng, 1540, South Africa ~72: DEREK CRAWFORD~

2023/06543 ~ Provisional ~54:PLANTER AND METHOD OF PLANTING ~71:Novelquip Forestry (Pty) Ltd, Blazecor Unit 8 Pacaltsdorp Industria, 6529, George, South Africa ~72: Daniel Jacobus Bauermeister;Greig Oppenheimer;Helgaard Petrus Steenkamp~

2023/06546 ~ Complete ~54:ECOLOGICAL RESTORATION UNIT, RESTORATION SYSTEM AND CONSTRUCTION METHOD FOR HIGH-STEEP ROCK SLOPES ~71:Institute of Geological Hazards Prevention, Gansu Academy of Sciences, No.211 Ding Xi Nan Lu, Chengguan District, Lanzhou City, Gansu Province, People's Republic of China ~72: BAI Xiaohua;JIA Xuemei;LIU Tao;TANG Jiakai;WANG Yunxing;ZHANG Guoxin;ZHOU Ziqiang~ 33:CN ~31:2023106336829 ~32:31/05/2023

2023/06552 ~ Complete ~54:INDUSTRIAL FLUE GAS DENITRIFICATION DEVICE BASED ON PNEUMATIC CONVEYING ~71:Qingdao Huicheng Environmental Protection Technology Group Co., Ltd., 57 Huaihe East Road, Qingdao, Shandong, People's Republic of China ~72: GUO Ming;LIN Han;LIU Tiantian;WANG Guogang;WANG Zhennan;ZHANG Jinqing;ZHANG Xiaojia;ZHANG Xingong;ZHAO Jie~ 33:CN ~31:2022115898286 ~32:12/12/2022

2023/06555 ~ Complete ~54:METHODS OF IMPROVING STRESS TOLERANCE, GROWTH AND YIELD IN PLANTS ~71:Valent BioSciences LLC, 1910 Innovation Way, Suite 100, LIBERTYVILLE 60048, IL, USA, United States of America ~72: FALCO, Kimberly Ann;REDDY, Srirama Krishna;SILVERMAN, Franklin Paul;SURPIN, Marci Ann;WILSON, Dale O.;WOOLARD, Derek D.~ 33:US ~31:62/561,292 ~32:21/09/2017;33:US ~31:62/591,379 ~32:28/11/2017

2023/06573 ~ Complete ~54:MUTATIONS IN CANINE ANTIBODY CONSTANT REGIONS ~71:Zoetis Services LLC, 10 Sylvan Way, PARSIPPANY 07054, NJ, USA, United States of America ~72: BERGERON, Lisa Marie;CAMPOS, Henry Luis;LIGHTLE, Sandra Ann Marie~ 33:US ~31:63/142,774 ~32:28/01/2021

2023/06571 ~ Complete ~54:BI-FUNCTIONAL LINEAR FUSION COLLAGEN-LOCALIZED IMMUNOMODULATORY MOLECULES AND METHODS THEREOF ~71:Cullinan Amber Corp., One Main Street, Suite 520, CAMBRIDGE 02142, MA, USA, United States of America ~72: BAEUERLE, Patrick;JENNIFER, Michaelson;LI, Bochong;MEHTA, Naveen;WITTRUP, K. Dane~ 33:US ~31:63/127,995 ~32:18/12/2020

2023/06580 ~ Complete ~54:FITTING AND GASKET ~71:VICTAULIC COMPANY, 4901 Kesslersville Road, Easton, United States of America ~72: BARBOUR, Nicholas;BOWMAN, Matthew A.;MADARA, Scott D.~ 33:US ~31:63/171,103 ~32:06/04/2021

2023/06551 ~ Complete ~54:IMAGE PROCESSING METHOD FOR PANORAMIC VIDEO ~71:Hebei Chemical and Pharmaceutical College, No. 88, Fangxing Road, Yuhua District, Shijiazhuang City, Hebei Province, 050026, People's Republic of China ~72: ZHANG, Fan~

2023/06553 ~ Complete ~54:METHOD AND DEVICE FOR MANUFACTURING FLAME-RETARDANT AND ANTIBACTERIAL TEXTILES ~71:Yancheng Polytechnic College, 285 Jiefang South Road, Yancheng City, Jiangsu Province, People's Republic of China ~72: FAN Lishan;SONG Qiuxia;WANG Ke;WU Yinfei;ZHOU Bin;ZHOU Hongtao~ 33:CN ~31:202310027285.7 ~32:09/01/2023

2023/06554 ~ Complete ~54:TRANSMISSION DEVICE OF CRUCIBLE FOR CRYSTAL GROWTH ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: LI Qingxiao;LI Zhixin;LIU Conghe;WANG Jina;XU Kaidong;XU Longyun;XUE Kaiwang;ZHANG Hongchi;ZHANG Xiaoting;ZHANG Zhiyuan~

2023/06559 ~ Complete ~54:INDAZOLE COMPOUNDS AS KINASE INHIBITORS ~71:TYRA BIOSCIENCES, INC., 2333 State Street, Suite 201, Carlsbad, California, 92008, United States of America ~72: DANIEL C BENSEN;ROBERT L HUDKINS~ 33:US ~31:63/132,031 ~32:30/12/2020;33:US ~31:63/216,879 ~32:30/06/2021

2023/06561 ~ Complete ~54:A SOAP BAR ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: AJIT MANOHAR AGARKHED;AMALENDU BANGAL;CHANDRA SEKHAR GHOSH;HIMANSHU AKRE;SASWATI PUJARI;SIVA RAMA KRISHNA PERALA;YURIY KONSTANTINOVICH YAROVOY~ 33:EP ~31:21159699.4 ~32:26/02/2021

. - APPLIED ON 2023/06/27 -

2023/06607 ~ Complete ~54:COMPOSITION FOR PRETERM INFANTS TO REDUCE TIME TO FULL ENTERAL FEEDING ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: BUNCIC-MARKOVIC, Jelena;CHEN, Yipu~ 33:EP ~31:20211788.3 ~32:04/12/2020

2023/06590 ~ Complete ~54:PATATIN-LIKE PHOSPHOLIPASE DOMAIN CONTAINING 3 (PNPLA3) IRNA COMPOSITIONS AND METHODS OF USE THEREOF ~71:ALNYLAM PHARMACEUTICALS, INC., 675 West Kendall Street, Henri A. Termeer Square, Cambridge, Massachusetts, 02142, United States of America ~72: ADAM CASTORENO;CHARALAMBOS KAITTANIS;FREDERIC TREMBLAY;JAMES D MCININCH;MARK K SCHLEGEL~ 33:US ~31:62/948,445 ~32:16/12/2019;33:US ~31:63/040,602 ~32:18/06/2020

2023/06595 ~ Complete ~54:SYSTEM FOR CONFINING AND COOLING MELT FROM THE CORE OF A NUCLEAR REACTOR ~71:JOINT-STOCK COMPANY "ATOMENERGOPROEKT", ul. Bakuninskaya, d. 7, Russian Federation;SCIENCE AND INNOVATIONS - NUCLEAR INDUSTRY SCIENTIFIC DEVELOPMENT, PRIVATE ENTERPRISE, d. 24, et. 8, kab. 820, B. Ordynka street, Russian Federation ~72: BADESHKO, Kseniya Konstantinovna;CHIKAN, Kristin Aleksandrovich;SIDOROV, Aleksandr Stalevich;SIDOROVA, Nadezhda Vasilievna~ 33:RU ~31:2020143777 ~32:29/12/2020

2023/06597 ~ Complete ~54:METHOD AND DEVICE FOR MONITORING A PASSIVE HEAT REMOVAL SYSTEM ~71:JOINT-STOCK COMPANY "ATOMENERGOPROEKT", ul. Bakuninskaya, d. 7, Russian Federation;SCIENCE AND INNOVATIONS - NUCLEAR INDUSTRY SCIENTIFIC DEVELOPMENT, PRIVATE ENTERPRISE, B. Ordynka street, d.24, etazh 8, kabinet 820, Russian Federation ~72: BEZLEPKIN, Vladimir Viktorovich;IGNATIEV, Alexey Alexeyevich;IVANOVA, Marina Vladimirovna;KOLESNIK, Ilya Mikhailovich;KREKTUNOV, Oleg Petrovich;SERGEEV, Alexandr Yuryevich~ 33:RU ~31:2020143962 ~32:30/12/2020

2023/06602 ~ Complete ~54:RECOVERY OF METAL FROM LEACH PROCESSING ~71:EXTRAKT PROCESS SOLUTIONS, LLC, 140 Turner Ct., Bowling Green, Kentucky, 42101, United States of America ~72: CHRISTIAN

KUJAWA;WILLIAM R FLORMAN~ 33:US ~31:63/140,548 ~32:22/01/2021;33:US ~31:63/147,981 ~32:10/02/2021

2023/06603 ~ Complete ~54:APPARATUS AND METHOD FOR RECORDING NUMBER OF TIMES, DURATION AND CAUSE OF TRAINING INTERRUPTION OF ANALOG MACHINE ~71:CHINA EASTERN TECHNOLOGY APPLICATION RESEARCH AND DEVELOPMENT CENTER CO., LTD., No. 18, Zone 1, 8228 Beiqing Road, Xianghuaqiao Street, Qingpu District Shanghai 201707, People's Republic of China ~72: HUANIAN LV;JING LI;MENGTAI ZHOU~ 33:CN ~31:202110544525.1 ~32:19/05/2021

2023/06608 ~ Complete ~54:STABLE AQUEOUS COMPOSITION FOR PRETERM TO PROMOTE EARLY POSTNAL GROWTH ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: BUNCIC-MARKOVIC, Jelena;CHEN, Yipu~ 33:EP ~31:20211796.6 ~32:04/12/2020

2023/06610 ~ Complete ~54:CIGB-300 FOR USE IN THE THE INDUCTION OF ANTITUMOR AND ANTIVIRAL IMMUNTY ~71:Centro de Ingeniería Genética y Biotecnología, Avenida 31 No. 15802, entre 158 y 190, Cubanacán, Playa, LA HABANA 11600, CUBA, Cuba ~72: AGUILAR NORIEGA, Daylen;BALADRON CASTRILLO, Idania Caridad;DÍAZ REYES, Pablo Arsenio;LEMOS PÉREZ, Gilda;PEREA RODRÍGUEZ, Silvio Ernesto;PERERA NEGRIN, Yasser;VÁZQUEZ BLOMQUIST, Dania Marcia~ 33:CU ~31:2020-0103 ~32:18/12/2020

2023/06612 ~ Complete ~54:NOVEL STEROID PAYLOADS, STEROID LINKERS, ADCS CONTAINING AND USE THEREOF ~71:ImmuNext Inc., 1 Medical Center Drive, LEBANON 03766, NH, USA, United States of America ~72: BELL, Kierstin;BORKIN, Dmitry;CARRIERE, Catherine;CLARK, Erin;DAY, Maria;GUO, Yalin;HUANG, Xin;KLINE, Toni;KOVAL, Alexander;KUTA, Anna;LORIYA, Rajeshkumar Maganlal;MEDINA, Julio;MEIMETIS, Labros;MOLLOY, Michael;PECHENICK, Dov;RAJANNA, Shibhani;ROTHSTEIN, Jay;SCHWERTNER, Nicholas;SEREGIN, Sergey;SUN, Sheng;THUMMANAPELLI, Sravan;WANG, Yingcai (Ian);ZHOU, Jieyu~ 33:US ~31:63/134,811 ~32:07/01/2021;33:US ~31:63/138,958 ~32:19/01/2021;33:US ~31:63/178,378 ~32:22/04/2021;33:US ~31:63/186,447 ~32:10/05/2021;33:US ~31:63/188,499 ~32:14/05/2021;33:US ~31:63/246,941 ~32:22/09/2021;33:US ~31:63/251,939 ~32:04/10/2021;33:US ~31:63/271,023 ~32:22/10/2021;33:US ~31:63/271,554 ~32:25/10/2021;33:US ~31:63/284,886 ~32:01/12/2021;33:US ~31:63/290,100 ~32:16/12/2021

2023/06581 ~ Provisional ~54:CONSTRUCTION MANAGEMENT SYSTEM AND METHOD ~71:Tshwane University of Technology, Arcadia Campus, 175 Mandela Drive, Arcadia, PRETORIA 0083, Gauteng Province, SOUTH AFRICA, South Africa ~72: MNCWABE, Grace Nompumelelo;MPOFU, Khumbulani~

2023/06593 ~ Complete ~54:WATER SUPPLY VALVE ~71:JOINT-STOCK COMPANY "ATOMENERGOPROEKT", ul. Bakuninskaya, d. 7, Russian Federation;SCIENCE AND INNOVATIONS - NUCLEAR INDUSTRY SCIENTIFIC DEVELOPMENT, PRIVATE ENTERPRISE, B. Ordynka street, 24, et. 8, kab. 820, Russian Federation ~72: CHIKAN, Kristin Aleksandrovich;NEDOREZOV, Andrej Borisovich;SIDOROV, Aleksandr Stalevich;SIDOROVA, Nadezhda Vasilievna~ 33:RU ~31:2020143782 ~32:29/12/2020

2023/06599 ~ Complete ~54:SYSTEM FOR CHECKING THE AUTHENTICITY OF PRODUCTS ~71:RED BULL GMBH, Am Brunnen 1, 5330, Fuschl am See, Austria ~72: HARALD MAYRHUBER;HERMANN SONNLEITNER;JOSEF NACHBAGAUER;ROLAND CONCIN~ 33:EP ~31:20216867.0 ~32:23/12/2020

2023/06605 ~ Complete ~54:CONDITION BASED MONITORING OF IRRIGATION ~71:HEARTLAND AG TECH, INC., 907 3rd Avenue Hancock, Wisconsin, 54943, United States of America ~72: JEREMIE PAVELSKI;ROBERT BUCHBURGER;RUSSELL SANDERS~ 33:US ~31:63/129,799 ~32:23/12/2020

2023/06606 ~ Complete ~54:TOPICAL HUMAN MILK FORMULATIONS ~71:Prolacta Bioscience, Inc., 1800 Highland Avenue, DUARTE 91010, CA, USA, United States of America ~72: NIKLAS, Victoria;PATRA, Biranchi;SUN, Adam~ 33:US ~31:63/140,544 ~32:22/01/2021;33:US ~31:63/195,392 ~32:01/06/2021

2023/06609 ~ Complete ~54:HOPPER COMPRISING A DEFORMABLE EXTENSION ~71:Desarrollos Technologicos S.A., Calle Dos #9417, Quilicura, SANTIAGO, CHILE, Chile ~72: AGUIRRE GRAPIN, Francisco Javier;AYESTARÁN DÍAZ, Asdrúbal José~ 33:CL ~31:3404-2020 ~32:28/12/2020

2023/06613 ~ Complete ~54:APPARATUS FOR GENERATING ELECTRICAL POWER ~71:VGS Energy Ltd, Quadrant House, Floor 6 4 Thomas More Square, LONDON E1W 1YW, UNITED KINGDOM, United Kingdom ~72: SUCHANEK, Martin~

2023/06618 ~ Provisional ~54:MECHANICAL AUTO FABRIC WASHER AND DRYER (MAFWAD) ~71:Mbuso Ngcongo, 6 Rayleigh House, 214 Che Guevara Road, South Africa ~72: NOMALANGA GOBA~

2023/06584 ~ Complete ~54:LIGHTWEIGHT HIGH-STRENGTH GYPSUM-BASED SPRAYING MORTAR AND PREPARATION METHOD THEREOF ~71:XUZHOU COLLEGE OF INDUSTRIAL TECHNOLOGY, No. 1 Xiangwang South Road, Gulou District, Xuzhou City, Jiangsu Province, 221140, People's Republic of China ~72: CHENG Cheng;LI Kuo;LI Xingzhen;LIU Liwei;LIU Nianru~

2023/06587 ~ Complete ~54:IRRIGATION METHOD FOR PREVENTING WATER AND SOIL LOSS OF RANKER OF NEWLY CULTIVATED STEEP SLOPE ~71:XINJIANG INSTITUTE OF ECOLOGY AND GEOGRAPHY, CHINESE ACADEMY OF SCIENCES, NO. 818, BEIJING SOUTH ROAD, People's Republic of China ~72: CHEN, Yaning;CHEN, Yapeng;PAN, Tingting;ZHU, Chenggang~

2023/06592 ~ Complete ~54:METHOD FOR PRODUCING TARGET PRODUCT FROM GLYCOLIC ACID UNDER ACTION OF ENZYME ~71:TIANJIN INSTITUTE OF INDUSTRIAL BIOTECHNOLOGY, CHINESE ACADEMY OF SCIENCES, 32 West 7th Avenue, People's Republic of China ~72: JIANG, Huifeng;LU, Lina;LU, Xiaoyun~ 33:CN ~31:202011382345.X ~32:01/12/2020

2023/06598 ~ Complete ~54:METHOD FOR PURIFYING 1-HEXENE ~71:SABIC GLOBAL TECHNOLOGIES B.V., Plasticslaan 1, Netherlands ~72: AL-ANAZI, Mohammed Fahad;AL-HAMDAN, Abdulmajeed Mohammed;AZAM, Shahid;BAWARETH, Bander;CHAKRABORTY, Debashis;DESHMUKH, Rajan V;EISSA, Ahmed Hussain;GHOSH, Ashim Kumar;LICCIULLI, Sebastiano;MARGHALANI, Omar A;PAUL, Somak~ 33:EP ~31:20217807.5 ~32:30/12/2020

2023/06601 ~ Complete ~54:COAXIAL NEEDLE TECHNETIUM ELUTION GENERATOR ~71:BWXT ISOTOPE TECHNOLOGY GROUP, INC., 800 Main St, Lynchburg, Virginia, 24504, United States of America ~72: BENJAMIN D FISHER;BRYAN BLAKE WIGGINS;CHRISTOPHER SEAN FEWOX;THOMAS A ARTMAN~ 33:US ~31:63/131,554 ~32:29/12/2020;33:US ~31:17/563,211 ~32:28/12/2021

2023/06583 ~ Provisional ~54:ACCESS CONTROL UNIT ~71:DELTROLUX (PTY) LTD, Lords Office Park, Block 8, Centurion, 0157, South Africa ~72: DWAYNE-LODI KLOPPERS~

2023/06582 ~ Provisional ~54:COMPOSITION AND METHOD TO ENHANCE COGNITIVE ABILITY WHILST ELEVATING ENERGY LEVELS ~71:SUPRAPHARM CC, 44 Wessels Road, Rivonia, South Africa ~72: TERPIZIS, COSTAS LAMBROS;TERPIZIS, DIMITRI JOHN~

2023/06600 ~ Complete ~54:ENERGY STORAGE SYSTEM WITH ELEVATOR LIFT SYSTEM ~71:ENERGY VAULT, INC., 4360 Park Terrace Dr., Suite 100, Westlake Village, California, 91361, United States of America ~72: ANDREA PEDRETTI;ROLAND MARKUS HÄNNI~ 33:US ~31:63/130,573 ~32:24/12/2020

2023/06604 ~ Complete ~54:METHOD AND SYSTEM FOR MEASURING IN-FLIGHT LANDING DISTANCE ~71:CHINA EASTERN TECHNOLOGY APPLICATION RESEARCH AND DEVELOPMENT CENTER CO., LTD., No. 18, Zone 1, 8228 Beiqing Road, Xianghuaqiao Street, Qingpu District Shanghai 201707, People's Republic of China ~72: JUN LI;YIN JIANG;ZHIMIN WANG~ 33:CN ~31:202110637846.6 ~32:08/06/2021

2023/06614 ~ Complete ~54:SOYBEAN ENGINEERED RESISTANCE ~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: JUCOVIC, Milan;LIU, Qingli;REYNOLDS, Clarence Michael;TAN, Xiaoping~ 33:US ~31:63/140,539 ~32:22/01/2021

2023/06585 ~ Complete ~54:METHOD FOR REGULATING THE BIOFILM FORMATION ABILITY OF BACILLUS SUBTILIS ~71:Anhui Polytechnic University, No.8 Beijing Middle Road, Jiujiang District, Wuhu City, Anhui Province, People's Republic of China ~72: GAO Xuli;HU Liuxiu;HUANG Junbao;HUANG Xilin;JIA Mengyu;LIU Yan;LUO Yani;WU Jing;XUE Zhenglian~

2023/06589 ~ Complete ~54:PLGA NANOPARTICLE LOADED WITH MELITTIN AND ASTAXANTHIN SIMULTANEOUSLY AND APPLICATION THEREOF ~71:GUANGDONG XIN NATURE BIOTECHNOLOGY DEVELOPMENT CO., LTD, 502, XINGYE BUSINESS BUILDING, NO. 46, ZHANQIAN ROAD, People's Republic of China ~72: HU, Tianye;JIN, Hua;ZHAO, Yue;ZHU, Li~ 33:CN ~31:2023105617261 ~32:18/05/2023

2023/06596 ~ Complete ~54:SYSTEM FOR CONFINING AND COOLING MELT FROM THE CORE OF A NUCLEAR REACTOR ~71:JOINT-STOCK COMPANY "ATOMENERGOPROEKT", ul. Bakuninskaya, d. 7, Russian Federation;SCIENCE AND INNOVATIONS - NUCLEAR INDUSTRY SCIENTIFIC DEVELOPMENT, PRIVATE ENTERPRISE, B. Ordynka street, 24, et. 8, kab. 820, Russian Federation ~72: BADESHKO, Kseniya Konstantinovna;CHIKAN, Kristin Aleksandrovich;SIDOROV, Aleksandr Stalevich;SIDOROVA, Nadezhda Vasilievna~ 33:RU ~31:20200143779 ~32:29/12/2020

2023/06615 ~ Complete ~54:IMIDAZO[1,2-A]PYRIDINE DERIVATIVES AS IRAK4 INHIBITORS AND THEIR USE IN THE TREATMENT OF DISEASE ~71:Biogen MA Inc., 225 Binney Street, CAMBRIDGE 02142, MA, USA, United States of America ~72: BOLDUC, Philippe;EVANS, Ryan;GAO, Fang;PETERSON, Emily Anne;PFAFFENBACH, Magnus;XIN, Zhili~ 33:US ~31:63/128,964 ~32:22/12/2020

2023/06594 ~ Complete ~54:OCTAHEDRAL RETICULATED STEREO MODULE FOR THE CONSTRUCTION OF BUILDINGS ~71:BRIE, Miguel Díaz, Capuchinas 173-1 La Concordia Naucalpan, Mexico;BRIE, Sebastián José, Echeverría 4608 Piso 2 - Departamento 5 Ciudad Autónoma, Argentina;RODRÍGUEZ, Osvaldo Néstor, Billinghurst 1260 Piso 6 - Departamento C Ciudad Autónoma, Argentina ~72: RODRÍGUEZ, Osvaldo Néstor~ 33:AR ~31:20200103382 ~32:03/12/2020

2023/06611 ~ Complete ~54:METHOD FOR IDENTIFYING SPECIES OF EUKARYOTE ON BASIS OF WHOLE GENOME ANALYSIS, AND USE THEREOF ~71:Institute of Medicinal Plant Development, Chinese Academy of Medical Sciences, No.151, Malianwa North Road, Haidian District, BEIJING 100193, CHINA (P.R.C.), People's Republic of China ~72: GAN, Yutong;HAO, Lijun;QI, Guihong;SONG, Jingyuan;XIN, Tianyi;XU, Wenjie~

2023/06586 ~ Complete ~54:PNEUMATIC DEVICE ~71:VAN WYK, Daniel Nicolaas, No 5 Chapman Street, Klein Windhoek, Namibia ~72: VAN WYK, Daniel Nicolaas~ 33:ZA ~31:2022/05956 ~32:30/05/2022

2023/06588 ~ Complete ~54:NURSING DEVICE CONVENIENT FOR BED AND CHAIR CONVERSION ~71:THE FIFTH AFFILIATED HOSPITAL OF ZHENGZHOU UNIVERSITY, NO. 3, KANGFUQIAN STREET, People's Republic of China ~72: LI, Juan;WANG, Lili;YIN, Shanshan;ZHANG, Hongjuan;ZHANG, Qiujun~

2023/06616 ~ Complete ~54:INTEGRATED MULTIFUNCTIONAL ENDOSCOPIC APPARATUS ~71:JI, Chengyong, No. 1, Guangcui Road, Guangming Street, Guangming District, Shenzhen, Guangdong, 518107, People's Republic of China ~72: JI, Chengyong~ 33:CN ~31:202022799576.2 ~32:28/11/2020

. - APPLIED ON 2023/06/28 -

2023/06632 ~ Complete ~54:APPLICATION OF CHINESE LIQUOR IN THE PREPARATION OF MEDICINES FOR IMPROVING INTESTINAL BARRIER FUNCTIONS AND GUT MICROBIOTA ~71: Shivasheesh Kaushik'Assistant Professor, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Dr. Satyendra Singh'Professor, Mechanical Engineering Department, B.T.K.I.T Dwarahat, Almora, Uttarakhand, 263653

Puneet Singh'Project Associate UCOST Deptt of Science and technology Govt of Uttrakhand

Shailesh Ranjan Kumar'Mechanical Engineering Department, Motihari College of Engineering, Motihari, NH-28A, Fursatpur, Bariyarpur, Motihari, East Champaran, Bihar, 845401

Dr. Sandeep Kumar'Teaching Personnel, Industrial and Production Engineering Department, College of Technology, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 263145

Dr. Abhishek Pathak'Teaching Personnel, , College of Technology, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 263145

Dr. Maneesh Tewari'Assistant Professor, Industrial and Production Engineering Department, College of Technology, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 263145

Dr. Shobhit Gupta'Associate Professor, Electrical Engineering Department, College of Technology, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 263145

Dr. Ajay Suryavanshi'Associate Professor, Mechanical Engineering Department, Bundelkhand Institute of Engineering and Technology, Jhansi, Uttar Pradesh, 284128

Dr. Umesh Vishwakarma'Associate Professor, Mechanical Engineering Department, O P Jindal University, Chhattisgarh

Dr. Navin Kumar Jha'Assistant Professor, Mechanical Engineering Department, JSSATE, Noida

Arvind Patidar'Assistant Professor, College of Technology, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 263145

Dr. Devaki Nandan'Assistant Professor, College of Technology, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 263145

Ashwani Kumar'Assistant Professor, Mechanical Engineering Department, SRMS College of Engineering and Technology, Bareilly, Uttar Pradesh

Anil Kumar Chhotu'Civil Engineering Department, Motihari College of Engineering, Motihari, NH-28A, Fursatpur, Bariyarpur, Motihari, East Champaran, Bihar India, 845401

Ashutosh Kumar'Mechanical Engineering Department, Motihari College of Engineering, Motihari, NH-28A, Fursatpur, Bariyarpur, Motihari, East Champaran, Bihar, 845401

Dr. Saba Sabir'Assistant Professor, Applied Science Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Dr. Nisha Mehra'Assistant Professor, Applied Science Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Priyanka Gupta'Assistant Professor, Pharmacy Department, College Of Pharmacy, Shivalik Campus, Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Dr. Sameena Mehtab'Assistant Professor, Chemistry Department, College of Basic Science and Humanities, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 248197

Satish Kumar'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Ashwarya Raj Paul'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Ritu Kumari'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Manish Kumar'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Avnish Verma'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Abhishek Bhandari'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Shaily Chauhan'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Shikha Tailwal'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

~72: Shivasheesh Kaushik'Assistant Professor, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Dr. Satyendra Singh'Professor, Mechanical Engineering Department, B.T.K.I.T Dwarahat, Almora, Uttarakhand, 263653

Puneet Singh'Project Associate UCOST Deptt of Science and technology Govt of Uttrakhand

Shailesh Ranjan Kumar'Mechanical Engineering Department, Motihari College of Engineering, Motihari, NH-28A, Fursatpur, Bariyarpur, Motihari, East Champaran, Bihar, 845401

Dr. Sandeep Kumar'Teaching Personnel, Industrial and Production Engineering Department, College of Technology, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 263145

Dr. Abhishek Pathak'Teaching Personnel, , College of Technology, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 263145

Dr. Maneesh Tewari'Assistant Professor, Industrial and Production Engineering Department, College of Technology, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 263145

Dr. Shobhit Gupta'Associate Professor, Electrical Engineering Department, College of Technology, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 263145

Dr. Ajay Suryavanshi'Associate Professor, Mechanical Engineering Department, Bundelkhand Institute of Engineering and Technology, Jhansi, Uttar Pradesh, 284128

Dr. Umesh Vishwakarma'Associate Professor, Mechanical Engineering Department, O P Jindal University, Chhattisgarh

Dr. Navin Kumar Jha'Assistant Professor, Mechanical Engineering Department, JSSATE, Noida

Arvind Patidar'Assistant Professor, College of Technology, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 263145

Dr. Devaki Nandan'Assistant Professor, College of Technology, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 263145

Ashwani Kumar'Assistant Professor, Mechanical Engineering Department, SRMS College of Engineering and Technology, Bareilly, Uttar Pradesh

Anil Kumar Chhotu'Civil Engineering Department, Motihari College of Engineering, Motihari, NH-28A, Fursatpur, Bariyarpur, Motihari, East Champaran, Bihar India, 845401

Ashutosh Kumar'Mechanical Engineering Department, Motihari College of Engineering, Motihari, NH-28A, Fursatpur, Bariyarpur, Motihari, East Champaran, Bihar, 845401

Dr. Saba Sabir'Assistant Professor, Applied Science Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Dr. Nisha Mehra'Assistant Professor, Applied Science Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Priyanka Gupta'Assistant Professor, Pharmacy Department, College Of Pharmacy, Shivalik Campus, Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Dr. Sameena Mehtab'Assistant Professor, Chemistry Department, College of Basic Science and Humanities, GB Pant University of Agriculture and Technology, Pantnagar, Uttarakhand, 248197

Satish Kumar'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Ashwarya Raj Paul'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Ritu Kumari'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Manish Kumar'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Avnish Verma'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Abhishek Bhandari'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Shaily Chauhan'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

Shikha Tailwal'Scholar, Mechanical Engineering Department, Shivalik College Of Engineering Dehradun, Shiniwala P.O. Sherpur, Sheshambara, Near Himigiri Zee University, Shimla By Pass Road, Dehradun, Uttarakhand, 248197

2023/06644 ~ Complete ~54:APPLICATION OF CHINESE LIQUOR IN THE PREPARATION OF MEDICINES FOR IMPROVING INTESTINAL BARRIER FUNCTIONS AND GUT MICROBIOTA ~71:DALIAN MEDICAL UNIVERSITY, No.9 West Section Lvshun South Road,, Dalian, Liaoning, 116000, People's Republic of China;SHEDE SPIRITS CO., LTD., No. 999 Tuopai Avenue, Tuopai Town,, Shehong, Sichuan, 629200, People's

Republic of China ~72: LI, Ming;PU, Jizhou;RAO, Jiaquan;WANG, Xiaoping;WEN, Jing;YUAN, Jieli;ZOU, Yongfang~ 33:CN ~31:202210668701.7 ~32:14/06/2022

2023/06648 ~ Complete ~54:PYRROLE-TYPE COMPOUNDS AND USES THEREOF FOR TREATING VIRAL INFECTIONS ~71:ENYO PHARMA, 60 AVENUE ROCKEFELLER BIOSERRA 1 - BÂTIMENT B, 69008 LYON, FRANCE, France ~72: DE CHASSEY, Benoît;MEYNIEL-SCHICKLIN, Laurène;MIEGE, Frédéric;VONDERSCHER, Jacky~ 33:EP ~31:20306485.2 ~32:03/12/2020

2023/06652 ~ Complete ~54:FIVE-MEMBERED RING DERIVATIVE AND MEDICAL USE THEREOF ~71:SICHUAN HAISCO PHARMACEUTICAL CO., LTD., No.136 Beverley Road, Across The Taiwan Strait Technology Industry Development Park, Wenjiang District, Chengdu, Sichuan, 611130, People's Republic of China ~72: CHEN ZHANG;GUANGLIN WENG;JIA NI;MING LEI;MINGLIANG ZHAO;PANGKE YAN;PINGMING TANG;TAO MOU;YAN YU;YAO LI~ 33:CN ~31:202011557297.3 ~32:25/12/2020;33:CN ~31:202110109531.4 ~32:27/01/2021;33:CN ~31:202110403365.9 ~32:16/04/2021;33:CN ~31:202111000175.9 ~32:02/09/2021

2023/06622 ~ Provisional ~54:TENT FLAP WEIGHT ~71:COETZEE, Andre Jaques, 22 Die Meent, 510 Alandale Street, Elarduspark, South Africa;COETZEE, Louise, 22 Die Meent, 510 Alandale Street, Elarduspark, South Africa ~72: COETZEE, Andre Jaques;COETZEE, Louise~

2023/06628 ~ Complete ~54:MOLECULAR MARKER RELATED TO PORK QUALITY TRAITS AND APPLICATION ~71:FOSHAN UNIVERSITY, NO. 33 GUANGYUN ROAD, People's Republic of China ~72: FENG, Zheng;PEI, Yangli;SONG, Jia;WANG, Jifeng;WANG, Wenjing;YAN, Wenhao;ZHANG, Shumeng~

2023/06630 ~ Complete ~54:PREPARATION METHOD AND APPLICATION OF NOVEL ARTEMISININ DERIVATIVES AND LIPOSOMES ~71:INSTITUTE OF CHINESE MATERIA MEDICA CHINA ACADEMY OF CHINESE MEDICAL SCIENCES, No.16 Nanxiaojie, Dongzhimen Nei Ave., Beijing, 100700, People's Republic of China ~72: DU Maobo;GU Liwei;GUO Qiuyan;LIU Dandan;LIU Shuzhi;SHEN Shuo;WANG Jigang;XIA Fei;ZHANG Junzhe~ 33:CN ~31:2022107927145 ~32:05/07/2022

2023/06633 ~ Complete ~54:AN EFFICIENT IOT-BASED PREDICTION SYSTEM TO PREDICT THE SUITABILITY OF WATER USAGE AND THE METHOD THEREOF ~71:Dr. Bhushankumar Pitambar Nemade, Mukesh Patel School Of Technology Management & Engineering, SVKM’s NMIMS University, Bhakti Vedant Swami Marg, Near Cooper Hospital, JVPD Scheme, Vile Parle (West), Mumbai, Maharashtra, 400 056, India;Dr. Bijith Marakarkandy, Professor, Department of e-business S.P. Mandali’s Prin. L. N. Welingkar Institute of Management Development & Research (WeSchool) Lakhamsi Napoo Road, Opposite Matunga Gymkhana, Matunga Central Railway, Matunga East, 400019, India;Dr. Ketan Shah, Mukesh Patel School Of Technology Management & Engineering, SVKM's NMIMS University, Bhakti Vedant Swami Marg, Near Cooper Hospital, JVPD Scheme, Vile Parle (West), Mumbai, Maharashtra, 400 056, India;Dr. Sujata S. Alegavi, Thakur College of Engineering and Technology, A-Block, Thakur Educational Campus, Shyamnarayan Thakur Marg, Thakur Village, Kandivali East, Mumbai, Maharashtra, 400101, India;Dr. Vikas kaul, Associate Professor Information Technology, Shree L.R. TIWARI College of Engineering, SHREE L.R. TIWARI EDUCATIONAL CAMPUS, Mira Road – East, Thane, Maharashtra, 401 107, India;Dr. Vinayak Ashok Bharadi, Finolex Academy of Management and Technology, P60, P60-1, MIDC, Ratnagiri, Ratnagiri, Maharashtra , 415639, India ~72: Dr. Bhushankumar Pitambar Nemade;Dr. Bijith Marakarkandy;Dr. Ketan Shah;Dr. Sujata S. Alegavi;Dr. Vikas kaul;Dr. Vinayak Ashok Bharadi~

2023/06637 ~ Complete ~54:A SYSTEM AND METHOD FOR ANOMALY DETECTION BASED ON DIFFERENTIAL OF SENTIMENT SCORE ~71:Aakanksha Birje, Finolex Academy of Management and Technology, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Antara Phadnis, Finolex Academy of Management and Technology, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI,

Maharashtra, 415639, India;Asawari Sawant, Finolex Academy of Management and Technology, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Dr. Bhushankumar Nemade, Thakur College of Engineering and Technology, A-Block, Thakur Educational Campus, Shyamnarayan Thakur Marg, Thakur Village, Kandivali East, Mumbai, Maharashtra, 400101, India;Dr. Kaushal Prasad, Finolex Academy of Management and Technology, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Dr. Sujata Alegavi, Thakur College of Engineering and Technology, A-Block, Thakur Educational Campus, Shyamnarayan Thakur Marg, Thakur Village, Kandivali East, Mumbai, Maharashtra, 400101, India;Dr. Vinayak Bharadi, Finolex Academy of Management and Technology, Head of Information Technology Department, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Finolex Academy of Management and Technology, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Janhavi Lele, Finolex Academy of Management and Technology, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Pravin Jangid, Finolex Academy of Management and Technology, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Shashank Tolye, Finolex Academy of Management and Technology, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India ~72: Aakanksha Birje;Antara Phadnis;Asawari Sawant;Dr. Bhushankumar Nemade;Dr. Kaushal Prasad;Dr. Sujata Alegavi;Dr. Vinayak Bharadi;Janhavi Lele;Pravin Jangid;Shashank Tolye~

2023/06649 ~ Complete ~54:REAL-TIME MONITORING SYSTEM AND MODELING METHOD FOR THE SHAPE OF GOAF IN MINES ~71:Anhui Magang Luohe Mining Co., LTD, Luohe Town Government Office Building, Lujiang County, Hefei City, Anhui Province, 231562, People's Republic of China;Huawei National Engineering Research Center for Efficient Recycling of Metallic Mineral Resources Co., LTD, 666 Xitang Road, economic development zone, Ma'anshan City, Anhui Province, 243071, People's Republic of China;SINOSTEEL MAANSHAN GENERAL INSTITUTE OF MINING RESEARCH CO.,LTD, 666 Xitang Road, economic development zone, Ma'anshan City, Anhui Province, 243000, People's Republic of China ~72: DAI Bibo;GAO Yijun;JIA Wei;LI Pengcheng;LIU Hailin;LIU Kang;LIU Yanjun;LU Yugen;NIE Wen;PENG Jun;SUN Guoquan;SUN Lijun;WANG Hongxi;YANG Jiamian;YUAN Jinfeng;ZHU Zongjie~ 33:CN ~31:2022108362787 ~32:15/07/2022

2023/06660 ~ Complete ~54:ABRASIVE SILICA PARTICLES ~71:PQ Silicas UK Limited, Bank Quay, 4 Liverpool Road, WARRINGTON WA5 1AQ, CHESHIRE, UNITED KINGDOM, United Kingdom ~72: GLEAVES, Pam;MCKEOWN, Ian;NOCK, Anthony;SENTURK, Ufuk;STEBBING, Simon~ 33:US ~31:63/124,431 ~32:11/12/2020;33:GB ~31:2100521.0 ~32:15/01/2021

2023/06658 ~ Complete ~54:TREATMENT OF CHRONIC PRURIGO ~71:CELLDEX THERAPEUTICS, INC., 53 Frontage Road, Suite 220, Hampton, New Jersey, 08827, United States of America ~72: BRET ALAN HOLLEY;JOEL GOLDSTEIN~ 33:US ~31:63/140,621 ~32:22/01/2021;33:US ~31:63/238,688 ~32:30/08/2021

2023/06668 ~ Complete ~54:CONSTRUCTION METHOD FOR LARGE-SPAN THIN-WALL CONCRETE SOUND BARRIER POURING TROLLEY ~71:CHINA RAILWAY SIXTH GROUP CO., LTD., Area 2, No. 2 Wanshou Road, Haidian District, People's Republic of China;CHINA RAILWAY SIXTH GROUP CO., LTD. BEIJING RAILWAY CONSTRUCTION COMPANY, Area 2, No. 2 Wanshou Road, Haidian District, People's Republic of China ~72: BI, Zongwei;FU, Qiang;LIU, Lin;REN, Xiaosen;SUN, Aitian;WANG, Kun;WANG, Zhiyu;YU, Guangtao;ZHANG, Chun;ZHAO, Yang~ 33:CN ~31:202011600599.4 ~32:30/12/2020

2023/06625 ~ Provisional ~54:POWER ~71:STEVE BUYS, 113 PINE AVE, South Africa ~72: STEVE BUYS~

2023/06627 ~ Complete ~54:AUTOMATIC MONITORING SYSTEM AND METHOD FOR INCLINOMETRY AND SEEPAGE MEASUREMENT OF RETAINING STRUCTURE OF FOUNDATION PIT ENGINEERING ~71:HEFEI UNIVERSITY, No.99 Jinxiu Avenue, Hefei Economic and Technological Development Zone, Anhui Province, People's Republic of China ~72: CHENG Gan;HE Hongbo;LIU Wenlin;LIU Xiangyang;XU Xueqing;ZHU Lei~

2023/06629 ~ Complete ~54:SUPPORTING METHOD FOR ENTRANCE OF SHALLOW-BURIED UNDERGROUND TUNNEL OF URBAN SUBWAY ~71:HEFEI UNIVERSITY, No.99 Jinxiu Avenue, Hefei Economic and Technological Development Zone, Anhui Province, People's Republic of China ~72: CHENG Gan;HE Hongbo;LIU Xiangyang;WU Ling;XU Xueqing;ZHU Lei~

2023/06642 ~ Complete ~54:A NANO SILVER PARTICLE PREPARATION DEVICE AND A PREPARATION METHOD THEREOF ~71:Jiangsu Wulong Knitting Co., Ltd., Shengyang Village, Sanpu Street, High-tech Industrial Development Zone, Xuzhou City, Jiangsu Province, 221000, People's Republic of China ~72: Ao Zhang;Min Zhang;Qingjun Zhang~ 33:CN ~31:202310470013.4 ~32:26/04/2023

2023/06650 ~ Complete ~54:STRAIN HAVING ENHANCED L-GLUTAMIC ACID PRODUCTIVITY, CONSTRUCTION METHOD THEREFOR AND APPLICATION THEREOF ~71:NINGXIA EPPEN BIOTECH CO., LTD, Yanghe Industry Garden, Yongning County Yinchuan, People's Republic of China ~72: JIA, Huiping;MA, Fengyong;MENG, Gang;SU, Houbo;WEI, Aiying;YANG, Lipeng;ZHAO, Chunguang;ZHOU, Xiaoqun~ 33:CN ~31:202011631311.X ~32:30/12/2020

2023/06654 ~ Complete ~54:PROCTOSCOPE ~71:DEVELOPERATION AB, Kottgatan 213, 122 64, Enskede, Sweden ~72: JOHAN UNGERSTEDT~ 33:EP ~31:21155308.6 ~32:04/02/2021

2023/06661 ~ Complete ~54:SYSTEM, MANUFACTURING METHOD AND PRECAST FOUNDATION STRUCTURE FOR A WIND TURBINE ~71:Nordex Energy Spain, S.A.U., POLIGONO INDUSTRIAL BARASOAIN, PARCELA 2, BARASOAIN 31395, (NAVARRA), SPAIN, Spain ~72: ARLABÁN GABEIRAS, Teresa;GARCÍA MAESTRE, Iván;GARDUÑO ESTEBANEZ, Aitor;NÚÑEZ POLO, Miguel~ 33:EP ~31:20383117.7 ~32:17/12/2020

2023/06663 ~ Complete ~54:CRYSTALLINE FORMS OF A RYANODINE RECEPTOR MODULATOR AND USES THEREOF ~71:ARMGO Pharma, Inc., PMB #260, 923 Saw Mill River Road, ARDSLEY 10502, NY, USA, United States of America ~72: BELVEDERE, Sandro;TAULELLE, Pascal~ 33:US ~31:63/135,083 ~32:08/01/2021

2023/06631 ~ Complete ~54:SPECIAL-SHAPED PART CLAMPING DEVICE ~71:National Energy Group Ningxia Coal Industry Co., Ltd., No. 168 Beijing Middle Road, Yinchuan City, Ningxia Hui Autonomous Region, People's Republic of China;Ningxia Tiandi Northwest Coal Machine Limited Company, Dawukou Industrial Park, Shizuishan City, Ningxia Hui Autonomous Region, People's Republic of China ~72: FENG Baozhong;HAN Fangcheng;HE Yongfeng;JIN Feng;LAN Chunsen;LI Juan;MA Guocong;MA Yue;WANG Ning;WANG Zhangui;YANG Hai;YANG Jie;YU Tao;ZHANG Cheng;ZHANG Yuhan~

2023/06636 ~ Complete ~54:HIGH-TEMPERATURE DUST REMOVAL AND DENITRATION COLLABORATIVE DESULFURIZATION SYSTEM FOR SPODUMENE SMELTING FLUE GAS ~71:Anhui Weida Environmental Protection Technology Co., Ltd, Lintou Town Industrial Park, Hanshan County, Ma'anshan, Anhui Province, People's Republic of China ~72: Chen Shihui;Huang Naijin;Ren Caitao;Wang Gaohui;Xie Bin;Zhou Haoran~

2023/06641 ~ Complete ~54:ANTIBODIES BINDING TO ILT4 ~71:Bristol-Myers Squibb Company, Rte. 206 & Province Line Road, P.O. Box 4000, PRINCETON 08543, NJ, USA, United States of America;Five Prime Therapeutics, Inc., 111 Oyster Point Blvd., SOUTH SAN FRANCISCO 94080, CA, USA, United States of America ~72: BEE, Christine;CHEN, Diana Yuhui;CHEN, Guodong;DENG, Xiaodi;DEYANOVA, Ekaterina G.;HAN, Michelle Minhua;HUANG, Richard Y.;KORMAN, Alan J.;LIANG, Linda;LONBERG, Nils;RANKIN, Andrew;SCHEBYE, Xiao Min;SELBY, Mark J.;TOTH, Joseph;TRUONG, Hong-An~ 33:US ~31:62/695,600 ~32:09/07/2018;33:US ~31:62/744,611 ~32:11/10/2018

2023/06646 ~ Complete ~54:A METHOD FOR CLASSIFYING THE GUT INFLAMMATION STATUS IN AVIAN SPECIES ~71:EVONIK OPERATIONS GMBH, RELLINGHAUSER STRASSE 1-11, 45128 ESSEN, GERMANY,

Germany ~72: BÖHL, Florian;FLÜGEL, Monika;IGWE, Emeka, Ignatius;KAPPEL, Andreas;LYKO, Frank;MARX, Achim;PELZER, Stefan;PFEFFERLE, Walter;RADDATZ, Günter;STEPHANS, Emery;THIEMANN, Frank;WHELAN, Rose~ 33:EP ~31:20211764.4 ~32:04/12/2020

2023/06653 ~ Complete ~54:APPARATUS AND METHOD FOR DRYING AND STYLING HAIR ~71:JEMELLA LIMITED, 82 Dean Street, London, W1D 3SP, United Kingdom ~72: ADAM STONE;ALEX HARRISON;ANDREW FREEMAN;ANDREW NORFOLK;ED SURRIDGE;ROBERT WEATHERLY~ 33:GB ~31:2020306.3 ~32:21/12/2020

2023/06662 ~ Complete ~54:COMPOSITIONS AND METHODS FOR TREATING CYTOKINE RELEASE SYNDROME ~71:Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, TARRYTOWN 10591, NY, USA, United States of America ~72: LIN, Chia-Yang;OLSON, Kara;SINESHCHEKOVA, Olga;SMITH, Eric~ 33:US ~31:63/142,643 ~32:28/01/2021

2023/06665 ~ Complete ~54:STRAINS, COMPOSITIONS AND METHODS OF USE ~71:Lactobio A/S, Lersø Parkallé 42, 2., COPENHAGEN Ø 2100, DENMARK, Denmark ~72: BILLEKOP OLSEN, Katja;ELVEBAKKEN, Helena Falholt;KJÆRULFF, Søren;TESDORPF, Jens Edward;VEDEL, Charlotte~ 33:DK ~31:PA 2021 00014 ~32:05/01/2021;33:DK ~31:PA 2021 00429 ~32:29/04/2021

2023/06638 ~ Complete ~54:SYSTEMATIC DETECTION METHOD FOR DIARRHETIC SHELLFISH POISONING TOXIN AND ESTERIFIED TOXIN THEREOF ~71:YELLOW SEA FISHERIES RESEARCH INSTITUTE, CHINESE ACADEMY OF FISHERY SCIENCE, No. 106 Nanjing Road, Shinan District, 266072, Qingdao City, Shandong Province, 266072, People's Republic of China ~72: GUO, Mengmeng;PENG, Jixing;TAN, Zhijun;WU, Haiyan;ZHAO, Xinnan;ZHAO, Yanfang;ZHENG, Guanchao~

2023/06639 ~ Complete ~54:USE OF PHENOXYPROPYLAMINE COMPOUNDS TO TREAT DEPRESSION ~71:MINERVA NEUROSCIENCES, INC., 1601 Trapelo Road, Suite 284, Waltham, Massachusetts, 02451, United States of America ~72: ARGERIS KARABELAS;LORENZO PELLEGRINI;REMY LUTHRINGER~ 33:US ~31:61/756,208 ~32:24/01/2013;33:US ~31:61/799,482 ~32:15/03/2013;33:US ~31:61/852,149 ~32:15/03/2013

2023/06643 ~ Complete ~54:B7H4-TARGETED ANTIBODY-DRUG CONJUGATES AND METHODS OF USE THEREOF ~71:MERSANA THERAPEUTICS, INC., 840 Memorial Drive, Cambridge, United States of America ~72: CHIN, Chen-Ni;DAMELIN, Marc I.;LOWINGER, Timothy B.;TOADER, Dorin~ 33:US ~31:63/133,707 ~32:04/01/2021;33:US ~31:63/172,968 ~32:09/04/2021

2023/06667 ~ Complete ~54:INTER PREDICTION CODING FOR GEOMETRY POINT CLOUD COMPRESSION ~71:QUALCOMM Incorporated, ATTN: International IP Administration, 5775 Morehouse Drive, SAN DIEGO 92121-1714, CA, USA, United States of America ~72: KARCZEWICZ, Marta;PHAM VAN, Luong;RAMASUBRAMONIAN, Adarsh Krishnan;RAY, Bappaditya;VAN DER AUWERA, Geert~ 33:US ~31:63/131,716 ~32:29/12/2020;33:US ~31:63/134,492 ~32:06/01/2021;33:US ~31:63/170,907 ~32:05/04/2021;33:US ~31:63/177,186 ~32:20/04/2021;33:US ~31:63/179,892 ~32:26/04/2021;33:US ~31:63/218,170 ~32:02/07/2021;33:US ~31:17/646,217 ~32:28/12/2021

2023/06655 ~ Complete ~54:ANTIBODIES TARGETED TO CD147 ~71:IBEX BIOSCIENCES, LLC, 320 Greene Street, Cumberland, Maryland 21502, United States of America ~72: ALBERTO MURAT CROCI;MICHAEL JOSEPH KARLIN;VIDAL FELIX DE LA CRUZ~ 33:US ~31:63/135,827 ~32:11/01/2021

2023/06656 ~ Complete ~54:VACCINE COMPOSITION AGAINST STREPTOCOCCUS PNEUMONIAE INFECTION ~71:THE UNIVERSITY OF LIVERPOOL, Foundation Building, 765 Brownlow Hill, Liverpool, L69

7ZX, United Kingdom ~72: ARAS KADIOGLU;MARIE YANG;STAVROS PANAGIOTOU~ 33:GB ~31:2100097.1 ~32:05/01/2021

2023/06659 ~ Complete ~54:FISCHER-TROPSCH PROCESSES PRODUCING INCREASED AMOUNTS OF ALCOHOLS ~71:BP p.l.c., 1 St. James's Square, LONDON SW1Y 4PD, UNITED KINGDOM, United Kingdom ~72: PATERSON, Alexander James;SUNLEY, John Glenn~ 33:EP ~31:20215767.3 ~32:18/12/2020

2023/06657 ~ Complete ~54:ANTI-KIT ANTIBODIES AND USES THEREOF ~71:CELLDEX THERAPEUTICS, INC., 53 Frontage Road, Suite 220, Hampton, New Jersey, 08827, United States of America ~72: JOEL GOLDSTEIN~ 33:US ~31:63/140,642 ~32:22/01/2021;33:US ~31:63/238,649 ~32:30/08/2021

2023/06666 ~ Complete ~54:GLOBAL MOTION ESTIMATION USING ROAD AND GROUND OBJECT LABELS FOR GEOMETRY-BASED POINT CLOUD COMPRESSION ~71:QUALCOMM Incorporated, ATTN: International IP Administration, 5775 Morehouse Drive, SAN DIEGO 92121-1714, CA, USA, United States of America ~72: KARCZEWICZ, Marta;PHAM VAN, Luong;RAMASUBRAMONIAN, Adarsh Krishnan;RAY, Bappaditya;VAN DER AUWERA, Geert~ 33:US ~31:63/131,637 ~32:29/12/2020;33:US ~31:63/171,945 ~32:07/04/2021;33:US ~31:17/558,362 ~32:21/12/2021

2023/06621 ~ Provisional ~54:RETAILERS CUSTOMER LOYALTY OPTION FOR CUSTOMERS TO INVEST THEIR LOYALTY POINTS INTO SHARES (SHAREIT ™) ~71:Sathesh Prahalad Ramlal, 2339 Karibbiese Avenue, South Africa ~72: Sathesh Prahalad Ramlal~

2023/06623 ~ Provisional ~54:MGABADELI MASTER HERB ~71:Fannie Jeremiah, P O BOX 259, South Africa ~72: Fannie Jeremiah~

2023/06634 ~ Complete ~54:PREPARATION METHOD FOR TRIFLURIDINE ~71:XUZHOU COLLEGE OF INDUSTRIAL TECHNOLOGY, No. 1 Xiangwang Road, Gulou District, Xuzhou City, Jiangsu Province, 221006, People's Republic of China ~72: CHEN, Jing;DONG, Limin;HE, Yan;LIU, Lianxin;LIU, Xuan;LIU, Yu;SHI, Guangxia~

2023/06640 ~ Complete ~54:T CELL RECEPTORS ~71:Immunocore Limited, 101 Park Drive, Milton Park, ABINGDON OX14 4RY, OXFORDSHIRE, UNITED KINGDOM, United Kingdom ~72: ADDIS, Philip William;BEDKE, Nicole Joy;BOUARD, Lucie;HARPER, Stephen;LIDDY, Nathaniel;MAHON, Tara;O'DWYER, Ronan Pádraic~ 33:GB ~31:1709866.6 ~32:20/06/2017

2023/06645 ~ Complete ~54:CATALYTIC CRACKING PROCESS FOR A TRUE CIRCULAR SOLUTION FOR CONVERTING PYROLYSIS OIL PRODUCED FROM RECYCLED WASTE PLASTIC INTO VIRGIN OLEFINS AND PETROCHEMICAL INTERMEDIATES ~71:LUMMUS TECHNOLOGY LLC, 5825 North Sam Houston Parkway West, Suite 600, United States of America ~72: GROTEN, Willibrord A.;MARRI, Rama Rao;PORTELA, Joaquim Antonio De Oliveira~ 33:US ~31:63/131,484 ~32:29/12/2020

2023/06664 ~ Complete ~54:SENECA VALLEY VIRUS COMBINATION THERAPY TO TREAT A CANCER REFRACTORY TO A CHECKPOINT INHIBITOR ~71:Seneca Therapeutics, Inc., 202 St. Andrews Court, BLUE BELL 19422, PA, USA, United States of America ~72: CHADA, Sunil;HALLENBECK, Paul L.~ 33:US ~31:63/135,914 ~32:11/01/2021

2023/06619 ~ Provisional ~54:TRAILING ARM ~71:Heinz Modricky, 34 Stellenberg Road, Jonkershoogte, Cape Town, 7130, South Africa ~72: Heinz Muskett Modricky~

2023/06624 ~ Provisional ~54:ELECTRICAL PLUG ~71:MARCUS, Dean Shane, Aztec House, 65 Serenade Road, Elandsfontein, South Africa ~72: MARCUS, Dean Shane~

2023/06626 ~ Complete ~54:COMPLEX TYPE ADDITIVE ELECTROLYTE FOR AQUEOUS ZINC ION BATTERY AND ITS PREPARATION METHOD ~71:Guangdong Polytechnic of Industry and Commerce, No. 1098, Guangzhou Avenue North, Tianhe District, Guangzhou City, Guangdong Province, 510510, People's Republic of China ~72: Feng WANG;Jiahao LU;Liangyu LI;Meihong HUANG;Meng LYU;Mengyao PAN;Peihong HUANG;Shaowei CHEN;Yuling ZHONG;Zhiyong LIANG~

2023/06635 ~ Complete ~54:AN ENERGY-SAVING LIGHTING DEVICE FOR A CONSTRUCTION SITE ~71:CHINA CONSTRUCTION FIFTH ENGINEERING BUREAU CO., LTD., 4/F, Tower1, Shenzhen Bay 1, No.3008, Zhongxin Road, Nanshan District, Shenzhen, 518053, People's Republic of China ~72: CHEN, Hongjun;HUANG, Qibang;JIN, Hemao;SHI, Tai;WANG, Qianhong;XU, Jiawen;YUE, Yuxi;ZHOU, Yugui~

2023/06647 ~ Complete ~54:UNMANNED AERIAL VEHICLE (UAV), DEVICE, SECOND DEVICE AND METHODS PERFORMED THEREBY FOR HANDLING IDENTIFICATION OF AT LEAST ONE ASPECT OF THE UAV ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE-164 83 STOCKHOLM, SWEDEN, Sweden ~72: BERGSTRÖM, Mattias;MÄÄTTÄNEN, Helka-Liina;ORSINO, Antonino~ 33:US ~31:63/122,019 ~32:07/12/2020

2023/06651 ~ Complete ~54:HELMET LOCKING SYSTEM ~71:EVERITT-PENHALE, Haydn Clive, 184 Oxford Rd, Illovo, 2196, Sandton, South Africa ~72: EVERITT-PENHALE, Haydn Clive~ 33:ZA ~31:2020/06896 ~32:05/11/2020

2023/06620 ~ Provisional ~54:FUEL MY ACCOUNT ~71:DUMISANI PHILDIN DLAMINI, 5 MAPHANYA STREET, South Africa ~72: DUMISANI PHILDIN DLAMINI~ 33:ZA ~31:1 ~32:19/02/2022

. - APPLIED ON 2023/06/29 -

2023/06683 ~ Complete ~54:POLYMER FILMS AND THEIR PRODUCTION AND USE ~71:THE SUPREME INDUSTRIES LIMITED, Solitaire Corporate Park, Building No 11, 6th Floor, Chakala, Andheri East, Mumbai, 400 093, India ~72: OLE-BENDT RASMUSSEN~

2023/06694 ~ Complete ~54:PYRAZOLEAMIDE DERIVATIVES ~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72: BELL, Andrew Simon;BESNARD, Jérémy;BRADLEY, Anthony Richard;GREEN, Luke;HAAP, Wolfgang;KOCER, Buelent;KUGLSTATTER, Andreas;LUCAS, Xavier;MATTEI, Patrizio;MAZUNIN, Dmitry;RIEMER, Claus;VAN HOORN, Willem Paul~ 33:EP ~31:21154295.6 ~32:29/01/2021

2023/06670 ~ Complete ~54:FRESH CORN HARVESTER ~71:Heilongjiang Agricultural Machinery Engineering Science Research Institute, 156 Haping Road, Nangang District, Harbin City, Heilongjiang Province, People's Republic of China;Institute of Plant Protection of Heilongjiang Academy of Agricultural Sciences, 368 Xuefu Road, Nangang District, Harbin City, Heilongjiang Province, People's Republic of China ~72: CHANG Jianguo;LAN Haitao;LI Jiafeng;LI Zhibo;LIN Juntang;LIU Xingbo;NIE Meiling;SU Yadi;SUN Shiming;WANG Haiyang;XING Lulu;YANG Jinzhuan;YE Tong;ZHANG Fanliang;ZHANG Xin;ZHAO Wei~

2023/06674 ~ Complete ~54:AUTHENTICATION AND AUTHORIZATION METHOD FOR IOT DEVICE BASED ON CELLULAR DOUBLE-CHAIN ~71:Southwest Forestry University, 300 Bailongsi, Panlong District, Kunming, Yunnan Province, 650233, People's Republic of China ~72: HUANG, Yuxiang;LIANG, Zhihong;QIN, Mingming~

2023/06680 ~ Complete ~54:METHOD AND APPARATUS FOR MANAGING WIRELESS CONNECTION OF ELECTRONIC DEVICE ~71:SAMSUNG ELECTRONICS CO., LTD., 129, Samsung-ro, Yeongtong-gu, Suwon-si,

Gyeonggi-do, 16677, Republic of Korea ~72: SEUNGTAEK CHUNG~ 33:KR ~31:10-2021-0004229 ~32:12/01/2021

2023/06687 ~ Complete ~54:METHOD AND APPARATUS FOR SORTING FLOWABLE SOLID MATERIAL ~71:SORTERRA PTY LTD, C/-Michael Buck IP, PO Box 78, Red Hill, Brisbane, Australia ~72: BLAGDEN, Troy;STEWART, Adam~ 33:AU ~31:2020904455 ~32:01/12/2020

2023/06703 ~ Complete ~54:A SECURING DEVICE ~71:Hot Spot Holdings Pty Ltd, 8/16 Church Street, PORT MACQUARIE 2444 , NEW SOUTH WALES, AUSTRALIA, Australia ~72: UNDERWOOD, Perry John~ 33:AU ~31:2020904469 ~32:02/12/2020;33:AU ~31:2020904478 ~32:03/12/2020

2023/06688 ~ Complete ~54:SYSTEMS AND METHODS OF OPERATING WATER FILTRATION SYSTEMS ~71:CTX, LLC, 900 Technology Park Drive, Suite 100, United States of America ~72: Stanton Russell SMITH~ 33:US ~31:63/199,557 ~32:08/01/2021

2023/06695 ~ Complete ~54:BUCKET WHEEL CHUTE ASSEMBLY ~71:FLSmidth A/S, Vigerslev Allé 77, VALBY 2500, DENMARK, Denmark ~72: BOZWARD, Alexanda Damion;LEITNER, Georg;MULLER, Christopher Robert;PFANDL, Hubert;PLETZ, Rudolf~ 33:DK ~31:PA 2020 01439 ~32:21/12/2020

2023/06707 ~ Complete ~54:SYSTEM AND METHOD FOR TREATING MATERIAL BY LASER SHOCK UNDER CONFINEMENT IN A LIQUID ~71:Centre National de la Recherche Scientifique, 3, rue Michel Ange, PARIS 75016, FRANCE, France;Thales, Tour Carpe Diem, Place des Corolles, Esplanade Nord, COURBEVOIE 92400, FRANCE, France ~72: BERTHE, Laurent;RONDEPIERRE, Alexandre;ROUCHAUSSE, Yann~ 33:FR ~31:2013433 ~32:17/12/2020

2023/06686 ~ Complete ~54:ANTI-GARP/TGFB ANTIBODIES AND METHODS OF USE ~71:SHANGHAI HENLIUS BIOTECH, INC.;, Room 330, Complex Building, No.222 Kangnan Road China (Shanghai) Pilot Free Trade Zone, Pudong District, People's Republic of China ~72: CHEN, Bin;GAO, Jie;JIANG, Wei-Dong;TSENG, Chi-Ling;WANG, Jiin-Tarng;XU, Yao~ 33:WO ~31:PCT/CN2020/133398 ~32:02/12/2020

2023/06700 ~ Complete ~54:DOSING REGIMENS ASSOCIATED WITH EXTENDED RELEASE PALIPERIDONE INJECTABLE FORMULATIONS ~71:Janssen Pharmaceutica NV, Turnhoutseweg 30, BEERSE 2340, BELGIUM, Belgium ~72: GOPAL, Srihari;T'JOLLYN, Huybrecht;VENKATASUBRAMANIAN, Raja~ 33:US ~31:63/119,405 ~32:30/11/2020

2023/06676 ~ Complete ~54:DEVICE FOR COUNTING NUMBER OF DINERS AND TIME OF DINING IN RESTAURANT ~71:Xinping ZENG, No. 1882 Yanan Xi Road, Changning, Shanghai, People's Republic of China ~72: Xinping ZENG~

2023/06678 ~ Complete ~54:COMPOSITIONS AND METHODS FOR THE TREATMENT OF METABOLIC AND LIVER DISORDERS ~71:VIKING THERAPEUTICS, INC., 9920 Pacific Heights Blvd., Suite 350, United States of America ~72: BARKER, Geoffrey E.;BARNES, Maureen;LIAN, Brian;STEVENS, Erland;YAGIZ, Kader~ 33:US ~31:63/139,676 ~32:20/01/2021

2023/06690 ~ Complete ~54:FLUID COLLECTION ASSEMBLIES INCLUDING AT LEAST ONE NONWOVEN MATERIAL ~71:PUREWICK CORPORATION, 2030 Gillespie Way Suite 109, United States of America ~72: ESPOSITO, Anthony;HERNANDEZ, Samuel;HINE, Robert;OFOSU, Simon;SCHNEIDER, Seth~ 33:US ~31:63/134,754 ~32:07/01/2021;33:WO ~31:PCT/US2022/011281 ~32:05/01/2022

2023/06672 ~ Complete ~54:THREE-DIMENSIONAL SHELF-TYPE CULTIVATION METHOD OF STROPHARIA RUGOSOANNULATA ~71:JIAXING VOCATIONAL & TECHNICAL COLLEGE, 547 Tongxiang Avenue,

Jiaxing City, Zhejiang Province, People's Republic of China ~72: JIN Xinyi;PAN Ding;TAO Hengchao;WANG Jinyi;WANG Xiaoyu;XIE Yingzhen;YU Chenyan;ZHANG Yaowen~

2023/06673 ~ Complete ~54:COMPOSITIONS AND METHODS FOR TREATING HEMOGLOBINOPATHIES ~71:BEAM THERAPEUTICS INC., 26 Landsdowne Street 2nd Floor, Cambridge, Massachusetts, 02139, United States of America ~72: BERND ZETSCHE;DAVID A BORN;IAN SLAYMAKER;MICHAEL PACKER;NICOLE GAUDELLI;SEUNG-JOO LEE;YI YU~ 33:US ~31:62/805,271 ~32:13/02/2019;33:US ~31:62/805,277 ~32:13/02/2019;33:US ~31:62/852,224 ~32:23/05/2019;33:US ~31:62/852,228 ~32:23/05/2019;33:US ~31:62/931,722 ~32:06/11/2019;33:US ~31:62/931,747 ~32:06/11/2019;33:US ~31:62/941,569 ~32:27/11/2019;33:US ~31:62/966,526 ~32:27/01/2020

2023/06677 ~ Complete ~54:REMOTE CHECKING METHOD AND SYSTEM FOR SMART METER ~71:WAN'AN YUGAO ELECTRONIC TECHNOLOGY CO., LTD., Electronic Circuit Board Industrial Park, Wan 'an County Development Zone, Ji 'an City, Jiangxi Province, 343800, People's Republic of China ~72: LI, Feng;LI, Zhenwen~ 33:CN ~31:2022107682824 ~32:01/07/2022

2023/06681 ~ Complete ~54:A COMPOSITION FOR USE IN THE TREATMENT OF INTERVERTEBRAL DISC HERNIATION ~71:STAYBLE THERAPEUTICS AB, Arvid Hedvalls Backe 4, 411 33, Göteborg, Sweden ~72: ANDERS LEHMANN~ 33:SE ~31:2051481-6 ~32:17/12/2020

2023/06685 ~ Complete ~54:DECORTICATOR AND DECORTICATING PROCESS ~71:DEFUGO TECHNOLOGIES PTE LTD, 10 Jalan Besar, Singapore ~72: COLEMAN, David~ 33:AU ~31:2020904477 ~32:03/12/2020;33:AU ~31:2021221469 ~32:24/08/2021

2023/06682 ~ Complete ~54:HETEROTANDEM BICYCLIC PEPTIDE COMPLEXES ~71:BICYCLETX LIMITED, Blocks A&B Portway Building, Granta Park, Great Abington, Cambridge CB21 6GS, United Kingdom ~72: CHRIS LEITHEISER;FAY DUFORT;GEMMA MUDD;KATIE GAYNOR;KEVIN MCDONNELL;LIUHONG CHEN;LIZ REPASH;NICHOLAS KEEN;PHIL BRANDISH;SANDRA UHLENBROICH~ 33:US ~31:63/135,273 ~32:08/01/2021;33:US ~31:63/262,599 ~32:15/10/2021

2023/06699 ~ Complete ~54:TAU BINDING COMPOUNDS ~71:Voyager Therapeutics, Inc., 75 Sidney Street, CAMBRIDGE 02139, MA, USA, United States of America ~72: CAPILI, Allan D.;CARTER, Todd;HOU, Jinzhao;KAVANAGH, Dillon;KURELLA, Vinodhbabu;LIU, Li;LIU, Wencheng~ 33:US ~31:63/126,024 ~32:16/12/2020

2023/06702 ~ Complete ~54:METHODS FOR ENSURING RESUSPENSION OF PALIPERIDONE PALMITATE FORMULATIONS ~71:Janssen Pharmaceutica NV, Turnhoutseweg 30, Beerse, 2340, BELGIUM, Belgium ~72: D'HOORE, Peter;GOPAL, Srihari;MEEUSSEN, Frank;NGUYEN, Jimmy;WALLAERT, Ignace~ 33:US ~31:63/119,305 ~32:30/11/2020;33:US ~31:63/237,883 ~32:27/08/2021

2023/06706 ~ Complete ~54:NOVEL INSECT INHIBITORY PROTEINS ~71:Monsanto Technology LLC, 800 North Lindbergh Boulevard, ST. LOUIS 63167, MO, USA, United States of America ~72: BOWEN, David J.;CICHE, Todd A.;HOWE, Arlene R.;WALDHEUSER, Stephanie C.;WEGENER, Kimberly M.~ 33:US ~31:63/132,877 ~32:31/12/2020

2023/06675 ~ Complete ~54:STORE CUSTOMER NUMBER, AGE AND GENDER STATISTIC DEVICE ~71:Xinping ZENG, No. 1882 Yanan Xi Road, Changning, Shanghai, People's Republic of China ~72: Xinping ZENG~

2023/06679 ~ Complete ~54:FORMULATIONS FOR HEALING OF TRAUMATIC LESIONS OF THE SKIN AND MUCOUS MEMBRANES ~71:FRANCESCO PIANI, Via M. Buonarroti, 15 34125, Trieste, Italy;ROSSANA

CASTELLANA, Piazza Ospitale, 3 34129, Trieste, Italy ~72: FRANCESCO PIANI;ROSSANA CASTELLANA~ 33:US ~31:63/119,722 ~32:01/12/2020

2023/06693 ~ Complete ~54:ARMED SENECA VALLEY VIRUS ONCOLYTIC THERAPY COMPOSITIONS AND METHODS THEREOF ~71:Seneca Therapeutics, Inc., 202 St. Andrews Court, BLUE BELL 19422, PA, USA, United States of America ~72: CHADA, Sunil;HALLENBECK, Paul L.~ 33:US ~31:63/138,999 ~32:19/01/2021

2023/06697 ~ Complete ~54:VARIANT CH1 DOMAINS AND VARIANT CL DOMAINS ENGINEERED FOR PREFERENTIAL CHAIN PAIRING AND MULTI-SPECIFIC ANTIBODIES COMPRISING THE SAME ~71:Adimab, LLC, 7 Lucent Drive, LEBANON 03766, NH, USA, United States of America ~72: BARLOW, Kyle;BATTLES, Michael Benjamin;SIVASUBRAMANIAN, Arvind~ 33:US ~31:63/136,091 ~32:11/01/2021

2023/06669 ~ Provisional ~54:VERTICAL KILN ~71:UNIVERSITY OF JOHANNESBURG, Cnr. Kingsway and University Roads Auckland Park, Johannesburg, 2006, South Africa ~72: ANTOINE MULABA;FREEMAN ELTHER DAVID SENZANI;LAGOUGE KWANDA TARTIBU;ROLLY KARODOLAN NDEKO KABINGA~

2023/06671 ~ Complete ~54:METHOD FOR PROSPECTING AND EXPLORING LARGE AND SUPER-LARGE GOLD-URANIUM-TUNGSTEN-TIN-MOLYBDENUM-BISMUTH -COPPER-LEAD-ZINC-LITHIUM-RUBIDIUM-CESIUM-NIOBIU M-TANTALUM MINERAL DEPOSITS ~71:Geological Survey Institute of Jiangxi Province, Geological Survey Institute, No. 938, Yingbin North Avenue, Qingyunpu District, Nanchang City, Jiangxi Province, 330030, People's Republic of China ~72: CAO, Shenghua;DU, Changfa;GAO, Yuan;GONG, Liangxin;LIU, Gaofeng;LOU, Fasheng;XIONG, Fangliang;XIONG, Qinghua;XU, Zhe;ZHANG, Fushen;ZHONG, Chungen;ZHU, Aiming~

2023/06689 ~ Complete ~54:PROTECTION STRUCTURE AND METAL PROTECTION NET FOR SUCH A PROTECTION STRUCTURE ~71:OFFICINE MACCAFERRI S.P.A., Via Kennedy, 10, Italy ~72: Paolo BIANCHINI~ 33:IT ~31:102021000003179 ~32:12/02/2021

2023/06692 ~ Complete ~54:DOSING REGIMENS ASSOCIATED WITH EXTENDED RELEASE PALIPERIDONE INJECTABLE FORMULATIONS ~71:Janssen Pharmaceutica NV, Turnhoutseweg 30, Beerse, 2340, BELGIUM, Belgium ~72: LOUIE, John;MILZ, Ruth;SANGA, Panna;WIEGAND, Frank~ 33:US ~31:63/119,363 ~32:30/11/2020

2023/06698 ~ Complete ~54:VARIANT CH3 DOMAINS ENGINEERED FOR PREFERENTIAL CH3 HETERODIMERIZATION, MULTI-SPECIFIC ANTIBODIES COMPRISING THE SAME, AND METHODS OF MAKING THEREOF ~71:Adimab, LLC, 7 Lucent Drive, LEBANON 03766, NH, USA, United States of America ~72: BARLOW, Kyle;BATTLES, Michael Benjamin;MCCREARY, Julia;PEJCHAL, Robert;SIVASUBRAMANIAN, Arvind;STEIN, Caitlin~ 33:US ~31:63/136,120 ~32:11/01/2021

2023/06705 ~ Complete ~54:PROTECTIVE STRUCTURE, AND METHOD FOR DISSIPATING TENSILE LOAD INTRODUCED INTO A SUPPORTING CABLE OF A SUPPORTING-CABLE ASSEMBLY OF THE PROTECTIVE STRUCTURE ~71:Trumer Schutzbauten Ges.m.b.H, Maria-Bühel-Straße 7, OBERNDORF A-5110, AUSTRIA, Austria ~72: BICHLER, Ahren;JAKOB, Matthias;STELZER, Gernot;STROUTH, Alex~ 33:DE ~31:10 2020 131 687.9 ~32:30/11/2020

2023/06684 ~ Complete ~54:SCHIFF BASE FUNCTIONALISED METAL NANOPARTICLE CATALYSTS AND THEIR USE IN OLEFIN POLYMERIZATION ~71:STELLENBOSCH UNIVERSITY, Admin B, Victoria Street, 7600 Stellenbosch, South Africa ~72: REHANA MALGAS-ENUS~ 33:ZA ~31:2020/07962 ~32:21/12/2020

2023/06691 ~ Complete ~54:INHIBITOR OF FIBROSIS PROGRESSION ~71:Maruho Co., Ltd., 1-5-22 Nakatsu, Kita-ku, OSAKA-SHI 5310071, JAPAN, Japan;The University of Tokyo, 3-1, Hongo 7-chome, Bunkyo-ku, TOKYO

1138654, JAPAN, Japan ~72: FUJITA, Tomoyuki;KUZUMI, Ai;SATO, Shinichi;WATANABE, Hideki;YOSHIZAKI, Ayumi~ 33:IB ~31:2020/044406 ~32:30/11/2020

2023/06696 ~ Complete ~54:PHOTOVOLTAIC MODULE DEFLECTION LIMITER ~71:Array Technologies, Inc., 3901 Midway Place NE, ALBUQUERQUE 87109, NM, USA, United States of America ~72: DE FRESART, Benjamin C.;SCHUKNECHT, Nathan;SHARP, Jon~ 33:US ~31:63/130,177 ~32:23/12/2020;33:US ~31:17/561,093 ~32:23/12/2021

2023/06701 ~ Complete ~54:DOSING REGIMENS ASSOCIATED WITH EXTENDED RELEASE PALIPERIDONE INJECTABLE FORMULATIONS ~71:Janssen Pharmaceutica NV, Turnhoutseweg 30, Beerse, 2340, BELGIUM, Belgium ~72: GOPAL, Srihari;T'JOLLYN, Huybrecht;VENKATASUBRAMANIAN, Raja~ 33:US ~31:63/119,382 ~32:30/11/2020

2023/06704 ~ Complete ~54:PROTECTIVE STRUCTURE ~71:Trumer Schutzbauten Ges.m.b.H, Maria-Bühel-Straße 7, OBERNDORF 5110, AUSTRIA, Austria ~72: BICHLER, Ahren;JAKOB, Matthias;STELZER, Gernot;STROUTH, Alex~ 33:DE ~31:10 2020 131 710.7 ~32:30/11/2020

. - APPLIED ON 2023/06/30 -

2023/06729 ~ Complete ~54:NOVEL GLP-1 ANALOGUES ~71:SUN PHARMACEUTICAL INDUSTRIES LIMITED, Sun House, Plot No. 201 B/1, Western Express Highway, Goregaon (E), India ~72: BURADE, Vinod Sampatrao;CHATURVEDI, Nishith;JOSHI, Dhiren Rameshchandra;NAGARAJA, Ravishankara Madavati;NATARAJAN, Muthukumaran;PANDYA, Kunal;PATEL, Brijeshkumar;PATEL, Vipulkumar Shankarbhai;SHAHI, Pradeep Dinesh;SONI, Krunal Harishbhai;THENNATI, Rajamannar;TIWARI, Abhishek;ZALAWADIA, Rishit Mansukhlal~ 33:IN ~31:201821013109 ~32:05/04/2018;33:IN ~31:201821040468 ~32:26/10/2018;33:IN ~31:201821040474 ~32:26/10/2018

2023/06732 ~ Complete ~54:COMPOUNDS AND METHODS FOR MODULATING HUNTINGTIN ~71:IONIS PHARMACEUTICALS, INC., 2855 Gazelle Court, Carlsbad, United States of America ~72: FITZSIMMONS, Bethany;FREIER, Susan M;KORDASIEWICZ, Holly~ 33:US ~31:63/143,686 ~32:29/01/2021

2023/06742 ~ Complete ~54:EMULSION COMPOSITION AND USES THEREOF IN THE PREVENTION AND/OR TREATMENT OF SKIN DAMAGE CAUSED BY RADIATION ~71:TARIAN PHARMA, 4 Traverse Dupont, France ~72: ANDRES, Philippe;CZERNIELEWSKI, Janusz;WINCKLE, Gareth~ 33:FR ~31:2101621 ~32:19/02/2021

2023/06746 ~ Complete ~54:PLASMIN-RESISTANT PEPTIDES FOR IMPROVED THERAPEUTIC INDEX ~71:NONO INC., 479A Wellington St., W Toronto, Ontario, M5V 1E7, Canada ~72: DIANA MAYOR;JONATHAN DAVID GARMAN;MICHAEL TYMIANSKI~ 33:US ~31:63/135,498 ~32:08/01/2021;33:US ~31:63/147,711 ~32:09/02/2021;33:US ~31:63/221,874 ~32:14/07/2021

2023/06763 ~ Complete ~54:RECEIPT INFORMATION TRANSMISSION SYSTEM AND METHOD USING MOBILE TERMINAL ~71:Allink Co., Ltd., (Yeouido-dong, O2 Tower), 4F,5F,6F,8F,17F,19F, 83, Uisadang-daero, Yeongdeungpo-gu, SEOUL 07325, REPUBLIC OF KOREA, Republic of Korea ~72: KIM, Kyung Dong~ 33:KR ~31:10-2021-0000566 ~32:04/01/2021

2023/06721 ~ Complete ~54:A METHOD AND SYSTEM FOR CLASSIFICATION OF RBC MORPHOLOGY THROUGH INTELLIGENT IMAGE PROCESSING ~71:Dr. Srinivasan P, National Institute of Technology Silchar, Department of Physics, Silchar, Assam, 788010, India;Dr. Suganya Devi K, National Institute of Technology Silchar, Medical Imaging Laboratory, Department of Computer Science and Engineering, Silchar, Assam, 788010, India;G. Arutperumjothi, Department of Information Technology, University College of Engineering, Tindivanam,

Tamil Nadu, 604001, India;Prasenjit Dhar, National Institute of Technology Silchar, Medical Imaging Laboratory, Department of Computer Science and Engineering, Silchar, Assam, 788010, India;Ramanuj Bhattacharjee, National Institute of Technology Silchar, Medical Imaging Laboratory, Department of Computer Science and Engineering, Silchar, Assam, 788010, India ~72: Dr. Srinivasan P;Dr. Suganya Devi K;G. Arutperumjothi;Prasenjit Dhar;Ramanuj Bhattacharjee~

2023/06711 ~ Provisional ~54:CUSTOMER MANAGEMENT SYSTEM ~71:EATEZY (PTY) LTD, 138 WEST STREET, South Africa ~72: JONISHIA NETTY THOMAS~

2023/06722 ~ Complete ~54:PARAFFIN SECTIONING METHOD FOR HETEROGENEOUS PLANT TISSUE ~71:HUNAN PROVINCIAL COOPERATIVE CENTER OF WATER RESOURCES RESEARCH AND DEVELOPMENT, No. 233, Yuelu Avenue, Yuelu District, Changsha city, Hunan Province, 410031, People's Republic of China;RESEARCH INSTITUTE OF FORESTRY CHINESE ACADEMY OF FORESTRY, No. 1 Dong Xiaofu, Haidian District, Beijing, 100091, People's Republic of China ~72: Dong PEI;Junpei ZHANG;Naifu ZHOU~

2023/06723 ~ Complete ~54:A METHOD FOR THE TREATMENT OF PAIN AND A MEDICINAL PRODUCT FOR ADMINISTRATION DURING PAIN ~71:PVP LABS PTE. LTD., 238A Thomson Road #25-07 Novena Square, 307684, Singapore, People's Republic of China ~72: ABUZAROVA, Guzal Rafailovna;GAMZELEVA, Olesya Yuryevna;KOSORUKOV, Vyacheslav Stanislavovich~ 33:RU ~31:2023101017 ~32:18/01/2023

2023/06724 ~ Complete ~54:DEVELOPMENT PROCESS OF FREEZE-DRIED DICTYOPHORA INDUSIATA BAMBOO BIRD'S NEST. PRODUCTS ~71:Leshan Normal University, No. 778, Binhe Road, Leshan City, Sichuan Province, 614000, People's Republic of China;Sichuan Deshunyuan Food Co., Ltd, Group 3, Guangming Community, Minjian Town, Mabian County, Sichuan Province, 614699, People's Republic of China ~72: Hu Ye;Li Yulian;Nong Xiang;Su Hui~

2023/06712 ~ Complete ~54:METHOD FOR DIMENSIONALITY REDUCTION AND MULTI-RESOLUTION REPRESENTATION OF TIME SERIES DATA BASED ON WEIGHT ~71:Lingnan Normal University, No. 29 Cunjin Road, Chikan District, Zhanjiang City, Guangdong Province, 524048, People's Republic of China ~72: LIU, Yong~

2023/06713 ~ Complete ~54:DEVICE AND METHOD FOR MEASURING VISCOSITY COEFFICIENT OF TEMPERATURE CHANGEABLE LIQUID BY USING AIR CUSHION GUIDE RAIL BALL LIFTING METHOD ~71:ANQING NORMAL UNIVERSITY, No.1318 Jixian North Road, Yixiu District, Anqing City, Anhui Province, People's Republic of China ~72: BAI Jin;HE Yufeng;LIU Jianqiang;SUN Chunyan;SUN Yaoshun;WANG Zehong;YU Hongqing;ZHANG Xinyu~ 33:CN ~31:202310614780.8 ~32:24/05/2023

2023/06754 ~ Complete ~54:HALF-LIFE EXTENDING MOIETIES AND METHODS OF USING THE SAME ~71:Eli Lilly and Company, Lilly Corporate Center, INDIANAPOLIS 46285, IN, USA, United States of America ~72: FERRANTE, Andrea;HEUER, Josef George;LEE, Stacey Lynn;VERDINO, Petra~ 33:US ~31:63/144,696 ~32:02/02/2021

2023/06755 ~ Complete ~54:SELF-POLARIZING IMMUNE CELLS ~71:Carisma Therapeutics Inc., 3675 Market Street, Ste 200, PHILADELPHIA 19104, PA, USA, United States of America ~72: ANDERSON, Nicholas;KLICHINSKY, Michael;SLOAS, David Christopher~ 33:US ~31:63/144,860 ~32:02/02/2021

2023/06737 ~ Complete ~54:AIR SUPPLY MECHANISM FOR BIOMASS HOT-BLAST STOVE ~71:ANHUI GUYUAN THERMAL ENERGY TECHNOLOGY CO., LTD., No. 11 Dongyuan Road, Economic And Technological Development Zone Lu'an, People's Republic of China ~72: Fei MA;Jun HOU;Lei LIANG;Wei ZHAO;Zhijun LIAO~ 33:CN ~31:202222928397.3 ~32:03/11/2022

2023/06744 ~ Complete ~54:IMPROVED PLASTER ~71:APALOO GMBH, Riedweg 10, 78607, Talheim, Germany ~72: ANDREAS JETTER~ 33:DE ~31:10 2020 134 781.2 ~32:22/12/2020

2023/06761 ~ Complete ~54:ADHESIVE AND ARTIFICIAL BOARD PRODUCED USING SAME ~71:Beijing University of Chemical Technology, No. 15 Of North Third-Ring East Road, Chaoyang District, BEIJING 100029, CHINA (P.R.C.), People's Republic of China ~72: CHEN, Chuxuan;CHEN, Dong;MA, Yuhong;XU, Can;YANG, Wantai;ZHAO, Changwen~ 33:CN ~31:202011390263.X ~32:02/12/2020

2023/06766 ~ Complete ~54:METHOD FOR DETERMINING MIXING PARAMETERS FOR THE PREPARATION OF A PHOSPHORIC ACID SOLUTION COMPRISING A CONTROLLED CONTENT OF ONE OR MORE OF ITS CONSTITUENTS ~71:OCP SA, Hay Erraha Rue Al Abtal n° 2-4, Morocco;UNIVERSITE MOHAMED VI POLYTECHNIQUE, Lot 660 Hay Moulay Rachid, Morocco ~72: BOULIF, Rachid;HAFNAOUI, Anass;KHALESS, Khaoula~ 33:FR ~31:2012902 ~32:09/12/2020

2023/06747 ~ Complete ~54:PROGRESSIVE DISTRIBUTOR ~71:SKF LUBRICATION SYSTEMS GERMANY GMBH, Heinrich-Hertz-Straße 2-8, 69190, Walldorf, Germany ~72: ANDREAS SCHÖNFELD (DECEASED);DENNIS ZAHN;JÜRGEN KREUTZKÄMPER~ 33:DE ~31:10 2021 104 272.0 ~32:23/02/2021

2023/06716 ~ Complete ~54:A COMPOSITE ANTIOXIDANT AND ITS PREPARATION METHOD, THERMAL-OXIDATIVE AGING RESISTANT RUBBER MATERIAL ~71:Taiyuan University of Technology, No.79 Yingze West Street, Wanbailin District, Taiyuan City, Shanxi Province, 030024, People's Republic of China ~72: Fuyong LIU;Hongwei HE;Qiang ZHENG;Wenwen YU;Xuefei PING;Yanqin WANG;Zhiyi ZHANG~ 33:CN ~31:2022112642244 ~32:17/10/2022

2023/06736 ~ Complete ~54:BIOMASS FUEL CONVEYING DEVICE FOR BIOMASS HOT-BLAST STOVE ~71:ANHUI GUYUAN THERMAL ENERGY TECHNOLOGY CO., LTD., No. 11 Dongyuan Road, Economic And Technological Development Zone Lu'an, People's Republic of China ~72: Fei MA;Jun HOU;Lei LIANG;Wei ZHAO;Zhijun LIAO~ 33:CN ~31:202222929692.0 ~32:03/11/2022

2023/06748 ~ Complete ~54:GLP-1R RECEPTOR AGONIST COMPOUND AND USE THEREOF ~71:SUZHOU VINCENTAGE PHARMA CO., LTD, Room 313, Building 3, 168 Yuanfeng Road, Yushan Town, Kunshan City Suzhou, Jiangsu 215300, People's Republic of China ~72: BEN LI;SHANGHAI YU~ 33:CN ~31:202011406013.0 ~32:03/12/2020;33:CN ~31:202110334388.9 ~32:29/03/2021

2023/06759 ~ Complete ~54:CASSETTE FOR RETENTION OF FLUID PATH COMPONENTS FOR FLUID INJECTOR SYSTEM ~71:Bayer HealthCare LLC, 100 Bayer Boulevard, WHIPPANY 07981, NJ, USA, United States of America ~72: CAMPBELL, Patrick;CASWELL, John;COWAN, Kevin;DEDIG, James;HAURY, John;LEE, Randy;MACNAMEE, Katherine;NAPLES, Andrew;SPOHN, Michael;TIRONE, James~ 33:US ~31:63/199,010 ~32:01/12/2020

2023/06728 ~ Complete ~54:PCB BOARD WASTEWATER RECOVERY SYSTEM ~71:WAN AN YU WEI ELECTRONICS CO., LTD., Electronic Circuit Board Industrial Park, Wan ‘an County, Ji ‘an City, Jiangxi Province, 343800, People's Republic of China ~72: KANG, Zhixiong;SI, Yongshun~ 33:CN ~31:2023102016376 ~32:06/03/2023

2023/06734 ~ Complete ~54:FACTOR B PROTEASES ~71:VERTEX PHARMACEUTICALS INCORPORATED, 50 Northern Avenue, United States of America ~72: BLOUSE, Grant E.;LE MOAN, Natacha;MYLES, Timothy;POPKOV, Mikhail;SOROS, Vanessa~ 33:US ~31:63/135,496 ~32:08/01/2021;33:US ~31:63/221,108 ~32:13/07/2021

2023/06740 ~ Complete ~54:ORIENTATION SYSTEM FOR DOWNHOLE DEVICE ~71:DEVICO AS, Postboks 318 Heimdal, Norway ~72: BJÖRGEN, Thomas;FLAAM, John;LINDHJEM, Rune;TOKLE, Viktor~ 33:NO ~31:20210042 ~32:12/01/2021

2023/06751 ~ Complete ~54:PLANT-BASED SYNTHESIS PRODUCTS ~71:TIAMAT SCIENCES, Avenue Nouvelle 50 - Boîte 5, Belgium ~72: ADIL, France-Emmanuelle~ 33:US ~31:63/133,591 ~32:04/01/2021

2023/06760 ~ Complete ~54:CROSSLINKED COPOLYMER OF REPEAT UNIT HAVING AMIDE GROUP AND CARBOXYL AND/OR AMMONIUM SALT THEREOF AND REPEAT UNIT OF A-MONOOLEFINS ~71:Tsinghua University, No.1 Qing Hua Yuan, Haidian District, BEIJING 100084, CHINA (P.R.C.), People's Republic of China ~72: HUANG, Yanbin;YANG, Wantai~ 33:CN ~31:202011391525.4 ~32:02/12/2020

2023/06767 ~ Complete ~54:MESSAGE REFERENCING ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE-164 83, Sweden ~72: DAMGHANIAN, Mitra;PETTERSSON, Martin;SJÖBERG, Rickard~ 33:US ~31:63/173,664 ~32:12/04/2021

2023/06709 ~ Provisional ~54:METHOD AND SYSTEM FOR VIRTUAL TRY-ON ~71:NETSALES.BG LTD, Pirotska str. number 98 office 2, Town of Sofia, 1000, Bulgaria ~72: Milen Ivanov Matev~

2023/06745 ~ Complete ~54:ACIDIFIED NPKSCL FERTILIZER GRANULES FOR FERTIGATION ~71:SABIC GLOBAL TECHNOLOGIES B.V., Plasticslaan 1, 4612 PX, Bergen op Zoom, Netherlands ~72: MOHAMED AKASHA KHALEEL;SALEH NAFE ALSHAMMARI~ 33:US ~31:63/132,685 ~32:31/12/2020

2023/06749 ~ Complete ~54:SERVICE MANAGEMENT ~71:K2022830940 (South Africa) (Pty) Ltd, 67 Mabalingwe Nature Reserve, Bela-Bela, South Africa ~72: VISSER, Floris Nefdt;VISSER, Ruann;VISSER, Ruben~ 33:ZA ~31:2021/01575 ~32:09/03/2021

2023/06756 ~ Complete ~54:ANTI-VEGF ANTIBODY CONSTRUCTS AND RELATED METHODS FOR TREATING VESTIBULAR SCHWANNOMA ASSOCIATED SYMPTOMS ~71:Akouos, Inc., 645 Summer Street, Suite 200, BOSTON 02210, MA, USA, United States of America ~72: MCKENNA, Michael;NG, Robert;SIMONS, Emmanuel John~ 33:US ~31:63/120,189 ~32:01/12/2020;33:US ~31:63/152,832 ~32:23/02/2021

2023/06765 ~ Complete ~54:LOGICAL CHANNEL PRIORITIZATION IN UNLICENSED SPECTRUM ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), 164 83, Sweden ~72: DUDDA, Torsten;ZOU, Zhenhua~ 33:US ~31:63/136,676 ~32:13/01/2021

2023/06710 ~ Provisional ~54:WOUND DRESSING ~71:UNIVERSITY OF THE WITWATERSRAND, JOHANNESBURG, 1 Jan Smuts Avenue, BRAAMFONTEIN, Johannesburg 2001, Gauteng, SOUTH AFRICA, South Africa ~72: JENGELE-TETYANA, Zikhona;MENTE, Pumza;MLAMBO, Mbuso;MOFOKENG, Thapelo;MOLOTO, Nosipho;NDALA, Zakhele;NKABINDE, Siyabonga Sipho;SHUMBULA, Ndivhuwo;TETYANA, Phumlani~

2023/06715 ~ Complete ~54:PAN-TILT FOR INTELLIGENT VEHICLE AND PAN-TILT CONTROLLER ~71:GUANGDONG POLYTECHNIC NORMAL UNIVERSITY, No. 293, Zhongshan Avenue West, Tianhe District, Guangzhou, People's Republic of China;GUANGZHOU HONG ZHI MACHINERY CO., LTD, No. 11, 5th Lane, Wangcheng Baocheng Road, Chengjiao Street, Conghua District, Guangzhou, People's Republic of China ~72: LIN, Leshu;LIU, Jian;WU, Min;XU, Wei;YE, Zibo~ 33:CN ~31:202310595794.X ~32:24/05/2023

2023/06726 ~ Complete ~54:CLEANING APPARATUS AND CLEANING METHOD FOR PCB BOARD ~71:WAN AN YU WEI ELECTRONICS CO., LTD., Electronic Circuit Board Industrial Park, Wan ‘an County, Ji ‘an City,

Jiangxi Province, 343800, People's Republic of China ~72: GUO, Chao;ZHAO, Yunhua~ 33:CN ~31:2023102016450 ~32:06/03/2023

2023/06717 ~ Complete ~54:PROCESS FOR THE PREPARATION OF DICIDAL ~71:EVONIK OPERATIONS GMBH, RELLINGHAUSER STRASSE 1-11, 45128 ESSEN, GERMANY, Germany ~72: BELLER, Matthias;FRANKE, Robert;HÄGER, Harald;JACKSTELL, Ralf;REUSCH, Dieter;SCHNEIDER, Carolin~ 33:EP ~31:22183347.8 ~32:06/07/2022

2023/06730 ~ Complete ~54:COMPACT INTERCHANGEABLE MAKEUP DEVICE WITH STACKABLE COMPONENTS ~71:JEEWA, MUHAMMED, 163 WYNBERG STREET, South Africa ~72: JEEWA, MUHAMMED~

2023/06735 ~ Complete ~54:METHODS OF SELECTIVELY TARGETING CD6 HIGH CELLS AND DECREASING ACTIVITY OF T EFF CELLS ~71:EQUILLIUM, INC., 2223 Avenida de la Playa, United States of America ~72: AMPUDIA, Jeanette;CHU, Nhu (Dalena) Ngo;CONNELLY, Stephen;NG, Cherie, T.~ 33:US ~31:63/121,567 ~32:04/12/2020

2023/06739 ~ Complete ~54:SOLID TABLET DOSAGE FORM OF RIDINILAZOLE ~71:SUMMIT (OXFORD) LIMITED, 136A Eastern Avenue,Milton Park, United Kingdom ~72: CARNIAUX, Jean-Francois;TIMMINS, Peter;TRESPIDI, Laura;WILSON, Francis X.~ 33:GB ~31:2100470.0 ~32:14/01/2021

2023/06753 ~ Complete ~54:BIOMARKERS FOR CANCER THERAPY USING MDM2 ANTAGONISTS ~71:Otsuka Pharmaceutical Co., Ltd., 2-9, Kanda Tsukasa-machi, Chiyoda-ku, TOKYO 1018535, JAPAN, Japan ~72: AHN, Jong Sook;BROTHWOOD, Jessica Laura;FERRARI, Nicola;SAINI, Harpreet Kaur~ 33:GB ~31:2103080.4 ~32:04/03/2021

2023/06757 ~ Complete ~54:COMPOSITIONS COMPRISING MESOSULFURON-METHYL AND TEHP ~71:Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 1, LEVERKUSEN 51373, GERMANY, Germany ~72: MARTELLETTI, Arianna;MENNE, Hubert;PEREZ CATALAN, Julio;RATSCHINSKI, Arno~ 33:EP ~31:20211007.8 ~32:01/12/2020

2023/06764 ~ Complete ~54:ANTIBODY TARGETING CD47 AND APPLICATION THEREOF ~71:GUANGDONG FAPON BIOPHARMA INC., Room 301, Building 10, No. 1 Taoyuan Road, People's Republic of China ~72: HUO, Yongting;LU, Di;LU, Lisheng;TU, Jingjing;YAN, Jiaqing;ZHANG, Chan~ 33:CN ~31:202011544262.6 ~32:23/12/2020

2023/06714 ~ Complete ~54:A NICKEL SLAG CEMENT-BASED GROUTING MATERIAL FOR PREFABRICATED BUILDINGS AND ITS PREPARATION METHOD ~71:Xinyu University, No.2666, Yangguang Avenue, Yushui Hi-tech Zone, Yushui District, Xinyu City, Jiangxi Province, 338004, People's Republic of China ~72: Chengyuan WANG;Jie LI;Juan WANG;Ling PI;Yujie LIU~

2023/06725 ~ Complete ~54:PCB ELEMENT WELDING APPARATUS ~71:JIANGXI YINGGAO TECHNOLOGY CO., LTD, Wan 'an County Industrial Park II, Ji 'an, Jiangxi Province, 343800, People's Republic of China ~72: GUO, Chao;ZHAO, Yunhua~ 33:CN ~31:2023100502030 ~32:01/02/2023

2023/06719 ~ Complete ~54:SPECIALIZED SLOT MACHINE FOR CONDUCTING A WAGERING GAME USING A CARD SYSTEM FOR REAL TIME OR LIVE ACTION EVENT CONTENT ~71:GIVANT, Philip Paul, 3809 Garfield Ave., CARMICHAEL 95608, CA, USA, United States of America ~72: GIVANT, Philip Paul~ 33:US ~31:17/956,583 ~32:29/09/2022

2023/06708 ~ Provisional ~54:IRREDEEMABLE PROFIT SHARING DEBENTURES (IPSD) ~71:Edwin Thabo Letopa, Unit 3 Clearwater Office Park , Strubenvalley, Roodepoort , South Africa, South Africa ~72: Edwin Thabo Letopa;Edwin Thabo Letopa (Pty) Ltd~

2023/06718 ~ Complete ~54:PROCESS FOR PREPARING THE DIALDEHYDE OF VINYLCYCLOHEXENE ~71:EVONIK OPERATIONS GMBH, RELLINGHAUSER STRASSE 1-11, 45128 ESSEN, GERMANY, Germany ~72: BELLER, Matthias;FRANKE, Robert;JACKSTELL, Ralf;SCHNEIDER, Carolin~ 33:EP ~31:22183349.4 ~32:06/07/2022

2023/06720 ~ Complete ~54:TRICYCLIC COMPOUNDS AND THEIR USE AS PHOSPHODIESTERASE INHIBITORS ~71:Pfizer Inc., 235 East 42nd Street, NEW YORK 10017, NY, USA, United States of America ~72: CHANDRASEKARAN, Ramalakshmi Yegna;CHAPPIE, Thomas Allen;HELAL, Christopher John;LACHAPELLE, Erik Alphie;PATEL, Nandini Chaturbhai;SCIABOLA, Simone;VERHOEST, Patrick Robert;WAGER, Travis T.~ 33:US ~31:62/180,815 ~32:17/06/2015

2023/06727 ~ Complete ~54:FIXING APPARATUS CONVENIENT FOR PCB BOARD DETECTION ~71:JIANGXI YINGGAO TECHNOLOGY CO., LTD, Wan 'an County Industrial Park II, Ji 'an, Jiangxi Province, 343800, People's Republic of China ~72: XIE, Shunman;XIE, Shuntie~ 33:CN ~31:2023102756775 ~32:21/03/2023

2023/06733 ~ Complete ~54:COMPLEMENT C3 ANTIGEN BINDING PROTEINS ~71:BOEHRINGER INGELHEIM INTERNATIONAL GMBH, Binger Strasse 173, Germany;CDR-LIFE AG, Wagistrasse 27, 8952 Zuerich, Switzerland ~72: BORRAS, Leonardo;ESCHER, Dominik;JUNGMICHEL, Stephanie;LEISNER, Christian;RICHLE, Philipp Robert;SCHEIFELE, Fabian~ 33:EP ~31:PCT/EP2021/053526 ~32:12/02/2021

2023/06738 ~ Complete ~54:SUPPORTING PLATE DEVICE FOR RUBBER TRACK VULCANIZATION PROCESS AND USE METHOD THEREOF ~71:YACHOO TECHNOLOGY CO., LTD, NO. 55, QIHAI ROAD, HAIRUN STREET, People's Republic of China ~72: JIANG, Lingzhi;LIU, Huayang;XU, Xiankun;YIN, Hao~ 33:CN ~31:202111652213.9 ~32:30/12/2021

2023/06743 ~ Complete ~54:METHOD FOR CHANGING RECEPTION PATH AND ELECTRONIC DEVICE THEREFOR ~71:SAMSUNG ELECTRONICS CO., LTD., 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea ~72: HYOSEOK NA;WOOJIN KIM;YOUNGMIN LEE~ 33:KR ~31:10-2021-0042054 ~32:31/03/2021

2023/06752 ~ Complete ~54:ENZYME INHIBITORS ~71:KalVista Pharmaceuticals Limited, Porton Science Park, Bybrook Road, Porton Down, SALISBURY SP4 0BF, WILTSHIRE, UNITED KINGDOM, United Kingdom ~72: BIRCH, Louise Michelle;CHILDS, Mitchell Lewis;CLARK, David Edward;DAVIE, Rebecca Louise;EDWARDS, Hannah Joy;EVANS, David Michael;GREVES, William Jack;HODGSON, Simon Teanby;MAZZACANI, Alessandro;NORTH, Carl Leslie;OBARA, Alicja Stela;PICHOWICZ, Mark;PITTAWAY, Rachael;ROE, Michael Bryan;ROOKER, David Philip;SMITH, Alun John;STOCKS, Michael John;THROUP, Adam Eric;WRIGGLESWORTH, Joseph William;YANG, Xuezheng~ 33:GB ~31:2018970.0 ~32:01/12/2020;33:US ~31:63/120,074 ~32:01/12/2020

2023/06762 ~ Complete ~54:ADHESIVE COMPRISING COPOLYMER HAVING REPEATING UNIT OF AMIDE GROUP AND CARBOXYL GROUP AND/OR AMMONIUM SALT THEREOF, AND WOOD-BASED PANEL USING SAME ~71:Beijing University of Chemical Technology, No. 15 Of North Third-Ring East Road, Chaoyang District, BEIJING 100029, CHINA (P.R.C.), People's Republic of China ~72: CHEN, Chuxuan;CHEN, Dong;MA, Yuhong;XU, Can;YANG, Wantai;ZHAO, Changwen~ 33:CN ~31:202011390257.4 ~32:02/12/2020

2023/06731 ~ Complete ~54:IONIZABLE CATIONIC LIPIDS AND LIPID NANOPARTICLES, AND METHODS OF SYNTHESIS AND USE THEREOF ~71:TIDAL THERAPEUTICS, INC, 700 Main Street Cambridge, United States

of America ~72: ALI, Mir;BOESCH, Austin Wayne;DRUMMOND, Daryl Clark;KUHLMAN, William;NIELSEN, Ulrik~ 33:US ~31:63/121,801 ~32:04/12/2020;33:US ~31:63/166,205 ~32:25/03/2021;33:US ~31:63/169,296 ~32:01/04/2021;33:US ~31:63/169,395 ~32:01/04/2021;33:US ~31:63/172,024 ~32:07/04/2021

2023/06741 ~ Complete ~54:COMBUSTION BURNER WITH FIXED VANES ~71:DE.MISSION INC., 125-8838 Blackfoot Trail SE, Calgary, Canada ~72: GAROSSINO, Richard B.;LAWTON, Kenneth A.~ 33:CA ~31:3102511 ~32:11/12/2020

2023/06750 ~ Complete ~54:HYDROGEL COMPOSITION AND USES THEREOF IN THE PREVENTION AND/OR TREATMENT OF SKIN DAMAGE CAUSED BY RADIATION ~71:TARIAN PHARMA, 4 Traverse Dupont, France ~72: ANDRES, Philippe;CZERNIELEWSKI, Janusz;WINCKLE, Gareth~ 33:FR ~31:2101620 ~32:19/02/2021

2023/06758 ~ Complete ~54:STABLE TARGET-EDITING GUIDE RNA TO WHICH CHEMICALLY MODIFIED NUCLEIC ACID IS INTRODUCED ~71:Daiichi Sankyo Company, Limited, 3-5-1, Nihonbashi Honcho, Chuo-ku, TOKYO 103-8426, JAPAN, Japan;Fukuoka University, 19-1, Nanakuma 8-chome, Jonan-ku, FUKUOKA-SHI 814-0180, FUKUOKA, JAPAN, Japan ~72: FUKUDA, Masatora;IWASHITA, Shinzo;KOIZUMI, Makoto~ 33:JP ~31:2020-203658 ~32:08/12/2020;33:JP ~31:2021-157151 ~32:27/09/2021

. - APPLIED ON 2023/07/03 -

2023/06785 ~ Complete ~54:SOFTWARE-DEFINED DEVICE INTERFACE SYSTEM AND METHOD ~71:10T HOLDINGS (PTY) LTD, Alexandra Road, Bylsbridge Office Park, Building No. 14, South Africa ~72: DU TOIT, Rudi Deodat;JACOBS, Gysbert Johannes~ 33:ZA ~31:2016/06120 ~32:05/09/2016

2023/06784 ~ Complete ~54:TEACHING BOARD SCANNER AND WIPER ~71:M.KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM, KARUR, TAMIL NADU, 639113, India ~72: Anchana Balaji;Barath Srinivasan Kumar;Bharathi Sivasamy;Yuvaraj Mariappan~

2023/06789 ~ Complete ~54:COMPOSITIONS AND METHODS FOR TREATING KERATIN FIBERS ~71:L'OREAL, 14 rue Royale, 75008, Paris, France ~72: KHINE CHO-CHO;RONAK RUGHANI~ 33:US ~31:63/182,263 ~32:30/04/2021;33:FR ~31:FR2107919 ~32:22/07/2021;33:US ~31:17/733,920 ~32:29/04/2022

2023/06770 ~ Provisional ~54:THE DUNES OF SUSTENANCE PREVIOULSY THE WALL OF SUSTENANCE ~71:JJ Govender, 49 Allen Road, South Africa ~72: JJ Govender~

2023/06772 ~ Provisional ~54:CELLULAR DATA-SPLIT ~71:Lionel Skeffers, 24 Karee Street, South Africa ~72: Lionel Skeffers~

2023/06774 ~ Complete ~54:METHOD FOR CONTROLLING TEMPERATURE OF OUTLET OF CONCRETE MIXING PLANT ~71:China Institute of Water Resources and Hydropower Research, No. A1, Fuxing Road, Beijing, 100038, People's Republic of China;Yebatan Branch of Huadian Jinsha River Upstream Hydropower Development Co., Ltd., Gaiyu Town, Baiyu County, Ganzi Prefecture, Sichuan Province, 627150, People's Republic of China ~72: DU, Guangyuan;HAN, Guojun;JI, Xinshuai;JIANG, Yunhui;JIN, Xinxin;LI, Ruyao;LI, Zidong;LIU, Lu;LIU, Xiaojun;QI, Wentan;REN, Xifu;TAN, Ni;WANG, Haizhou;XIA, Yong;XIN, Jianda;ZHANG, Guoxin;ZHANG, Lei;ZHAO, Heng;ZHENG, Lei;ZHONG, Fulin;ZHU, Zhenyang~

2023/06776 ~ Complete ~54:BLASTHOLE CHARGE STEMMING METHOD AND STEMMING STRUCTURE FOR ROCK FRACTURING WITH DRY ICE ~71:CHINA RAILWAY (GUANGZHOU) INVESTMENT & DEVELOPMENT CO., LTD, Room 501-510, 601-610, No. 832, Yuejiang Middle Road, Haizhu District,

Guangzhou, Guangdong, 510000, People's Republic of China;GUANGZHOU METRO GROUP CO.,LTD., Tower A, Wansheng Plaza, No. 1238, Xingang East Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China;Southwest Jiaotong University, North 1st Section of Second Ring Road, Chengdu, Sichuan Province, 610000, People's Republic of China ~72: Hanlong Liu;Huaguo Song;Jian Luo;Jianguo Gao;Kangming Huang;Lijun Wang;Qinghua Xiao;Xiaobo Wei;Xujie Li;Zhigang Zhou;Zhongfeng Li~

2023/06783 ~ Complete ~54:A SYSTEM FOR CONTROLLING THE IRRIGATION OF WATER IN AGRICULTURE FIELD ~71:M.KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM, KARUR, TAMIL NADU, 639113, India ~72: Ezhilvannan Manivannan;Janagan Palanivel;Namashivayam Neelavan;Raja Guru Ramaraj~

2023/06791 ~ Complete ~54:METHODS OF INDUCING IMMUNE TOLERANCE WITH MODIFIED ANTI-CD154 ANTIBODIES ~71:TONIX PHARMA LIMITED, No. 56 Fitzwilliam Square North, Dublin 2, D02 X224, Ireland ~72: SETH LEDERMAN~ 33:US ~31:63/134,413 ~32:06/01/2021

2023/06780 ~ Complete ~54:A PORTABLE TEST KIT FOR VIRUS DETECTION USING MICRO STRIP CAVITY RESONATOR BIOSENSOR ~71:M.KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM, KARUR, TAMIL NADU, INDIA- 639113, India ~72: GOKUL, Sellappagounder chellamuthu;JEYAKUMAR, Pitchaikani;SACHIN ARAVINTH, Kanakaraj;SANJAI ,Balakrishnan;SHANJAY, Ravi Kalaivani;VISHWA, Shunmuga Sundaram~

2023/06792 ~ Complete ~54:THERAPEUTIC MATERIAL WITH LOW PH AND LOW TOXICITY ACTIVE AGAINST AT LEAST ONE PATHOGEN FOR ADDRESSING PATIENTS WITH RESPIRATORY ILLNESSES ~71:Tygrus, LLC, 1134 East Big Beaver Road, TROY 48083, MI, USA, United States of America ~72: BUNDSCHUH, Paul;CARLSON, Lawrence;DOLAN, Shawn;YAKSIC, Andrew~ 33:US ~31:63/121,856 ~32:04/12/2020;33:US ~31:63/144,305 ~32:01/02/2021;33:US ~31:63/158,864 ~32:09/03/2021;33:IB ~31:2021/030429 ~32:03/05/2021;33:US ~31:63/220,441 ~32:09/07/2021

2023/06796 ~ Complete ~54:A ROCK BOLT ASSEMBLY HAVING AN INDICATOR ~71:Rocbolt Technologies (PTY) LTD., 30 North Reef Road, Elandsfontein, GERMISTON 1429, SOUTH AFRICA, South Africa ~72: BELLINGHAM, Werner Cornelius~ 33:ZA ~31:2021/01128 ~32:19/02/2021

2023/06768 ~ Provisional ~54:A PIPE FITTING ~71:PAPAZOGLOU, Guy, 248 VON WILLICH AVE, DIE HOEWES, CENTURION, 0157, SOUTH AFRICA, South Africa ~72: PAPAZOGLOU, Guy~

2023/06781 ~ Complete ~54:A SYSTEM FOR CONTROLLING THE ELECTRICAL APPARATUS AND METHOD THEREOF ~71:M.KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM, KARUR, TAMIL NADU, 639113, India ~72: ABISHEK RAJASEKARAN;AJITH ANNADURAI;ASWIN KUMAR RAJAPPA;BHARATHIDHASAN MURUGESAN;MAKANYADEVI KANDASAMY~

2023/06769 ~ Provisional ~54:IRON CHROMIUM ELECTROLYTES ~71:ARXO METALS (PTY) LTD., 2nd Floor, The Crossing, 372 Main Road, Bryanston,, SANDTON 2191, SOUTH AFRICA, South Africa ~72: BRUINSMA, Odolphus Simon Leo;CHENNELLS, Peter Maurice;Johannes Ferdinand Bijzet;ROOPA, Shriya~

2023/06773 ~ Complete ~54:BIODEGRADABLE REINFORCED HEAT-RESISTANT POLYLACTIC ACID RESIN AND PREPARATION METHOD THEREOF ~71:Zhejiang Industry And Trade Vocational College, No.717, Fudong Road, Lucheng District, Wenzhou City, Zhejiang Province, 325000, People's Republic of China ~72: FENG, Shunping;GAO, Yao;GE, Xinyong;LI, Lingmeng;MIAO, Xingxu~

2023/06778 ~ Complete ~54:THREE-PHASE CURRENT WIRELESS DETECTION DEVICE ~71:Beihua University, No. 3999, Binjiang East Road, Fengman District, Jilin City, Jilin Province, 132013, People's Republic of China ~72: CUI, Yang;GUO, Li;SONG, Zaiyong;SUN, Jiyuan;YUAN, Guangjun;ZHOU, Zhenxiong~

2023/06782 ~ Complete ~54:A SYSTEM FOR IMPROVING THE SAFETY FEATURES IN WINDOWS ~71:M.KUMARASAMY COLLEGE OF ENGINEERING, THALAVAPALAYAM, KARUR, TAMIL NADU, 639113, India ~72: Jagannath Singaravel;Karthikeyan Palanisamy;Nithish Ramesh;Raja Guru Ramaraj~

2023/06786 ~ Complete ~54:DIPPER LATTICE FRAME AND WEARABLE STRUCTURAL LINER ~71:CATERPILLAR GLOBAL MINING LLC, 875 W. Cushing Street, United States of America ~72: JAMILOSA, James G.~ 33:US ~31:17/139,505 ~32:31/12/2020

2023/06795 ~ Complete ~54:METHODS AND SYSTEMS FOR STREAMING BLOCK TEMPLATES WITH CROSS-REFERENCES ~71:nChain Licensing AG, Grafenauweg 6, ZUG 6300, SWITZERLAND, Switzerland ~72: COUGHLAN, Steven Patrick;RAND, Ricky Charles~ 33:GB ~31:2019125.0 ~32:04/12/2020

2023/06779 ~ Complete ~54:A METHOD FOR NONDESTRUCTIVE AND RAPID DETECTION OF SOLUBLE PROTEINS IN PLANT LEAVES ~71:EXPERIMENTAL CENTER OF TROPICAL FORESTRY CHINESE ACADEMY OF FORESTRY, 201 Keyuan Road, Pingxiang City, Guangxi Zhuang Autonomous Region, 532600, People's Republic of China ~72: Angang Ming;Baoguo Yang;Hao Fu;Hongguo Li;Hongyan Jia;Jian Hao;Kun Yang;Ning An;Runmei Duan;Yanan Wang;Yuanyuan Zhong;Yunxing Li;Zhongguo Li~

2023/06788 ~ Complete ~54:3-CYCLIC AMINE-INDOLE DERIVATIVES AS SEROTONERGIC AGENTS FOR THE TREATMENT OF CNS DISORDERS ~71:MINDSET PHARMA INC., 217 Queen Street West, Suite 401 Toronto, Ontario, M5V 0R2, Canada ~72: ABDELMALIK SLASSI;GUY HIGGINS;JOSEPH ARAUJO~ 33:US ~31:63/122,181 ~32:07/12/2020

2023/06793 ~ Complete ~54:METHODS AND SYSTEMS FOR SYNCHRONIZING A STREAMED TEMPLATE TO A SOLVED BLOCK ~71:nChain Licensing AG, Grafenauweg 6, ZUG 6300, SWITZERLAND, Switzerland ~72: COUGHLAN, Steven Patrick;RAND, Ricky Charles~ 33:GB ~31:2019126.8 ~32:04/12/2020

2023/06797 ~ Complete ~54:A ROCK BOLT ASSEMBLY HAVING AN INDICATOR ~71:Rocbolt Technologies (PTY) LTD., 30 North Reef Road, Elandsfontein, GERMISTON 1429, SOUTH AFRICA, South Africa ~72: BELLINGHAM, Werner Cornelius~ 33:ZA ~31:2021/01128 ~32:19/02/2021

2023/06771 ~ Provisional ~54:SEPARATOR AND AGRICULTURAL SPREADER ~71:ROVIC AND LEERS (PTY) LTD, Saxenburg Road, South Africa ~72: VAN ZYL, Casper Jacobus Johannes~

2023/06775 ~ Complete ~54:METHOD OF PREPARING COAL WATER SLURRY BY UPGRADING, MODIFYING, AND MIXING COAL GASIFICATION FINE SLAG ~71:SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, No.579, QianWangang Road, Huangdao District, Qingdao, Shandong, 266590, People's Republic of China ~72: HE, Meng;LI, Lin;LI, Zhisen;MA, Chuandong;WANG, Junxiang;YOU, Xiaofang;ZHANG, Wenqi~ 33:CN ~31:202310240562.2 ~32:13/03/2023

2023/06777 ~ Complete ~54:DEVICE FOR FACILITATING REPLACEMENT AND PROTECTION OF UNDERGROUND EXCAVATED MONITORING MEASUREMENT POINTS ~71:CHINA RAILWAY (GUANGZHOU) INVESTMENT & DEVELOPMENT CO., LTD, Room 501-510, 601-610, No. 832, Yuejiang Middle Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China;GUANGZHOU METRO GROUP CO.,LTD., Tower A, Wansheng Plaza, No. 1238, Xingang East Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China ~72: Bing Yu;Guixi Guo;Hanlong Liu;Huaguo Song;Jian Luo;Jianguo Gao;Kangming Huang;Liang Li;Lijun Wang;Xiaobo Wei;Xujie Li;Zhigang Zhou~

2023/06787 ~ Complete ~54:HETEROARYL-ACETYLENES, PHARMACEUTICAL COMPOSITIONS THEREOF, AND THEIR THERAPEUTIC APPLICATIONS ~71:EUBULUS BIOTHERAPEUTICS INC., Building B, No. 51, Wufeng Road, Xiuzhou District Jiaxing, Zhejiang 314032, People's Republic of China ~72: CHAORAN HUANG;SHELDON CAO;XIAOLEI WANG~ 33:US ~31:63/121,300 ~32:04/12/2020

2023/06790 ~ Complete ~54:ANTI-CD38 ANTIBODIES AND THEIR USES ~71:MORPHOSYS AG, Semmelweisstrasse 7, 82152, Planegg, Germany ~72: RAINER BOXHAMMER;STEFAN HÄRTLE;STEFAN STEIDL~ 33:EP ~31:21151575.4 ~32:14/01/2021

2023/06794 ~ Complete ~54:METHODS AND SYSTEMS FOR COMPRESSING TRANSACTION IDENTIFIERS ~71:nChain Licensing AG, Grafenauweg 6, ZUG 6300, SWITZERLAND, Switzerland ~72: COUGHLAN, Steven Patrick;RAND, Ricky Charles~ 33:GB ~31:2019124.3 ~32:04/12/2020

. - APPLIED ON 2023/07/04 -

2023/06801 ~ Complete ~54:IMMUNOTHERAPY METHODS FOR PATIENTS WHOSE TUMORS CARRY A HIGH PASSENGER GENE MUTATION BURDEN ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: LIM, Wei Keat~ 33:US ~31:62/560,955 ~32:20/09/2017

2023/06803 ~ Complete ~54:TETRABROMOPHENOL BLUE ALKALI METAL SALT, PREPARATION METHOD THEREFOR AND USE THEREOF ~71:JILIN MEDICAL UNIVERSITY, 5 Jilin Dajie, Fengman District, Jilin City, Jilin Province, 132013, People's Republic of China ~72: CAI, Jianhui;CAO, Hongmei;CUI, Baiji;LI, Guangqing;LIU, Jiaxue;XIU, Zhiming;YANG, Weilong;YIN, Moli;ZHAO, Shan~ 33:CN ~31:2023103625545 ~32:06/04/2023

2023/06807 ~ Complete ~54:ECOLOGICAL RESTORATION EQUIPMENT FOR SMALL AND MICRO WETLANDS ~71:Nanchang Institute of Technology, No. 289, Tianxiang Avenue, High tech Development Zone, Nanchang City, Jiangxi Province, 330099, People's Republic of China ~72: Yu benfeng~

2023/06810 ~ Complete ~54:A SYSTEM TO ANALYSE EFFECT OF NOISE ON PRACTICAL QUANTUM COMMUNICATION SYSTEMS ~71:Dr. Vishal Sharma, S/O Shri Kailash Chandra Sharma, Shivam Nagar 1, Plot 56, Ramnagariya, Jagatpura, Jaipur, Rajasthan, 302017, India ~72: Dr. Vishal Sharma~

2023/06813 ~ Complete ~54:SYSTEM FOR CONTROLLING AND MONITORING ICE MAKING MACHINES ~71:SCOTSMAN ICE S.R.L., Via Lainate 31, 20010 Pogliano Milanese, Italy ~72: VANIA, Tommaso~ 33:IT ~31:102021000000962 ~32:20/01/2021

2023/06815 ~ Complete ~54:COMPOSITIONS AND METHODS FOR EPIGENETIC EDITING ~71:Chroma Medicine, Inc., 201 Brookline Avenue, Suite 1101, BOSTON 02215, MA, USA, United States of America ~72: FRIEDLAND, Ari;LINDER, Samantha;MAEDER, Morgan;MYER, Vic~ 33:US ~31:63/129,283 ~32:22/12/2020;33:US ~31:63/280,452 ~32:17/11/2021

2023/06816 ~ Complete ~54:METHOD OF INDUSTRIAL PROCESSING OF A BULK MATERIAL ~71:ABB Schweiz AG, Bruggerstrasse 66, BADEN 5400, SWITZERLAND, Switzerland ~72: BHALODI, Kalpesh;JANKA, Dennis;JUHLIN, Prerna;POTSCHKA, Andreas;SCHLAKE, Jan-Christoph~

2023/06800 ~ Provisional ~54:BLASTING ACCESSORIES ~71:FOURIE, Johan Jacques, 54 Gawie Theron Street, South Africa ~72: FOURIE, Johan Jacques~

2023/06802 ~ Complete ~54:A GREEN ENERGY-SAVING ROOF STRUCTURE ~71:CHINA CONSTRUCTION FIFTH DIVISION SOUTHERN CONSTRUCTION SUBSIDIARY CORP., LTD, T1-8A, No. 1 Shenzhen Bay, No. 3088, Community Center Road, Blue Coast, Yuehai Street, Nanshan District, Shenzhen, Guangdong Province,

518000, People's Republic of China ~72: FAN, Lixiong;FU, Muhua;HAO, Qiya;LUO, Zhiqiang;QIAO, Xiaoling;WANG, Qianhong;WANG, Wei;WANG, Zhan;XIE, Zhou;ZENG, Cheng;ZENG, Guangjian;ZHANG, Xin~

2023/06806 ~ Complete ~54:REPAIR MATERIAL WITH SAME COLOR FOR CRACKS OF NEWLY BUILT CEMENT PAVEMENTS ~71:Zhengzhou Dunmei Biotechnology Co., Ltd, No. 36, Unit 4, Building 15, No. 178 Funiu Road, Zhongyuan District, Zhengzhou City, Henan Province, People's Republic of China ~72: Fan Chunyan;He Gang~ 33:CN ~31:202310658095.5 ~32:05/06/2023

2023/06812 ~ Complete ~54:DE-EXCITING SYSTEM FOR INDUCTIVE CIRCUITS ~71:ABB SCHWEIZ AG, Bruggerstrasse 66, 5400 Baden, Switzerland ~72: DEYAN ZHELEV;GEORG MEIER;MATTHIAS BAECHLE~ 33:EP ~31:21153278.3 ~32:25/01/2021

2023/06819 ~ Complete ~54:COMPOUNDS COMPRISING A FIBROBLAST ACTIVATION PROTEIN LIGAND AND USE THEREOF ~71:3B Pharmaceuticals GmbH, Magnusstrasse 11, BERLIN 12489 , GERMANY, Germany ~72: BREDENBECK, Anne;HÖHNE, Aileen;HAASE, Christian;OSTERKAMP, Frank;PASCHKE, Matthias;REINEKE, Ulrich;SCHNEIDER, Eberhard;SMERLING, Christiane;UNGEWISS, Jan;VON HACHT, Jan Lennart;WAHSNER-TESCHNER, Jessica;ZBORALSKI, Dirk~ 33:US ~31:63/134,704 ~32:07/01/2021

2023/06822 ~ Complete ~54:SALT CORE CLAMPING AND PLACING DEVICE WITH DUST BLOWING-OFF STRUCTURE ~71:JINHUA BAOLIN TECHNOLOGY CORPORATION LIMITED, Building 1, Yicun, Bailongqiao Town, Wucheng District, Jinhua, People's Republic of China ~72: Miaoyong CHEN;Yongjun LV~ 33:CN ~31:202011616135.2 ~32:31/12/2020

2023/06798 ~ Provisional ~54:CABLE JOINT ~71:TERRAPID TECHNOLOGIES (PTY) LTD, 13 Riverside Estate, 497-JQ, Jukskeidrif Road, South Africa ~72: ATKINS, David Seagrave~

2023/06858 ~ Provisional ~54:WASTE TREATMENT APPARATUS AND METHOD ~71:AYA INDUSTRIES (PTY) LTD, No.43 Muirfield 25 Elberta Road. Jackal Creek Est, Northriding, South Africa ~72: GYAMPO, Evelyn~

2023/06804 ~ Complete ~54:A RESISTIVE FLEXIBLE FABRIC POSITION SENSOR ~71:Wuyi University, No.22 Dongcheng Village, Pengjiang District, Jiangmen, Guangdong Province, People's Republic of China ~72: WANG Fei;YU Hui~ 33:CN ~31:2022113224861 ~32:27/10/2022

2023/06809 ~ Complete ~54:POSITIONING DETECTING DEVICE FOR GEAR REFERENCE DIAMETER ~71:Zhengzhou Research Institute of Mechanical Engineering Co., Ltd., No. 149, Science Avenue, High-tech Industrial Development Zone, Zhengzhou, Henan Province, 450000, People's Republic of China ~72: Dou Xiaopeng;Guan Rongxin;Li Yuying;Lv Pangong;Ma Chengtian;Wang Dongfei~ 33:CN ~31:202321419284.9 ~32:06/06/2023

2023/06814 ~ Complete ~54:EXTRUSION BLOW-MOLDED CONTAINER ~71:ALPLA WERKE ALWIN LEHNER GMBH & CO. KG, Hardstrasse 81, Austria ~72: Florian HEIDER;Klemens BÖSCH;Oliver UNTERLECHNER;Thomas BOHLE~ 33:CH ~31:00072/21 ~32:26/01/2021

2023/06817 ~ Complete ~54:STRAINS, COMPOSITIONS AND METHODS OF USE ~71:Lactobio A/S, Lersø Parkallé 42, 2., COPENHAGEN Ø 2100, DENMARK, Denmark ~72: BILLEKOP OLSEN, Katja;KJÆRULFF, Søren;TESDORPF, Jens Edward;VEDEL, Charlotte~ 33:DK ~31:PA 2021 00013 ~32:05/01/2021;33:DK ~31:PA 2021 00433 ~32:29/04/2021

2023/06821 ~ Complete ~54:DUSTPROOF AND PROTECTIVE STRUCTURE FOR AIR COMPRESSOR ~71:JINGYAN MECHANICAL & ELECTRICAL TOOLS CO., LTD, Jinsan Village, Xiaoshun Town, Jindong

District, People's Republic of China ~72: Huabin CHEN;Lingfeng ZHU~ 33:CN ~31:202011469469.1 ~32:14/12/2020

2023/06799 ~ Provisional ~54:CABLE JOINT ~71:TERRAPID TECHNOLOGIES (PTY) LTD, 13 Riverside Estate, 497-JQ, Jukskeidrif Road, South Africa ~72: ATKINS, David Seagrave~

2023/06805 ~ Complete ~54:BRICK COMPOSITION AND METHOD OF MAKING A BRICK COMPRISING THE BRICK COMPOSITION ~71:KULUHLAZA (PTY) LTD, GCILIMA LOCATION WARD 7, South Africa ~72: SHUDE, SEKELO EMMANUEL~ 33:ZA ~31:2022/08119 ~32:21/07/2022

2023/06808 ~ Complete ~54:TRADITIONAL CHINESE MEDICINE GUA SHA TREATMENT DEVICE ~71:Xinyu University, 2666 Sunshine Avenue, High tech Zone, Xinyu City, Jiangxi Province,338004, People's Republic of China ~72: Huang Yan;Li Juxiang;Li Qiuxiang;Liu Chengyu;Qin Yunmei;Zhang Yujuan~ 33:CN ~31:202310741780.4 ~32:21/06/2023

2023/06811 ~ Complete ~54:FERRONICKEL ALLOY DIRECT REFINING PROCESSES AND PROCESSES FOR PRODUCING NICKEL SULFATE OR OTHER NICKEL PRODUCTS ~71:HATCH LTD., 2800 Speakman Drive, Mississauga, Ontario, L5K 2R7, Canada ~72: AMIR MOHAMMAD NAZARI;FANGYU LIU;JACQUELINE FOSSENIER;LOUIZA KAHINA HARKOUK;MARYAM NEISIANI;ROBERT JOHN FRASER~ 33:US ~31:63/133,692 ~32:04/01/2021

2023/06818 ~ Complete ~54:FLUSHING ELEMENT, ROCK DRILLING MACHINE AND METHOD ~71:Sandvik Mining and Construction Oy, Pihtisulunkatu 9, TAMPERE 33330, FINLAND, Finland ~72: KELA, Timo;LÄÄKKÖLÄ, Esa;PEURALA, Jussi~ 33:EP ~31:21158220.0 ~32:19/02/2021

2023/06820 ~ Complete ~54:METHOD FOR SECURING A GASKET ON A BIPOLAR PLATE ~71:GREENERITY GMBH, Industriegebiet Süd E11, Germany;POWERCELL SWEDEN AB, Ruskvädersgatan 12, Sweden;ROBERT BOSCH GMBH, Wernerstrasse 1, Germany ~72: ANDERSCH, Stefan;ANDERSSON, Jenny;DZIALLAS, Holger;GERLACH, Martin;HALUSCHKA, Christoph;HOLMBERG, Mattias;KNORR, Florian Alexander;MAIER, Eberhard;MULLER, Aude;MUNTHE, Stefan;RINGEL, Anton;RINGK, Andreas;SUCHSLAND, Jens-Peter;YILDIRIM, Ali Riza~ 33:DE ~31:10 2020 133 959.3 ~32:17/12/2020

2023/06823 ~ Provisional ~54:RHINO STRAP - LOAD INDICATOR ~71:DDT MECHANISED MINING SERVICES (PTY) LTD, UNIT 3A, HARBOUR PARK, 1059 SCHOONER RD, LASER PARK, South Africa ~72: DENNIS VAN NIEKERK~

2023/06824 ~ Provisional ~54:LIGHT WEIGHT TEXTILE CONCRETE PANEL ~71:POLYCRETE ECO-PANELS PTY LTD, NO.7, 106 JOHAN AVENUE, DENNEHOF, South Africa ~72: SUPRA CARL FREDERICK WILHELM~

. - APPLIED ON 2023/07/05 -

2023/06825 ~ Provisional ~54:HARVESTING PODS AND SEEDS FROM LEGUME PLANTS ~71:JACOBUS HENDRIKUS JANSE VAN RENSBURG, 870 GLOSSA ROAD, MORELETA PARK X9, South Africa ~72: JACOBUS HENDRIKUS JANSE VAN RENSBURG~ 33:ZA ~31:1 ~32:04/07/2023

2023/06826 ~ Provisional ~54:QUADPOD TACTICAL PERSONAL SAFETY DEVICE ~71:Russell Jones, 14 Leeubekkie Street, Jukskei Park, South Africa ~72: Russell Jones~

2023/06828 ~ Provisional ~54:CONVEYOR SEAL APPARATUS ~71:UNIQUE VENTILATION AND SUPPORT SYSTEMS (PROPRIETARY) LIMITED, 1 Resnick Street, Factoria, 1739, South Africa ~72: JAKES VAN DER MERWE~

2023/06832 ~ Complete ~54:METHOD FOR SCREENING PHYTOCOMPOUNDS FOR TRIPLE INHIBITORY POTENTIAL AGAINST COX-1, COX-2, AND 5-LOX ~71:Dr. Atul R. Bendale, Shree Mahavir Institute of Pharmacy, Nashik, Maharashtra, 422202, India;Dr. Johra Khan, Chirawak PO, Golawati, Bulandshahr, Uttar Pradesh, 245408, India;Dr. Mithun Rudrapal, Department of Pharmaceutical Sciences, School of Biotechnology and Pharmaceutical Sciences, Vignan's Foundation for Science, Technology & Research, Guntur, Andhra Pradesh, 522213, India ~72: Dr. Atul R. Bendale;Dr. Johra Khan;Dr. Mithun Rudrapal~ 33:IN ~31:202341033157 ~32:11/05/2023

2023/06846 ~ Complete ~54:A METHOD OF MANUFACTURING OF A STEEL PRODUCT IN SEVERAL STEELMAKING UNITS ~71:ARCELORMITTAL, 24-26, Boulevard d'Avranches, Luxembourg ~72: Hugo DA GAMA CAMPOS;Jean-Martin VAN DER HOEVEN~ 33:IB ~31:PCT/IB2021/051613 ~32:26/02/2021

2023/06847 ~ Complete ~54:4-(2-FLUORO-4-METHOXY-5-3-(((1-METHYLCYCLOBUTYL)METHYL)CARBAMOYL)BICYCLO[2.2.1]HEPTAN-2-YL)CARBAMOYL)PHENOXY)-1-METHYLCYCLOHEXANE-1-CARBOXYLIC ACID DERIVATIVES AND SIMILAR COMPOUNDS AS RXFP1 MODULATORS FOR THE TREATMENT OF HEART FAILURE ~71:AstraZeneca AB, SÖDERTÄLJE SE-151 85, SWEDEN, Sweden;Mitsubishi Tanabe Pharma Corporation, 3-2-10, Dosho-machi, Chuo-ku, OSAKA-SHI 5418505, OSAKA, JAPAN, Japan ~72: BERGONZINI, Giulia;BERGSTRÖM, Hans Fredrik;BOSTRÖM, Stig Jonas;FUCHIGAMI, Ryuichi;FUJIO, Masakazu;GRADÉN, Henrik;GRANBERG, Kenneth Lars;NIWA, Yasuki;SAKAMAKI, Shigeki;ULANDER , Lars Johan Andreas~ 33:US ~31:63/122,690 ~32:08/12/2020

2023/06849 ~ Complete ~54:PRODUCTION OF FUNGAL BIOMASS ~71:Mushlabs GmbH, Humboldtstraβe 59, HAMBURG 22083, GERMANY, Germany ~72: ALBANESE, Guido;DELGADO MONTAFUR, Daniel Alejandro;GODARD, Thibault;RIZK, Mazen~ 33:EP ~31:20217228.4 ~32:24/12/2020

2023/06851 ~ Complete ~54:ELLIPTICAL DESIGN FOR SHANK ADAPTERS ~71:Sandvik Mining and Construction Tools AB, SANDVIKEN 81181, SWEDEN, Sweden ~72: JANSSON, Tomas;NORDBERG, Anders~ 33:EP ~31:21157658.2 ~32:17/02/2021

2023/06853 ~ Complete ~54:PROCESS FOR SEPARATING HEAVY BY-PRODUCTS AND CATALYST LIGAN FROM A VAPOUR STREAM COMPRISING ALDEHYDE ~71:Johnson Matthey Davy Technologies Limited, 5th Floor, 25 Farringdon Street, LONDON EC4A 4AB, UNITED KINGDOM, United Kingdom ~72: SMIDT, Martin~ 33:GB ~31:2102673.7 ~32:25/02/2021

2023/06850 ~ Complete ~54:SHANK ADAPTER, ROCK DRILLING MACHINE AND METHOD ~71:Sandvik Mining and Construction Oy, Pihtisulunkatu 9, TAMPERE 33330, FINLAND, Finland ~72: KELA, Timo;LÄÄKKÖLÄ, Esa;PEURALA, Jussi~ 33:EP ~31:21158232.5 ~32:19/02/2021

2023/06838 ~ Complete ~54:DIFFUSING ALPHA-EMITTERS RADIATION THERAPY WITH ENHANCED BETA TREATMENT ~71:ALPHA TAU MEDICAL LTD., 5 Kiryat Hamada Street, Jerusalem, Israel ~72: ARAZI, Lior;DEN, Robert, B;GAT, Amnon;KELSON, Itzhak;MAGEN, Ofer;SCHMIDT, Michael~ 33:US ~31:63/126,070 ~32:16/12/2020

2023/06857 ~ Complete ~54:ROBOTIC PANEL MODULE REMOVAL AND REPLACEMENT IN ORE TREATMENT APPARATUS ~71:SCHENCK PROCESS AUSTRALIA PTY LIMITED, 65 Epping Road, North South Wales13, Australia ~72: MAMMADOV, Asad;POOLE, Benjamin;RUSSELL, Steven;VINE, Morgan~ 33:AU ~31:2020904723 ~32:18/12/2020

2023/06834 ~ Complete ~54:A NOVEL ROBUST COVER ~71:DYNAMIC DISTRIBUTORS (PTY) LTD, 2C Bridget Road, Benrose, South Africa ~72: TONER, Shaun~

2023/06837 ~ Complete ~54:METHYLENE CARBAMATE LINKERS FOR USE WITH TARGETED-DRUG CONJUGATES ~71:SEAGEN INC., 21823 30th Drive SE, Bothell, Washington, 98021, United States of America ~72: PATRICK BURKE;ROBERT KOLAKOWSKI;SCOTT JEFFREY~ 33:US ~31:61/918,539 ~32:19/12/2013;33:TW ~31:103144705 ~32:19/12/2014

2023/06841 ~ Complete ~54:ISOPROPYLMALATE SYNTHASE VARIANT AND METHOD FOR PRODUCING L-LEUCINE BY USING SAME ~71:CJ CHEILJEDANG CORPORATION, 330, DONGHO-RO, JUNG-GU, SEOUL 04560, REP OF KOREA, Republic of Korea ~72: KIM, Ju Eun;LEE, Hayun;LEE, Ji Hye~ 33:KR ~31:10-2021-0029469 ~32:05/03/2021

2023/06843 ~ Complete ~54:SULFOXIMINE PESTICIDES ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: ADISECHAN, Ashokkumar;CHAUDHURI, Rupsha;MAITY, Pulakesh;SAMBASIVAN, Sunderraman;SCHROEDER, Birte;SHAIKH, Rizwan, Shabbir~ 33:IN ~31:202021054384 ~32:14/12/2020;33:EP ~31:21153132.2 ~32:25/01/2021

2023/06848 ~ Complete ~54:N-(IMIDAZO[1,2-B]PYRIDAZIN-3-YL)-1-CYCLOHEXYL-2H-INDAZOLE-5-CARBOXAMIDE AND N-(PYRAZOLO[1,5-A]PYRIMIDIN-3-YL)-1-CYCLOHEXYL-2H-INDAZOLE-5-CARBOXAMIDE DERIVATIVES AS IRAK4 INHIBITORS FOR THE TREATMENT OF ASTHMA ~71:AstraZeneca AB, SÖDERTÄLJE 151 85, SWEDEN, Sweden ~72: BERGGREN, Anna Ingrid Kristina;CHANG, Hui-Fang;SCHIESSER, Stefan;TERSTIEGE, Ina;XUE, Yafeng~ 33:US ~31:63/199,160 ~32:10/12/2020

2023/06835 ~ Complete ~54:FORMWORKING JUMBO FOR ARCH BUCKLING AND LINING WITH PILE-BEAM-ARCH METHOD ~71:CHINA RAILWAY (GUANGZHOU) INVESTMENT & DEVELOPMENT CO., LTD, Room 501-510, 601-610, No. 832, Yuejiang Middle Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China;CHINA RAILWAY TUNNEL STOCK CO.,LTD., No. 99 Science Avenue, Zhengzhou High tech Industrial Development Zone, Zhengzhou City, Henan Province, 450001, People's Republic of China;GUANGZHOU METRO GROUP CO.,LTD., Tower A, Wansheng Plaza, No. 1238, Xingang East Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China ~72: Along Wang;Chen Liu;Chenliang Wei;Dang Tan;Enlei Li;Guangsheng Liang;Hongxia Guo;Qingdian Yuan;Ruisheng Ma;Xianpeng Li;Xiaohai Zhang;Xujie Li;Zhongkai Yuan~

2023/06836 ~ Complete ~54:FUSION PROTEINS, RECOMBINANT BACTERIA, AND METHODS FOR USING RECOMBINANT BACTERIA ~71:Spogen Biotech Inc., 1685 Galt Industrial Boulevard, ST. LOUIS 63132, MO, USA, United States of America ~72: SIEGEL, Ashley;THOMPSON, Brian~ 33:US ~31:62/051,885 ~32:17/09/2014

2023/06855 ~ Complete ~54:ALUMINUM ALLOY INDIRECT THERMAL FORMING DIE AND METHOD OF ALUMINUM ALLOY INDIRECT THERMAL FORMING ~71:BEIJING NATIONAL INNOVATION INSTITUTE OF LIGHTWEIGHT LTD, 3rd Floor, Building 1, No.18 Xueqing Road, People's Republic of China;BEIJING NATIONAL INNOVATION INSTITUTE OF LIGHTWEIGHT LTD YANTAI BRANCH, Block E, Lanhai Software Park, People's Republic of China;CHINA ACADEMY OF MACHINERY SCIENCE AND TECHNOLOGY GROUP, No.2 Shouti South Road, Haidian District, People's Republic of China ~72: SUN, Fuzhen;ZHANG, Quanda~ 33:CN ~31:202211140373.X ~32:20/09/2022

2023/06831 ~ Complete ~54:METHOD FOR INCREASING YIELD OF PLANT SHOOT TIPS AND TENDER LEAVES ~71:CHENGDU VOCATIONAL & TECHNICAL COLLEGE OF INDUSTRY, No.818, Da'an Road, Zhengxing Town, Chengdu District, Tianfu New Area, Chengdu City, Sichuan Province, People's Republic of China;Nanchong Innovation Mulberry Industry Technology Research Institute, No.1, Zaixing Street, Industrial Park, Jialing District, Nanchong City, Sichuan Province, People's Republic of China;Nanchong Shanghao Mulberry Tea Co., Ltd., NO.139, Yanjing Middle Road, Jialing District, Nanchong City, Sichuan Province, People's

Republic of China;Sericultural Research Institute of Sichuan Academy of Agricultural Sciences, No.97, Hezhong Street, Shunqing District, Nanchong City, Sichuan Province, People's Republic of China;Sichuan Shanghao Biotechnology Co., Ltd, Building 1-3, Yanjing Middle Road, Jialing District Industrial Park, Nanchong City, Sichuan Province, People's Republic of China;Sichuan Shanghao Tea Industry Co., Ltd, No.1, Zaixing Street, Industrial Park, Jialing District, Nanchong City, Sichuan Province, People's Republic of China ~72: CHENG Bo;HAN Lijun;HU Junhua;LIU Huimin;LIU Lumin;LIU Xingyu;WU Jianmei;YE Jingjing;YIN Hao;ZHANG Yan;ZHAO Qinghua~

2023/06829 ~ Complete ~54:METHOD AND DEVICE FOR PREPARING WATERPROOF AND FLAME-RETARDANT TEXTILES ~71:Yancheng Polytechnic College, 285 Jiefang South Road, Yancheng City, Jiangsu Province, People's Republic of China ~72: FAN Lishan;SONG Qiuxia;WANG Ke;WU Yinfei;ZHOU Bin;ZHOU Hongtao~ 33:CN ~31:2022115634146 ~32:07/12/2022

2023/06833 ~ Complete ~54:COMBINED GEOPHYSICAL SURVEY PROBE ~71:HEILONGJIANG UNIVERSITY, 74 Xuefu Road, Nangang District, Harbin City, Heilongjiang Province, People's Republic of China ~72: LIU Xiao;ZHENG Fangwen~

2023/06839 ~ Complete ~54:STACKABLE QUARTER-SIZE PLASTIC PLATFORM AND ASSOCIATED METHODS ~71:CHEP TECHNOLOGY PTY LIMITED, Level 29, 255 George Street, Sydney, Australia ~72: DAUBENSPECK, Bradley Wayne;SANKAR, Nigel~ 33:US ~31:63/147,864 ~32:10/02/2021;33:US ~31:17/650,259 ~32:08/02/2022

2023/06879 ~ Provisional ~54:SMART LACE LOCKS ~71:NKOSISIMELE PRINCE MTHETHWA, 39 Parkhurst, 609 Park Street, Sunnyside,, South Africa ~72: NKOSISIMELE PRINCE MTHETHWA~

2023/06840 ~ Complete ~54:TREATMENT PLANNING FOR ALPHA PARTICLE RADIOTHERAPY ~71:ALPHA TAU MEDICAL LTD., 5 Kiryat Hamada Street, Jerusalem, Israel ~72: ARAZI, Lior;GAT, Amnon;HEGER, Guy;KELSON, Itzhak~ 33:US ~31:17/141,251 ~32:05/01/2021;33:US ~31:17/497,937 ~32:10/10/2021

2023/06842 ~ Complete ~54:NOVEL COMPOUNDS AS ANDROGEN RECEPTOR AND PHOSPHODIESTERASE DUAL INHIBITOR ~71:ILDONG PHARMACEUTICAL CO., LTD., 2, BAUMOE-RO 27-GIL, SEOCHO-GU, SEOUL 06752, REPUBLIC OF KOREA, Republic of Korea ~72: BAN, Jun-Su;JUNG, Ju-Young;KIM, Jeong-Ah;KIM, Kyung-Sun;LEE, Soo-Jin;LEE, Yoon-Suk;MOON, An-Na;SONG, Dong-Keun~ 33:US ~31:63/124,615 ~32:11/12/2020

2023/06844 ~ Complete ~54:PROCESS FOR THE CONTINUOUS PREPARATION OF (METH)ACRYLATE BY REACTING AN ALCOHOL WITH (METH)ACRYLIC ACID USING AT LEST ONE CONTROL UNIT WHICH IS CLOSED-LOOP CONTROLLED BY A SENSOR (S) ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: DE RUITER, Cornelis, Hendricus;FEUERSTEIN, Maike;GIESHOFF, Tile;HERBRECHT, Dominik (Deceased);KRAMP, Marvin;MAKARCZYK, Piotr~ 33:EP ~31:20213506.7 ~32:11/12/2020

2023/06845 ~ Complete ~54:METHOD OF MANUFACTURING STEEL ~71:ARCELORMITTAL, 24-26, Boulevard d'Avranches, Luxembourg ~72: Hugo DA GAMA CAMPOS;Jean-Martin VAN DER HOEVEN~ 33:IB ~31:PCT/IB2021/051607 ~32:26/02/2021

2023/06852 ~ Complete ~54:COUPLING FOR CONNECTING DOWNHOLE TUBULARS WITH IMPROVED STRESS DISTRIBUTION ~71:Sandvik Mining and Construction Tools AB, SANDVIKEN 81181, SWEDEN, Sweden ~72: JANSSON, Tomas;NORDBERG, Anders~ 33:EP ~31:21159696.0 ~32:26/02/2021

2023/06854 ~ Complete ~54:MAPPING OF PAGING EARLY INDICATOR TO MULTIPLE PAGING OCCASIONS ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE-164 83, Sweden ~72: ANDGART, Niklas;MALEKI, Sina;NADER, Ali;NIMBALKER, Ajit;REIAL, Andres;THANGARASA, Santhan~ 33:US ~31:63/137,799 ~32:15/01/2021

2023/06856 ~ Complete ~54:WEAR SCANNING OF SCREENING AND OTHER ORE TREATMENT DECKS ~71:SCHENCK PROCESS AUSTRALIA PTY LIMITED, 65 Epping Road, North South Wales13, Australia ~72: MAMMADOV, Asad;POOLE, Benjamin;RUSSELL, Steven;VINE, Morgan~ 33:AU ~31:2020904722 ~32:18/12/2020;33:AU ~31:2021901477 ~32:18/05/2021

2023/06827 ~ Provisional ~54:BROLLYGUARD ~71:Russell Jones, 14 Leeubekkie Street, Jukskei Park, South Africa ~72: Russell Jones~

2023/06830 ~ Complete ~54:AN ANTIHYPERTENSIVE DRUG AND ITS PREPARATION METHOD THEREOF ~71:North China University of Science and Technology, No.21 Bohai Avenue, Caofeidian New District, Tangshan City, Hebei Province, 063210, People's Republic of China ~72: Linlin Zhao;Lixun Lyu;Qianying Zhang;Xiaobin Duan~

. - APPLIED ON 2023/07/06 -

2023/06877 ~ Complete ~54:ANTI-OX40L ANTIBODY, ANTI-OX40L/ANTI-TNF ALPHA BISPECIFIC ANTIBODY, AND USES THEREOF ~71:HK INNO.N CORPORATION, 239 Osongsaengmyeong 2-ro, Osong-eup, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, 28158, Republic of Korea;IMBIOLOGICS CORP., 11F, 260, Changnyong-daero Yeongtong-gu, Suwon-si Gyeonggi-do 16229, Republic of Korea;Y-BIOLOGICS INC., 3F, 29, Techno 4-ro Yuseong-gu Daejeon 34014, Republic of Korea ~72: BUM CHAN PARK;CHUNG MIN LEE;EUN YOUNG SHIM;GYONG SIK HA;HYEON JU KANG;HYUN MI LEE;JAE EUN PARK;JONG RYOUL CHOI;JUNG MIN YOO;KYU EUN CHO;SEUNG HEE JUNG;SOO YOUNG KIM;YOON JUNG LEE~

2023/06860 ~ Complete ~54:PREPARATION METHOD FOR POROUS CARBON MATERIAL ~71:Huzhou College, No. 1, Xueshi Road, Wuxing District, Huzhou, Zhejiang Province, 313000, People's Republic of China ~72: LI, Xianchang;LUO, Yongping;WANG, Yongya;XU, Shunjian;ZHANG, Yuanjun~

2023/06872 ~ Complete ~54:METHOD FOR IN-PHASE AND QUADRATURE IMBALANCE ESTIMATION AND COMMUNICATION APPARATUS ~71:Huawei Technologies Co., Ltd., Huawei Administration Building, Bantian, Longgang District, SHENZHEN 518129, GUANGDONG, CHINA (P.R.C.), People's Republic of China ~72: KUKLEV, Konstantin Igorevich;LARIONOV, Alexander Borisovich;MESHCHERYAKOV, Alexey Vyacheslavovich;SHEVCHENKO, Igor Vsevolodovich;TAFINTSEV, Konstantin Stanislavovich~

2023/06864 ~ Complete ~54:SYSTEM FOR DETECTING DRAINAGE PIPELINE ~71:Henan University of Urban Construction, Longxiang Street, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: Fan Yanru;Gao Hongbin;Wu Junfeng;Yao Mengyang;Yin ShiQiang;Zhu Xinfeng~ 33:CN ~31:2023216032172 ~32:21/06/2023

2023/06868 ~ Complete ~54:MODULATING EXPRESSION OF POLYPEPTIDES VIA NEW GENE SWITCH EXPRESSION SYSTEMS ~71:INTREXON CORPORATION, 1750 Kraft Drive, Blacksburg, Virginia, 24060, United States of America ~72: CHERYL G BOLINGER;RUTUL R SHAH;THOMAS D REED~ 33:US ~31:62/444,775 ~32:10/01/2017;33:US ~31:62/464,958 ~32:28/02/2017

2023/06870 ~ Complete ~54:MANUFACTURING METHOD OF A STEEL PRODUCT ~71:ARCELORMITTAL, 24-26, Boulevard d'Avranches, Luxembourg ~72: Hugo DA GAMA CAMPOS;Jean-Martin VAN DER HOEVEN~

2023/06873 ~ Complete ~54:ELLIPTICAL DESIGN FOR HEXAGONAL SHANKS ~71:Sandvik Mining and Construction Tools AB, SANDVIKEN 81181, SWEDEN, Sweden ~72: JANSSON, Tomas;KRAFT, Conny~ 33:EP ~31:21157645.9 ~32:17/02/2021

2023/06875 ~ Complete ~54:METHODS AND APPARATUS FOR PRESERVING FLAVOR IN FOOD PRODUCTS AND SHELF-STABLE FOOD PRODUCTS ~71:Trade Secret Chocolates, 4749 Pennington Court, INDIANAPOLIS 46254, IN, USA, United States of America ~72: AMBRECHT, Adam;HALSTEAD, Jessica Claire;RUBIN, Matthew J.~ 33:US ~31:63/134,759 ~32:07/01/2021;33:US ~31:17/168,304 ~32:05/02/2021

2023/06859 ~ Provisional ~54:INVENTION OF A HIGH-SECURITY ARMOURED SHELTER FOR TELECOMMUNICATIONS INFRASTRUCTURE ~71:Paul Stefanus Millard, Plot 3, Vlei Street, Glen Marais, South Africa ~72: Charl van Niekerk~

2023/06866 ~ Complete ~54:A SEISMIC HAZARD ASSESSMENT SYSTEM ~71:Dr Ashish Kumar Parashar, Assistant Professor Department of Civil Engineering, SoS, Engineering & Technology, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, 495009, India ~72: Dr Ashish Kumar Parashar~

2023/06876 ~ Complete ~54:HIGH-RESOLUTION CAMERA NETWORK FOR AI-POWERED MACHINE SUPERVISION ~71:California Institute of Technology, 1200 E. California Boulevard, M/C 6-32, PASADENA 91125, CA, USA, United States of America;Toofon, Inc., 556 S. Fair Oaks Avenue, Suite 101-164, PASADENA 91105, CA, USA, United States of America ~72: EMADI, Amir;GHARIB, Morteza;JEON, David;OL, Michael V.~ 33:US ~31:63/134,905 ~32:07/01/2021

2023/06865 ~ Complete ~54:RETRACTABLE SOLAR SYSTEM ~71:ROUX HAMEED, Sofia Tallula, 1360 West King Edward Avenue, VANCOUVER V6H1Z9, BC, CANADA, Canada ~72: ROUX HAMEED, Sofia Tallula~ 33:US ~31:63/359,013 ~32:07/07/2022;33:US ~31:63/524,164 ~32:29/06/2023

2023/06871 ~ Complete ~54:METHOD FOR CONTROLLING THE OPENING OF A WORK APPARATUS HAVING PAIRWISE ARRANGED PROCESSING DEVICES FOR VITICULTURE, AND WORK APPARATUS ~71:CLEMENS GMBH & CO. KG, Rudolf-Diesel-Str. 8, Germany ~72: Patrick CLEMENS~ 33:DE ~31:10 2021 101 466.2 ~32:25/01/2021

2023/06874 ~ Complete ~54:UNDERGROUND WORKSITE MODEL GENERATION ~71:Sandvik Mining and Construction Oy, Pihtisulunkatu 9, TAMPERE 33330, FINLAND, Finland ~72: PUURA, Jussi;VON ESSEN, Tomi~

2023/06878 ~ Complete ~54:SCREW CONVEYOR ~71:CARMINE ELIA, 74/C Via Dante Alighieri Pomezia, 00071, Rome, Italy ~72: CARMINE ELIA~ 33:IT ~31:102020000030089 ~32:07/12/2020

2023/06861 ~ Complete ~54:SECURE CLOUD-BASED WEATHER MONITORING SYSTEM WITH DISTRIBUTED SENSOR NETWORK ~71:Dr. K. Bindu Kumar, S/o. P. N. Karthikeyan, Professor, Department of Mechanical Engineering, Government Engineering College, Barton Hill, Thiruvananthapuram, Kerala, 695035, India;Dr. K. R. Remesh Babu, S/o. B. Raman, Professor, Department of Information Technology, Government Engineering College, Idukki, Kerala, 685603, India;Dr. Ramesh Unnikrishnan, S/o. S. Unnikrishnan Nair, Associate Professor, Department of Mechanical Engineering, College of Engineering Munnar, Munnar, Kerala, 685612, India;Dr. Sangeetha U., D/o. Unnikrishnan, Associate Professor, Department of Information Technology, Government Engineering College, Palakkad, Kerala, 678633, India ~72: Dr. K. Bindu Kumar;Dr. K. R. Remesh Babu;Dr. Ramesh Unnikrishnan;Dr. Sangeetha U.~

2023/06863 ~ Complete ~54:RAPID MUTATION SCREENING METHOD FOR FOLIC ACID-PRODUCING BACTERIA ~71:Anhui Polytechnic University, No.8 Beijing Middle Road, Jiujiang District, Wuhu City, Anhui

Province, People's Republic of China ~72: GAO Xuli;HU Liuxiu;HUANG Junbao;HUANG Xilin;LIU Yan;LUO Yani;TAO Wei;WANG Jian;XUE Zhenglian~

2023/06867 ~ Complete ~54:A METHOD PREPARING CHELATED DIFFERENT AMINO ACIDS FROM GARLIC TURPALE WASTE ~71:Dr Meshram Rohan Janardhan, Bioinformatics Centre, Savitribai Phule Pune University, Ganeshkhind Road, Pune, 411007, India;Dr. Amrut Gunwantrao Gaddamwar, Department of Chemistry, Amolkachand Mahavidyalaya, Godhani Road Yavatmal, Maharashtra, 445001, India;Dr.Gundu Mallikarjun, Government Degree College, Ibrahimpatnam, Ranga Reddy, Telangana, 501506, India;Dr.Ramesh Tukaram Parihar, Department of Chemistry, Vidnyan Mahavidyalaya, Malkapur, Buldhana, Maharashtra, 443101, India;Sreeramamurthy Satish Raghammudi, House No.50, Nehru Nagar, Khamla Road post office, Vivekanand Nagar, Nagpur, Maharashtra, 440015, India ~72: Dr Meshram Rohan Janardhan;Dr. Amrut Gunwantrao Gaddamwar;Dr.Gundu Mallikarjun;Dr.Ramesh Tukaram Parihar;Sreeramamurthy Satish Raghammudi~

2023/06862 ~ Complete ~54:CONTROL METHOD FOR COORDINATED MOVEMENT ADJUSTMENT OF COMBINED CRAWLER OF CONVEYOR ~71:National Energy Group Ningxia Coal Industry Co. , Ltd., No. 168 Beijing Middle Road, Yinchuan City, Ningxia Hui Autonomous Region, People's Republic of China;Ningxia Tiandi northwest coal machine limited company, Dawukou Industrial Park, Shizuishan City, Ningxia Hui Autonomous Region, People's Republic of China ~72: CHAI Yanbiao;FENG Baozhong;HAN Fangcheng;JIN Feng;LIU Zengjie;LUO Tingfeng;MA Yue;NIE Yongchao;SHENG Weiqing;SONG Kang;WANG Zhangui;YANG Yang;ZENG Chao;ZHANG Fenyou;ZHOU Hailin~

2023/06869 ~ Complete ~54:PARASOL BANNER ~71:SCREEN GRAPHICS CC, 1 Beechfield Crescent, Springfield Industrial Park, South Africa ~72: DE VILLIERS, Byron Allan~ 33:ZA ~31:2022/03946 ~32:07/04/2022

. - APPLIED ON 2023/07/07 -

2023/06915 ~ Complete ~54:METHOD OF PRODUCING CELLULOSE CARBAMATE ~71:Infinited Fiber Company Oy, Tekniikantie 14, ESPOO 02150, FINLAND, Finland ~72: HARLIN, Ali;MÄKELÄ, Jani;MALANIN, Erkki;SIREN, Sakari;STJERNBERG, Martin~ 33:FI ~31:20215213 ~32:26/02/2021

2023/06908 ~ Complete ~54:DETERMINING DRIVE SYSTEM ANOMALIES BASED ON POWER AND/OR CURRENT CHANGES IN AN IRRIGATION SYSTEM ~71:HEARTLAND AG TECH, INC., 907 3rd Avenue Hancock, Wisconsin, 54943, United States of America ~72: JEREMIE PAVELSKI;RUSSELL SANDERS~ 33:US ~31:63/133,542 ~32:04/01/2021

2023/06880 ~ Provisional ~54:CAMOUFLAGE REFUSE BAG ~71:eesaa muhummad, 4 main avenue 32 alegria killarney, South Africa ~72: eesaa muhummad~

2023/06881 ~ Provisional ~54:FOOD STEAMER ~71:Inventec CC, 49 Trafalgar Place Street, South Africa ~72: Shaun Gary Van Biljon;Willem Johannes van Straaten~

2023/06884 ~ Complete ~54:AUXILIARY CONTROL DEVICE FOR EXCAVATOR HYDRAULIC SYSTEM ~71:Dongguan University of Technology, No. 1 Daxue Road, Songshan Lake District, Dongguan City, Guangdong Province, 523808, People's Republic of China ~72: FU, Wenbo;LIU, Haitao;LU, Wenjuan;ZENG, Daxing~ 33:CN ~31:2023105774417 ~32:22/05/2023

2023/06894 ~ Complete ~54:RING-SHAPED 3D STAGE EQUIPMENT WITH CONTROL MECHANISM ~71:JIANG SU RUIFENG INTELLIGENT TECHNOLOGY CO., LTD., 11th Floor, Building 6, 18 Jialingjiang East Street, Jianye District, Nanjing City, Jiangsu Province, People's Republic of China ~72: SHUJING WANG~

2023/06900 ~ Complete ~54:COMPOSITIONS OF GUANYLYL CYCLASE C (GCC) ANTIGEN BINDING AGENTS AND METHODS OF USE THEREOF ~71:CRESCENDO BIOLOGICS LTD, Meditrina Building 260, United Kingdom;TAKEDA PHARMACEUTICAL COMPANY LIMITED, 1-1, Doshomachi 4-chome, Japan ~72: DE JUAN FRANCO, Elena;HE, Xingyue;NG, Mei Rosa;SHAPIRO, Gary;THOMPSON, Lorraine;VANCE, Steven~ 33:US ~31:63/123,333 ~32:09/12/2020

2023/06903 ~ Complete ~54:COMPOSITIONS OF GUANYLYL CYCLASE C (GCC) ANTIGEN BINDING AGENTS AND METHODS OF USE THEREOF ~71:TAKEDA PHARMACEUTICAL COMPANY LIMITED, 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-Shi, Japan ~72: CHOUITAR, Johara;HE, Xingyue;NG, Mei Rosa;SHAPIRO, Gary~ 33:US ~31:63/123,331 ~32:09/12/2020

2023/06905 ~ Complete ~54:WORK MACHINE DIPPER WITH IMPROVED DIG AND PAYLOAD PERFORMANCE ~71:CATERPILLAR GLOBAL MINING LLC, 875 W. Cushing Street, United States of America ~72: ALSALEH, Mustafa I.;JAMILOSA, James G.;LOSSMANN, Matthew J.;PARK, Jae B.;YUN, Andrew S.~ 33:US ~31:17/140,834 ~32:04/01/2021

2023/06907 ~ Complete ~54:RECOVERY METHOD OF RA-226, PRODUCTION METHOD OF RA-226 SOLUTION, AND PRODUCTION METHOD OF AC-225 SOLUTION ~71:NATIONAL INSTITUTES FOR QUANTUM SCIENCE AND TECHNOLOGY, 4-9-1, Anagawa, Inage-ku, Chiba-shi, Chiba 2638555, Japan;NIHON MEDI-PHYSICS CO., LTD., 3-4-10, Shinsuna, Koto-ku, Tokyo, 1360075, Japan ~72: HISASHI SUZUKI;JUN ICHINOSE;KOTARO NAGATSU;TAKU ITO;YOSHIO HONDA~ 33:JP ~31:2021-002432 ~32:08/01/2021

2023/06926 ~ Complete ~54:ANTI-AGING AND ANTI-TUMOR ROSA ROXBURGHII PUREE FOR EXTRACTING SOD.VC, AND PREPARATION METHOD THEREOF ~71:Guizhou Longzibao Biotechnology Co., Ltd, Modern Mountain Agroforestry Science and Technology Industrial Park, Yanshan Town, Guiding County, Qiannan Prefecture, Guizhou Province, People's Republic of China ~72: LIU Shuibo;Yang Jing~ 33:CN ~31:CN202310544803.2 ~32:15/05/2023

2023/06923 ~ Complete ~54:METHOD OF DRY SEEDLING RICE SEEDLING TRAY IN SANDY LOAM SOIL ~71:INSTITUTE OF FOOD AND CROPS OF THE ACADEMY OF AGRICULTURAL SCIENCES OF YUNNAN PROVINCE, No. 2238, Beijing Road, Panlong District, Kunming City, Yunnan Province, People's Republic of China ~72: Jian TU;Jianhua ZHANG;Junjiao GUAN;Limei KUI;Sheping LI;Wei DENG;Xiaolin LI;Ying LV;Yuran XU~ 33:CN ~31:202310213808.7 ~32:08/03/2023

2023/06925 ~ Complete ~54:3,4,5,6-TETRAHALOPHENOLSULFONPHTHALEIN ALKALI METAL SALT, PREPARATION METHOD THEREFOR AND USE THEREOF ~71:JILIN MEDICAL UNIVERSITY, 5 Jilin Avenue, Jilin City, Jilin Province, 132013, People's Republic of China ~72: CAI, Jianhui;GUO, Yongxin;JIA, Boyan;LIU, Jiaxue;LIU, Lei;WANG, Huiyan;WANG, Yangyang;XIU, Zhiming;YANG, Weilong;YIN, Moli~ 33:CN ~31:2023103625390 ~32:06/04/2023

2023/06928 ~ Complete ~54:AN ENERGY-SAVING DETECTION SYSTEM FOR A CONSTRUCTION SITE ~71:CHINA CONSTRUCTION FIFTH DIVISION SOUTHERN CONSTRUCTION SUBSIDIARY CORP., LTD, T1-8A, No. 1 Shenzhen Bay, No. 3088, Community Center Road, Blue Coast, Yuehai Street, Nanshan District, Shenzhen, Guangdong Province, 518000, People's Republic of China ~72: CHEN, Hu;CHEN, Long;FAN, Lixiong;GONG, Siwei;HUANG, Xuguang;PI, Yuanjie;WANG, Qianhong;WANG, Xiaodong;WU, Jikang;ZHANG, Xiaoqing~

2023/06882 ~ Provisional ~54:FOOD STEAMER ~71:Inventec CC, 49 Trafalgar Place Street, South Africa ~72: Shaun Gary Van Biljon;Willem Johannes van Straaten~

2023/06883 ~ Complete ~54:SILICA-SOL BONDED CORUNDUM SILICON-CARBIDE CASTABLE AND PREPARATION METHOD ~71:Henan Hongyu New Material Technology Co., Ltd., Yinhe Road, Beishankou Refractory Park, Beishankou Town, Gongyi City, Henan Province, 451200, People's Republic of China ~72: Kang Shihao;Kang Xiaoxu;Liu Jingyuan;Wang Xiaoxiao~

2023/06885 ~ Complete ~54:DISPLACEMENT SECONDARY REGULATION DEVICE AND CONTROL METHOD FOR HYDRAULIC PUMP ~71:Dongguan University of Technology, No. 1 Daxue Road, Songshan Lake District, Dongguan City, Guangdong Province, 523808, People's Republic of China ~72: FU, Wenbo;LIU, Haitao;LU, Wenjuan;ZENG, Daxing~ 33:CN ~31:2023105811990 ~32:22/05/2023

2023/06890 ~ Complete ~54:SOLAR ELECTROCHEMICAL DEFLUORIDATION WATER PURIFIER ~71:Huzhou College, No. 1, Xueshi Road, Wuxing District, Huzhou, Zhejiang Province, 313000, People's Republic of China ~72: LI, Hongfeng;LI, Xianchang;LUO, Yongping;WANG, Yongya;XU, Shunjian;ZHANG, Yuanjun~

2023/06893 ~ Complete ~54:SIGNAL COMPRESSION ENCRYPTION METHOD BASED ON MEMRISTOR CIRCUIT SYSTEM ~71:Southwest University, Tiansheng Road 2, Beibei District, Chongqing, People's Republic of China ~72: Dong Tao;Hu Wenjie;Lv Meining~ 33:CN ~31:2023106684085 ~32:07/06/2023

2023/06898 ~ Complete ~54:PROCESS OF FRACTIONATION AND RECOVERY OF FLAVONOIDS, TERPENES AND PREBIOTIC FIBER CONTAINING POLYSACCHARIDES FROM PLANT MATERIAL, USE OF PLANT MATERIAL, AND FLAVONOIDS, TERPENES AND PREBIOTICAL FIBER CONTAINING POLYSACCHARIDES ~71:FIBER CITRUS INDÚSTRIA E COMÉRCIO LTDA., Rua Iguatemi, n. 448, 4º andar, sala 1, Brazil ~72: GUERRA, Francisco José;LOPES, Othniel Rodrigues;SOARES, Filipe da Silva~ 33:BR ~31:10 2022 013691-2 ~32:08/07/2022

2023/06902 ~ Complete ~54:INTEGRATED METHOD FOR THE DECADMIATION OF PHOSPHORIC ACID ~71:OCP SA, Hay Erraha Rue Al Abtal n° 2-4, Morocco ~72: LABIAD, Rabie;SAMRANE, Kamal~ 33:FR ~31:2012986 ~32:10/12/2020

2023/06906 ~ Complete ~54:METHOD FOR PRODUCING AC-225 SOLUTION AND METHOD FOR PRODUCING MEDICINE USING AC-225 SOLUTION ~71:NATIONAL INSTITUTES FOR QUANTUM SCIENCE AND TECHNOLOGY, 4-9-1, Anagawa, Inage-ku, Chiba-shi, Chiba 2638555, Japan;NIHON MEDI-PHYSICS CO., LTD., 3-4-10, Shinsuna, Koto-ku, Tokyo, 1360075, Japan ~72: HIROAKI ICHIKAWA;HISASHI SUZUKI;JUN ICHINOSE;KOTARO NAGATSU;TAKU ITO;TOMOYUKI IMAI;YOSHIO HONDA~ 33:JP ~31:2021-002437 ~32:08/01/2021

2023/06924 ~ Complete ~54:A NOVEL MANAGEMENT AND MAINTENANCE SYSTEM FOR A SMALL-RADIUS AND LARGE-CROSS-SECTION EXTRADOSED CABLE-STAYED BRIDGE ~71:CHINA CONSTRUCTION FIFTH ENGINEERING BUREAU CO., LTD., No. 158 Zhongyi 1st Road, Yuhua District, Changsha, Hunan Province, 410000, People's Republic of China ~72: CHEN, Tao;REN, Yejun;SHAN, Hongwei;WU, Hekun;ZHANG, Xu~

2023/06927 ~ Complete ~54:A HYPERBOLIC ROOF CONSTRUCTION PROCESS BASED ON BIM SIMULATION ~71:CHINA CONSTRUCTION FIFTH ENGINEERING BUREAU CO., LTD., No. 158 Zhongyi 1st Road, Yuhua District, Changsha,Hunan Province, 410000, People's Republic of China ~72: CHEN, Mingji;LIAO, Yong;TIAN, Xiyuan;WANG, Hao;WANG, Jie;WU, Chunpeng;XIAN, Dongyun~

2023/06910 ~ Complete ~54:METAL RECOVERY USING MOLTEN SALT AND RELATED SYSTEMS ~71:PHOENIX TAILINGS, INC., 8-B Henshaw Street Woburn, Massachusetts, 01801, United States of America ~72: THOMAS ANTHONY VILLALON JR~ 33:US ~31:63/124,618 ~32:11/12/2020;33:US ~31:17/170,678 ~32:08/02/2021;33:US ~31:63/174,220 ~32:13/04/2021

2023/06949 ~ Complete ~54:PROCESSES TO IMPROVE CATALYTIC METAL ACCOUNTABILITY IN HYDROFORMYLATION PROCESSES ~71:DOW TECHNOLOGY INVESTMENTS LLC, 2211 H.H. Dow Way, United States of America ~72: BRAMMER, Michael A.;GILES, Jason F.;MILLER, Glenn A.~ 33:US ~31:63/124,922 ~32:14/12/2020

2023/06887 ~ Complete ~54:WATER QUALITY MONITORING DEVICE BASED ON AGRICULTURAL REMOTE SENSING POSITIONING ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: GAO, Songfeng;GUO, Huanhuan;JIANG, Yongtao;SONG, Ziying;YANG, Yun;ZHOU, Yushi~

2023/06889 ~ Complete ~54:QUANTITATION AND IDENTIFICATION OF DIMERS IN CO-FORMULATIONS ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: WANG, Shunhai;YAN, Yuetian~ 33:US ~31:62/796,794 ~32:25/01/2019;33:US ~31:62/852,591 ~32:24/05/2019

2023/06892 ~ Complete ~54:NEURAL NETWORK KEY AGREEMENT METHOD BASED ON FALSE PREDICTION ~71:Southwest University, Tiansheng Road 2, Beibei District, Chongqing, People's Republic of China ~72: Dong Tao;Hu Wenjie;Lv Meining~ 33:CN ~31:202310678250X ~32:08/06/2023

2023/06896 ~ Complete ~54:ZONE-BASED HEATING ELEMENT ~71:Georg Fischer Rohrleitungssysteme AG, Ebnatstrasse 111, SCHAFFHAUSEN 8201, SWITZERLAND, Switzerland ~72: ENGESSER, Benedikt;ROESCH, Juergen~ 33:EP ~31:22 183 714.9 ~32:08/07/2022

2023/06899 ~ Complete ~54:PRECURSOR AND RADIOTRACER FOR NEUROENDOCRINE THERANOSTICS ~71:POSITRON PRECISION GMBH, Koppenstraße 82, 10243 Berlin, Germany ~72: BAUM, Richard;MARX, Sebastian;MECKEL, Marian;RÖSCH, Frank~ 33:DE ~31:10 2021 111 452.7 ~32:04/05/2021

2023/06912 ~ Complete ~54:THE USE OF SGC ACTIVATORS FOR THE TREATMENT OF OPHTHALMOLOGIC DISEASES ~71:Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 1, LEVERKUSEN 51373, GERMANY, Germany ~72: CHO, Hongkwan;DUH, Elia;NASSAR, Khaled;SANDNER, Peter;SCHUBERT, William Ernst;TERJUNG, Carsten;WU, Lijuan;XU, Zhenhua;ZHOU, Lingli~ 33:US ~31:63/123,787 ~32:10/12/2020

2023/06886 ~ Complete ~54:METHOD AND SYSTEM FOR ANALYZING AGRICULTURAL REMOTE SENSING IMAGES ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: CHEN, Lianjun;DING, Leixiang;GAO, Songfeng;JIANG, Yongtao;LU, Kun;PAN, Shangtao;WANG, Limei;WEN, Feng;YANG, Yun;ZHANG, Caili;ZHOU, Yushi~

2023/06888 ~ Complete ~54:METHOD OF CHARACTERIZATION OF VISIBLE AND/OR SUB-VISIBLE PARTICLES IN BIOLOGICS ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: XU, Xiaobin~ 33:US ~31:62/798,750 ~32:30/01/2019

2023/06891 ~ Complete ~54:GOJI BERRY BREAD BASED ON DIACYLGLYCEROL OIL AND ITS PREPARATION METHOD ~71:SHANDONG BUSINESS INSTITUTE, No.15,Haixing Road, High tech Zone, Yantai, Shandong, 264035, People's Republic of China;Shandong Chenlang Biotechnology Co., Ltd., 300 Changjiang Road, Yantai Area, China (Shandong) Pilot Free Trade Zone, 265503, People's Republic of China ~72: HUANG Congcong;JI Weiguo;LI Haihong~

2023/06895 ~ Complete ~54:AUTOMATIC CORRECTION FLUID FILLING DEVICE ~71:QINGDAO YATAN STATIONERY CO., LTD, Xicheng Hui Community, Chengyang Street, Chengyang District, Qingdao City,

Shandong Province, People's Republic of China ~72: GUOGANG TIAN;HONGJUN YAN;SHOUQUN TIAN;TINGHONG YAN;ZHENYU TIAN~

2023/06913 ~ Complete ~54:SUBSTITUTED PYRAZOLO PIPERIDINE CARBOXYLIC ACIDS ~71:Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 1, LEVERKUSEN 51373, GERMANY, Germany ~72: BOULTADAKIS ARAPINIS, Melissa;CANDISH, Lisa;COLLIN-KRÖPELIN, Marie-Pierre;DIESKAU, Andre;DIETZ, Lisa;HOFMEISTER, Lucas Hudson;MATHAR, Ilka;MONDRITZKI, Thomas;ORTEGA HERNANDEZ, Nuria;SANDNER, Peter;SCHMECK, Carsten;STELLFELD, Timo;VAKALOPOULOS, Alexandros;WEBSTER, Robert Alan;WUNDER, Frank~ 33:EP ~31:20213020.9 ~32:10/12/2020

2023/06914 ~ Complete ~54:SUBSTITUTED PYRAZOLO PIPERIDINE CARBOXYLIC ACIDS ~71:Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 1, LEVERKUSEN 51373, GERMANY, Germany ~72: BOULTADAKIS-ARAPINIS, Melissa;CANDISH, Lisa;COLLIN-KRÖPELIN, Marie-Pierre;DIESKAU, Andre;DIETZ, Lisa;HOFMEISTER, Lucas Hudson;MATHAR, Ilka;MONDRITZKI, Thomas;ORTEGA HERNANDEZ, Nuria;SANDNER, Peter;SCHMECK, Carsten;STELLFELD, Timo;VAKALOPOULOS, Alexandros;WEBSTER, Robert Alan;WUNDER, Frank~ 33:EP ~31:20213016.7 ~32:10/12/2020

2023/06916 ~ Complete ~54:ARTIFICIAL INTELLIGENCE BASED ANALYST AS AN EVALUATOR ~71:Darktrace, Inc., 555 Mission Street, Suite 3225, SAN FRANCISCO 94105, CA, USA, United States of America ~72: BAZALGETTE, Timothy Owen;CHAPMAN, Constance Alice~ 33:US ~31:63/135,394 ~32:08/01/2021;33:US ~31:63/274,376 ~32:01/11/2021

2023/06897 ~ Complete ~54:SECURITY ELECTRONIC SHOE FOR CASINO ~71:Angel Group Co., Ltd., 4600, Aono-cho, HIGASHIOMI-SHI 5270232, SHIGA, JAPAN, Japan ~72: SHIGETA, Yasushi~ 33:JP ~31:2022-110486 ~32:08/07/2022;33:JP ~31:2022-132265 ~32:23/08/2022;33:JP ~31:2023-086884 ~32:26/05/2023

2023/06901 ~ Complete ~54:IONIZABLE LIPIDS ~71:ETHERNA IMMUNOTHERAPIES NV, Galileilaan 19, Belgium;UNIVERSITEIT GENT, Sint-Pietersnieuwstraat 25, Belgium ~72: DE GEEST, Bruno;DE KOKER, Stefaan;YONG, Chen~ 33:EP ~31:20216879.5 ~32:23/12/2020

2023/06904 ~ Complete ~54:METHOD FOR PRODUCING AN RPET PLASTIC MATERIAL FOR USE IN A THIN WALL INJECTION MOLDING PROCESS AND HOLLOW BODY PRODUCED IN THE THIN WALL INJECTION MOLDING PROCESS ~71:ALPLA WERKE ALWIN LEHNER GMBH & CO. KG, Allmendstrasse 81, Austria ~72: Benjamin HAAS;Robert SIEGL~ 33:CH ~31:000117/2021 ~32:08/02/2021;33:CH ~31:070736/2021 ~32:17/12/2021

2023/06909 ~ Complete ~54:USE OF CD8-TARGETED VIRAL VECTORS ~71:SANA BIOTECHNOLOGY, INC., 188 East Blaine Street, Suite 400, Seattle, Washington, 98102, United States of America ~72: AKINOLA OLUMIDE EMMANUEL;CHRISTOPHER BANDORO;JAGESH VIJAYKUMAR SHAH;KUTLU ELPEK;KYLE MARVIN TRUDEAU;LAUREN PEPPER MACKENZIE;PATRICIA CRUITE~ 33:US ~31:63/136,202 ~32:11/01/2021;33:US ~31:63/150,498 ~32:17/02/2021;33:US ~31:63/168,235 ~32:30/03/2021;33:US ~31:63/211,947 ~32:17/06/2021

2023/06911 ~ Complete ~54:IMPROVEMENTS TO DEVICES AND METHODS FOR DELIVERY OF SUBSTANCES TO ANIMALS ~71:Ruminant BioTech Corp Limited, 105 Bellevue Road, RD 4, HAMILTON 3284, NEW ZEALAND, New Zealand ~72: BHUSAL, Prabhat;CORBETT, Geoffrey Earle;GLADDEN, Neil Richard;HAYMAN, David Leslie;LAY, Mark Christopher;THOMAS, Hayden Peter~ 33:NZ ~31:770786 ~32:08/12/2020;33:AU ~31:2021900932 ~32:30/03/2021;33:AU ~31:2021221810 ~32:25/08/2021

2023/06918 ~ Complete ~54:SYSTEMS AND METHODS FOR IMPROVED TRANSACTION RECONCILIATION ~71:XERO LIMITED, 19-23 Taranaki Street, New Zealand ~72: MCCORMICK, Craig;MCNAB, Rodger;OLD,

Anastasia Nadine;RADA VILELA, Juan Carlos;ROACHE, Stanley;ZHANG, Qiuying~ 33:AU ~31:2020904606 ~32:10/12/2020

2023/06917 ~ Complete ~54:AEROSOLIZABLE NICOTINE-CONTAINING FORMULATIONS ~71:VENTUS MEDICAL LIMITED, Unit 8, The Matchworks Speke Road, Garston Liverpool, United Kingdom ~72: DIGNUM, Mark;LAWSON, David~ 33:GB ~31:2100353.8 ~32:12/01/2021

. - APPLIED ON 2023/07/10 -

2023/06939 ~ Complete ~54:A SYSTEM FOR PRODUCTION OF OMEGA-3 CAPSULES FROM FISH OFFAL ~71:Dr. Bimal Prasanna Mohanty, Asst. Director General ICAR, Room. No. 308, Krishi Anusandhan Bhawan II, Pusa, New Delhi, 110012, India ~72: Dr. Arabinda Mahanty;Dr. Basanta Kumar Das;Dr. Bimal Prasanna Mohanty;Dr. Satabdi Ganguly;Dr. Tandrima Mitra;Prof. Dr. Sasmita Mohanty~

2023/06990 ~ Complete ~54:METHOD FOR SIMULTANEOUS AND RAPID DETERMINATION OF CHLORINE, BROMINE AND IODINE BY PYROHYDROLYSIS COMBINED WITH ICP-MS ~71:BGRIMM MTC TECHNOLOGY CO., LTD., A708 AND A701, People's Republic of China ~72: FANG, Shengnan;HAN, Pengcheng;LI, Huachang;SHI, Yehong;SUN, Jialiang;WANG, Xuan;XU, Bicong;YANG, Fei;ZHAO, Zhen~ 33:CN ~31:202211237674.4 ~32:11/10/2022

2023/06919 ~ Provisional ~54:LIDO ~71:Thabo Joseph Sechele, 1983 Bethel Section, South Africa ~72: Thabo Joseph Sechele~ 33:ZA ~31:ZA ~32:07/07/2023

2023/06921 ~ Provisional ~54:BATTERY CONNECTOR ~71:CAMERON, Daniel James, 797 Wapadrand Street, Wapadrand, South Africa;COETZEE, Renier, Plot 45 A, Elandsfontein, Eco Park, South Africa ~72: COETZEE, Bennie;COETZEE, Renier~

2023/06933 ~ Complete ~54:PASSWORD LOCKING METHOD, PASSWORD UNLOCKING METHOD AND PASSWORD LOCKING AND UNLOCKING METHOD FOR INTELLIGENT TOUCH SCREEN APPARATUS ~71:Leshan Normal University, No.778 Binhe Road, Leshan City, Sichuan Province, 614000, People's Republic of China ~72: Bin LI;Guihong ZHANG;Lin LI;Tao MEN;Yan SUN~

2023/06930 ~ Complete ~54:PRESERVED VEGETABLE EXTRACT AND EXTRACTION METHOD AND APPLICATION THEREOF ~71:Zhongkai University of Agriculture and Engineering, Room 905, No. 1068, Xingang East Road, Haizhu District, Guangzhou, People's Republic of China ~72: Dengle DUAN;Qin WANG;Ruanbing ZHANG;Sheng HUANG;Wenhua YANG;Zhiqiang FENG~ 33:CN ~31:2023105212566 ~32:09/05/2023

2023/06931 ~ Complete ~54:MULTIFUNCTIONAL WATER METER BOX ~71:Ningbo Jiangbei Water Meter Factory, Building 1, 2, 4 and 5, No. 6, Lane 150, Beihai Road, Jiangbei District, Ningbo City, Zhejiang Province, 315000, People's Republic of China ~72: YANG, Lu;YANG, Zhongfang~ 33:CN ~31:2022111354574 ~32:19/09/2022

2023/06945 ~ Complete ~54:A SYSTEM AND METHOD FOR OBTAINING BALANCED ELECTROENCEPHALOGRAPHY (EEG) SIGNALS BASED ON AN OPTIMIZATION TECHNIQUE ~71:Damodar Reddy Edla, Associate Professor, National Institute of Technology Goa, India;Dr. Priyank Jain, Assistant Professor, Indian Institute of Information Technology Pune, Maharastra-411041, India;Kuna Venkateswararao, Assistant Professor, Indian Institute of Information Technology Pune, Maharastra-411041, India;Modi Tejas Maheshbhai, Assistant Professor, Indian Institute of Information Technology Surat, Surat, Gujarat-394190, India;Munipala Ramesh, Research scholar, National Institute of Technology Goa, India;Sreedevi Chikkudu, Assistant Professor, B V Raju Institute of Technology, Hyderabad, India ~72: Damodar Reddy Edla;Dr. Priyank Jain;Kuna Venkateswararao;Modi Tejas Maheshbhai;Munipala Ramesh;Sreedevi Chikkudu~

2023/06954 ~ Complete ~54:METHODS FOR IMPROVING FRUIT QUALITY ~71:THE STATE OF ISRAEL, MINISTRY OF AGRICULTURE & RURAL DEVELOPMENT, AGRICULTURAL RESEARCH ORGANIZATION (ARO) (VOLCANI INSTITUTE), Volcani Center, P.O. Box 15159, Israel ~72: ALKAN, Noam;ELAD, Yigal;FEYGENBERG, Oleg;MAURER, Dalia;OREN-SHAMIR, Michal~ 33:US ~31:63/134,403 ~32:06/01/2021;33:US ~31:63/164,051 ~32:22/03/2021

2023/06959 ~ Complete ~54:DOWNFORCE LOAD SENSOR FOR A PLANTER ROW UNIT ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: FRANK, William;LITWILLER, Riley~ 33:US ~31:63/155,644 ~32:02/03/2021

2023/06967 ~ Complete ~54:METHOD FOR THE CONTROL OR SUPPRESSION OF PHYTOPATHOGENIC BACTERIA ~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: COSKY, Steven;KRASNOW, Charles;QUEROL, Thierry Manuel Claude;SIEROTZKI, Helge~ 33:US ~31:63/140,459 ~32:22/01/2021

2023/06973 ~ Complete ~54:ACTIVE PHARMACEUTICAL INGREDIENT ~71:DAMIT HOLDINGS (PTY) LTD, 452 Lakeview Estate White River, South Africa ~72: CONOCHIE, Bajabulile Iris~ 33:ZA ~31:2020/07630 ~32:08/12/2020

2023/06936 ~ Complete ~54:A SYSTEM AND METHOD OF MANAGING AN INSURANCE SCHEME ~71:THEMBA CYPRIAN YENDE, 63 Plattenburg, Flats 32, Johannesburg, 2198, South Africa ~72: THEMBA CYPRIAN YENDE~ 33:ZA ~31:2022/08244 ~32:25/07/2022

2023/06940 ~ Complete ~54:A METHOD FOR ANALYZING THE IMPLICATIONS OF E-LEARNING EDUCATION ~71:Dr. Deepanjali Mishra, Associate Professor, School of Humanities, KIIT University, At/po Patia, Bhubaneswar, 751024, India ~72: Dr. Deepanjali Mishra~

2023/06960 ~ Complete ~54:SYSTEMS AND METHODS FOR DETERMINING STATE DATA FOR AGRICULTURAL PARAMETERS AND PROVIDING SPATIAL STATE MAPS ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: ALLGAIER, Ryan;BANDY, Emil;WILCOXSON, David Aaron~ 33:US ~31:63/165,364 ~32:24/03/2021

2023/06946 ~ Complete ~54:A NANOPARTICLE-BASED DRUG DELIVERY SYSTEM FOR TARGETED TREATMENT OF CANCER ~71:Dr. Chinmaya Mahapatra, Associate Professor and HOD, Department of Pharmaceutics, The Neotia University, Jhinger Pole, Diamond Harbour Road, Sarisha, West Bengal, 743368, India;Dr. Lubhan Singh, Professor & Head of the Department, Department of Pharmacology, Kharvel Subharti College of Pharmacy, Swami Vivekanand Subharti University, Meerut, Uttar Pradesh, 250005, India;Dr. Pankaj Kumar, Professor, Department of Pharmacology, Adesh Institute of Pharmacy and Biomedical Sciences, Adesh University, NH-7, Barnala Road, Bathinda, Punjab, 151001, India;Dr. Raja Rajeswari Kamisetti, Professor and Head, Pharmaceutical Regulatory Affairs, Pulla Reddy Institute of Pharmacy, Hyderabad, Telangana, 502313, India;Dr. Rupesh Kumar Pandey, Associate Professor, Department of Pharmacology, Kharvel Subharti College of Pharmacy, Swami Vivekanand Subharti University, Meerut, Uttar Pradesh, 250001, India;Dr. Sachin Kumar Dnyaneshwar Gunjal, Associate Professor, Department of Pharmaceutics, Amrutvahini College of Pharmacy, Sangamner, Savitribai Phule Pune University, Maharashtra, 422605, India;Mr. Rajeswar Das, Assistant Professor & HOD, Department of Pharmacology, The Neotia University, Jhinger Pole, Diamond Harbour Road, Sarisha, West Bengal, 743368, India;Mr. Satyabrata Jena, Associate Professor, Bhaskar Pharmacy College, Hyderabad, Yenkapally, Moinabad, (JNTUH, Hyderabad), Rangareddy District, Hyderabad, Telangana, 500075, India;Mr.Darla Raju, Associate Professor, Department of Pharmacognosy and Phytochemistry, Joginpally B R Pharmacy College, Yenkapally, Moinabad, K V Rangareddy District, Hyderabad, Telangana, 500075, India;Mrs. R.Devi, Associate Professor, Department of Pharmaceutics, Faculty of Pharmacy,

Bharath Institute of Higher Education and Research, Selaiyur, Chennai, Tamil Nadu, 600073, India ~72: Dr. Chinmaya Mahapatra;Dr. Lubhan Singh;Dr. Pankaj Kumar;Dr. Raja Rajeswari Kamisetti;Dr. Rupesh Kumar Pandey;Dr. Sachin Kumar Dnyaneshwar Gunjal;Mr. Darla Raju;Mr. Rajeswar Das;Mr. Satyabrata Jena;Mrs. R.Devi~ 33:IN ~31:202341032341 ~32:08/05/2023

2023/06947 ~ Complete ~54:A NOVEL NANOPARTICLE-BASED COATING COMPOSITION FOR CORROSION RESISTANCE AND METHOD THEREOF ~71:Dr. Anjali Awasthi, Assistant Professor, Department of Chemical Engineering, Harcourt Butler Technical University, Kanpur, Uttar Pradesh, 208002, India;Dr. S.V.A.R.Sastry, Associate Professor, Department of Chemical Engineering, Harcourt Butler Technical University, Kanpur, Uttar Pradesh, 208002, India;Dr. Shravan Kumar, Assistant Professor, Department of Biochemical Engineering, Harcourt Butler Technical University, Kanpur, Uttar Pradesh, 208002, India;Ms. Mansi Tiwari, Research Scholar, Department of Chemical Engineering, Harcourt Butler Technical University, Kanpur, Uttar Pradesh, 208002, India;Ms. Vartika Nishad, Research Scholar, Department of Biochemical Engineering, Harcourt Butler Technical University, Kanpur, Uttar Pradesh, 208002, India ~72: Dr. Anjali Awasthi;Dr. S.V.A.R.Sastry;Dr. Shravan Kumar;Ms. Mansi Tiwari;Ms. Vartika Nishad~ 33:IN ~31:202311032905 ~32:10/05/2023

2023/06951 ~ Complete ~54:COLD STORAGE DEVICE ~71:B MEDICAL SYSTEMS S.À R.L., 17, op der Hei L, Luxembourg ~72: GLODT, Pit;LENTZ, Mario~ 33:GB ~31:2019621.8 ~32:11/12/2020

2023/06955 ~ Complete ~54:HIGH-STRENGTH HOT-ROLLED FLAT STEEL PRODUCT HAVING HIGH LOCAL COLD FORMABILITY AND A METHOD OF PRODUCING SUCH A FLAT STEEL PRODUCT ~71:SALZGITTER FLACHSTAHL GMBH, Eisenhüttenstrasse 99, Germany ~72: DENKS, Ingwer;MIRKOVIC, Djordje;WITTE, Marco~ 33:DE ~31:10 2021 104 584.3 ~32:25/02/2021

2023/06961 ~ Complete ~54:SPRAYER SYSTEM ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: HERRMANN, Tristan;PLATTNER, Chad;STOLLER, Jason;STUBER, Luke~ 33:US ~31:63/153,621 ~32:25/02/2021

2023/06966 ~ Complete ~54:ASSAY SYSTEM CALIBRATION SYSTEMS AND METHODS ~71:Meso Scale Technologies, LLC., 1601 Research Boulevard, ROCKVILLE 20850, MD, USA, United States of America ~72: JOERN, John;SIGAL, George~ 33:US ~31:63/135,999 ~32:11/01/2021

2023/06965 ~ Complete ~54:GITR ANTAGONISTS AND METHODS OF USING THE SAME ~71:Eli Lilly and Company, Lilly Corporate Center, INDIANAPOLIS 46285, IN, USA, United States of America ~72: CAIN, Paul Francis;LACERTE, Melinda Ann;LEE, Stacey Lynn;VERDINO, Petra;WORTINGER, Mark Andrew~ 33:US ~31:63/144,732 ~32:02/02/2021;33:US ~31:63/297,968 ~32:10/01/2022

2023/06968 ~ Complete ~54:ANTIPARASITIC COMPOUNDS ~71:Corteva Agriscience LLC, 9330 Zionsville Road, INDIANAPOLIS 46268, IN, USA, United States of America;Intervet International B.V., Wim De Koerverstraat 35, BOXMEER 5831 AN, THE NETHERLANDS, Netherlands ~72: HECKEROTH, Anja Regina;HUNTER, James Edward;KATZENSTEIN, Joshua;LAWLER, Lori Kay;LUTZ, Jürgen;SCHMITT, Harald;SHEEHAN, John Gerard;TRULLINGER, Tony Kent;WALSH, Martin Joseph;WILLIAMS, Heike;ZOLLER, Hartmut~ 33:EP ~31:21153638.8 ~32:27/01/2021;33:US ~31:63/292,561 ~32:22/12/2021

2023/06971 ~ Complete ~54:PROCESS FOR THE PRODUCTION OF 1,1-DIFLUOROETHANE ~71:MEXICHEM FLUOR S.A. DE C.V., Eje 106, Zona Industrial, Mexico ~72: REES, Claire;SHARRATT, Andrew~ 33:GB ~31:2100874.3 ~32:22/01/2021

2023/06934 ~ Complete ~54:INTELLIGENT PHOTOGRAPHING METHOD FOR MICRO-COURSE TRACKING ~71:Leshan Normal University, No.778 Binhe Road, Leshan City, Sichuan Province, 614000, People's Republic of China ~72: Lingqi CHEN;Tao MEN;Xingcheng LI;Yan SUN;Yiyu GU;Yuting MA~

2023/06941 ~ Complete ~54:A NETWORK INTRUSION DETECTION CLASSIFICATION SYSTEM BASED ON AZURE MACHINE LEARNING ~71:Dr Hareesh K. S., Director, International Centre for Applied Sciences (ICAS) | Academic Block - 5 | LG-2 | MIT Campus, United States of America;Dr. Poornima Panduranga Kundapur, Associate Professor, Department of Data Science and Computer Applications, Fourth Floor, Academic Block 4, Manipal Institute of Technology, Manipal - 576 104, Udupi District, Karnataka State, India;Dr. R. Suchithra, Professor and Head of School, School of CS & IT, JAIN (Deemed-to-be University), Bangalore, 560069, India;Dr. Smitha Rajagopal, Assistant Professor, School of CS and IT; Jain (Deemed-to-be University), 44/4, District Fund Road, behind Big Bazaar, Jayanagar 9th Block, Bengaluru, Karnataka, 560069, India ~72: Dr Hareesh K. S.;Dr. Poornima Panduranga Kundapur;Dr. R. Suchithra;Dr. Smitha Rajagopal~

2023/06922 ~ Provisional ~54:APPARATUS AND METHOD FOR ACCURATE LARGE SCALE ADDITIVE MANUFACTURING ~71:PAN MIXERS SOUTH AFRICA (PROPRIETARY) LIMITED, 5 Graniet Street, Jetpark, South Africa;QUINTIN BOOYSEN, 19 Viljoen Street, Edenglen, South Africa ~72: BOOYSEN, Quintin~

2023/06948 ~ Complete ~54:A SYSTEM FOR OPTIMIZING DRUG ABSORPTION BY CANCEROUS CELLS USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING ~71:Dr. Chinmaya Mahapatra, Associate Professor & HOD, Department of Pharmaceutics, The Neotia University, Jhinger Pole, Diamond Harbour Rd, Sarisha, West Bengal, 743368, India;Dr. Darshanam Vijaykumar, Professor, Department of Pharmaceutics, Swami Vivekananda Institute of Pharmaceutical Sciences, Vangapally, Telangana, 508286, India;Dr. Hara Prasad Mishra, Junior Resident (Academic), Department of Pharmacology, University College of Medical Sciences, University of Delhi, New Delhi, Delhi, 110095, India;Dr. Joan Dsouza, International Society of Pharmacovigilance Chair for Switzerland/Austria and Pharmacovigilance Consultant and Medical Writer, Kanton Zurich, Zurich, Switzerland;Dr. Pratap Kumar Patra, Professor, Department of Pharmaceutical Chemistry, Sree Dattha Institute of Pharmacy, Jawaharlal Nehru Technological University, Hyderabad, Telangana, 501510, India;Dr. Sachin Kumar Dnyaneshwar Gunjal, Associate Professor, Department of Pharmaceutics, Amrutvahini College of Pharmacy, Sangamner, Savitribai Phule Pune University, Maharashtra, 422605, India;Dr. Sandhya Jaiswal, Assistant Professor, Department of Pharmaceutics, Chandigarh College of Pharmacy, Chandigarh Group of Colleges, Landran, Mohali, Punjab, 140307, India;Mr. Darla Raju, Associate Professor, Department of Pharmacognosy and Phytochemistry, Joginpally B R Pharmacy College, Yenkapally, Moinabad, Rangareddy District, Hyderabad, Telangana, 500075, India;Mr. Satyabrata Jena, Associate Professor, Bhaskar Pharmacy College, Hyderabad, Yenkapally, Moinabad, (JNTUH, Hyderabad), Rangareddy District, Hyderabad, Telangana, 500075, India;Ms. Anmol Dhawande, Assistant Professor, Department of Pharmaceutics, School of Pharmacy, GH Raisoni University Saikheda, Madhya Pradesh, 480337, India ~72: Dr. Chinmaya Mahapatra;Dr. Darshanam Vijaykumar;Dr. Hara Prasad Mishra;Dr. Joan Dsouza;Dr. Pratap Kumar Patra;Dr. Sachin Kumar Dnyaneshwar Gunjal;Dr. Sandhya Jaiswal;Mr. Darla Raju;Mr. Satyabrata Jena;Ms. Anmol Dhawande~ 33:IN ~31:20234129322 ~32:23/04/2023

2023/06950 ~ Complete ~54:A CORE SAMPLE HANDLING DEVICE ~71:COREMAX LIMITED, c/o - James & Wells Level 12, New Zealand ~72: POWELL, Peter Evan;WEST, Gregory Donald~ 33:NZ ~31:770690 ~32:03/12/2020

2023/06953 ~ Complete ~54:METHOD FOR REDUCTIVE EXTRACTION OF IRIDIUM, RHODIUM AND/OR RUTHENIUM ~71:HERAEUS DEUTSCHLAND GMBH & CO. KG, Heraeusstr. 12-14, Germany ~72: OTT, Sybille;RÖHLICH, Christoph~ 33:EP ~31:21154929.0 ~32:03/02/2021

2023/06958 ~ Complete ~54:ALGORIPHAGUS SP, BOSEA SP, BREVUNDIMONAS SP, DESULFOVIBRIO SP, MICROBACTERIUM SP, SPHINGOMONAS SP, AND VARIOVORAX SP FOR USE IN DISEASE PREVENTION AND TREATMENT ~71:ZIVO BIOSCIENCE, INC., 21 East Long Lake Road, suite 100, Bloomfield Hills, United States of America ~72: DAHL, Andrew A.;PFUND, William P.;STEFFEK, Amy. E~ 33:US ~31:63/138,041 ~32:15/01/2021;33:US ~31:17/576,339 ~32:14/01/2022

2023/06962 ~ Complete ~54:METHODS AND SYSTEMS FOR MEASURING DUTY CYCLE AND PULSE FREQUENCY OF SENSORS TO DETERMINE SEED OR PARTICLE METRICS ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: ALLGAIER, Ryan;FRANK, William;GRAY, Tanner;JELLISON, Jonathon;O'ROURKE, Brendan~ 33:US ~31:63/159,993 ~32:12/03/2021;33:US ~31:63/183,118 ~32:03/05/2021

2023/06974 ~ Complete ~54:IRRIGATION DEVICE FOR PROMOTING DEEP ROOT GROWTH OF A PLANT ~71:DEEP ROOT IRRIGATION, LLC, P.O. Box 281, Burlington, IA 52601, United States of America ~72: CIUDAJ, Jeffrey~ 33:US ~31:17/516,513 ~32:01/11/2021

2023/06937 ~ Complete ~54:FERMENTED FEED FOR BEEF CATTLE AND PREPARATION METHOD THEREFOR ~71:INSTITUTE OF ANIMAL SCIENCE AND VETERINARY MEDICINE, SHANDONG ACADEMY OF AGRICULTURAL SCIENCES, Animal Building 313, Shandong Academy of Agricultural Sciences, 23788 Gongye North Road, Licheng District, Jinan, Shandong Province, 250100, People's Republic of China ~72: CHEN, Xiangxing;LI, Chuanhao;LI, Qinglei;LIANG, Meng;LIU, Xiaomu;SHENG, Qingkai;YANG, Zhaojun;ZHANG, Xianglun;ZHAO, Hongbo~ 33:CN ~31:2023100210390 ~32:07/01/2023

2023/06920 ~ Provisional ~54:MULTIVENDOR PLATFORM TO SUPPORT SMART DEVICES ADDING A PAY TO USE SERVICE TO ELECTRONIC EQUIPMENT ~71:Gregory Naidu, 8 Paddock Place, Milnerton Ridge, South Africa ~72: Gregory Naidu~

2023/06942 ~ Complete ~54:A NATURAL INGREDIENTS FORMULATION FOR DEVELOPING A MOSQUITO REPELLENT LAMP ~71:Dishita Amrut Gaddamwar, Narayana School, Dhamangaon Road, Yavatmal, State Maharashtra, 445001, India;Dr. Amrut Gunwantrao Gaddamwar, Department of Chemistry, Amolkachand Mahavidyalaya, Godhani Road Yavatmal, State-Maharashtra, 445001, India;Dr. Sandip Rameshwarrao Kelode, Head, Department of Chemistry, Arts, Commerce and Science College, Maregaon, Yavatmal, 445303, India;Kalyani Amrut Gaddamwar, At-Dhamandari, Post-WagharTakli, Tq-Ghatanji, Dist-Yavatmal, State-Maharashtra, 445001, India ~72: Dishita Amrut Gaddamwar;Dr. Amrut Gunwantrao Gaddamwar;Dr. Sandip Rameshwarrao Kelode;Kalyani Amrut Gaddamwar~

2023/06943 ~ Complete ~54:A PHYSICAL UNCLONABLE FUNCTIONS (PUF)-BASED LIGHTWEIGHT AUTHENTICATION SYSTEM FOR UNMANNED AERIAL VEHICLE (UAV-IOT) GROUND NETWORK ~71:Dr. Ajit Singh, Department of Computer Science & Engineering, Bipin Tripathi Kumaon Institute of Technology, Dwarahat -263653, (Uttarakhand), India;Dr. Chander Diwakar, Department of Computer Science and Engineering, University Institute of Engineering and Technology, Kurukshetra University, Kurukshetra-136119, (Haryana), India;Dr. Sachin Kumar Gupta, School of Electronics and Communication Engineering, Shri Mata Vaishno Devi University, Kakryal-182320, Katra, (Jammu & Kashmir), UT, India;Dr. Sudakar Singh Chauhan, Department of Electronics and Communication Engineering, Guru Ghasidas Vishwavidyalaya, Bilaspur-495009, (Chhattisgarh), India;Dr. Vijay Kumar Sharma, School of Electronics and Communication Engineering, Shri Mata Vaishno Devi University, Kakryal-182320, Katra, (Jammu & Kashmir), UT, India;Dr. Vivek Sharma, Department of Computer Science and Engineering, Jai Parkash Mukand Lal Innovative Engineering and Technology Institute, Radaur-135133, Yamunanagar (Haryana), India;Lalit Singh Garia, Department of Electronics & Communication Engineering, Bipin Tripathi Kumaon Institute of Technology, Dwarahat -263653, (Uttarakhand), India;Rashi Rastogi, Sir Chottu Ram Institute of Engineering & Technology, Ch. Charan Singh University, Meerut-250001, India;Vijay Hasanpuri, Department of Computer Science and Engineering, University Institute of Engineering and Technology, Kurukshetra University, Kurukshetra, 136119, (Haryana), India ~72: Dr. Ajit Singh;Dr. Chander Diwakar;Dr. Sachin Kumar Gupta;Dr. Sudakar Singh Chauhan;Dr. Vijay Kumar Sharma;Dr. Vivek Sharma;Lalit Singh Garia;Rashi Rastogi;Vijay Hasanpuri~

2023/06969 ~ Complete ~54:DECORATIVE COATING SYSTEM AND METHOD FOR DECORATIVE PRODUCTS ~71:ROBINSON, Carl, 2901 Shamlin Monroe, United States of America ~72: ROBINSON, Carl~ 33:US ~31:63/076,639 ~32:10/09/2020

2023/06952 ~ Complete ~54:ENEMA FORMULATION ~71:INDEX PHARMACEUTICALS AB, Berzelius väg 13, Sweden ~72: ALHADEFF, Paul;CORONA, Franziska Müller;DATHE, Britta;JOHANSSON, Christine Dieterich;SANDWALL, Pernilla Helena;WANNER, Ralf~ 33:EP ~31:21275126.7 ~32:09/09/2021

2023/06963 ~ Complete ~54:COMPOSITION HAVING GOOD BIOCOMPATIBILITY AND USE THEREOF IN ORAL PRODUCTS ~71:DENCARE (CHONGQING) ORAL CARE CO.,LTD., Innovation And Research Department, No.389 Haier Road, People's Republic of China ~72: CHEN, Feng;DENG, Quanfu;DENG, Rong;GONG, Jingyu;ZHANG, Hong;ZHANG, Min~ 33:CN ~31:202111044055.9 ~32:07/09/2021

2023/06970 ~ Complete ~54:BIOMARKERS FOR DETECTING CANCER ~71:UNIVERSITY OF CAPE TOWN, Lovers Walk, Rondebosch, South Africa ~72: LEANER, Virna Drucille;VAN DER WATT, Pauline Janet~ 33:GB ~31:2019682.0 ~32:14/12/2020

2023/06972 ~ Complete ~54:TRIGGER DISPENSING DEVICE WITH MEANS TO AVOID THE LOSS OF PRODUCT ~71:GUALA DISPENSING S.P.A., Zona industriale D/5 - Spinetta Marengo, Italy ~72: ALLUIGI, Riccardo~ 33:IT ~31:102021000003743 ~32:18/02/2021

2023/06929 ~ Complete ~54:LARGE-STROKE ADJUSTABLE SUPPORT ~71:Henan Pingdingshan Tianhong Road and Bridge Engineering Co., Ltd., No. 9, Nvzhen Street, High-tech Zone, Pingdingshan City, Henan Province, 467300, People's Republic of China;Wuhan Huazhong University of Science and Technology Testing Technology Co., Ltd, West 6th Floor, Huazhong University of Science and Technology, No. 1037 Luoyu Road, Hongshan District, Wuhan City, Hubei Province, 430074, People's Republic of China ~72: BAO, Lei;CHEN, Bingwei;CHEN, Shangzhi;CHEN, Yufei;DAI, Yingjie;GUO, Baoting;HU, Nana;HU, Tuanwei;HUANG, Wei;KE, Gaoguo;LI, Peidong;LI, Xiaodong;LI, Yang;MENG, Yakun;NIU, Xiaoke;PENG, Yingzhan;SU, Haitao;WANG, Pengfei;WANG, Yuanhao;WEI, Shuailing;XIE, Liudan;XU, Yuan;YANG, Xiaojun;ZHANG, Jianxun;ZHANG, Qiankun~

2023/06932 ~ Complete ~54:METHOD FOR PROCESSING PRESERVED VEGETABLE ~71:Zhongkai University of Agriculture and Engineering, Room 905, No. 1068, Xingang East Road, Haizhu District, Guangzhou, People's Republic of China ~72: Dengle DUAN;Qin WANG;Ruanbing ZHANG;Sheng HUANG;Wenhua YANG;Zhiqiang FENG~ 33:CN ~31:2023105212462 ~32:09/05/2023

2023/06935 ~ Complete ~54:TREATMENT OF HER2 POSITIVE CANCERS ~71:SEAGEN INC., 21823 30th Drive SE, Bothell, Washington, 98021, United States of America ~72: LUKE WALKER;SCOTT PETERSON~ 33:US ~31:62/491,872 ~32:28/04/2017

2023/06938 ~ Complete ~54:A METHOD AND SYSTEM FOR GENERATING AND CLASSIFYING A HYBRID FEATURE VECTOR FOR BIOMETRIC RECOGNITION ~71:Dr. Kaushal Kamaleshwar Prasad, The Principal of Finolex Academy of Management and Technology(FAMT), FAMT, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Dr. Vinayak Ashok Bharadi, Finolex Academy of Management and Technology, Head of Information Technology Department, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Finolex Academy of Management and Technology, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Geetanjali Nilesh Sawant, Finolex Academy of Management and Technology, Department of Information Technology, Research Scholar, P-60,P-60/1, MIDC, MIRJOLE BLOCK, RATNAGIRI, Maharashtra, 415639, India;Pravin Surtaram Jangid, Finolex Academy of Management and Technology, Department of Information Technology, Research Scholar, P-60,P-60/1, MIDC, MIRJOLE BLOCK,

RATNAGIRI, Maharashtra, 415639, India ~72: Dr. Kaushal Kamaleshwar Prasad;Dr. Vinayak Ashok Bharadi;Geetanjali Nilesh Sawant;Pravin Surtaram Jangid~

2023/06944 ~ Complete ~54:A METHOD FOR FLUORIDE ADSORPTION AND PHOTOREDUCTION OF CR(VI) USING AL3+ MODIFIED MINE-WASTE ~71:TECHNO INDIA UNIVERSITY, WEST BENGAL, EM-4, SECTOR-V, SALT LAKE, KOLKATA-700091, WEST BENGAL, India ~72: Arnab Mukherjee;Dr. Debasis Dhak;Dr. Prasanta Dhak;Manideepa Chakraborty~

2023/06956 ~ Complete ~54:LONG ACTING INJECTABLE COMPOSITIONS OF CARIPRAZINE OR ITS PHARMACEUTICALLY ACCEPTABLE SALTS ~71:CIPLA LIMITED, Cipla House, Peninsula Business Park, Ganpatrao Kadam Marg, Lower parel, India ~72: BHADAURIA, Pradeep;HARDE, Harshad;KUMAR, Abhinesh;KUMAR, Mukesh;RAJYAGURU, Tushar;SINGHADEO, Arnab Kumar;WALUNJ, Manoj Mahadu~ 33:IN ~31:202121011063 ~32:16/03/2021

2023/06957 ~ Complete ~54:METHOD FOR PRODUCING A FORMED COMPONENT FROM A STEEL BLANK, USE OF SUCH A COMPONENT, AND CORRESPONDING BLANK AND COMPONENT ~71:SALZGITTER FLACHSTAHL GMBH, Eisenhüttenstrasse 99, Germany ~72: GEORGEOU, Zacharias;PALZER, Peter~ 33:DE ~31:10 2021 101 267.8 ~32:21/01/2021

2023/06964 ~ Complete ~54:ANTI-SENSITIVE TOOTHPASTE CAPABLE OF ENHANCING FLUORINE ACTIVITY ~71:DENCARE (CHONGQING) ORAL CARE CO.,LTD., Innovation And Research Department, No.389 Haier Road, People's Republic of China ~72: DENG, Quanfu;DENG, Rong;DONG, Haide;LIU, Li;TANG, Weiyue;ZHANG, Huan~ 33:CN ~31:202110120604.X ~32:28/01/2021

. - APPLIED ON 2023/07/11 -

2023/06976 ~ Provisional ~54:CONTI STLYE LUGGAGE COVER WITH STRAPS ~71:MUHAMMAD EBRAHIM, 7 CARRIAGE CLOSE CROWN EXT.7, South Africa ~72: MUHAMMAD EBRAHIM~

2023/06977 ~ Provisional ~54:LUGGAGE COVER WITH STRAPS ~71:MUHAMMAD EBRAHIM, 7 CARRIAGE CLOSE; CROWN EXT.7, South Africa ~72: MUHAMMAD EBRAHIM~

2023/06982 ~ Complete ~54:INTELLIGENT CONTROL NETWORK SYSTEM ~71:Tianjin Vocational Institute, No. 2, Luohe Road, Beichen District, Tianjin, 300410, People's Republic of China ~72: WANG, Xiang~

2023/06987 ~ Complete ~54:A FERTILIZER-SAVING AND LOSS-REDUCING CORN PLANTING METHOD AND ITS APPLICATIONS ~71:TIANJIN ACADEMY OF AGRICULTURE SCIENCES, No. 268 Baidi Road, Nankai District, Tianjin, 300192, People's Republic of China ~72: NING, Xiaoguang;WU, Di;ZHANG, Xinjian;ZHAO, Qiu~

2023/06979 ~ Provisional ~54:DAY-NIGHT ADAPTER ~71:Victor van Wyk, 6 Palma street, Riebeeckstad, Welkom, Freestate, 9459, South Africa ~72: Victor van Wyk~

2023/06980 ~ Complete ~54:A DOOR FRAME ASSEMBLY AND ASSOCIATED METHOD ~71:Intermech (Pty) Limited, 76A Pearse Road, Nuffield, SPRINGS 1559, Gauteng, SOUTH AFRICA, South Africa ~72: GERMISHUIZEN, Jacques~

2023/06981 ~ Complete ~54:BLACK FUNGUS SNACK FOOD AND PREPARATION METHOD THEREFOR ~71:Institute of Food Processing, HAAS, No. 368, Xuefu Road, Nangang District, Harbin, Heilongjiang Province, 150006, People's Republic of China ~72: CHEN, Kaixin;CHEN, Qing;GAO, Yang;LI, Bo;LU, Shuwen;SHEN, Huifang;YAN, Song;YAO, Xinmiao;ZHOU, Ye~

2023/06983 ~ Complete ~54:METHOD FOR EFFICIENTLY ESTABLISHING INSECT CELL LINE ~71:Institute of Highland Forest Science, Chinese Academy of Forestry, Bailongsi, Panlong District,, Kunming City, Yunnan Province, 650233, People's Republic of China ~72: CHEN, Hang;DING, Weifeng;FENG, Ying;LI, Xian;MA, Chenjing;ZHANG, Xin~

2023/06986 ~ Complete ~54:OFFBOARD MONITORING SYSTEM ~71:JOY GLOBAL UNDERGROUND MINING LLC, 40 Pennwood Place, Suite 100, Warrendale, United States of America ~72: CRESSMAN, Toby J.~ 33:US ~31:63/388,454 ~32:12/07/2022

2023/06988 ~ Complete ~54:CHILI PRETREATMENT DEVICE AND METHOD ~71:HUNAN AGRICULTURAL UNIVERSITY, No.1 Nongda Road, Furong District, Changsha City, Hunan Province, 410128, People's Republic of China ~72: DENG, Fangming;ZHAO, Lingyan~

2023/06991 ~ Complete ~54:CIRCULATING TRANSCRIPTION FACTOR ANALYSIS ~71:BELGIAN VOLITION SRL, 22 Rue Phocas, Lejeune, Isnes, Belgium ~72: ECCLESTON, Mark Edward;HERZOG, Marielle;MICALLEF, Jacob Vincent;PAMART, Dorian Fernand François~ 33:US ~31:63/131,722 ~32:29/12/2020

2023/06995 ~ Complete ~54:A DISPENSING GUN FOR DELIVERING A MATERIAL FROM A CARTRIDGE ~71:SEPTODONT OU SEPTODONT SAS OU SPÉCIALITÉS SEPTODONT, 58 rue du pont de Créteil, 94100 Saint-Maur-des-Fossés, France ~72: CLÉMENCE CO;GILLES RICHARD;MICKAËL DESCHEPPER;OLIVIER MARIE~ 33:EP ~31:21305075.0 ~32:21/01/2021

2023/06999 ~ Complete ~54:COMPOSITION ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: CARSTEN SCHAEFER;FELIX FLORIAN HÖVELMANN;JAN DIEDERICHS;JULIE BENNETT;KEVIN JAMES MUTCH;PETER JOSEF HALLIER;STEPHEN NORMAN BATCHELOR;XIAOQIANG GUO~ 33:EP ~31:21171401.9 ~32:30/04/2021

2023/07002 ~ Complete ~54:CREAMER ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: DE BOISHEBERT, Virginie;ROBSON, James;TERRAZAS, Korina~ 33:EP ~31:20215284.9 ~32:18/12/2020

2023/06992 ~ Complete ~54:GPCR RECEPTOR AGONISTS, PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME, AND METHODS FOR THEIR USE ~71:CARMOT THERAPEUTICS, INC, 740 Heinz Avenue Berkeley, California 94710, United States of America ~72: DU, Xiaohui;FUCINI, Ray;GAO, Rui;HANSEN, Stig;JEONG, Joon Won;KAWAI, Hiroyuki;LEE, Craig;LIU, Li;LLOYD, David;RAN, Xu;SAKYA, Subas Man;WANG, Xiaofang;YEH, Chien-Hung;ZHOU, Xiang~ 33:US ~31:63/143,025 ~32:28/01/2021;33:US ~31:63/183,612 ~32:03/05/2021;33:US ~31:63/274,893 ~32:02/11/2021

2023/07001 ~ Complete ~54:PRESSURE VESSEL SYSTEM ~71:VAN DEN BOS, Mitch, 54 Glory Road, Nooitgedacht, Gauteng, South Africa ~72: VAN DEN BOS, Mitch~ 33:ZA ~31:2020/06596 ~32:23/10/2020

2023/07008 ~ Complete ~54:COMPOSITIONS AND METHODS FOR TREATING HEREDITARY ANGIOEDEMA ~71:Spark Therapeutics, Inc., 3737 Market Street, Suite 1300, PHILADELPHIA 19104, PA, USA, United States of America ~72: ARMOUR, Sean;COHEN, Daniel;IOELE, Stephen;PANKOWICZ, Francis;PRESTON, Michael;QUINN III, William John;RILING, Christopher;SEE, Zhenwei Kelvin~ 33:US ~31:63/142,121 ~32:27/01/2021;33:US ~31:63/201,466 ~32:30/04/2021;33:US ~31:63/261,603 ~32:24/09/2021

2023/07010 ~ Complete ~54:CRAFTING APPARATUS ~71:Cricut, Inc., 10855 S. River Front Parkway, Suite 300, SOUTH JORDAN 84095-5929, UT, USA, United States of America ~72: BIHLMAIER, Bryan Fred;CHRISTENSEN, John Barrus;DALTON, John Douglas;FILLEUL, Bayden;JOHNSON, Kyle Kenneth;LYNCH,

James;NOBLE, Ryun Bates;STALSBERG, Kurt;STEVENSON, Norman;STOPP, Grayson;SUTTON, Donald Christopher~ 33:US ~31:63/142,488 ~32:27/01/2021

2023/06993 ~ Complete ~54:METHODS FOR THE TREATMENT OF GPP ~71:BOEHRINGER INGELHEIM INTERNATIONAL GMBH, Binger Strasse 173, Germany ~72: HALL, David, B.;LANG, Benjamin;THOMA, Christian~ 33:US ~31:63/156,600 ~32:04/03/2021;33:US ~31:63/178,007 ~32:22/04/2021;33:US ~31:63/237,672 ~32:27/08/2021;33:US ~31:63/287,150 ~32:08/12/2021

2023/06996 ~ Complete ~54:AN APPARATUS FOR ACTIVATING A CARTRIDGE COMPRISING A MULTI-COMPONENT MATERIAL AND/OR FOR MIXING BY VIBRATION SAID CARTRIDGE ~71:SEPTODONT OU SEPTODONT SAS OU SPÉCIALITÉS SEPTODONT, 58 rue du pont de Créteil, 94100 Saint-Maur-des-Fossés, France ~72: CLÉMENCE CO;GILLES RICHARD;MICKAËL DESCHEPPER;OLIVIER MARIE~ 33:EP ~31:21305074.3 ~32:21/01/2021

2023/07000 ~ Complete ~54:COMPOSITION ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: CARSTEN SCHAEFER;FELIX FLORIAN HÖVELMANN;JAN DIEDERICHS;KEVIN JAMES MUTCH;MATTHEW LLOYD PARRY;PETER JOSEF HALLIER;STEPHEN NORMAN BATCHELOR;XIAOQIANG GUO~ 33:EP ~31:21171406.8 ~32:30/04/2021

2023/07005 ~ Complete ~54:FIMH MUTANTS, COMPOSITIONS THEREWITH AND USE THEREOF ~71:Janssen Pharmaceuticals, Inc., 1125 Trenton-Harbourton Road, TITUSVILLE 08560, NJ, USA, United States of America ~72: FAE, Kellen Cristhina;FEITSMA, Louris Jakob;GEURTSEN, Jeroen;GRIJPSTRA, Jan;WEERDENBURG, Eveline Marleen~ 33:EP ~31:21151126.6 ~32:12/01/2021

2023/07009 ~ Complete ~54:COMPOSITIONS AND METHODS FOR TREATING FABRY DISEASE ~71:Spark Therapeutics, Inc., 3737 Market Street, Suite 1300, PHILADELPHIA 19104, PA, USA, United States of America ~72: ARMOUR, Sean;COHEN, Daniel;RILING, Christopher~ 33:US ~31:63/137,235 ~32:14/01/2021;33:US ~31:63/264,356 ~32:19/11/2021

2023/07013 ~ Complete ~54:SALT FORM OF ISOQUINOLINONE TYPE COMPOUND AS ROCK INHIBITOR AND PREPARATION METHOD THEREFOR ~71:GUANGZHOU OCUSUN OPHTHALMIC BIOTECHNOLOGY CO., LTD., Room 402, No. 223 West Huanshi Road, Nansha District, Guangzhou, People's Republic of China;OCUSUN OPHTHALMIC PHARMACEUTICAL (GUANGZHOU) CO., LTD., Floor 1-3, Block A, Building 203, Tongfa Road 2, Wanqingsha Town, Nansha District, Guangzhou, People's Republic of China ~72: CHEN, Shuhui;GE, Jian;LIU, Yizhi;WANG, Yandong;WU, Lingyun;XIAO, Zheming;YOU, Xu~ 33:CN ~31:202011521011.6 ~32:21/12/2020

2023/06984 ~ Complete ~54:METHOD FOR IMPROVING UNBAGGING SURVIVAL RATE OF GRAFTED SEEDLINGS OF CITRUS HYBRIDS ~71:Citrus Research Institute of Zhejiang Province, No. 11 Daqiao Road, Huangyan District, Taizhou City, Zhejiang Province, People's Republic of China ~72: HUANG Xiu;KE Fuzhi;NIE Zhenpeng;SUN Lifang;WANG Luoyun;XU Jianguo~

2023/06985 ~ Complete ~54:CERAMIC INJECTION PROCESS FOR MANUFACTURING SPRAY NOZZLES USING THE WATER STOP TECHNIQUE ~71:SPRAYING SYSTEMS DO BRASIL LTDA, Estrada Particular Yae Massumoto, 313 Cooperativa, São Bernardo do Campo - SP, 09842-160, Brazil ~72: EDSON FRANCELIN RIBEIRO DA ROCHA~ 33:BR ~31:P 1020220138109 ~32:12/07/2022

2023/06989 ~ Complete ~54:GROUTING METHOD FOR PAVEMENT CRACKS ~71:HENAN PROVINCIAL COMMUNICATIONS PLANNING&DESIGN INSTITUTE CO., LTD., No.9 Zeyu Street, Zhengdong New District, Zhengzhou, Henan Province, 450000, People's Republic of China ~72: DONG, Lipeng;FENG, Luqing;HAO, Menghui;JIANG, Yichuan;KANG, Cunli;LI, Liyuan;LIU, Na;ZHANG, Hao;ZHENG, Yakun~

2023/06975 ~ Provisional ~54:4 WAY STRAP GUIDE MECHANISM ~71:MUHAMMAD EBRAHIM, 7 CARRIAGE CLOSE; CROWN EXT.7, South Africa ~72: MUHAMMAD EBRAHIM~

2023/06978 ~ Provisional ~54:LUGGAGE VEST ~71:MUHAMMAD EBRAHIM, 7 CARRIAGE CLOSE; CROWN EXT.7, South Africa ~72: MUHAMMAD EBRAHIM~

2023/06994 ~ Complete ~54:GLXR PROTEIN VARIANT OR THREONINE PRODUCTION METHOD USING SAME ~71:CJ CHEILJEDANG CORPORATION, 330, Dongho-ro, Jung-gu, Seoul, 04560, Republic of Korea ~72: JIHYUN SHIM;KWANG WOO LEE;SU YON KWON;YEE-SEUL SO~ 33:KR ~31:10-2021-0003609 ~32:11/01/2021

2023/06997 ~ Complete ~54:COMPOSITIONS AND METHODS ~71:CHAIN BIOTECHNOLOGY LIMITED, James Cowper LLP 2 Chawley Park Cumnor Hill, Oxford, OX2 9GG, United Kingdom ~72: BENJAMIN MICHAEL BRADLEY;EDWARD GREEN;RICHARD MARK EDWARDS;SHISONG JIANG~ 33:GB ~31:2019767.9 ~32:15/12/2020

2023/07004 ~ Complete ~54:METHOD TO ROAST COFFEE BEANS ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: BAEKELANDT, Maxime;CELIS, Michiel Alexander;DEGREEF, Thomas Rudi S.;DUBIEF, Flavien Florent;LEMMENS, Rien Denise M.;MOREND, Joël~ 33:EP ~31:20215329.2 ~32:18/12/2020

2023/07007 ~ Complete ~54:FISCHER-TROPSCH PROCESSES WITH MODIFIED PRODUCT SELECTIVITY ~71:BP p.l.c., 1 St. James's Square, LONDON SW1Y 4PD, UNITED KINGDOM, United Kingdom ~72: PATERSON, Alexander James~ 33:EP ~31:20215789.7 ~32:18/12/2020

2023/07011 ~ Complete ~54:POWER CONVERTER SYSTEMS FOR ELECTROLYSIS STACKS ~71:DynElectro ApS, Gadstrup Mosevej 21, GADSTRUP 4621, DENMARK, Denmark ~72: HØJGAARD JENSEN, Søren;MUNK NIELSEN, Stig;SCHALTZ, Erik~ 33:EP ~31:21151151.4 ~32:12/01/2021

2023/06998 ~ Complete ~54:COMPOSITION ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: CARSTEN SCHAEFER;FELIX FLORIAN HÖVELMANN;JAN DIEDERICHS;JULIE BENNETT;KEVIN JAMES MUTCH;PETER JOSEF HALLIER;STEPHEN NORMAN BATCHELOR;XIAOQIANG GUO~ 33:EP ~31:21171400.1 ~32:30/04/2021

2023/07003 ~ Complete ~54:METHOD TO ROAST COFFEE BEANS ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: BAEKELANDT, Maxime;CELIS, Michiel Alexander;DEGREEF, Thomas Rudi S.;DUBIEF, Flavien Florent;LEMMENS, Rien Denise M.;MOREND, Joël~ 33:EP ~31:20215341.7 ~32:18/12/2020

2023/07006 ~ Complete ~54:PROCESSES FOR FISCHER-TROPSCH SYNTHESIS ~71:BP p.l.c., 1 St. James's Square, LONDON SW1Y 4PD, UNITED KINGDOM, United Kingdom ~72: PATERSON, Alexander James~ 33:EP ~31:20216752.4 ~32:22/12/2020

2023/07012 ~ Complete ~54:EPICHLOË ENDOPHYTE ~71:GRASSLANZ TECHNOLOGY LIMITED, Lincoln Research Centre 1365 Springs Road Lincoln, New Zealand ~72: HUME, David Edward;MACE, Wade Jeffray;POPAY, Alison Jean;STEWART, Alan Vincent~ 33:NZ ~31:771857 ~32:19/01/2021

2023/07014 ~ Complete ~54:PHARMACEUTICAL COMBINATIONS OF SOS1 INHIBITORS FOR TREATING AND/OR PREVENTING CANCER ~71:LUPIN LIMITED, Kalpataru Inspire, 3rd Floor, Off Western Express Highway, India ~72: BHONDE, Mandar Ramesh;KAMBOJ, Rajender Kumar;PALLE, Venkata P.;PATRA, Sukanya~ 33:IN ~31:202121002487 ~32:19/01/2021

. - APPLIED ON 2023/07/12 -

2023/07031 ~ Complete ~54:ANTI-DLL3 ANTIBODY-DRUG CONJUGATE ~71:DAIICHI SANKYO COMPANY, LIMITED, 3-5-1, Nihonbashi Honcho Chuo-ku, Tokyo, 103-8426, Japan;MEMORIAL SLOAN KETTERING CANCER CENTER, 1275 York Avenue, New York, New York, 10065, United States of America;TRI-INSTITUTIONAL THERAPEUTICS DISCOVERY INSTITUTE, 413 East 69th Street, Box 300, New York, New York, 10021, United States of America ~72: ABDUL KHAN;CHARLES RUDIN;DAVID ANDREW;HIRONORI MATSUNAGA;IVO LORENZ;JASON LEWIS;JOHN T POIRIER;XINLEI CHEN~ 33:US ~31:63/136,938 ~32:13/01/2021

2023/07017 ~ Complete ~54:QUANTITATION AND MODELING OF QUALITY ATTRIBUTES OF THERAPEUTIC MONOCLONAL ANTIBODIES ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: HUANG, Yu;XU, Xiaobin~ 33:US ~31:62/625,219 ~32:01/02/2018

2023/07016 ~ Complete ~54:A WATER HEATER PROTECTION SYSTEM ~71:CATHTECT ENGINEERING (PTY) LTD., 27 Yaron Avenue, Leaglen, ROODEPOORT 1710, Gauteng, SOUTH AFRICA, South Africa ~72: RAATH, David John~ 33:ZA ~31:2022/07685 ~32:12/07/2022

2023/07018 ~ Complete ~54:FUSARIUM AVENACEUM AND APPLICATION IN WEEDING ~71:Qinghai Academy of Agriculture and Forestry Sciences, No.253 Ningda Road, Chengbei District, Xi’ning City, Qinghai Province, 810016, People's Republic of China ~72: CHENG Liang;MA Yongqiang;ZHU Haixia~

2023/07024 ~ Complete ~54:METHODS AND APPARATUSES FOR PROCESSING POULTRY LITTER ~71:DVO LICENSING INC., 820 WEST MAIN STREET, CHILTON, WI 53014, USA, United States of America ~72: DVORAK, Stephen, W.;VANORNUM, Doug~ 33:US ~31:63/125,706 ~32:15/12/2020

2023/07041 ~ Complete ~54:METHODS AND SYSTEMS FOR EFFICIENT UPLINK (UL) SYNCHRONIZATION MAINTENANCE WITH A DEACTIVATED SECONDARY CELL GROUP (SCG) ~71:InterDigital Patent Holdings, Inc., 200 Bellevue Parkway, Suite 300, WILMINGTON 19809, DE, USA, United States of America ~72: COMSA, Virgil;DEENOO, Yugeswar;FREDA, Martino;TEYEB, Oumer~ 33:US ~31:63/136,531 ~32:12/01/2021

2023/07023 ~ Complete ~54:A WALKING AID FOR MEDICINE REHABILITATION OF JOINT MOVEMENTS ~71:Xinyu University, No.2666, Yangguang Avenue, Yushui Hi-Tech Zone, Yushui District, Xinyu City, Jiangxi Province, 338004, People's Republic of China ~72: Qi LI~ 33:CN ~31:202210834577.7 ~32:14/07/2022

2023/07025 ~ Complete ~54:COMPOSITIONS FOR TARGETING RECEPTOR FOR ADVANCED GLYCATION END-PRODUCTS (RAGE) IN A CHRONIC INFLAMMATORY CONDITION ~71:SAMI-SABINSA GROUP LIMITED, 19/1 & 19/2, I MAIN, II PHASE, PEENYA INDUSTRIAL AREA, KARNATAKA, BANGALORE 560058, INDIA, India ~72: MAJEED, Muhammed;MUNDKUR, Lakshmi;NAGABHUSHANAM, Kalyanam~ 33:US ~31:63/126,920 ~32:17/12/2020

2023/07032 ~ Complete ~54:ANTIBODY-PYRROLOBENZODIAZEPINE DERIVATIVE CONJUGATE ~71:DAIICHI SANKYO COMPANY, LIMITED, 3-5-1, Nihonbashi Honcho Chuo-ku, Tokyo, 103-8426, Japan;MEMORIAL SLOAN KETTERING CANCER CENTER, 1275 York Avenue, New York, New York, 10065, United States of America;TRI-INSTITUTIONAL THERAPEUTICS DISCOVERY INSTITUTE, 413 East 69th Street, Box 300, New York, New York, 10021, United States of America ~72: ABDUL KHAN;CHARLES RUDIN;DAVID ANDREW;HIRONORI MATSUNAGA;IVO LORENZ;JASON LEWIS;JOHN T POIRIER;XINLEI CHEN~ 33:US ~31:63/136,928 ~32:13/01/2021

2023/07043 ~ Complete ~54:SECURITY METHOD AND SYSTEM FOR RECEIVING AND VIEWING MEDIA ~71:RANDOLPH, Devin, 536 Arbors Circle Gahanna,, United States of America ~72: RANDOLPH, Devin~ 33:US ~31:63/124,750 ~32:12/12/2020

2023/07039 ~ Complete ~54:A DRIED AEROSOL-GENERATING MATERIAL AND USES THEREOF ~71:Nicoventures Trading Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: MARTIN, Stuart~ 33:GB ~31:2101230.7 ~32:29/01/2021

2023/07015 ~ Provisional ~54:A MODIFIED TAIL PIECE ~71:LINCOR HOLDINGS (PTY) LTD, 69 Old Main Rd (Lot 172), Opposite Pot & Kettle, South Africa ~72: TURK, Timothy David~

2023/07019 ~ Complete ~54:INTELLIGENT HYPERTENSION DETECTION DEVICE ~71:AFFILIATED HOSPITAL OF SHANDONG UNIVERSITY OF TRADITIONAL CHINESE MEDICINE, No. 16369, Jingshi Road, Lixia District, Jinan City, Shandong Province, 250002, People's Republic of China ~72: JIANG, Feng;LI, Yunlun;WANG, Youhui;XIN, Laiyun~

2023/07034 ~ Complete ~54:METHOD FOR CONTROLLING WEEDS ~71:Kumiai Chemical Industry Co., Ltd., 4-26, Ikenohata 1-chome, Taito-ku, TOKYO 1108782, JAPAN, Japan ~72: ITAYA , Daigo~ 33:JP ~31:2021-006180 ~32:19/01/2021

2023/07036 ~ Complete ~54:COUPLING FOR CONNECTING DOWNHOLE TUBULARS WITH REDUCED STRESS ~71:Sandvik Mining and Construction Tools AB, SANDVIKEN 81181, SWEDEN, Sweden ~72: JANSSON, Tomas;NORDBERG, Anders~ 33:EP ~31:21159721.6 ~32:26/02/2021

2023/07037 ~ Complete ~54:SYSTEM AND METHOD FOR DISTRIBUTING LOADS IN A METAL FURNACE ~71:Tecnored Desenvolvimento Tecnologico S.A., Rua Marechal Deodoro nº 18, salas 05 e 06, PINDAMONHANGABA, SP 12401-010, BRAZIL, Brazil ~72: ALBERTO, Sandro Lopes;DE OLIVEIRA, Ronald Lopes;FRÓIS, Fabrício Tinôco;MAIA, Luciano Augusto Morais~ 33:BR ~31:102021000742-7 ~32:15/01/2021

2023/07040 ~ Complete ~54:ELECTRODES FOR ALKALINE IRON BATTERIES ~71:Form Energy, Inc., 30 Dane Street, SOMERVILLE 02143, MA, USA, United States of America ~72: CHAKRABORTY, Rupak;MCHARDY, Lang J.;THOMPSON, Annelise Christine;YANG, Chenguang~ 33:US ~31:63/136,746 ~32:13/01/2021

2023/07042 ~ Complete ~54:METHODS FOR CLASSIFYING A SAMPLE INTO CLINICALLY RELEVANT CATEGORIES ~71:MEDICOVER BIOTECH LTD, 31, Neas Engomis street, Cyprus ~72: ACHILLEOS, Acilleas;ELIADES, Alexia;IOANNIDES, Marios;KOUMBARIS, George;KYPRI, Elena;LOIZIDES, Charalambos;PATSALIS, Philippos;TSANGARAS, Kyriakos~ 33:EP ~31:20215773.1 ~32:18/12/2020

2023/07026 ~ Complete ~54:USE AS SELECTIVE AGONIST OF MELANOCORTIN-4 RECEPTOR ~71:LG CHEM, LTD., 128, YEOUI-DAERO, YEONGDEUNGPO-GU, SEOUL 07336, REPUBLIC OF KOREA, Republic of Korea ~72: AHN, Hye Won;PARK, Hee Dong;PARK, Hyun Seo;PARK, Jin Sook;YEO, Su Jin~ 33:KR ~31:10-2020-0180505 ~32:22/12/2020

2023/07027 ~ Complete ~54:CUTTING TOOL FOR GANG SAW ~71:EHWA DIAMOND IND. CO., LTD., 374 NAMBU-DAERO, OSAN-SI, GYEONGGI-DO 18145, REPUBLIC OF KOREA, Republic of Korea ~72: KIM, Doo-Hoe;KIM, Nam-Kwang;PARK, Hee-Dong;RHEE, Dae-Yeon~ 33:KR ~31:10-2020-0182560 ~32:23/12/2020

2023/07029 ~ Complete ~54:COMMUNICATION APPARATUSES AND COMMUNICATION METHODS FOR OPERATING IN A POWER SAVING STATE ~71:PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, 2050 W 190TH STREET SUITE 450, TORRANCE, CA90504, USA, United States of America ~72:

KANG, Yang;SIM, Hong Cheng, Michael;SUZUKI, Hidetoshi;TRAN, Xuan Tuong~ 33:SG ~31:10202100539Y ~32:18/01/2021;33:SG ~31:10202103195T ~32:29/03/2021

2023/07035 ~ Complete ~54:APPARATUS AND METHOD FOR EXAMINING CONTAINERS FOR IMPURITIES ~71:Unisensor Sensorsysteme GmbH, Am Sandfeld 11, KARLSRUHE 76149, GERMANY, Germany ~72: BOHLEBER, Juergen;FEY, Dirk;VOLLMER, Marc~ 33:DE ~31:10 2020 215 850.9 ~32:14/12/2020

2023/07038 ~ Complete ~54:SYSTEMS AND METHODS FOR YAW-TORQUE REDUCTION ON A MULTI-ROTOR AIRCRAFT ~71:California Institute of Technology, 1200 E. California Boulevard, MIC 6-32, PASADENA 91125, CA, USA, United States of America;Toofon, Inc., 556 S. Fair Oaks Avenue, Suite 101-164, PASADENA 91105, CA, USA, United States of America ~72: EMADI, Amir;GHARIB, Morteza;OL, Michael V.~ 33:US ~31:63/139,221 ~32:19/01/2021

2023/07030 ~ Complete ~54:METHODS FOR CLASSIFYING A SAMPLE INTO CLINICALLY RELEVANT CATEGORIES ~71:MEDICOVER BIOTECH LTD, 31, Neas Engomis street, Cyprus ~72: ACHILLEOS, Achilleas;ELIADES, Alexia;IOANNIDES, Marios;KOUMBARIS, George;KYPRI, Elena;LOIZIDES, Charalambos;PATSALIS, Philippos;TSANGARAS, Kyriakos~ 33:EP ~31:20215730.1 ~32:18/12/2020

2023/07074 ~ Provisional ~54:SHAGGY WET SHAVING DEVICE ~71:ANTHONY EDWARD EVANS, 503 THE BELMONT, HOLMFIRTH RD,, South Africa ~72: ANTHONY EDWARD EVANS~

2023/07028 ~ Complete ~54:COMPOSITIONS FOR EFFECTIVE MANAGEMENT OF FIBROBLAST- LIKE SYNOVIOCYTES MEDIATED RHEUMATOID ARTHRITIS ~71:SAMI-SABINSA GROUP LIMITED, 19/1 & 19/2, I MAIN, II PHASE, PEENYA INDUSTRIAL AREA, KARNATAKA, BANGALORE 560058, INDIA, India ~72: MAJEED, Muhammed;MUNDKUR, Lakshmi;NAGABHUSHANAM, Kalyanam~ 33:US ~31:63/126,920 ~32:17/12/2020

2023/07020 ~ Complete ~54:SELECTIVE CDK4/6 INHIBITOR CANCER THERAPEUTICS ~71:LUNELLA BIOTECH, INC., 145 Richmond Road, Ottawa, Ontario, K1Z 1A1, Canada ~72: FEDERICA SOTGIA;JUSSI KANGASMETSA;LUMA G MAGALHÃES;MICHAEL P LISANTI~ 33:US ~31:62/948,498 ~32:16/12/2019;33:US ~31:62/966,834 ~32:28/01/2020

2023/07021 ~ Complete ~54:SELECTIVE CDK4/6 INHIBITOR CANCER THERAPEUTICS ~71:LUNELLA BIOTECH, INC., 145 Richmond Road, Ottawa, Ontario, K1Z 1A1, Canada ~72: FEDERICA SOTGIA;JUSSI KANGASMETSA;LUMA G MAGALHÃES;MICHAEL P LISANTI~ 33:US ~31:62/948,498 ~32:16/12/2019;33:US ~31:62/966,834 ~32:28/01/2020

2023/07022 ~ Complete ~54:IMPACT-RESISTANT CEMENTED CARBIDE HEXAHEDRAL ANVIL AND PREPARATION METHOD AND USE THEREOF ~71:ZHUZHOU CEMENTED CARBIDE GROUP CO., LTD., 288 Diamond Road, Hetang District, People's Republic of China ~72: HE, Jikun;KONG, Defang;YAO, Xiongzhi;ZHAO, Haolin~ 33:CN ~31:202210822661.7 ~32:12/07/2022

2023/07033 ~ Complete ~54:METHOD FOR CONTROLLING WEEDS ~71:Kumiai Chemical Industry Co., Ltd., 4-26, Ikenohata 1-chome, Taito-ku, TOKYO 1108782, JAPAN, Japan ~72: ITAYA , Daigo~ 33:JP ~31:2021-006181 ~32:19/01/2021

. - APPLIED ON 2023/07/13 -

2023/07046 ~ Complete ~54:SYPHILIS DIAGNOSIS AND THERAPEUTIC EFFECT EVALUATION KIT ~71:DERMATOLOGY HOSPITAL , SOUTHERN MEDICAL UNIVERSITY (GUANGDONG PROVINCIAL DERMATOLOGY HOSPITAL , GUANGDONG PROVINCIAL CENTER FOR STI & SKIN DISEASES

CONTROL AND PREVENTION , RESEARCH CENTER FOR LEPROSY CONTROL AND PREVENTION , CHINA), No.2 Lujing Road, Guangzhou, Guangdong, 510091, People's Republic of China ~72: AO, Cailing;HUANG, Lixia;HUANG, Nanxuan;KE, Wujian;LENG, Xinying;WU, Jiaxin;ZHU, Rui~ 33:CN ~31:2023108220282 ~32:06/07/2023

2023/07050 ~ Complete ~54:A TYPE OF ARC-STRUCTURE PLASTERING AND MOLDING EFFECT CONTROLLER ~71:CHINA CONSTRUCTION FIFTH ENGINEERING BUREAU CO., LTD., No.158 Zhongyi 1st Road, Yuhua District, Changsha, Hunan Province, 410000, People's Republic of China ~72: AO, Xianping;HE, Xiaochuan;LIU, Ping;YAN, Xiang;YANG, Shuai~

2023/07053 ~ Complete ~54:DIHYDROFUROPYRIDINE DERIVATIVES AS RHO- KINASE INHIBITORS ~71:CHIESI FARMACEUTICI S.P.A., Via Palermo, 26/A, 43122, Parma, Italy ~72: ADELE ELISA PASQUA;ALESSANDRO ACCETTA;ANNA MARIA CAPELLI;ARNAUD JEAN FRAN?OIS AUGUSTE CHEGUILLAUME;CHRISTINE EDWARDS;DANIELE PALA;DAVID EDWARD CLARK;FABIO RANCATI;PRASHANT BHIMRAO KAPADNIS~ 33:EP ~31:20214144.6 ~32:15/12/2020

2023/07058 ~ Complete ~54:HINGE STRUCTURE AND ELECTRONIC DEVICE COMPRISING SAME ~71:SAMSUNG ELECTRONICS CO., LTD., 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea ~72: YONGHWA HAN~ 33:KR ~31:10-2021-0013653 ~32:29/01/2021;33:KR ~31:10-2021-0034842 ~32:17/03/2021

2023/07060 ~ Complete ~54:MULTISPECIFIC ANTIBODIES HAVING SPECIFICITY FOR ROR1 AND CD3 ~71:NUMAB THERAPEUTICS AG, Bachtobelstrasse 5, Switzerland ~72: BROCK, Matthias;CHATTERJEE, Bithi;GUNDE, Tea;HESS, Christian;JOHANSSON, Maria;SIMONIN, Alexandre;SNELL, Daniel;SPIGA, Fabio Mario;TIETZ, Julia;WARMUTH, Stefan~ 33:EP ~31:21154786.4 ~32:02/02/2021;33:EP ~31:PCT/EP2021/087618 ~32:23/12/2021

2023/07045 ~ Provisional ~54:WATER SPOUT APPARATUS ~71:LINCOR HOLDINGS (PTY) LTD, 69 Old Main Rd (Lot 172), Opposite Pot & Kettle, South Africa ~72: TURK, Timothy David~

2023/07044 ~ Provisional ~54:A DRYING SYSTEM ~71:BURGER, Francois, Daniël, 5 HADRIAN PLACE, EMPERORS' ESTATE, MORELETA PARK, PRETORIA, South Africa ~72: BURGER, Francois, Daniël~

2023/07048 ~ Complete ~54:COOLING TOWER STEAM CONDENSATION RECOVERY DEVICE FOR REFRIGERATION USING INDUSTRIAL LOW-TEMPERATURE WASTE HEAT ~71:North China University of Water Resources and Electric Power, No. 36, North Ring Road, Zhengzhou City, Henan Province, 450045, People's Republic of China;Shandong Lanxiang Environmental Technology Co., Ltd., No. 99, Hengshan Street, Economic Development Zone, Anqiu City, Weifang City, Shandong Province, 262100, People's Republic of China;Shandong University, No. 72, Binhai Road, Jimo District, Qingdao City, Shandong Province, 266200, People's Republic of China ~72: CHEN, Gang;GAO, Ming;GAO, Yanshang;GUO, Shuai;GUO, Xinwei;LI, Long;SHI, Ke;WANG, Jie;WANG, Mingyong;WANG, Weishu;XU, Weihui;ZHANG, Mengyao~

2023/07052 ~ Complete ~54:A STRUCTURE FOR PIPELINE PENETRATING SLEEVE AND CONSTRUCTION PROCESS THEREOF ~71:CHINA RAILWAY FIRST GROUP CO., LTD., No. 1, Yanta North Road, Beilin District, Xi 'an, Shaanxi Province, 710054, People's Republic of China;CHINA RAILWAY FIRST GROUP MUNICIPAL & ENVIRONMENTAL PROTECTION ENGINEERING CO., LTD, No. 168 Renjiazhuang, Qilihe District, Lanzhou, Gansu Province, 730050, People's Republic of China ~72: FENG, Xu;LI, Zhenghua;MA, Bin;NIU, Chao;PAN, Xinfeng;WANG, Peijun;ZHU, Yingying~ 33:CN ~31:2023107068292 ~32:14/06/2023

2023/07054 ~ Complete ~54:WHITE TOP KRAFTLINER PAPER, METHOD FOR PRODUCING SAID PAPER, USE OF THE PAPER AND PACKAGING ~71:KLABIN S.A., Avenida Brigadeiro Faria Lima, 3600, 3, 4 e 5 andar, Itaim Bibi, São Paulo, 04538-132, Brazil ~72: JULIANA CRISTINA DA SILVA;OSVALDO VIEIRA;RICARDO SILVA FRANCO DA QUINTA;VITOR BARRETO CABRAL~ 33:BR ~31:BR 10 2021 001514 4 ~32:27/01/2021

2023/07056 ~ Complete ~54:A NICOTINE DELIVERY DEVICE ~71:SHAHEEN INNOVATIONS HOLDING LIMITED, Unit 2, Level 7, Al Sila Tower, Abu Dhabi Global Market Square, Al Maryah Island, Abu Dhabi, United Arab Emirates ~72: CLEMENT LAMOUREUX;IMAD LAHOUD;JEFF MACHOVEC;MOHAMMED ALSHAIBA SALEH GHANNAM ALMAZROUEI;SAJID BHATTI~ 33:US ~31:17/122,025 ~32:15/12/2020;33:US ~31:17/220,189 ~32:01/04/2021

2023/07063 ~ Complete ~54:COMPOSITION FOR LIGHTENING KERATIN FIBRES AND PROCESS FOR LIGHTENING KERATIN FIBRES USING THIS COMPOSITION ~71:L'Oreal, 14, rue Royale, PARIS 75008, FRANCE, France ~72: BENNI, Rahma;BLAIS, Stéphane;SABELLE, Stéphane~ 33:FR ~31:2013723 ~32:18/12/2020

2023/07071 ~ Complete ~54:SECURITY POLICY PROCESSING METHOD AND COMMUNICATION 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: HU, Li;WU, Rong~ 33:CN ~31:202110027552.1 ~32:10/01/2021

2023/07059 ~ Complete ~54:CONVERSION OF WASTE PLASTICS TO PETROCHEMICALS ~71:LUMMUS TECHNOLOGY LLC, 5825 North Sam Houston Parkway West, Suite 600, United States of America ~72: CHAKRABORTY, Sudipto;COMBS, Johnny Doyle;FERNALD, Daniel T.;GUYMON, David Lee;HERBANEK, Ron;JIBB, Richard John;LINDSEY, Boddie Lynn~ 33:US ~31:63/138,233 ~32:15/01/2021

2023/07064 ~ Complete ~54:PROCESS FOR LIGHTENING KERATIN FIBRES ~71:L'oreal, 14, rue Royale, PARIS 75008, FRANCE, France ~72: BENNI, Rahma;BLAIS, Stéphane;SABELLE, Stéphane~ 33:FR ~31:2013722 ~32:18/12/2020

2023/07066 ~ Complete ~54:TYROSINASE-INHIBITING MOLECULES AND DERMOPHARMACEUTICAL COMPOSITION THAT INCLUDES THEM ~71:mesoestetic Pharma Group, S.L, Carrer de la Tecnología, 25, VILADECANS (BARCELONA) 08840, SPAIN, Spain ~72: BERTRAN JUNQUÉ, Alexandra;GONZÁLEZ RODRÍGUEZ, María del Carmen;LUIS GARCÍA, Luís Shotze;MARTÍNEZ GUTIÉRREZ, Alfredo;PASCUAL DEL PRADO, Sergio~

2023/07075 ~ Provisional ~54:THE BATTERY CHANGING STATION ~71:Khauhelo Vusimuzi Mahlangu, Kingcup 210 Block D, Mabopane, Pretoria, South Africa ~72: Khauhelo Vusimuzi Mahlangu~

2023/07047 ~ Complete ~54:METHOD AND SYSTEM FOR ANALYZING INCREASE AND DECREASE OF LARGE EARTHQUAKE, AS WELL AS DEVICE AND MEDIUM ~71:Earthquake Agency of Ningxia Hui Autonomous Region, No. 45, Yinhu Lane, Hubin West Street, Yinchuan, Ningxia, 750001, People's Republic of China ~72: LI, Wenjun;LUO, Guofu;LUO, Hengzhi;YANG, Mingzhi~ 33:CN ~31:2023106186094 ~32:29/05/2023

2023/07065 ~ Complete ~54:PROCESS FOR LIGHTENING KERATIN FIBRES ~71:L'Oreal, 14, rue Royale, PARIS 75008, FRANCE, France ~72: BENNI, Rahma;BLAIS, Stéphane;SABELLE, Stéphane~ 33:FR ~31:2013722 ~32:18/12/2020;33:FR ~31:2013725 ~32:18/12/2020

2023/07069 ~ Complete ~54:PERISTALTIC PUMPS ~71:Hodges & Drake Design Ltd, 27 York Road, LEICESTER LE1 5TT, LEICESTERSHIRE, UNITED KINGDOM, United Kingdom ~72: HODGES, Kevin;SPATHAKY, Drew~ 33:GB ~31:2020577.9 ~32:24/12/2020

2023/07076 ~ Provisional ~54:ELECTRIC CAR WITH BATTERY PACKS ON THE SIDES ~71:Khauhelo Vusimuzi Mahlangu, Kingcup 210 Block D, Mabopane, Pretoria, South Africa ~72: Khauhelo Vusimuzi Mahlangu~

2023/07077 ~ Complete ~54:INHIBITORS OF ATP SYNTHASE-COSMETIC AND THERAPEUTIC USES ~71:Michael David Forrest, Flat 2, Alington House, Alington Road, Poole, Dorset,BH14 8LY, United States of America ~72: Michael David Forrest~

2023/07049 ~ Complete ~54:A CONSTRUCTION QUALITY MANAGEMENT SYSTEM ~71:CHINA RAILWAY FIRST GROUP BRIDGE ENGINEERING CO., LTD., No. 63 Xitong Road, Linwei District, Weinan, Shaanxi Province, 714000, People's Republic of China;CHINA RAILWAY FIRST GROUP CO., LTD, No. 1 Yanta North Road, Beilin District, Xi ‘an, Shaanxi Province, 710054, People's Republic of China;EIGHTH ENGINEERING COMPANY LTD.OF CHINA RAILWAY FIRST GROUP, 21-1, 21-2, No. 36 Zhouji Road, Xiantao Street, Yubei District, Chongqing, 401120, People's Republic of China ~72: BI, Zhanglong;CHEN, Qingyun;CHENG, Xiangyang;QIN, Xiaodong;SHEN, Jie;SHI, Zhongpan;TAO, Qianqian;XING, Liao;XU, Hong;XUAN, Xinpeng;YANG, Yanji;ZHANG, Guanjian;ZHAO, Bin;ZHUO, Lei~ 33:CN ~31:2023107544903 ~32:26/06/2023

2023/07070 ~ Complete ~54:BISPECIFIC ANTIBODIES WITH CHARGE PAIRS AND USES THEREOF ~71:Phanes Therapeutics, Inc., 11535 Sorrento Valley Road, Suite 400, SAN DIEGO 92121, CA, USA, United States of America ~72: JIA, Haiqun;LI, Jack Chongyang;WANG, Minghan;WU, Huiwen;ZOU, Hui~ 33:US ~31:63/146,334 ~32:05/02/2021;33:US ~31:63/260,463 ~32:20/08/2021

2023/07073 ~ Complete ~54:A CAMELLIA SINENSIS AND VITIS BASED COMPOSITION AND A PROCESS OF PREPARATION THEREOF ~71:WALTERS BAY HOLDINGS, LLC, 6500 River Place Blvd. Bldg. 5, Suite 205, Austin, United States of America ~72: UBEYRATNE, Himansi Shamilka;WIDYARATNE, Hasantha Sanjeewa~ 33:US ~31:63/125,016 ~32:14/12/2020

2023/07051 ~ Complete ~54:FRUIT AND VEGETABLE AQUEOUS EXTRACT, PREPARATION METHOD THEREFOR AND USE THEREOF ~71:JILIN MEDICAL UNIVERSITY, 5 Jilin Avenue, Jilin City, Jilin Province, 132013, People's Republic of China ~72: FU, Yu;GAO, He;GUO, Hongyan;LIU, Yi;MENG, Fanwei;XIU, Zhiming;YANG, Weilong;YU, Zibei;ZHANG, Qing;ZHAO, Shan~ 33:CN ~31:2023107525226 ~32:25/06/2023

2023/07055 ~ Complete ~54:ELECTRONIC DEVICE AND METHOD FOR CONTROLLING ELECTRONIC DEVICE ~71:SAMSUNG ELECTRONICS CO., LTD., 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea ~72: HEETAE KIM;MINSU KIM;SANGHYUN RYU;SOONGYU KWON~ 33:KR ~31:10-2021-0003479 ~32:11/01/2021;33:KR ~31:10-2021-0054543 ~32:27/04/2021

2023/07062 ~ Complete ~54:TRIGGER DISPENSING DEVICE WITH VALVE MEANS ~71:GUALA DISPENSING S.P.A., Zona industriale D/5 - Spinetta Marengo, Italy ~72: ALLUIGI, Riccardo~ 33:IT ~31:102021000003749 ~32:18/02/2021

2023/07067 ~ Complete ~54:COMPOSITIONS FOR REDUCING METHANE EMISSION, METHODS FOR IMPROVING THE METABOLIC EFFICIENCY OF RUMINANT ANIMALS AND METHANOGENESIS INHIBITOR ADMINISTRATION ~71:Mootral Innovations Limited, Units G-H, Roseheyworth Business Park, ABERTILLERY NP13 1SX, BLAENAU GWENT, UNITED KINGDOM, United Kingdom ~72: FENNESSY, Peter Francis;NEEF, Daniel Wilhelm~ 33:NZ ~31:771419 ~32:21/12/2020;33:NZ ~31:771420 ~32:21/12/2020

2023/07068 ~ Complete ~54:PASSIVE SAFETY SYSTEM FOR REACTOR ~71:Shanghai Nuclear Engineering Research & Design Institute Co., Ltd., No. 29 Hongcao Road, Xuhui District, SHANGHAI 200233, CHINA (P.R.C.), People's Republic of China ~72: CAO, Kemei;LIU, Di;LIU, Zhan;QI, Zhanfei;WANG, Haitao;YANG, Bo~ 33:CN ~31:202011551710.5 ~32:24/12/2020

2023/07072 ~ Complete ~54:AEROSOL PROVISION SYSTEM ~71:Nicoventures Trading Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: MOLONEY, Patrick~ 33:GB ~31:2100464.3 ~32:14/01/2021

2023/07057 ~ Complete ~54:MIST INHALER DEVICES ~71:SHAHEEN INNOVATIONS HOLDING LIMITED, Unit 2, Level 7, Al Sila Tower, Abu Dhabi Global Market Square, Al Maryah Island, Abu Dhabi, United Arab Emirates ~72: CLEMENT LAMOUREUX;IMAD LAHOUD;JEFF MACHOVEC;MOHAMMED ALSHAIBA SALEH GHANNAM ALMAZROUEI;SAJID BHATTI~ 33:US ~31:17/122,025 ~32:15/12/2020;33:US ~31:17/220,189 ~32:01/04/2021

2023/07061 ~ Complete ~54:THERAPEUTIC AND DIAGNOSTIC AGENTS AND USES THEREOF ~71:THELPER AS, Oslo Cancer Cluster Incubator, Norway ~72: VETVIK, Katja~ 33:GB ~31:2101228.1 ~32:29/01/2021

. - APPLIED ON 2023/07/14 -

2023/07080 ~ Complete ~54:A GROUP BEHAVIOR ANALYSIS SYSTEM ORIENTED TO ONLINE SOCIAL MEDIA ~71:Suzhou University, Education Park in Yongqiao District, Suzhou City, Anhui Province, 234000, People's Republic of China ~72: Zhiwei Zhang~

2023/07082 ~ Complete ~54:UNATTENDED SYSTEM FOR BELT CONVEYOR ~71:Tangshan Longsheng Electric Power Technology Co., Ltd., East Shahepu Village, Qishuzhuang Town, Fengrun District, Tangshan, Hebei Province, 063000, People's Republic of China ~72: HUO, Xiaolong~

2023/07084 ~ Complete ~54:METHOD FOR DETERMINING GEOLOGICAL TYPE ~71:Chinese Academy of Geological Sciences, No. 26 Baiwanzhuang Street, Xicheng District, Beijing, 100037, People's Republic of China;Key Laboratory of Coal Geophysics, Chinese Geophysical Society, No. 33699, Jingshi East Road, Licheng District, Jinan City, Shandong Province, 250104, People's Republic of China;Shandong Provincial Research Institute of Coal Geology Planning and Exploration, No. 33699, Jingshi East Road, Licheng District, Jinan City, Shandong Province, 250104, People's Republic of China ~72: GAO, Lei;LIANG, Feng;LIU, Xue;LU, Nan;SHEN, Lijun;SUN, Chao;WANG, Huaihong;XUE, Ronghui;ZHANG, Xinbin;ZHOU, Minglei;ZHU, Yuzhen~

2023/07087 ~ Complete ~54:CLOUD DATA CENTER DEVICE MANAGING SYSTEM ~71:Tianjin Vocational Institute, No. 2, Luohe Road, Beichen District, Tianjin, 300410, People's Republic of China ~72: WANG, Xiang~

2023/07090 ~ Complete ~54:DEVICE FOR INSPECTING STATE OF STUDENT IN CLASS ~71:Anhui Polytechnic University, No.8 Beijing Road Jiujiang District, Wuhu City, Anhui Province, People's Republic of China ~72: Ding Xiaoyu;Fei Xizhuo;Feng Mei;Gao Wengen;Ge Yuan;Hu Yaocong;Huang Yiqing;Li Lu;Liu Shilin;Lu Huacai;Wei Lisheng;Yuan Yiming~ 33:CN ~31:202310662091.4 ~32:06/06/2023

2023/07092 ~ Complete ~54:METHOD AND SYSTEM FOR INSPECTING ATTENTION IN CLASS ON THE BASIS OF LINE OF SIGHT OF HUMAN EYE ~71:Anhui Polytechnic University, No.8 Beijing Road Jiujiang District, Wuhu City, Anhui Province, People's Republic of China ~72: Ding Xiaoyu;Fei Xizhuo;Feng Mei;Gao Wengen;Ge Yuan;Hu Yaocong;Huang Yiqing;Li Lu;Liu Shilin;Lu Huacai;Wei Lisheng;Yuan Yiming~

2023/07094 ~ Complete ~54:METHOD AND SYSTEM FOR INSPECTING STATE IN CLASS ON THE BASIS OF EYE AND HEAD POSE ~71:Anhui Polytechnic University, No.8 Beijing Road Jiujiang District, Wuhu City, Anhui Province, People's Republic of China ~72: Ding Xiaoyu;Fei Xizhuo;Feng Mei;Gao Wengen;Ge Yuan;Hu Yaocong;Huang Yiqing;Li Lu;Liu Shilin;Lu Huacai;Wei Lisheng;Yuan Yiming;Zhang Yan~

2023/07095 ~ Complete ~54:SURFACE NANO-COATING MODIFIED FIBER AND METHOD FOR PREPARING SAME ~71:Anhui Polytechnic University, No.8 Beijing Road Jiujiang District, Wuhu City, Anhui Province, People's

Republic of China;Anhui Shangyuan Home Materials Co., Ltd., South of Weisan Road, East of Jingwu Road, Economic Development Zone, Mengcheng County, Bozhou City, Anhui Province, People's Republic of China ~72: Ruan Fangtao;Su Yongsheng;Wang Guofeng;Wang He;Wang Hongjie;Zou Lihua;Zuo Hongmei~

2023/07096 ~ Complete ~54:METHOD AND SYSTEM FOR SIMULTANEOUSLY PERFORMING FDD AND SLAM UNDER MOBILE ROBOT FAULT ~71:UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA, ZHONGSHAN INSTITUTE, No.1, Xueyuan Road, Shiqi District, Zhongshan, Guangdong, 528402, People's Republic of China ~72: DUAN, ZhuoHua~

2023/07100 ~ Complete ~54:ANTI-NECTIN-4 ANTIBODY EXATECAN CONJUGATES ~71:CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE – CNRS, 3, rue Michel Ange, France;EMERGENCE THERAPEUTICS AG, Schifferstrasse 210, Germany;INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), 101 rue de Tolbiac, France;INSTITUT JEAN PAOLI & IRENE CALMETTES, 232 Boulevard Sainte-Marguerite, France;UNIVERSITE D'AIX-MARSEILLE, 58 Boulevard Charles Livon, France ~72: Daniel OLIVE;Florence LHOSPPICE;Jack ELANDS;Marc LOPEZ;Xavier PRÉVILLE~ 33:EP ~31:21166441.2 ~32:31/03/2021;33:EP ~31:21170941.5 ~32:28/04/2021;33:EP ~31:21172723.5 ~32:07/05/2021;33:EP ~31:21209332.2 ~32:19/11/2021

2023/07102 ~ Complete ~54:IMPLANT ~71:SKULLE IMPLANTS OY, Lemminkäisenkatu 60, 20520, Turku, Finland ~72: PEKKA VALLITTU~ 33:EP ~31:21162550.4 ~32:15/03/2021

2023/07078 ~ Provisional ~54:GAS CYLINDER MANAGEMENT SYSTEM AND METHOD ~71:IGV SYSTEMS (PTY) LTD., 7 Platinum Street, Goedeburg, BENONI 1501, Gauteng, SOUTH AFRICA, South Africa ~72: STOLS, Andries Albertus;STOLS, Dijon~

2023/07085 ~ Complete ~54:METHOD AND SYSTEM FOR JOINT INVERSION OF VELOCITY STRUCTURE AND HYPOCENTER LOCATION, TERMINAL, AND READABLE STORAGE MEDIUM ~71:Chongqing GaoWei Smart Mining Co.,Ltd, No. 232-5-1, Songlin Village, Shapingba District, Chongqing, 400030, People's Republic of China;Chongqing University, 174 Shazheng Street, Shapingba District, Chongqing, 400044, People's Republic of China ~72: MIAO, Runxue;PU, Yuanyuan;SHANG, Xueyi;ZHOU, Lei~

2023/07105 ~ Complete ~54:METHODS AND AGENTS THAT STIMULATE MITOCHONDRIAL TURNOVER FOR TREATING DISEASE ~71:CAPACITY BIO, INC., 3175 Hanover St. Palo Alto, United States of America ~72: GAFFNEY, KEVIN JOHN;MARTORELL-RIERA, ALEJANDRO;WANG, AMY E.~ 33:US ~31:63/142,683 ~32:28/01/2021

2023/07113 ~ Complete ~54:ELECTRIC POWER GENERATOR CONTAINING AN ACTIVE ORGANIC MATERIAL ~71:Termo-ind SA, Corso S. Gottardo 72, CHIASSO 6830, SWITZERLAND, Switzerland ~72: MAGAGNIN, Luca;TIRELLA, Vincenzo~

2023/07115 ~ Complete ~54:PROTOCOL TO MINIMIZE CALCINEURIN INHIBITOR NEPHROTOXICITY ~71:Aurinia Pharmaceuticals Inc., 1203 – 4464 Markham Street, VICTORIA V8Z 7X8, BRITISH COLUMBIA, CANADA, Canada ~72: HUIZINGA, Robert B.;MARTIN, Michael;SOLOMONS, Neil~ 33:US ~31:63/138,325 ~32:15/01/2021;33:US ~31:63/245,779 ~32:17/09/2021;33:US ~31:63/246,765 ~32:21/09/2021

2023/07119 ~ Complete ~54:ADAPTIVE PHOTOVOLTAIC PANEL CLEANING DEVICE ~71:Huaneng Power International Inc. Dezhou Power Plant, No. 1868 Dongfeng West Road, Decheng District, Shandong Province, People's Republic of China ~72: Guo Xiaochen;Guo Zhongbo;Li Shan;Wang Yongshun~ 33:CN ~31:2023103885025 ~32:12/04/2023

2023/07079 ~ Provisional ~54:METHOD OF NOTIFYING THE OCCURRENCE OF A TRANSACTION ~71:EMMANUEL MOKUTU, 1046 MOEFI STREET, MAPETLA, South Africa ~72: EMMANUEL MOKUTU~

2023/07088 ~ Complete ~54:ASPIRATOR FOR LAPAROSCOPY ~71:ZHENGZHOU UNIVERSITY OF INDUSTRIAL TECHNOLOGY, XINZHENG HIGH-TECH DEVELOPMENT ZONE, People's Republic of China ~72: LIANG, Shasha;SUN, Lipeng;YIN, Ning~

2023/07093 ~ Complete ~54:INTERACTIVE VISUALIZATION BUILDING METHOD FOR RULE ENGINE AND COMPUTER-READABLE MEDIUM ~71:COSCO SHIPPING TECHNOLOGY (BEIJING) CO., LTD., Room 15A, Block F, Fuhua Building, No. 8 Chaoyangmen North Street, Dongcheng District, Beijing, People's Republic of China ~72: LIU, Peng;ZHAN, Haolin;ZHANG, Kai~ 33:CN ~31:202310739650.7 ~32:21/06/2023

2023/07097 ~ Complete ~54:ANTI-NECTIN-4-ANTIBODIES AND USES THEREOF ~71:CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE – CNRS, 3, rue Michel Ange, France;EMERGENCE THERAPEUTICS AG, Schifferstrasse 210, Germany;INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), 101 rue de Tolbiac, France;INSTITUT JEAN PAOLI & IRENE CALMETTES, 232 Boulevard Sainte-Marguerite, France;UNIVERSITE D'AIX-MARSEILLE, 58 Boulevard Charles Livon, France ~72: Daniel OLIVE;Florence LHOSPPICE;Jack ELANDS;Marc LOPEZ;Xavier PRÉVILLE~ 33:EP ~31:21166441.2 ~32:31/03/2021;33:EP ~31:21170941.5 ~32:28/04/2021;33:EP ~31:21172723.5 ~32:07/05/2021;33:EP ~31:21209332.2 ~32:19/11/2021

2023/07099 ~ Complete ~54:SPRAYING DEVICE ~71:INTELLIGENT EQUIPMENT RESEARCH CENTER, BEIJING ACADEMY OF AGRICULTURE AND FORESTRY SCIENCES, Room A1107, Beijing Agricultural Science Building, 11 Middle Shuguang-Huayuan Road, Haidian District, Beijing, 100097, People's Republic of China ~72: GU, Chenchen;LI, Si;LV, Chunling;SONG, Jian;YANG, Shuo;ZHAI, Changyuan;ZHANG, Chunfeng;ZHAO, Xueguan;ZHUO, Zhenyuan~ 33:CN ~31:202210764824.0 ~32:29/06/2022

2023/07083 ~ Complete ~54:MODEL PREDICTIVE CURRENT CONTROL METHOD FOR DUAL THREE-PHASE PERMANENT MAGNET SYNCHRONOUS MOTOR ~71:ZHEJIANG INTERNATIONAL MARITIME COLLEGE, 268 Haitian Avenue, Lincheng New District, Zhoushan City, Zhejiang Province, People's Republic of China ~72: CHEN Zaifa~ 33:CN ~31:CN202211107560.8 ~32:09/09/2022

2023/07103 ~ Complete ~54:SHAPED TOILET CLEANER BLOCK ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: IVAN VALCARENGHI;KOUSHIK ACHARYA;MICHELE STEFANONI;OLIVIER LONTOUO TAKEMLON~ 33:EP ~31:21161308.8 ~32:08/03/2021

2023/07107 ~ Complete ~54:A COMBINED LAUNCH VEHICLE AND SATELLITE SYSTEM ~71:AGNIKUL COSMOS PRIVATE LIMITED, 910, SYNDICATE BANK COLONY, ANNA NAGAR WEST EXTENSION, India ~72: RAVICHANDRAN, Srinath;SHAH KHADRI, Syed Peer Mohamed~ 33:IN ~31:202041054598 ~32:15/12/2020

2023/07120 ~ Complete ~54:ETHERIFICATION OF HIGH CONCENTRATION C5 ISO-OLEFINS VIA CATALYTIC DISTILLATION ~71:LUMMUS TECHNOLOGY LLC, 5825 North Sam Houston Parkway West, Suite 600, United States of America ~72: BARIAS, Rosette;SCOTT, Michael Jon~ 33:US ~31:63/149,118 ~32:12/02/2021

2023/07101 ~ Complete ~54:MULTI-OBJECTIVE TRACKING METHOD BASED ON MULTI-AGENT COLLABORATIVE DEEP REINFORCEMENT LEARNING ~71:Yunnan Minzu University, No. 2929, Yuehua Street, Chenggong District, Kunming, Yunnan Province, People's Republic of China ~72: Chen Junhua;Chen Kangyue;Zhang Ya~ 33:CN ~31:2023106847773 ~32:09/06/2023

2023/07104 ~ Complete ~54:METHODS FOR REPURPOSING THERMAL HYDROCARBON RECOVERY OPERATIONS FOR SYNTHESIS GAS PRODUCTION ~71:PROTON TECHNOLOGIES INC., #300, 140 - 8th Avenue SW, Calgary, Alberta, T2P 1B3, Canada ~72: GRANT D STREM;IAN D GATES;JINGYI WANG~ 33:US ~31:63/127,754 ~32:18/12/2020

2023/07106 ~ Complete ~54:ENHANCED SOPHOROLIPID DERIVATIVES ~71:LOCUS SOLUTIONS IPCO, LLC, 30600 Aurora Road, Suite 180, United States of America ~72: CHERFAN, Charbel;HAGAMAN, Daniel;MORRIS, Andrew;SPEIGHT, Lee~ 33:US ~31:63/149,477 ~32:15/02/2021

2023/07114 ~ Complete ~54:PROCESS FOR PRODUCING PAINT CONTAINING CARBON NANOMATERIALS, PRODUCTS AND USE IN MONITORING STRAINS, STRESSES AND IMPACT ~71:Suzano S.A., Avenida Professor Magalhães Neto, 1.752, piso 10, salas 1010 e, 1011, PITUBA 41810-012, SALVADOR - BA, BRAZIL, Brazil;Universidade Federal de Minas Gerais - UFMG, Av. Antônio Carlos, 6627 - Unidade Administrativa II - 2º andar- sala, 2011 Pampulha, BELO HORIZONTE 31270-901, BRAZIL, Brazil ~72: DA CUNHA, Thiago Henrique Rodrigues;DE CASTRO, Vinícius Gomide;DE OLIVEIRA (Deceased), Sérgio;DE SOUZA, Tarcizo da Cruz Costa;FERLAUTO, André Santarosa;FERREIRA, Felipe Luiz Queiroz;LACERDA, Rodrigo Gribel;LADEIRA, Luiz Orlando;RESENDE, Raissa Guerra;SILVA, Cláudio Laudares Passos;SIQUEIRA, Germano Andrade~ 33:BR ~31:102020025922-9 ~32:17/12/2020

2023/07108 ~ Complete ~54:METHOD TO CHECK A COFFEE BEANS ROASTING SYSTEM ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: BAEKELANDT, Maxime;CELIS, Michiel Alexander;DEGREEF, Thomas Rudi S.;DUBIEF, Flavien Florent;LEMMENS, Rien Denise M.;MOREND, Joël~ 33:EP ~31:20216278.0 ~32:22/12/2020

2023/07110 ~ Complete ~54:AEROSOL GENERATING SYSTEM ~71:Nicoventures Trading Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: HODGSON, Matthew;MOLONEY, Patrick;WARREN, Luke~ 33:GB ~31:2020394.9 ~32:22/12/2020

2023/07111 ~ Complete ~54:SOLID FORMS OF (5S)-CYCLOPROPYL-5-[3-[(3S)-4-(3,5-DIFLUOROPHENYL)-3-METHYL-PIPERAZIN-1-YL]-3-OXO-PROPYL]IMIDAZOLIDINE-2,4-DIONE ~71:Galapagos NV, Generaal De Wittelaan L11/A3, MECHELEN 2800, BELGIUM, Belgium ~72: CORVELEYN, Sam Bob;DULOS, Gradus Johannes;LÉPINE, Renaud Henri Marcel;LEBLANC, Nicolas Valentin;LYNCH, Michael Anthony;SCHILS, Didier Philippe Robert~ 33:EP ~31:20306578.4 ~32:15/12/2020;33:EP ~31:21170505.8 ~32:26/04/2021

2023/07117 ~ Complete ~54:ANTI-EGFR ANTIBODY-DRUG CONJUGATES ~71:AbbVie Inc., 1 North Waukegan Road, Dept. V377 Bldg., Ap34-2, NORTH CHICAGO 60064, IL, USA, United States of America ~72: BOGHAERT, Erwin;BRUNCKO, Milan;HARLAN, John;IZERADJENE, Kamel;PHILLIPS, Andrew;SOUERS, Andrew~ 33:US ~31:63/139,766 ~32:20/01/2021

2023/07081 ~ Complete ~54:ELECTRIC SPRING REGULATION SYSTEM AND REGULATION METHOD FACING DEMAND SIDE OF MICROGRID ~71:ZHEJIANG INTERNATIONAL MARITIME COLLEGE, 268 Haitian Avenue, Lincheng New District, Zhoushan City, Zhejiang Province, People's Republic of China ~72: CHEN Zaifa~ 33:CN ~31:CN202210828896.7 ~32:15/07/2022

2023/07089 ~ Complete ~54:NURSING EDUCATION PLATFORM BASED ON MEDICAL CONSORTIUM ~71:ZHENGZHOU UNIVERSITY OF INDUSTRIAL TECHNOLOGY, XINZHENG HIGH-TECH DEVELOPMENT ZONE, People's Republic of China ~72: LI, Tongtong;LI, Ying;WANG, Yuanpeng;XING, Xiaoyu;XU, Xiaoxia;ZHANG, Hongling~

2023/07086 ~ Complete ~54:PORTABLE SAMPLING DEVICE FOR SPHERICAL SAMPLE ~71:Nanjing Institute of Environmental Sciences, MEE, No. 8, Jiangwangmiao Street, Nanjing City, Jiangsu Province, 210042, People's

Republic of China;Northeast Forestry University, No. 26, Hexing Road, Xiangfang District, Harbin City, Heilongjiang Province, 150040, People's Republic of China ~72: CHENG, Kun;LV, Yingying;ZHANG, Haonan;ZHANG, Xingshuo;ZHOU, Daqing~

2023/07091 ~ Complete ~54:A MUD PUMPING TRANSPORTATION SYSTEM AND A METHOD ~71:CHINA RAILWAY FIRST GROUP CO., LTD., No. 1, Yanta North Road, Beilin District, Xi 'an, Shaanxi Province, 710054, People's Republic of China;CHINA RAILWAY FIRST GROUP MUNICIPAL & ENVIRONMENTAL PROTECTION ENGINEERING CO., LTD, No. 168 Renjiazhuang, Qilihe District, Lanzhou, Gansu Province, 730050, People's Republic of China ~72: DU, Xiaowei;DU, Youxiu;GE, Zhengdong;GONG, Xin;NIU, Chao;WANG, Jiandong;YANG, Jie;YIN, Peng;ZHANG, Qiang;ZHANG, Sujie~ 33:CN ~31:2023104430898 ~32:23/04/2023

2023/07098 ~ Complete ~54:PRICKING HOLE MECHANISM ~71:NONGXIN (NANJING) SMART AGRICULTURE RESEARCH INSTITUTE CO., LTD, 1022 Nanjing National Agricultural Innovation Park Science And Technology Innovation Center, 8 Xingzhi Road, Pukou District,, Nanjing, Jiangsu, 211899, People's Republic of China ~72: CHEN, Tianen;GUO, Yanqiu;LI, Si;LIU, Hongyi;LV, Chunling;ZHAI, Changyuan;ZHANG, Chunfeng;ZHAO, Chunjiang;ZHAO, Shuhong~ 33:CN ~31:202211017964.8 ~32:24/08/2022

2023/07109 ~ Complete ~54:METHOD TO CHECK A COFFEE BEANS ROASTING SYSTEM ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: BAEKELANDT, Maxime;CELIS, Michiel Alexander;DEGREEF, Thomas Rudi S.;DUBIEF, Flavien Florent;LEMMENS, Rien Denise M.;MOREND, Joël~ 33:EP ~31:20216280.6 ~32:22/12/2020

2023/07112 ~ Complete ~54:AERODROME SIGNALLING SYSTEM WITH CELLULAR COMMUNICATION CAPABILITY ~71:ADB Safegate BV, Leuvensesteenweg 585, ZAVENTEM 1930, BELGIUM, Belgium ~72: JELU, André;LE ROUX, Martin;ONA SELFA, Gregory~ 33:EP ~31:20214755.9 ~32:16/12/2020;33:EP ~31:21165461.1 ~32:29/03/2021

2023/07116 ~ Complete ~54:DIVIDABLE HORSESHOE ACCOMMODATING TRANSVERSE PIVOTING OF HORSESHOE LEGS ~71:Equinovum LLC, 2829 Moelter Road, BURLINGTON 53105, WI, USA, United States of America ~72: DECROOS, Bart;HALSBERGHE, Bart;NIELSEN, Eric;VERNAILLEN, Bart~ 33:US ~31:63/132,615 ~32:31/12/2020

2023/07118 ~ Complete ~54:HEAT TREATMENT OF BANKNOTES IN AN OXYGEN-FREE ENVIRONMENT ~71:Spectra Systems Corporation, 40 Westminster Street, 2nd Floor, PROVIDENCE 02903, RI, USA, United States of America ~72: LAWANDY, Nabil~ 33:US ~31:63/126,513 ~32:16/12/2020;33:US ~31:17/179,819 ~32:19/02/2021

2023/07121 ~ Complete ~54:HEAT INSULATION CONVEYING MECHANISM OF HEAT SHRINK PACKAGING MACHINE FOR COSMETICS PRODUCTION ~71:Ruichang Ruimei Cosmetics Co., Ltd., No. 5, Jinxing Road, Jinling Industrial Park, North Park of Gold Industrial Park, Ruichang City, Jiangxi Province (inside Lingbao Company), People's Republic of China ~72: Cao Qiongyi;Chen Shigui;Ding Junjun~ 33:CN ~31:202222486383.0 ~32:20/09/2022

2023/07122 ~ Complete ~54:SPINAL ROD COUPLER AND SYSTEM FOR SPINAL CORRECTIVE SURGERY ~71:Dr. Johannes Hendrik Davis, 11 Kronendal Street, Dalsig, South Africa ~72: Dr. Johannes Hendrik Davis~ 33:ZA ~31:202007771 ~32:14/12/2020

. - APPLIED ON 2023/07/17 -

2023/07137 ~ Complete ~54:A PIPELINE RECEIVING DEVICE ~71:CHINA RAILWAY (GUANGZHOU) INVESTMENT & DEVELOPMENT CO., LTD., Room 501-510, 601-610, No. 832, Yuejiang Middle Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China;CHINA RAILWAY TUNNEL STOCK CO., LTD., No. 99 Science Avenue, Zhengzhou High tech Industrial Development Zone, Zhengzhou City, Henan Province, 450000, People's Republic of China;GUANGZHOU METRO GROUP CO., LTD., Tower A, Wansheng Plaza, No. 1238, Xingang East Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China ~72: Along WANG;Enlei LI;Fengli DONG;Guangsheng LIANG;Qiang ZHANG;Ruisheng MA;Shaohong CHEN;Wanzhou ZHANG;Weixing XING;Xiangwei QI;Xianpeng LI;Zhihao LOU~

2023/07130 ~ Complete ~54:FOLDABLE ELECTRONIC DEVICE INCLUDING DISPLAY PROTECTION STRUCTURE ~71:SAMSUNG ELECTRONICS CO., LTD., 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea ~72: CHIJOON KIM;DAEYOUNG KIM;DOORYONG KIM;HYOSANG AN;HYUNGGEUN LEE;JONGMIN KANG;JUNGWON PARK;JUNYOUNG CHOI;SEUNGJUN LEE;SEUNGWHEE CHOI;SUNGHUN KIM;YONGHEE JANG~ 33:KR ~31:10-2019-0064849 ~32:31/05/2019;33:KR ~31:10-2019-0087535 ~32:19/07/2019

2023/07139 ~ Complete ~54:A RAINWATER HARVESTING SYSTEM ~71:Dr. Olympa Baro, Department of Civil Engineering, National Institute of Technology Silchar, Fakiratilla, Silchar, Cachar, Assam, 788010, India;Kaushik Handique, Department of Business Management, Assam Women's University, Jamuguri, Rowriah, Assam, 785004, India ~72: Dr. Olympa Baro;Kaushik Handique~

2023/07125 ~ Complete ~54:A REAL-TIME ACQUISITION SYSTEM FOR CORE DISPLACEMENT IN A DRILLING SAMPLER ~71:China University of Geosciences, Wuhan, NO.388 Lumo road, Hongshan district, Wuhan City, Hubei Province, 430074, People's Republic of China ~72: Bo SU;Choujiang TAN;Chunhua LU;Mengdi QIAO;Rongjing WANG;Tao ZHANG;Wenshuo LIU;Zhi CHEN~

2023/07132 ~ Complete ~54:STEEL FRAME STRUCTURE OF TIE POINT OF WALL ATTACHING FRAME FOR BUILDING HOIST RISING TO ROOF AND CONSTRUCTION METHOD THEREFOR ~71:THE SECOND CONSTRUCTION ENGINEERING COMPANY LTD. OF CHINA CONSTRUCTION SECOND ENGINEERING BUREAU, No.0169 Qianhai Road, Nanshan subdistrict, Nanshan District, Shenzhen, 518000, People's Republic of China ~72: DONG, Lei;HAN, Xueyong;JIANG, Wen;LI, Guanwei;LIU, Bing;LIU, Wentao;SONG, Xiaokang;YANG, Aixin;YUAN, Li;YUAN, Xin;ZHANG, Xiaochao~

2023/07143 ~ Complete ~54:A SYSTEM, A METHOD AND A DEVICE FOR SCREENING A DISEASE IN A SUBJECT ~71:THE BLUE BOX BIOMEDICAL SOLUTIONS, SL, Av. Catalunya, 7, Spain ~72: CHEN, Po-An;GIRÓ BENET, Judit~ 33:US ~31:63/131,188 ~32:28/12/2020

2023/07164 ~ Complete ~54:PROCESS ~71:SUN PHARMACEUTICAL INDUSTRIES AUSTRALIA PTY LIMITED, Level 4, 1 Acacia Place, Notting Hill, Australia ~72: GRAS, Sally Louise;LI, Xu;SPENCER, Garrick Westley Kyle~ 33:GB ~31:2101796.7 ~32:10/02/2021

2023/07151 ~ Complete ~54:METHODS FOR ENHANCEMENT OF ENGINEERED CELL THERAPIES IN CANCER TREATMENT ~71:PURDUE RESEARCH FOUNDATION, 101 Foundry Drive, Suite 2500 West Lafayette, Indiana 47906, United States of America ~72: MADDURI SRINIVASARAO;PHILIP S LOW;WEICHUAN LUO~ 33:US ~31:63/133,773 ~32:04/01/2021

2023/07158 ~ Complete ~54:FOREIGN OBJECT DETECTION IN A WIRELESS POWER TRANSFER SYSTEM ~71:Koninklijke Philips N.V., High Tech Campus 52, EINDHOVEN 5656 AG, THE NETHERLANDS, Netherlands ~72: ETTES, Wilhelmus Gerardus Maria;LEBENS, Pascal Leonard Maria Theodoor;LULOFS, Klaas Jakob~ 33:EP ~31:20215834.1 ~32:18/12/2020

2023/07163 ~ Complete ~54:RAW MEAL DELIVERY DEVICE ~71:KHD HUMBOLDT WEDAG GMBH, Von-der-Wettern-Strasse 4a, Germany ~72: Matthias MERSMANN~ 33:DE ~31:10 2021 100 941.3 ~32:19/01/2021

2023/07123 ~ Provisional ~54:TRACKING SYSTEM AND METHOD ~71:ECONO ENERGY SOLUTIONS (PTY) LTD, Erf 261 Voortrekker Road, Monument, South Africa ~72: JANSE VAN RENSBURG, Pieter Johannes~

2023/07124 ~ Complete ~54:INTEGRATED APPARATUS FOR WEIGHING AND SORTING IN LOGISTICS UPDATE AND USE METHOD THEREOF ~71:HUAINAN NORMAL UNIVERSITY, Dongshan West Road, Huainan city, Anhui province, 232038, People's Republic of China ~72: HE, Yinnan;LI, Fanghu~ 33:CN ~31:202310771804.0 ~32:27/06/2023

2023/07127 ~ Complete ~54:CONVENIENT DRAWING DEVICE FOR MECHANICAL DESIGN ~71:GUIZHOU UNIVERSITY, No. 1 Huaxi Avenue, Huaxi District, Guiyang City, Guizhou Province, People's Republic of China ~72: LIN Li;YANG Mingqing~

2023/07133 ~ Complete ~54:A CEMENT-BASED MATERIAL FOR GROUTING BEHIND A SHIELD WALL AND ITS PREPARATION METHOD ~71:CHINA RAILWAY (GUANGZHOU) INVESTMENT & DEVELOPMENT CO., LTD., Room 501-510, 601-610, No. 832, Yuejiang Middle Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China;EAST CHINA JIAOTONG UNIVERSITY, No. 808, Shuanggang East Street, Nanchang Economic and Technological Development Zone, Jiangxi Province, People's Republic of China;GUANGZHOU METRO DESIGN & RESEARCH INSTITUTE CO., LTD., 204 Huanshi West Road, Yuexiu District, Guangzhou, Guangdong, 510000, People's Republic of China;YICHUN UNIVERSITY, Chengxi Qishan, Yuanzhou District, Yichun City, Jiangxi Province, People's Republic of China ~72: Chao LIN;Chen LIU;Chenliang WEI;Daxin GENG;Hui LI;Jiehua CHEN;Li RAO;Qianhou LU;Shaohong CHEN;Song GAO;Wenbo LI;Xiaolong ZHU;Xujie LI;Yang YU;Yanmei RUAN;Ying CHEN;Yuesheng YE~ 33:CN ~31:2023106834716 ~32:09/06/2023

2023/07317 ~ Provisional ~54:DISCRE-FEMME FEMALE HYGIENE SOLUTIONS ~71:Nocembo Zamokuhle Sithole, 1419 Pelotona street, Pretoria North,, South Africa;Tshegofatso Rosina Kolobe, 1419 Pelotona street, Pretoria North,, South Africa ~72: Nocembo Zamokuhle Sithole;Tshegofatso Rosina Kolobe~

2023/07128 ~ Complete ~54:ANTI-CD38 ANTIBODIES FOR TREATMENT OF ACUTE MYELOID LEUKEMIA ~71:Janssen Biotech, Inc., 800/850 Ridgeview Drive, HORSHAM 19044, PA, USA, United States of America ~72: DANET-DESNOYERS, Gwenn;DOS SANTOS, Cedric;DOSHI, Parul;SASSER, Amy;SHAN, Xiaochuan~ 33:US ~31:62/087,442 ~32:04/12/2014

2023/07135 ~ Complete ~54:A WALL BRUSH FOR DIAPHRAGM WALL JOINTS ~71:CHINA RAILWAY (GUANGZHOU) INVESTMENT & DEVELOPMENT CO., LTD., Room 501-510, 601-610, No. 832, Yuejiang Middle Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China;CHINA RAILWAY TUNNEL STOCK CO., LTD., No. 99 Science Avenue, Zhengzhou High tech Industrial Development Zone, Zhengzhou City, Henan Province, 450000, People's Republic of China;GUANGZHOU METRO GROUP CO., LTD., Tower A, Wansheng Plaza, No. 1238, Xingang East Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China ~72: Along WANG;Chenliang WEI;Enlei LI;Guangsheng LIANG;Hui LI;Jiehua CHEN;Lian ZHUANG;Ruisheng MA;Wanzhou ZHANG;Xianpeng LI;Xujie LI;Zhihao LOU~

2023/07142 ~ Complete ~54:NON-QUENCHED AND TEMPERED ROUND STEEL WITH HIGH STRENGTH, HIGH TOUGHNESS AND EASY CUTTING AND MANUFACTURING METHOD THEREFOR ~71:BAOSHAN IRON & STEEL CO., LTD., 885 FUJIN ROAD, BAOSHAN DISTRICT, SHANGHAI, 201900, People's Republic of China ~72: CHEN, Lin;GAO, Jiaqiang;HUANG, Zongze;ZHAO, Sixin~ 33:CN ~31:202110035295.6 ~32:12/01/2021

2023/07148 ~ Complete ~54:BLUE VISBY - OPTIMIZED COORDINATION OF WATER-BASED TRANSPORT VESSELS ~71:BLUE VISBY SERVICES LIMITED, 6th Floor – Minster House, 42 Mincing Lane, United Kingdom ~72: ZOGRAFAKIS, Charalampos~ 33:US ~31:63/140,424 ~32:22/01/2021

2023/07154 ~ Complete ~54:CYCLIC GLYCOAMINOACID DERIVATIVES ~71:TFCHEM, Pharma Parc II, Voie De l'Innovation, Batiment, C-27100, Val De Reuil, France ~72: GÉRALDINE DELIENCOURT GODEFROY;JOCELYNE LEGOEDEC;LÉNAÏG LOPES~ 33:EP ~31:21305070.1 ~32:20/01/2021

2023/07156 ~ Complete ~54:METHOD AND SYSTEM FOR DETECTING A LOOSENED JOINT OF A DRILL STRING ~71:EPIROC ROCK DRILLS AKTIEBOLAG, 701 91 Örebro, Sweden ~72: GUSTAV MÖRTZELL;THOMAS ADOLFSSON~ 33:SE ~31:2150366-9 ~32:26/03/2021

2023/07159 ~ Complete ~54:SOLANESOL VACCINE ADJUVANTS AND METHODS OF PREPARING SAME ~71:Access to Advanced Health Institute, 1616 Eastlake Avenue East, Suite 400, SEATTLE 98102, WA, USA, United States of America ~72: FOX, Christopher Bradford~ 33:US ~31:63/130,366 ~32:23/12/2020

2023/07129 ~ Complete ~54:MACROCYCLES AS MODULATORS OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR, PHARMACEUTICAL COMPOSITIONS THEREOF, THEIR USE IN THE TREATMENT OF CYCSTIC FIBROSIS, AND PROCESS FOR MAKING THEM ~71:VERTEX PHARMACEUTICALS INCORPORATED, 50 Northern Avenue, Boston, Massachusetts, 02210, United States of America ~72: ALEXANDER RUSSELL ABELA;ANDREAS TERMIN;ANTON V GULEVICH;BRETT B BUSCH;BRYAN FRIEMAN;CARL V VOGEL;CLARA KUANG-JU HSIA;COREY DON ANDERSON;FABRICE PIERRE;HARIPADA KHATUYA;JASON MCCARTNEY;JEREMY J CLEMENS;JINGLAN ZHOU;JOHNNY UY;MARK THOMAS MILLER;PETER GROOTENHUIS;PING KANG;PRASUNA PARASELLI;SARA E SWIFT;SARA SABINA HADIDA RUAH;SENAIT G GHIRMAI;THOMAS CLEVELAND;TIMOTHY RICHARD COON;WEICHAO GEORGE CHEN~ 33:US ~31:62/631,453 ~32:15/02/2018

2023/07141 ~ Complete ~54:INDIRECT HEAT EXCHANGER PRESSURE VESSEL WITH CONTROLLED WRINKLE BENDS ~71:BALTIMORE AIRCOIL COMPANY, INC., 7600 Dorsey Run Road, United States of America ~72: DAMLE, Advait;MORRISON, Frank T.;PARKER, Daniel E.~ 33:US ~31:63/138,655 ~32:18/01/2021;33:US ~31:63/270,953 ~32:22/10/2021

2023/07126 ~ Complete ~54:A METHOD OF PROTECTING CERAMIC CRAFTSMANSHIP BASED ON INFORMATION VISUALIZATION ~71:Jingdezhen Ceramic University, Xianghu Village, Xianghu Town, Fuliang County, Jingdezhen City, Jiangxi Province, 333403, People's Republic of China ~72: Ying Zhang~

2023/07145 ~ Complete ~54:IRIDIUM-CONTAINING CATALYST FOR WATER ELECTROLYSIS ~71:HERAEUS DEUTSCHLAND GMBH & CO. KG, Heraeusstraße 12 – 14, Germany ~72: BERNT, Maximilian;BYRKNES, Jan;EICKES, Christian;GASTEIGER, Hubert;GEBAUER, Christian;GHIELMI, Alessandro;HARTIG-WEISS, Alexandra;KEMMER, Martina~ 33:EP ~31:20217035.3 ~32:23/12/2020

2023/07149 ~ Complete ~54:SYNTHETIC PROTON-CONDUCTIVE ADDITIVES FOR BATTERY ELECTROLYTES ~71:Boris Ivanov MONAHOV, 189 Briarfield Drive, Apex, United States of America;Boris Todorov SHIROV, 145 Georgi S. Rakovski str., en.D, apt. 1, Bulgaria;Dag Arild VALAND, Im Ellig 7, Germany;Vesselin Bojidarov NAYDENOV, G.K. "Geo Milev", bl.240, en.V, ap.66, Bulgaria ~72: MONAHOV, Boris Ivanov;NAYDENOV, Vesselin Bojidarov;SHIROV, Boris Todorov;VALAND, Dag Arild~ 33:US ~31:63/127,290 ~32:18/12/2020

2023/07162 ~ Complete ~54:TUBULAR SOFC WITH CATHODE CURRENT COLLECTOR AND METHOD FOR FORMING CATHODE FUEL COLLECTOR ~71:"TOPAZ" LIMITED LIABILITY COMPANY ("TOPAZ" LLC), Territoriya Innovacionnogo Centra, "Skolkovo" Bolshoy bulvar, d. 42, str.

1, et. 1, pom. 334, rab. 54 Moscow, 121205, Russian Federation ~72: GVOZDKOV, Ilya Alekseevich;LEVCHENKO, Egor Aleksandrovich;SIVAK, Aleksandr Vladimirovich;TIMERBULATOV, Ruslan Sergeevich~ 33:RU ~31:2020144070 ~32:30/12/2020

2023/07152 ~ Complete ~54:DATASET MULTIPLEXER FOR DATA PROCESSING SYSTEM ~71:AB INITIO TECHNOLOGY LLC, 201 Spring Street, Lexington, Massachusetts, 02421, United States of America ~72: AMIT WEISMAN;CORY CHRISTOPHER JAMES FANTASIA;EDWARD ALAN BACH;IAN ROBERT SCHECHTER;MATTHEW DOUGLAS BECKER;ROBERT PARKS~ 33:US ~31:63/143,898 ~32:31/01/2021;33:US ~31:63/163,709 ~32:19/03/2021

2023/07161 ~ Complete ~54:PLATED STEEL MATERIAL ~71:NIPPON STEEL CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8071, JAPAN, Japan ~72: GOTO, Yasuto;KAWAMURA, Yasuaki;KAWANISHI, Koji;MITSUNOBU , Takuya;MORISHITA, Atsushi;NAKAMURA, Fumiaki;SAITO, Mamoru;TOBA, Tetsuya;TOKUDA , Kohei~ 33:JP ~31:2021-005575 ~32:18/01/2021

2023/07131 ~ Complete ~54:METAL, CERAMIC, OR CERAMIC-COATED TRANSACTION CARD WITH WINDOW OR WINDOW PATTERN AND OPTIONAL BACKLIGHTING ~71:COMPOSECURE, LLC, 500 Memorial Drive, Somerset, New Jersey, 08873, United States of America ~72: ADAM LOWE;JOHN ESAU~ 33:US ~31:16/751,285 ~32:24/01/2020

2023/07140 ~ Complete ~54:FRUIT TREE PRUNING SYSTEM BASED ON HYDRAULIC CONTROL ~71:INSTITUTE OF MODERN AGRICULTURAL ON YELLOW RIVER DELTA, SHANDONG ACADEMY OF AGRICULTURAL SCIENCES, No. 6 Huayuan Road, Agricultural High-tech Industrial Demonstration Area of the Yellow River Delta, Dongying City, Shandong Province, People's Republic of China;MODERN AGRICULTURE RESEARCH CENTER OF YELLOW RIVER DELTA IN DONGYING, No. 6 Huayuan Road, Agricultural High-tech Industrial Demonstration Area of the Yellow River Delta, Dongying City, Shandong Province, People's Republic of China;SHANDONG ACADEMY OF AGRICULTURAL MACHINERY SCIENCES, No. 19, Sangyuan Road, Licheng District, Jinan City, Shandong Province, People's Republic of China ~72: JIA, Xi;LIU, Xuefeng;MIN, Lingqiang;QIAO, Lei;QIN, Xitian;SUN, Shenggang;WANG, Lu;WANG, Shaowei;WANG, Shucheng;YANG, Huawei;ZHANG, Cuiying~

2023/07150 ~ Complete ~54:CROSS-FLOW SHREDDER FOR COMMINUTING MATERIAL ~71:TERION AG, Bahnhofstrasse 29, Switzerland ~72: Martin DREISMANN;Peter MERKEL~ 33:LU ~31:LU102777 ~32:12/04/2021

2023/07155 ~ Complete ~54:DRILLING MACHINE FOR ANGLED DRILLING ~71:EPIROC DRILLING SOLUTIONS, LLC, 2100 North First Street, Garland, Texas, 75040, United States of America ~72: JAMES BENSON;KEITH AUG;NATHAN LUNDRY~ 33:US ~31:17/147,857 ~32:13/01/2021

2023/07160 ~ Complete ~54:METHOD FOR OPERATING A BLAST FURNACE PLANT ~71:Paul Wurth S.A., 32, rue d'Alsace, LUXEMBOURG 1122, LUXEMBOURG, Luxembourg ~72: FRANZISKUS, Lutwin;RIES, Roger;SCHON, Marc;SCHWEITZER, Marc;TOCKERT, Paul~ 33:LU ~31:102438 ~32:20/01/2021

2023/07166 ~ Complete ~54:CONSTRUCTION METHOD FOR A STEEL SHED OF AN ULTRAHIGH LARGE-SPAN GIANT RIBBED SPATIAL FOLDED-PLATE-SHAPED GRID STRUCTURE ~71:CHINA CONSTRUCTION FOURTH ENGINEERING DIVISION CORP. LTD, 14th Floor, Building B, No. 16 Keyun Road, Tianhe District, Guangzhou, People's Republic of China ~72: CAI, Longyu;CHEN, Kai;CHEN, Xuepeng;CUI, Lihui;GUI, Zhengrong;HUANG, Chenguang;JI, Yongxin;JIA, Xinjuan;MO, Haizhao;QIN, Kai;ZHANG, Yongfei;ZHANG, Zaichen;ZHAO, Xuhua;ZHOU, Jingkang~ 33:CN ~31:202110627131.2 ~32:04/06/2021

2023/07153 ~ Complete ~54:4-CHLORO-N-[2-[(4-CHLOROPHENYL)METHYL]-3-OXO-1,2,4-THIADIAZOL-5-YL]BENZAMIDE FOR USE IN MEDICINE ~71:BETAGENON AB, Västra Strandgatan 9B, 903 26, Umeå, Sweden ~72: JACOB WESTMAN;THOMAS EDLUND~ 33:GB ~31:2100352.0 ~32:12/01/2021

2023/07157 ~ Complete ~54:DRILLING TOOL CHANGER APPARATUS ~71:EPIROC DRILLING SOLUTIONS, LLC, 2100 North First Street, Garland, Texas, 75040, United States of America ~72: MATTHEW FOSLER;SAMYUKTHA PERICHARLA;TYLER BERENS~ 33:US ~31:17/161,880 ~32:29/01/2021

2023/07134 ~ Complete ~54:A METHOD, A SYSTEM AND A DEVICE FOR MONITORING THE DEFORMATION OF AN UNDERGROUND WORK UNDER COMPLEX GEOLOGICAL CONDITIONS ~71:CHINA CONSTRUCTION FIFTH ENGINEERING BUREAU CO., LTD., No. 158 Zhongyi 1st Road, Yuhua District, Changsha, Hunan Province, 410000, People's Republic of China ~72: LI, Daqiang;LIU, Jian;LIU, Ying;SUN, San;YUAN, Peng'an;ZHANG, Heng;ZHAO, Zheng;ZHENG, Wei;ZHOU, Qingfeng;ZHU, Jia~

2023/07138 ~ Complete ~54:STEEL PLATE WATERSTOP CONNECTING MEMBER ~71:CHINA RAILWAY (GUANGZHOU) INVESTMENT & DEVELOPMENT CO., LTD., Room 501-510, 601-610, No. 832, Yuejiang Middle Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China;CHINA RAILWAY TUNNEL STOCK CO., LTD., No. 99 Science Avenue, Zhengzhou High tech Industrial Development Zone, Zhengzhou City, Henan Province, 450000, People's Republic of China;GUANGZHOU METRO GROUP CO., LTD., Tower A, Wansheng Plaza, No. 1238, Xingang East Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China ~72: Along WANG;Dang TAN;Enlei LI;Guangsheng LIANG;Hongxia GUO;Qiang ZHANG;Qingdian YUAN;Ruisheng MA;Xianpeng LI;Xujie LI~

2023/07165 ~ Complete ~54:GENOMIC DELETION IN AFRICAN SWINE FEVER VACCINE ALLOWING EFFICIENT GROWTH IN STABLE CELL LINES ~71:THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, 1400 Independence Ave. S. W., Washington, United States of America ~72: BORCA, Manuel V.;GLADUE, Douglas P.~ 33:US ~31:17/130,814 ~32:22/12/2020

2023/07144 ~ Complete ~54:WEAR PART REMOVAL SYSTEM ~71:CATERPILLAR INC., 100 NE Adams Street, United States of America ~72: KUNZ, Phillip J.~ 33:US ~31:17/152,502 ~32:19/01/2021

2023/07146 ~ Complete ~54:IMMUNOCYTOKINES AND USES THEREOF ~71:IMMUNOWAKE INC., 1500 1ST Avenue North, L109, Unit 33, Birmingham, United States of America ~72: WAKEFIELD, John;WU, Ellen;WU, Xiaoyun~ 33:US ~31:63/130,339 ~32:23/12/2020

2023/07147 ~ Complete ~54:PREDICTION OF RESIDUES OF PLANT PROTECTION AGENTS IN HARVESTED PRODUCTS ~71:BAYER AKTIENGESELLSCHAFT, Kaiser-Wilhelm-Allee 1, Leverkusen, Germany ~72: MOGK, Georg;MRUGALLA, Florian;WEYßER, Fabian~ 33:EP ~31:21154918.3 ~32:03/02/2021

2023/07136 ~ Complete ~54:BRANCH GATHERING APPARATUS AND GATHERING MACHINE ~71:INSTITUTE OF MODERN AGRICULTURAL ON YELLOW RIVER DELTA, SHANDONG ACADEMY OF AGRICULTURAL SCIENCES, No. 6 Huayuan Road, Agricultural High-tech Industrial Demonstration Area of the Yellow River Delta, Dongying City, Shandong Province, People's Republic of China;MODERN AGRICULTURE RESEARCH CENTER OF YELLOW RIVER DELTA IN DONGYING, No. 6 Huayuan Road, Agricultural High-tech Industrial Demonstration Area of the Yellow River Delta, Dongying City, Shandong Province, People's Republic of China;SHANDONG ACADEMY OF AGRICULTURAL MACHINERY SCIENCES, No. 19, Sangyuan Road, Licheng District, Jinan City, Shandong Province, People's Republic of China ~72: JIA, Xi;LI, Wei;LIU, Xuefeng;QU, Huixing;REN, Dongmei;WANG, Lu;WANG, Shaowei;WANG, Shucheng;YANG, Huawei;ZHANG, Bo;ZHANG, Dexue~

. - APPLIED ON 2023/07/18 -

2023/07203 ~ Provisional ~54:TRANSFORMING AN APPLIED FORCE TO UNIVERSAL ROTATION ~71:Alvaro Bernardo Tafur Castillo, Unit 1, Kingsley Place, 55 Oxford Road, South Africa ~72: Alvaro Bernardo Tafur Castillo~

2023/07169 ~ Complete ~54:A METHOD OF GENERATING TERRAIN INFORMATION BY AIRBORNE LASER SCANNING ~71:Hohai University, No.8 Focheng West Road, Jiangning District, Nanjing, Jiangsu Province, 211100, People's Republic of China ~72: Bin YONG;Jia XU;Yong LI~

2023/07179 ~ Complete ~54:METHOD FOR PRODUCING DERIVATISED STARCH ~71:MONDI AG, Marxergrasse 4A, Austria ~72: OLKKONEN, Tina;SCHWAIGER, Elisabeth;STEINDL, Roman~ 33:AT ~31:A51141/2020 ~32:23/12/2020

2023/07192 ~ Complete ~54:CONNECTING SKIRT FOR ATTACHING A LEAFLET TO A FRAME OF A PROSTHETIC HEART VALVE ~71:Edwards Lifesciences Corporation, One Edwards Way, IRVINE 92614, CA, USA, United States of America ~72: CORONA, Jeanette Jasmine;DALBOW, Brendan Michael;SENESH, Gil~ 33:US ~31:63/139,514 ~32:20/01/2021

2023/07197 ~ Complete ~54:LITHIUM BATTERY SEPARATOR INCLUDING POROUS PVDF-BASED RESIN COATING AND PREPARATION METHOD THEREFOR ~71:SINOMA LITHIUM BATTERY SEPARATOR CO., LTD., No. 368 West Shunhe Road, People's Republic of China ~72: BAI, Yaozong;DU, Jingran;GAO, Feifei;HAN, Chao;LIU, Gaojun;MA, Pingchuan;SUN, Yuan;WEI, Ming;ZHAI, Mengmeng;ZHANG, Sen;ZHANG, Xujie;ZHOU, Yang~ 33:CN ~31:202111635856.2 ~32:30/12/2021

2023/07202 ~ Provisional ~54:A DRYING APPARATUS ~71:GAWLER, John, Dycer, PLOT 30, HOLDING 60 OUKLIPMUUR, EQUESTRIA, PRETORIA, 0184, SOUTH AFRICA, South Africa ~72: LOUW, Andre~

2023/07175 ~ Complete ~54:RANGE ESTIMATION SYSTEM AND METHOD ~71:TSHWANE UNIVERSITY OF TECHNOLOGY, Building 20, Office 133 Staatsartillery Road, Pretoria, Gauteng, 0002, South Africa ~72: CHRISTIAAN COENRAD OOSTHUIZEN~ 33:ZA ~31:2022/08184 ~32:22/07/2022

2023/07183 ~ Complete ~54:LOW-CARBON CONSTRUCTION BINDER AND MATERIALS PROVIDING COMFORT IN SUMMER ~71:MATERRUP, 440 rue des Estagnots, 40230, SAINT-GEOURS-DE-MAREMNE, France ~72: MERCE Manuel;NEUVILLE, Mathieu~ 33:EP ~31:21305065.1 ~32:19/01/2021;33:EP ~31:21305629.4 ~32:12/05/2021

2023/07201 ~ Provisional ~54:INSURANCE AND INVESTMENT OF THE LIFE POLICY PAYOUTS AND OTHER PAYOUTS AFTER THE DEATH OF THE INSURED ~71:Mulalo Nengome, 754, oakdene parks, Stanley park, South Africa ~72: Mulalo Nengome~

2023/07170 ~ Complete ~54:DEVICE AND METHOD FOR TESTING EXTERIOR BALLISTIC PARAMETERS OF WEAPON PROJECTILE ON THE BASIS OF LIGHT CURTAIN ARRAY ~71:Xi'an Institute of Electromechanical Information Technology, No. 16, Zhangba'er Road, High tech Zone, Xi'an City, Shaanxi Province, 710065, People's Republic of China;Xi'an Technological University, No.2 Xuefuzhonglu Road, Weiyang District, Xi'an City, Shaanxi Province, 710021, People's Republic of China ~72: CAI, Rongli;LI, Hai;LIU, Xuejun;YANG, Xiaodong;ZHAO, Pingwei;ZHENG, Chenhao~

2023/07173 ~ Complete ~54:ANTI-TRYPTASE ANTIBODIES, COMPOSITIONS THEREOF, AND USES THEREOF ~71:GENENTECH, INC., 1 DNA Way, South San Francisco, California, 94080-4990, United States of America ~72: HENRY R MAUN;JAMES T KOERBER;JANET JACKMAN;KATHILA RAJAPAKSA;LAWREN WU;MARK DENNIS;MASON LU;SAROJA RAMANUJAN;TANGSHENG YI;TRACY STATON;XIAOCHENG CHEN~ 33:US ~31:62/457,722 ~32:10/02/2017

2023/07180 ~ Complete ~54:DEBRIS PATH FOR MINING TRACK UTILIZING A SEALED JOINT ~71:CATERPILLAR INC., 100 NE Adams Street, United States of America ~72: JONES, Benjamin I.;KIESEL, Mark J.;LOEFFLER, Brian K.~ 33:US ~31:17/153,039 ~32:20/01/2021

2023/07193 ~ Complete ~54:FUSED QUADRACYCLIC COMPOUNDS, COMPOSITIONS AND USES THEREOF ~71:Tabomedex Biosciences, Inc., 4 Dana Road, BOXFORD 01921, MA, USA, United States of America ~72: SERRANO-WU, Michael H.;YE, Zhixiong;ZHENG, Weihong~ 33:IB ~31:2021/071062 ~32:11/01/2021

2023/07198 ~ Complete ~54:LYOPHILIZED MESENCHYMAL STEM CELLS ~71:KHORAKIWALA, Habil F, Casa Khorakiwala, 310E, Vakil Lane, Dr. G.B. Deshmukh Marg, Peddar Road, India ~72: KHORAKIWALA, Habil F;KHORAKIWALA, Zahabiya;SHARMA, Vijay~ 33:IN ~31:202021055334 ~32:19/12/2020

2023/07238 ~ Provisional ~54:DIGITAL MOTOR VEHICLE DRIVER LEANER SIGN ~71:MASHUDU A MPHIGALALE, 19 LORRAINE, ARUNDO ESTATE, ROOIHUISKRAAL & REITSPRUIT AVENUE, THE REEDS, South Africa ~72: MASHUDU A MPHIGALALE ~

2023/07185 ~ Complete ~54:STABLE PREPARATION OF HUMAN PAPILLOMAVIRUS VIRUS-LIKE PARTICLE VACCINE ~71:SINOCELLTECH LTD., No.31 Kechuang 7th St., BDA, Beijing, 100176, People's Republic of China ~72: PING HU;XINRONG CHANG;YAN LIU~ 33:CN ~31:202110049777.7 ~32:14/01/2021

2023/07188 ~ Complete ~54:AN IMMUNOGEN ~71:UNIVERSITY OF PRETORIA, Corner Lynnwood Road and Roper Street Hatfield 0002, Pretoria, Gauteng, South Africa ~72: ROBERT PETER MILLAR~ 33:GB ~31:2101187.9 ~32:28/01/2021

2023/07200 ~ Provisional ~54:EMAKHAYA NEW TECHNOLOGY FLUSHING TOILET ~71:MATHAI SIMON MOFEPHE, 18757 ZONE 14 GAUTENG, South Africa ~72: MATHAI SIMON MOFEPHE~

2023/07167 ~ Provisional ~54:OFFICE WASTE BIN HOLDER ~71:Johannes Ramarifi Mahlaola, 5523 Mokone Block, Stinkwater, South Africa;Johannes Ramarifi Mahlaola, 5523 Mokone Block, Stinkwater, South Africa ~72: Johannes Ramarifi Mahlaola~

2023/07168 ~ Complete ~54:PERSONAL HYGIENE NURSING PAD ~71:ANHUI POLYTECHNIC UNIVERSITY, No.8, Beijing Middle Road, Jiujiang District, Wuhu, Anhui, 241000, People's Republic of China ~72: BAO, Guangxi;LIU, Tao;SHENG, Fang;TANG, Ganyi;YI, Yunyun;ZHANG, Zhenlin~

2023/07172 ~ Complete ~54:METHOD FOR PREPARING POLLEN FOR CITRUS CROSS POLLINATION ~71:Citrus Research Institute of Zhejiang Province, No. 11 Daqiao Road, Huangyan District, Taizhou City, Zhejiang Province, People's Republic of China ~72: HUANG Xiu;KE Fuzhi;NIE Zhenpeng;SUN Lifang;WANG Luoyun~

2023/07178 ~ Complete ~54:BUFFER SOLUTIONS FOR ELECTROPORATION ~71:PRECIGEN, INC., 20358 Seneca Meadows Parkway, Germantown, United States of America ~72: BUTMAN, Bryan;GREEN, Chad;ROBERTS, Steven;SLONE, Robert;SO, Vincent~ 33:US ~31:63/154,050 ~32:26/02/2021;33:US ~31:63/184,908 ~32:06/05/2021

2023/07191 ~ Complete ~54:HEEL SHROUD FOR MATERIAL MOVING IMPLEMENT AND ASSOCIATED METHODS ~71:Black Cat Wear Parts Ltd., 5604 59th Street, EDMONTON T6B 3C3, AB, CANADA, Canada ~72: RUVANG, John A.~ 33:US ~31:17/177,964 ~32:17/02/2021

2023/07196 ~ Complete ~54:IMMUNOMODULATORY ANTIBODY-DRUG CONJUGATES ~71:SEAGEN INC., 21823-30th Drive S.E., Bothell, United States of America ~72: BURKE, Patrick J.;CUMMINS, Elizabeth

J.;GARDAI, Shyra J.;GRAY, Elizabeth E.;HILL, Adam G.~ 33:US ~31:63/138,360 ~32:15/01/2021;33:US ~31:63/292,779 ~32:22/12/2021

2023/07171 ~ Complete ~54:INFLATABLE BUFFERING CHILD PROTECTIVE CLOTHING ~71:Heyuan Polytechnic, University Town, Yuancheng District, Heyuan City, Guangdong Province, 517000, People's Republic of China ~72: YUAN, Xiaowen;ZHANG, Feng~

2023/07181 ~ Complete ~54:SUBSTITUTED MACROCYCLIC COMPOUNDS AND RELATED METHODS OF TREATMENT ~71:ALKERMES, INC., 852 Winter Street, United States of America ~72: AQUILA, Brian, M.;BENTZIEN, Jörg, Martin;CHOI, Younggi;HALE, Michael, R.;HU, Yuan;HUYNH, Hoan;KARRA, Srinivasa;LEHMANN, Jonathan, Ward;MATHARU, Daljit;MUGGE, Ingo, Andreas;PENNINGTON, Lewis, D.;RAYMER, Brian, Kenneth;VALIULIN, Roman, A.;WOODS, James, R.~ 33:US ~31:63/128,404 ~32:21/12/2020;33:US ~31:63/190,937 ~32:20/05/2021

2023/07194 ~ Complete ~54:QUINOLINES AND AZAQUINOLINES AS INHIBITORS OF CD38 ~71:Boehringer Ingelheim International GmbH, Binger Strasse 173, 55216 INGELHEIM AM RHEIN, GERMANY, Germany ~72: DOWNING, Jennifer;KUNTZ, Kevin Wayne;SCHENKEL, Laurie B.;VASBINDER, Melissa Marie~ 33:US ~31:63/143,245 ~32:29/01/2021

2023/07174 ~ Complete ~54:MTORC MODULATORS AND USES THEREOF ~71:AEOVIAN PHARMACEUTICALS, INC., 8001 Redwood Boulevard, Novato, California, 94945, United States of America ~72: ALEXANDRE FROIDBISE;GUILLAUME EPPE;IAN J MASSEY;STELIOS T TZANNIS~ 33:US ~31:62/795,482 ~32:22/01/2019

2023/07182 ~ Complete ~54:CALCIUM HYDROXYAPATITE PARTICLES AND USE THEREOF ~71:MERZ NORTH AMERICA, 6501 Six Forks Road, Raleigh, NC 27615, United States of America ~72: ERICKSON, Dean;GROPPI, Christopher;HENGL, Thomas;LIGMAN, Tim;NOWAG, Bartosch;STRAGIES, Roland~ 33:EP ~31:21153473.0 ~32:26/01/2021

2023/07195 ~ Complete ~54:TREATMENT OF DISEASES WITH SEQUENTIAL ADMINISTRATION OF AN AGENT CAPABLE OF UP-REGULATING CD73 AND GLUCOCORTICOIDS ~71:Faron Pharmaceuticals Oy, Joukahaisenkatu 6, TURKU 20520, FINLAND, Finland ~72: JALKANEN, Juho;SPICER, Alexander~ 33:FI ~31:20215080 ~32:25/01/2021

2023/07176 ~ Complete ~54:A NOVEL REFERENCE LINE SCRIBING DEVICE AND METHOD FOR RAIL INSTALLATION ~71:CHINA RAILWAY (GUANGZHOU) INVESTMENT & DEVELOPMENT CO., LTD., Room 501-510, 601-610, No. 832, Yuejiang Middle Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China;CHINA RAILWAY TUNNEL STOCK CO., LTD., No. 99 Science Avenue, Zhengzhou High tech Industrial Development Zone, Zhengzhou City, Henan Province, 450000, People's Republic of China;ERCHU CO., LTD. OF CHINA RAILWAY TUNNEL GROUP, South Side of Xueyuan Road Street, Yanjiao Development Zone, Sanhe City, Langfang, Hebei Province, 065200, People's Republic of China;GUANGZHOU METRO GROUP CO., LTD., Tower A, Wansheng Plaza, No. 1238, Xingang East Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China ~72: Along WANG;Baofeng ZHAO;Chao LIN;Chen LIU;Chenliang WEI;Guangsheng LIANG;Hongxia GUO;Hui LI;Jiandang CHEN;Jiehua CHEN;Lie HE;Ming HE;Xinbo WANG;Ying CHEN;Yuesheng YE~ 33:CN ~31:2022113099876 ~32:25/10/2022

2023/07184 ~ Complete ~54:WIRELESS ROUTER WITH EMERGENCY BROADCAST FUNCTIONALITY ~71:Lu'an BoZhanChuangYan Technology Co., Ltd., Floor 2, Kechuang Center, the intersection of Yingbin Avenue and Gaocheng Road, Lu 'an Economic and Technological Development Zone, Anhui Province, 237000, People's Republic of China ~72: Zhao Wenjie~ 33:CN ~31:202310814589.8 ~32:04/07/2023

2023/07190 ~ Complete ~54:BEVERAGE DISPENSING PREVENTION ~71:WAYOUT INTERNATIONAL AB, Nybrogatan 8, Sweden ~72: EMDELIUS, Niclas;LISS, Mattias;RENCK, Martin;STENERHAG, Ulf~ 33:SE ~31:2051540-9 ~32:22/12/2020;33:SE ~31:2051541-7 ~32:22/12/2020;33:SE ~31:2051542-5 ~32:22/12/2020;33:SE ~31:2051543-3 ~32:22/12/2020;33:SE ~31:2051545-8 ~32:22/12/2020;33:SE ~31:2051546-6 ~32:22/12/2020;33:SE ~31:2051547-4 ~32:22/12/2020

2023/07199 ~ Complete ~54:LARGE-SCALE GNSS NETWORK PARALLEL RESOLUTION METHOD AND SYSTEM BASED ON DYNAMIC PARTIONING ~71:CHINA ENERGY ENGINEERING GROUP JIANGSU POWER DESIGN INSTITUTE CO., LTD., No. 10 Dujiang Road, Gulou District, Nanjing, Jiangsu, 210036, People's Republic of China ~72: Jie CHEN;Junmin XU;Ning WANG;Xiangwei ZHAO;Xiaohui YANG;Xin LI;Zhen QIN;Zhengyu CHEN~ 33:CN ~31:202110954281.4 ~32:19/08/2021

2023/07186 ~ Complete ~54:INTERLEUKIN-2 MUTANTS AND USES THEREOF ~71:VISTERRA, INC., 275 2nd Avenue 4th Floor Waltham, Massachusetts, 02451, United States of America ~72: BOOPATHY RAMAKRISHNAN;GREGORY BABCOCK;SCOTT MOORE CARLSON;SUSAN SLOAN;ZACHARY SHRIVER~ 33:US ~31:63/139,736 ~32:20/01/2021;33:US ~31:63/281,397 ~32:19/11/2021

2023/07189 ~ Complete ~54:NUTRIENT MEDIA FOR CELL CULTURE CONTAINING PLANT PROTEIN HYDROLYSATES ~71:BÜHLER AG, Gupfenstrasse 5, 9240, Uzwil, Switzerland ~72: BEATRICE CONDE-PETIT;FRANK CORDESMEYER;JAY O'NIEN~ 33:EP ~31:21156945.4 ~32:12/02/2021

2023/07177 ~ Complete ~54:A DEVICE FOR FIXING A PRE-BURIED CHUTE WITH A SEGMENT MOLD ~71:CHINA RAILWAY (GUANGZHOU) INVESTMENT & DEVELOPMENT CO., LTD., Room 501-510, 601-610, No. 832, Yuejiang Middle Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China;CHINA RAILWAY TUNNEL STOCK CO., LTD., No. 99 Science Avenue, Zhengzhou High tech Industrial Development Zone, Zhengzhou City, Henan Province, People's Republic of China;GUANGZHOU METRO GROUP CO., LTD., Tower A, Wansheng Plaza, No. 1238, Xingang East Road, Haizhu District, Guangzhou, Guangdong, 510000, People's Republic of China ~72: Along WANG;Chenliang WEI;Guixi GUO;Hongxia GUO;Hui LI;Jiandang CHEN;Jiehua CHEN;Lian ZHUANG;Lie HE;Shaohong CHEN;Xiangwei QI;Xianpeng LI;Xiaochun HE;Yuesheng YE~ 33:CN ~31:2022112700540 ~32:18/10/2022

2023/07187 ~ Complete ~54:PATHWAY MODULATOR, PHARMACEUTICAL COMPOSITION HAVING SAME, USE THEREOF, AND THERAPEUTIC METHOD USING SAME ~71:ASIERIS PHARMACEUTICALS (SHANGHAI) CO., LTD., 12F, Building 56, No.1000 Jinhai Road, City Of Elite, Pudong, Shanghai 201203, People's Republic of China;JIANGSU YAHONG MEDITECH CO., LTD., D-1009, New Drug Innovation Base, No. 1, Yaocheng Avenue, CMC Taizhou, Jiangsu, 225316, People's Republic of China ~72: JING LV;KE PAN;QIAOLING SUN;YIJUN DENG;YU CHEN~ 33:CN ~31:202110103435.9 ~32:26/01/2021

. - APPLIED ON 2023/07/19 -

2023/07215 ~ Complete ~54:ELECTRICAL SYSTEM, APPARATUS AND METHOD ~71:SCHNEIDER ELECTRIC (AUSTRALIA) PTY LIMITED, 78 Waterloo Road, Macquarie Park, Australia ~72: LIFRAN, Xavier~ 33:AU ~31:2014905203 ~32:22/12/2014;33:AU ~31:2014905209 ~32:22/12/2014;33:AU ~31:2014905210 ~32:22/12/2014;33:AU ~31:2014905211 ~32:22/12/2014;33:AU ~31:2014905212 ~32:22/12/2014;33:AU ~31:2014905213 ~32:22/12/2014

2023/07217 ~ Complete ~54:WIRELESS ROUTER WITH EMERGENCY BROADCASTING FUNCTIONALITY ~71:Lu'an BoZhanChuangYan Technology Co., Ltd., Floor 2, Kechuang Center, the intersection of Yingbin Avenue and Gaocheng Road, Lu 'an Economic and Technological Development Zone,, Anhui Province, 237000, People's Republic of China ~72: Zhao Wenjie~ 33:CN ~31:202310814602.X ~32:04/07/2023

2023/07222 ~ Complete ~54:FIXING SYSTEM OF A WEAR ELEMENT IN A SUPPORT ELEMENT OF AN EARTH MOVING MACHINE THROUGH A PIN, AND A RETAINER ~71:METALOGENIA RESEARCH & TECHNOLOGIES S.L., Àvila 45, 08005, Barcelona, Spain ~72: ANGEL MARTINEZ MAÑÉ;FRANCESC PICON MANJÓN;FRANCISCO PÉREZ SORIA;JAVIER ROL CORREDOR;JORDI MARQUEZ LLINAS~ 33:EP ~31:21382226.5 ~32:22/03/2021

2023/07228 ~ Complete ~54:METHOD FOR PREPARING STEEL SHEET STRIPS VIA ELECTRO-HYDROGEN COOPERATION UNDER MICROWAVE RADIATION ~71:NORTH CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY, No.21 Bohai Avenue, Caofeidian New City, Tangshan, Hebei, 063210, People's Republic of China ~72: AI, Liqun;GONG, Yuhan;HONG, Lukuo;SUN, Caijiao;ZHANG, Shen;ZHOU, Meijie~ 33:CN ~31:202310236084.8 ~32:13/03/2023

2023/07230 ~ Complete ~54:RADIOTHERAPY APPLICATOR ~71:ALPHA TAU MEDICAL LTD., 5 Kiryat Hamada Street, Jerusalem, Israel ~72: KELSON, Itzhak;MAGEN, Ofer;MAKOVSKY, Sraya;ZELLNER, Or~ 33:US ~31:63/159,499 ~32:11/03/2021

2023/07216 ~ Complete ~54:CONNECTION SYSTEM AND METHOD FOR ELECTRICAL OUTLETS ~71:SCHNEIDER ELECTRIC (AUSTRALIA) PTY LIMITED, 78 Waterloo Road, Macquarie Park, Australia ~72: DE MAN, Gerrit;REUTER, Mark~ 33:AU ~31:2014905203 ~32:22/12/2014;33:AU ~31:2014905209 ~32:22/12/2014;33:AU ~31:2014905210 ~32:22/12/2014;33:AU ~31:2014905211 ~32:22/12/2014;33:AU ~31:2014905212 ~32:22/12/2014;33:AU ~31:2014905213 ~32:22/12/2014

2023/07229 ~ Complete ~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~ 33:ZA ~31:2021/00410 ~32:20/01/2021

2023/07237 ~ Complete ~54:RENEWABLE ENERGY PLATFORM WITH OPTIMISED ASSEMBLY ~71:MARINE POWER SYSTEMS LIMITED, Unit 11 Clarion Court, Swansea Enterprise Park, United Kingdom ~72: FOSTER, Graham, David~ 33:GB ~31:2103365.9 ~32:11/03/2021;33:GB ~31:2113192.5 ~32:15/09/2021

2023/07206 ~ Complete ~54:METHOD FOR PREPARING QUALITY CONTROL MATERIAL FOR HIV-1 VIRAL LOAD PROFICIENCY TESTING USING 8E5 CELLS AND APPLICATION THEREOF ~71:National Center for AIDS/STD Control and Prevention,China CDC, 27 Nanwei Road, Xuanwu District, Xicheng District, Beijing, 100050, People's Republic of China ~72: JIN, Cong;LV, Yi;PAN, Pinliang;XING, Wenge;YAO, Jun~ 33:CN ~31:2023106274076 ~32:31/05/2023

2023/07212 ~ Complete ~54:INTERLEUKIN-18 VARIANTS AND METHODS OF USE ~71:Yale University, Two Whitney Avenue, NEW HAVEN 06510, CT, USA, United States of America ~72: FISCHER, Suzanne;RING, Aaron;ZHOU, Ting~ 33:US ~31:62/554,605 ~32:06/09/2017;33:US ~31:62/652,279 ~32:03/04/2018

2023/07205 ~ Complete ~54:A MINE PROP ~71:THE TREVOR CHARLES FROST FAMILY TRUST (IT 3642/95), 4 NUT AVENUE, OLIFANTSFONTEIN, GAUTENG, 1665, SOUTH AFRICA, South Africa ~72: SAMUEL, Richard, Fitzgerald;SCHALKWYK, Christopher;WOLLER, Siebert, de Villiers~ 33:ZA ~31:2022/07997 ~32:19/07/2022

2023/07207 ~ Complete ~54:A RARE EARTH DOPED NANO-COPPER ALLOY AND ITS PREPARATION METHOD ~71:China Jiliang University, No.258 Xueyuan Street, Baiyang Street, Qiantang District, Hangzhou City, Zhejiang Province, 310018, People's Republic of China ~72: Fenglang CHEN;Hui CHEN;Pengyue ZHANG;Zhishu YU~

2023/07226 ~ Complete ~54:ROTATING WAVE ENERGY ABSORBER ~71:MARINE POWER SYSTEMS LIMITED, The Warehouse Building Urban Village, Swansea, United Kingdom ~72: FOSTER, Dr Graham~ 33:GB ~31:2101430.3 ~32:02/02/2021

2023/07234 ~ Complete ~54:AN ARTICLE FOR USE IN A NON-COMBUSTIBLE AEROSOL PROVISION SYSTEM ~71:Nicoventures Trading Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: AUSTIN, Mark;BALLESTEROS GOMEZ, Pablo Javier;BIN MAJININ, Ninizam;FORSHAW, James;GRISHCHENKO, Andrei;KUMARAN A/L SIVARETNAM, Divya~ 33:GB ~31:2100865.1 ~32:22/01/2021

2023/07214 ~ Complete ~54:METHOD AND SYSTEM OF GENERATING RADIOTHERAPY PLAN FOR LUNG CANCER BASED ON DOSE PREDICTION AND AUXILIARY CONTOURS ~71:National Cancer Center/National Clinical Research Center for Cancer/Cancer Hospital, Chinese Academy of Medical Sciences and Peking Union Medical College, No.17, Panjiayuan Nanli, Chaoyang District, Beijing City, 100021, People's Republic of China ~72: Jianrong Dai;Junjie Miao;Zhiqiang Liu~ 33:CN ~31:202310616501.1 ~32:29/05/2023

2023/07218 ~ Complete ~54:AQUEOUS COMPOSITION OF AN ENGINEERED PROTEIN CONSTRUCT COMPRISING AN FC DOMAIN ~71:ARECOR LIMITED, Chesterford Research Park, Little Chesterford Saffron, United Kingdom ~72: GERRING, David;JEZEK, Jan~ 33:US ~31:63/150,510 ~32:17/02/2021

2023/07224 ~ Complete ~54:METHODS AND SYSTEMS FOR MAINTAINING A TIME MEASUREMENT ON AN ELECTRONIC DEVICE ~71:LEXMARK INTERNATIONAL, INC., 740 West New Circle Road, Lexington, Kentucky, 40550, United States of America ~72: JENNIFER TOPMILLER WILLIAMS~ 33:US ~31:63/256,618 ~32:17/10/2021;33:US ~31:17/727,743 ~32:23/04/2022

2023/07231 ~ Complete ~54:LECTIN PROTEIN FOR TREATMENT AND PREVENTION OF NEURODEGENERATIVE DISEASES ~71:UNICHEM LABORATORIES LTD, Unichem Bhavan, Prabhat Estate Off. S.V. Road, Jogeshwari (W) Mumbai, Maharashtra, 400102, India ~72: IYAPPAN, Sarvanakumar;PAWAR, Dilip;SATHE, Dhananjay~ 33:IN ~31:202121000832 ~32:07/01/2021

2023/07209 ~ Complete ~54:COMPOSITION FOR TREATING ACUTE HOOF INFLAMMATION OF DAIRY COWS AND PREPARATION METHOD THEREOF ~71:Northeast Agricultural University, No.600 Changjiang Road, Xiangfang District, Harbin, Heilongjiang, People's Republic of China ~72: CHI Xinyu;LIU Tao;ZHANG Jiantao;ZHANG Na~

2023/07221 ~ Complete ~54:DELIVERY MANAGEMENT SYSTEM AND DELIVERY MANAGEMENT METHOD ~71:KATSURA COMPANY, LTD., 1-1, Sakae-cho, Kanagawa-ku, Yokohama-shi , Kanagawa, 2210052, Japan ~72: KAZUYUKI NAKAMURA;KENJI KANEDA~

2023/07227 ~ Complete ~54:MATURATION OF IMMUNE AND METABOLIC PROCESSES VIA ALGAL BIOMASS AND/OR RELATED MATERIAL ADMINISTERED TO ANIMALS ~71:ZIVO BIOSCIENCE, INC., 21 East Long Lake Road, suite 100, Bloomfield Hills, United States of America ~72: DAHL, Andrew A.;PFUND, William P.;STEFFEK, Amy. E~ 33:US ~31:63/143,44 ~32:29/01/2021;33:US ~31:17/587,582 ~32:28/01/2022

2023/07232 ~ Complete ~54:SECURITY POLICY PROCESSING METHOD AND COMMUNICATION 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: HU, Li;WU, Rong~

2023/07213 ~ Complete ~54:BATTERY ASSEMBLY AND PHOTOVOLTAIC ENERGY STORAGE BOX ~71:SRNE SOLAR CO., LTD, 4th-5th Floor, 13A Building, Taihua Wutong Industrial Park, Sanwei Community,

Hangcheng Street, Baoan District, Shenzhen, Guangdong province, People's Republic of China ~72: CHEN, Yong;LI, Ke~ 33:CN ~31:202222240831.9 ~32:24/08/2022

2023/07219 ~ Complete ~54:NOVEL CONJUGATE OF IMMUNE-STIMULATING IL-2 ANALOG AND PREPARATION METHOD THEREOF ~71:HANMI PHARM. CO., LTD., 214, MUHA-RO, PALTAN-MYEON, HWASEONG-SI, GYEONGGI-DO 18536, REPUBLIC OF KOREA, Republic of Korea ~72: HEO, Yong Ho;KIM, Jin Young;KIM, Sang Yun;KIM, Yu Yon;LEE, A Ram;OH, Euh Lim;PARK, Da Hyeon;PARK, Jun Sub~ 33:KR ~31:10-2021-0042305 ~32:31/03/2021

2023/07223 ~ Complete ~54:COMPOSITION FOR THE NUTRITION OR DRINK OF A NON-HUMAN ANIMAL ~71:AGRO INNOVATION INTERNATIONAL, 18 Avenue, Franklin Roosevelt, 35400, Saint-Malo, France ~72: ANCA L LAZA KNOERR;AURIANE DE TONNAC;PHILIPPE DUMARGUE;SANDRA POINT~ 33:FR ~31:FR2101179 ~32:08/02/2021

2023/07233 ~ Complete ~54:ENHANCED LUBRICANT COMPOSITION ~71:Graphene Manufacturing Group Ltd, 90 Staghorn Street, ENOGGERA 4051, QUEENSLAND, AUSTRALIA, Australia ~72: NANJUNDAN, Ashok Kumar;NICOL, Craig;SCHEIWE, Timothy~ 33:AU ~31:2021900116 ~32:20/01/2021

2023/07236 ~ Complete ~54:INTELLIGENT MULTIFOCAL TORIC LENS ~71:AQUAMAX VISION CORPORATION, 48511 Warm Springs Blvd. Suite 203, Fremont, United States of America ~72: HUANG, Yi-Fang;LAN, Chia-Hung~ 33:ROC ~31:110105144 ~32:09/02/2021;33:ROC ~31:110140815 ~32:02/11/2021

2023/07208 ~ Complete ~54:DOUBLE-LAYER WRAPPED BIOLOGICAL COMPOUND FERTILIZER AND PREPARATION METHOD THEREOF ~71:Shandong Academy of Agricultrual Sciences, No.23788,Industry North Road, Licheng District, Jinan City, Shandong Province, 250100, People's Republic of China;Shandong Zhifeng Fertilizer Group Co., Ltd, No. 9 Yunlong Road, Liangshan County, Jining City, Shandong Province, People's Republic of China ~72: DING Yaoping;GU Feng;GUO Jihua;PANG Lei;TAN Deshui;WANG Lihong;WEI Jianlin;WU Dehua;ZHANG Yue~

2023/07210 ~ Complete ~54:SYSTEM AND METHOD FOR REDUCTION OF MOISTURE IN POROUS MATERIALS ~71:EAMBIENT, INC., 19 Massasoit Street, United States of America ~72: CALIANOS, Andreas~ 33:US ~31:63/503,505 ~32:22/05/2023;33:US ~31:63/513,030 ~32:11/07/2023

2023/07204 ~ Complete ~54:PREPARATION METHOD AND PREPARATION DEVICE OF BLACK PHOSPHORUS NANOPARTICLES ~71:GUIZHOU MINZU UNIVERSITY, Dongjiayan University Town, Huaxi District, Guiyang City, Guizhou Province, People's Republic of China ~72: GAO Lanxing;LI Shijiao;LI Yanpu;XIE Yadian;XUE Miaoxuan;XUE Yongheng;YU Hanqing~

2023/07211 ~ Complete ~54:GIRDER AND ARCH COMBINATION RIGID FRAME BRIDGE AND PIER CONSTRUCTION METHOD THEREOF ~71:CHINA CONSTRUCTION TUNNEL CORP.,LTD, 5th Floor, Haoli Building, No. 6, Babin Road, Banan District, Chongqing, 401320, People's Republic of China;CHONGQING JIAOTONG UNIVERSITY, No. 66, Xuefu Avenue, Nan'an District, Chongqing, 400074, People's Republic of China ~72: DAI, Yijun;DING, Yanchao;LAI, Yaping;LI, Yayong;SONG, Pengfei;TAN, Zhiwen;WANG, Peng;XIANG, Zhongfu;ZHANG, Bin;ZHOU, Shuai~

2023/07220 ~ Complete ~54:INORGANIC COMPOSITION AND FIBERS AND FLAKES THEREOF ~71:NIPPON FIBER CORPORATION, 2373-2, Fuse, Abiko-City, Chiba 2701162, Japan ~72: HIROSHI FUKAZAWA~ 33:JP ~31:2020-219360 ~32:28/12/2020;33:JP ~31:2021-156925 ~32:27/09/2021

2023/07225 ~ Complete ~54:SYNERGISTIC EFFECT OF SMN1 AND MIR-23 A IN TREATING SPINAL MUSCULAR ATROPHY ~71:JOINT STOCK COMPANY "BIOCAD", vn. ter.g poselok Strelna, p.

Strelna, ul. Svyazi, d. 38, str.1, Pomeshch, 89, Russian Federation ~72: GERSHOVICH, Pavel Mikhailovich;MADERA, Dmitriy Aleksandrovich;MOROZOV Dmitry Valentinovich;SIUTKIN, Aleksei Sergeevich;VESELOVA, Anna Sergeevna~ 33:RU ~31:2021102051 ~32:29/01/2021

2023/07235 ~ Complete ~54:OPTIMIZATION REGULATION METHOD AND SYSTEM FOR VIRTUAL POWER PLANT ~71:ZHEJIANG ZHENENG ENERGY SERVICE CO., LTD, 7/F, No. 152, Tianmushan Road, Xihu District, Zhejiang Province, People's Republic of China ~72: SUN, Chengfu;XU, Erfeng;YANG, Hua;ZHANG, Chengyu;ZHOU, Chong~ 33:CN ~31:202310100600.4 ~32:13/02/2023

. - APPLIED ON 2023/07/20 -

2023/07249 ~ Complete ~54:PRACTICAL TEACHING INTEGRATED EQUIPMENT FOR FINANCIAL COUNTING NOTES AND BUNDLING NOTES ~71:ANHUI SCIENCE AND TECHNOLOGY UNIVERSITY, Anhui Science and Technology College, Donghua Road, Fengyang County, Chuzhou City, Anhui Province, 233100, People's Republic of China ~72: DOU, Jiali;WANG, Yong~

2023/07254 ~ Complete ~54:AGED INSULATOR DISMOUNTING DEVICE ~71:Huaneng Tongliao Wind Power Co. Ltd, Intersection of Qinglongshan Street and Shengli North Road, Tongliao City 028000, Inner Mongolia, CHINA (P.R.C.), People's Republic of China ~72: An, Da;Fan, Dameng;Liang, Sichao;Liu, Guanglei;Wang, Xinlun;Zhang, Yaqi~ 33:CN ~31:2023105653573.0 ~32:19/05/2023

2023/07270 ~ Complete ~54:COMPOSITION OF PIG POLYCLONAL ANTIBODY FOR ITS USE TO TREAT AND/OR PREVENT ANTIBODY-DEPENDENT MACROPHAGE PRO-INFLAMMATORY CYTOKINE RELEASE IN A PASSIVE ANTI-INFECTIOUS IMMUNOTHERAPY ~71:XENOTHERA, 1 rue Vauban, 44000, Nantes, France ~72: BERNARD VANHOVE;CARINE CIRON;ODILE DUVAUX~ 33:EP ~31:20306688.1 ~32:23/12/2020;33:US ~31:63/129,964 ~32:23/12/2020

2023/07275 ~ Complete ~54:BICYCLIC TETRAHYDROAZEPINE DERIVATIVES FOR THE TREATMENT OF CANCER ~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72: BRANDSTAETTER, Marco;BRITSCHGI, Adrian;HUTTER, Roman;KUEHNE, Holger;KUHN, Bernd;LUEBBERS, Thomas;MARTIN, Laetitia Janine;MUELLER, Barbara Johanna;WICHMANN, Juergen~ 33:EP ~31:21156877.9 ~32:12/02/2021;33:EP ~31:21186928.4 ~32:21/07/2021

2023/07247 ~ Complete ~54:SUBWAY TUNNEL CONSTRUCTION SUPPORT ~71:CHINA RAILWAY 14TH BUREAU GROUP CORPORATION LIMITED, Block A, Tiejian Building, 2666 Aoti West Road, Lixia District, Jinan, Shandong, 250101, People's Republic of China;North China University of Water Resources and Electric Power, No. 36 North Ring Road, Zhengzhou City, Henan Province, 450045, People's Republic of China ~72: FU Jinwei;GUO Changlong;HE Kuang;SUN Lijun;WANG Decai~

2023/07253 ~ Complete ~54:HEAT DISSIPATING DEVICE OF CONTROL CABINET ~71:Huaneng Tongliao Wind Power Co. Ltd, Intersection of Qinglongshan Street and Shengli North Road, Tongliao City 028000, Inner Mongolia, CHINA (P.R.C.), People's Republic of China ~72: Dai, Yaliang;Geng, Jinfu;Song, Yinlong;Tan, Guoen;Wang, Guokui;Xue, Xiangtian;Zhang, Hongxin~ 33:CN ~31:2023105810818 ~32:23/05/2023

2023/07256 ~ Complete ~54:MAINTENANCE PLATFORM FOR TRANSFORMER ~71:Huaneng Tongliao Wind Power Co. Ltd, Intersection of Qinglongshan Street and Shengli North Road, Tongliao City 028000, Inner Mongolia, CHINA (P.R.C.), People's Republic of China ~72: Li, Bo;Li, Yunpeng;Wang, Li;Wang, Liming;Xue, Jiarui;Zhang, Guohui~ 33:CN ~31:2023105573189.0 ~32:17/05/2023

2023/07259 ~ Complete ~54:SUPPORT FRAME FOR TRANSPORTING WIND TURBINE BLADES ~71:Huaneng Fuxin Wind Power Generation Co., Ltd, Tougao village, Changyingzi town, Xinqiu district, Fuxin city 123005,

Liaoning Province, CHINA (P.R.C.), People's Republic of China ~72: Cheng, Shilin;Dong, Chenxi;Li, Xiaodong~ 33:CN ~31:2023106257333.0 ~32:30/05/2023

2023/07263 ~ Complete ~54:AEROSOL-GENERATING DEVICE AND SYSTEM COMPRISING AN INDUCTIVE HEATING DEVICE AND METHOD OF OPERATING THE SAME ~71:PHILIP MORRIS PRODUCTS S.A., Quai Jeanrenaud 3, Switzerland ~72: BUTIN, Yannick;GATTONI, Lucas;MOHSENI, Farhang;NESOVIC, Milica;STURA, Enrico~ 33:EP ~31:20217031.2 ~32:23/12/2020

2023/07264 ~ Complete ~54:METHOD AND DEVICE FOR AXIALLY REINFORCING ELECTROMAGNETIC FORMING COIL ~71:HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY, No.1037 Luoyu Road, Hongshan District, Wuhan, Hubei, 430074, People's Republic of China ~72: CAO, Quanliang;HAN, Xiaotao;LAI, Zhipeng;LI, Liang;LI, Shunqiang;XU, Wei;ZHENG, Yu~ 33:CN ~31:202011532213.0 ~32:23/12/2020

2023/07267 ~ Complete ~54:USE OF RESVERATROL IN CELL ELECTROTRANSFECTION AND ELECTROTRANSFECTION SOLUTION ~71:CHINA AGRICULTURAL UNIVERSITY, No. 2, Yuanmingyuan West Road, Haidian District, Beijing, 100193, People's Republic of China ~72: LI, Guangdong;LIAN, Zhengxing;LIU, Guoshi;LV, Dongying;WU, Hao;YAO, Yujun;ZHANG, Lu~ 33:CN ~31:202011568176.9 ~32:25/12/2020

2023/07271 ~ Complete ~54:IMPROVED JUICER ~71:CAPBRAN HOLDINGS, LLC, 11601 Wilshire Blvd., Suite 2300, Los Angeles, California, 90025, United States of America ~72: ROBERT FINNANCE~ 33:US ~31:17/190,858 ~32:03/03/2021

2023/07274 ~ Complete ~54:REMOTE OPERATION OF A POWERED BURDEN RAIL CAR ~71:RHT Rail Haul Technologies Corp., 998 Harbourside Drive, Suite 207, NORTH VANCOUVER V7P 3T2, BRITISH COLUMBIA, CANADA, Canada ~72: DONNELLY, Frank Wegner;MACIULEWICZ, Tony;WATSON, John D.~ 33:US ~31:63/128,621 ~32:21/12/2020

2023/07242 ~ Complete ~54:METHOD OF ARTIFICIAL SELECTION AND BREEDING OF NEW STRAIN OF ROASTED TOBACCO ~71:GUIZHOU TOBACCO SCIENCE RESEARCH INSTITUTE, No. 29 Longtanba Road, Guanshanhu District, Guiyang City, Guizhou Province, People's Republic of China ~72: CHEN Wei;CHEN Yi;JIANG Chaoying;LU Xianren;WU Youxiang;YANG Quanliu~

2023/07243 ~ Complete ~54:METHOD FOR DETERMINING PATHOGENICITY OF E. AMYLOVORA WITH FRAGRANT PEAR (PYURS SINKIANGENSIS YU) BRANCH IN VITRO WATER CULTURE METHOD ~71:XINJIANG AGRICULTURAL UNIVERSITY, NO. 311, NONGDA EAST ROAD, People's Republic of China ~72: HAN, Jian;LI, Hongtao;LUO, Ming;YUAN, Yingzhe~

2023/07252 ~ Complete ~54:SAFETY OPENING AND CLOSING DEVICE OF FAN TOWER COVER PLATE ~71:Huaneng Tongliao Wind Power Co. Ltd, Intersection of Qinglongshan Street and Shengli North Road, Tongliao City 028000, Inner Mongolia, CHINA (P.R.C.), People's Republic of China ~72: Chang, Shuai;Dai, Yaliang;Geng, Jinfu;Liu, Yan;Tan, Guoen;Wang, Guokui;Xue, Xiangtian~ 33:CN ~31:2023105869614.0 ~32:24/05/2023

2023/07257 ~ Complete ~54:WIND TURBINE GENERATOR SYSTEM PROVIDED WITH PROTECTIVE STRUCTURE ~71:Huaneng Tongliao Wind Power Co. Ltd, Intersection of Qinglongshan Street and Shengli North Road, Tongliao City 028000, Inner Mongolia, CHINA (P.R.C.), People's Republic of China ~72: An, Da;Dong, Xin;Fan, Dameng;Li, Shibin;Wang, Xi;Wang, Xinlun;Zhang, Yaqi~ 33:CN ~31:2023105592885.0 ~32:18/05/2023

2023/07269 ~ Complete ~54:A DATA PACKET TRANSACTION TIMING SOLUTION FOR A WIRELESS COMMUNICATION SYSTEM ~71:WIREPAS OY, Visiokatu 4, Tampere, 33720, Finland ~72: HANNU HIRVI;VILLE JUVEN~ 33:FI ~31:20206369 ~32:23/12/2020

2023/07241 ~ Complete ~54:A LARGE VOLUME DEVICE SYSTEM AND METHOD FOR MEASURING THE DRY DENSITY OF DIFFERENT DEPTH SOIL LAYERS ~71:Xi 'an University of Technology, No. 5 South Jinhua Road, Beilin District, Xi'an City, Shaanxi Province, 710048, People's Republic of China ~72: Changjun Qi;Hongru Li;Longfei Zhang;Xi Yang;Xiaoliang Wang;Xiaoning Han;Xingwei Zhao;Zaiqiang Hu;Zhenghong Liu~

2023/07248 ~ Complete ~54:RESEARCH METHOD FOR LOCALIZATION DETECTION OF CIRCRNA IN PLANTS ~71:Shandong Agricultural University, No.61 Daizong Street, Tai 'an city, Shandong Province, People's Republic of China ~72: DU Yuanpeng;GAO Zhen;LI Jing;SU Yifan;YAO Yuxin~

2023/07261 ~ Complete ~54:AEROSOL-GENERATING DEVICE AND SYSTEM COMPRISING AN INDUCTIVE HEATING DEVICE AND METHOD OF OPERATING THE SAME ~71:PHILIP MORRIS PRODUCTS S.A., Quai Jeanrenaud 3, Switzerland ~72: BUTIN, Yannick;GATTONI, Lucas;MOHSENI, Farhang;NESOVIC, Milica;STURA, Enrico~ 33:EP ~31:20217043.7 ~32:23/12/2020

2023/07272 ~ Complete ~54:DETECTION AND RECOVERY OF METALS FROM ORE ~71:ECO METALS RECOVERY (HOLDING) LIMITED, Pine Lodge, Suite 4 26 Pine Road, St. Michael, BB11113, Barbados ~72: DEAN JOHN ACKERMAN;SEAN GOODWIN~ 33:US ~31:63/128,569 ~32:21/12/2020

2023/07276 ~ Complete ~54:IDENTITY AUTHENTICATION METHOD AND APPARATUS, DEVICE, CHIP, STORAGE MEDIUM, AND PROGRAM ~71:CHINA IWNCOMM CO., LTD., A201, QinFeng Ge, Xi'an Software Park, No. 68 KeJi 2nd Road, People's Republic of China ~72: CAO, Jun;LAI, Xiaolong;LI, Qin;TIE, Manxia;WANG, Yuehui;ZHANG, Bianling;ZHAO, Xiaorong~ 33:CN ~31:202011569219.5 ~32:26/12/2020

2023/07245 ~ Complete ~54:APPLICATION METHOD FOR INOCULATING RHIZOBIA TO PROMOTE YIELD INCREASE AND QUALITY IMPROVEMENT OF SUBSURFACE DRIP IRRIGATION MEDICAGO SATIVA L. ~71:XINJIANG AGRICULTURAL UNIVERSITY, NO. 311, NONGDA EAST ROAD, People's Republic of China ~72: HAN, Jian;LI, Weijun;LUO, Ming;MA, Xia~

2023/07250 ~ Complete ~54:APPARATUS FOR LOCKING AND FIXING WIND TURBINE GENERATION ROTARY SHAFT CONTINUOUS LUBRICATING DEVICE ~71:Huaneng Fuxin Wind Power Generation Co., Ltd, Tougao village, Changyingzi town, Xinqiu district, Fuxin city 123005, Liaoning Province, CHINA (P.R.C.), People's Republic of China ~72: Cheng, Shilin;Dong, Chenxi;Li, Xiaodong;Yang, Jiaxing~ 33:CN ~31:2023106257348.0 ~32:30/05/2023

2023/07240 ~ Provisional ~54:SELF CLEANING UV LIGHT ~71:BOTHA, PAULUS QUARTUS, Erf 2530 Porteville, South Africa ~72: BOTHA, PAULUS QUARTUS~

2023/07246 ~ Complete ~54:INTELLIGENT ENGLISH TEACHING SYSTEM ~71:Hebei Chemical and Pharmaceutical College, No. 88, Fangxing Road, Yuhua District, Shijiazhuang City, Hebei Province, 050026, People's Republic of China ~72: ZHANG, Huiyan~ 33:CN ~31:2023106186662 ~32:29/05/2023

2023/07255 ~ Complete ~54:MULTIFUNCTIONAL TRANSFORMER BOX ~71:Huaneng Tongliao Wind Power Co. Ltd, Intersection of Qinglongshan Street and Shengli North Road, Tongliao City 028000, Inner Mongolia, CHINA (P.R.C.), People's Republic of China ~72: Li, Bo;Li, Shibin;Li, Yunpeng;Wang, Jinning;Wang, Liming;Wu, Wei~ 33:CN ~31:2023105592940.0 ~32:18/05/2023

2023/07262 ~ Complete ~54:AEROSOL-GENERATING DEVICE AND SYSTEM COMPRISING AN INDUCTIVE HEATING DEVICE AND METHOD OF OPERATING THE SAME ~71:PHILIP MORRIS PRODUCTS S.A., Quai Jeanrenaud 3, Switzerland ~72: BUTIN, Yannick;GATTONI, Lucas;MOHSENI, Farhang;NESOVIC, Milica;STURA, Enrico~ 33:EP ~31:20217040.3 ~32:23/12/2020

2023/07265 ~ Complete ~54:DEVICE FOR REMOVING FOREIGN MATTER FROM A LIQUID ~71:VITO AG, 6, Eltastrasse, Germany ~72: SCHMIDT, Andreas~ 33:DE ~31:10 2020 134 844.4 ~32:23/12/2020

2023/07268 ~ Complete ~54:IMAGE CAPTURING ASSEMBLY ~71:ANGLO AMERICAN STEELMAKING COAL (PTY) LTD, Level 11 201 Charlotte Street Brisbane, Queensland 4000, Australia ~72: IAN BAILEY~ 33:AU ~31:2020904826 ~32:23/12/2020

2023/07273 ~ Complete ~54:E. *COLI* FIMH MUTANTS AND USES THEREOF ~71:Pfizer Inc., 66 Hudson Boulevard East, NEW YORK 10001-2192, NY, USA, United States of America ~72: CHE, Ye;CHORRO, Laurent Oliver;DONALD, Robert George Konrad;GRIFFOR, Matthew Curtis;SILMON DE MONERRI, Natalie Clare~ 33:US ~31:63/130,153 ~32:23/12/2020;33:US ~31:63/185,425 ~32:07/05/2021;33:US ~31:63/282,244 ~32:23/11/2021

2023/07239 ~ Provisional ~54:CHESAFAST ~71:Ipeleng Gift Moatshe, 433 BUITEN DR, South Africa ~72: Ipeleng Gift Moatshe~

2023/07244 ~ Complete ~54:METHOD FOR RAPIDLY IDENTIFYING DISEASE RESISTANCE TO FIRE BLIGHT DISEASE BY IN VITRO BRANCH INOCULATION ~71:XINJIANG AGRICULTURAL UNIVERSITY, NO. 311, NONGDA EAST ROAD, People's Republic of China ~72: HAN, Jian;LI, Hongtao;LUO, Ming;YUAN, Yingzhe~

2023/07251 ~ Complete ~54:VERTICAL-AXIS WIND TURBINE GENERATOR ~71:Huaneng Tongliao Wind Power Co. Ltd, Intersection of Qinglongshan Street and Shengli North Road, Tongliao City 028000, Inner Mongolia, CHINA (P.R.C.), People's Republic of China ~72: Dai, Yaliang;Fu, Yingjian;Geng, Jinfu;Liu, Jiaxin;Liu, Zhenghong;Xue, Xiangtian;Yang, Chuanlong~ 33:CN ~31:202310585639X ~32:23/05/2023

2023/07258 ~ Complete ~54:TOWER FOR WIND TURBINE GENERATOR SYSTEM ~71:Huaneng Tongliao Wind Power Co. Ltd, Intersection of Qinglongshan Street and Shengli North Road, Tongliao City 028000, Inner Mongolia, CHINA (P.R.C.), People's Republic of China ~72: Dong, Xin;Liu, Guanglei;Wang, Li;Wu, Wei;Xue, Jiarui;Zhang, Guohui~ 33:CN ~31:2023105592847.0 ~32:18/05/2023

2023/07260 ~ Complete ~54:AEROSOL-GENERATING DEVICE AND SYSTEM COMPRISING AN INDUCTIVE HEATING DEVICE AND METHOD OF OPERATING THE SAME ~71:PHILIP MORRIS PRODUCTS S.A., Quai Jeanrenaud 3, Switzerland ~72: BUTIN, Yannick;GATTONI, Lucas;MOHSENI, Farhang;NESOVIC, Milica;STURA, Enrico~ 33:EP ~31:20217029.6 ~32:23/12/2020

2023/07266 ~ Complete ~54:LONG INDEXED-LINKED READ GENERATION ON TRANSPOSOME BOUND BEADS ~71:ILLUMINA, INC., 5200 Illumina Way, United States of America ~72: CHRISTIANSEN, Lena;POKHOLOK, Dmitry K.;SCHROTH, Gary;STEEMERS, Frank J.;THOMAS, Jerushah~ 33:US ~31:63/145,902 ~32:04/02/2021

. - APPLIED ON 2023/07/21 -

2023/07284 ~ Complete ~54:MICROORGANISMS AND METHODS FOR THE BIOLOGICAL PRODUCTION OF ETHYLENE GLYCOL ~71:LANZATECH, INC., 8045 Lamon Avenue, Suite 400, Skokie, Illinois, 60077, United States of America ~72: MICHAEL KOEPKE;RASMUS JENSEN~ 33:US ~31:62/607,446 ~32:19/12/2017;33:US ~31:62/683,454 ~32:11/06/2018

2023/07293 ~ Complete ~54:METHODS OF TREATMENT WITH S1P RECEPTOR MODULATORS ~71:PRIOTHERA LIMITED, 88 Harcourt St, Saint Kevin's, Ireland;PRIOTHERA SAS, 57 avenue du Général de Gaulle, France ~72: BUCHER, Christoph;DERTSCHNIG, Simone~ 33:IB ~31:PCT/IB2021/000033 ~32:28/01/2021;33:EP ~31:21199256.5 ~32:27/09/2021

2023/07308 ~ Complete ~54:POINT CLOUD ENCODING AND DECODING METHOD, ENCODER, DECODER AND COMPUTER STORAGE MEDIUM ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No.18 Haibin Road Wusha Chang'an, Dongguan, Guangdong, 523860, People's Republic of China ~72: FUZHENG YANG;LEI WEI;SHUAI WAN~

2023/07312 ~ Complete ~54:PROCESS TO MANUFACTURE AN INTERCONNECTED STACK OF THERMOPLASTIC FRAMES ~71:DUTCH INNOVATION IN AIR TREATMENT B.V., Rollecate 71B, 7711 GG, Nieuwleusen, Netherlands ~72: ARTHUR VAN DER LEE;VINCENT TRIP~ 33:NL ~31:2027649 ~32:25/02/2021

2023/07277 ~ Provisional ~54:WIRELESS POWER TRANSMISSION APPARATUS ~71:VAN DER WALT, Jacobus Stefanus, 6 Lloys Ellis Avenue, Mnandi AH, South Africa ~72: VAN DER WALT, Jacobus Stefanus~

2023/07280 ~ Complete ~54:BACILLUS ATROPHAEUS SXYGJ-3 FOR THE CONTROL OF CITRUS SOUR ROT, BIOLOGICAL BACTERIAL AGENT AND APPLICATION THEREOF ~71:Huzhou Agricultural Science and Technology Development Center, No. 768, Luwang Road, Wuxing District, Huzhou City, Zhejiang Province, 313002, People's Republic of China ~72: Ding Fuquan;Guo Liangyong;Liu Liping;Lu Hongying;Pei Huimin;Qian Wenchun;Shi Xingyun;Wang Li;Xu Shanshan;Yin Yiming;Zhang Yichao~ 33:CN ~31:2023105255190 ~32:11/05/2023

2023/07282 ~ Complete ~54:AN INTELLIGENT MULTI-SENSORY TRACK INSPECTION ROBOT SYSTEM ~71:China Jikan Research Institute of Engineering Investigations and Design, Co., Ltd., No.51 Xianning Middle Road, Xi'an City, Shaanxi Province, 710043, People's Republic of China ~72: Chao YANG;Dongfeng PAN;Dongjing WANG;Hui LI;Jian CHEN;Jie CAO;Long ZHANG;Peng GAO;Teng YANG;Weiwei ZHAO;Xiao DONG;Yonglin YANG;Yuanqiang ZHOU;Zaixin WAN;Zhenhong WEI;Zhi LIU~

2023/07287 ~ Complete ~54:DOUBLE-LAYER PHOTOVOLTAIC GLASS CURTAIN WALL WITH NATURAL VENTILATION AND HEAT DISSIPATION ~71:Xinyu University, 2666 Sunshine Avenue, High tech Zone, Xinyu City, Jiangxi Province, 338004, People's Republic of China ~72: Gong Xiaolin;Huang Xuewen;Li Yanbing;Li Yunling;Li Yunming;Liu Chengyu;Liu Yulong;Yan Xiaoqin~

2023/07290 ~ Complete ~54:PYRAZOLOPYRIDINE DERIVATIVES AND USES THEREOF ~71:NOVARTIS AG, Lichtstrasse 35, Switzerland ~72: BONAZZI, Simone;CERNIJENKO, Artiom;COBB, Jennifer Stroka;DALES, Natalie Alysia;DEWHURST, Janetta;HESSE, Matthew James;JAIN, Rama;KERRIGAN, John Ryan;MALIK, Hasnain Ahmed;MANNING, James R;O'BRIEN, Gary;PATTERSON, Andrew W;THOMSEN, Noel Marie-France;TING, Pamela YF~ 33:US ~31:63/161,139 ~32:15/03/2021;33:US ~31:63/164,130 ~32:22/03/2021

2023/07295 ~ Complete ~54:METHOD FOR PRODUCING PATIENT-OPTIMISED DOSAGE FORMS ~71:DIHESYS DIGITAL HEALTH SYSTEMS GMBH, Marie-Curie-Strasse 19, Germany ~72: DACHTLER, Markus;HUBER, Gerald~ 33:EP ~31:20212320.4 ~32:21/12/2020

2023/07301 ~ Complete ~54:VACCINE FOR MYCOPLASMA BOVIS ~71:ATG: Biosynthetics GmbH, Weberstrasse 40, MERZHAUSEN 79249, GERMANY, Germany;Intervet International B.V., Wim de Körverstraat 35, BOXMEER 5831 AN, THE NETHERLANDS, Netherlands ~72: BIJLSMA, Johanna Jacoba Elisabeth;KAMMINGA, Tjerko;MAIER, Josef~ 33:EP ~31:21156503.1 ~32:11/02/2021

2023/07314 ~ Complete ~54:FECAL LEAKAGE BOARD PRODUCTION EQUIPMENT ~71:Anhui Nongke Jiuhong Animal Husbandry Technology Co., Ltd, 10th Floor, Building A, Science And Technology Entrepreneurship Service Center, Lu'an Economic And Technological Development Zone, Anhui Province, People's Republic of China ~72: Yang Qing~

2023/07289 ~ Complete ~54:STACKED POWER SUPPLY MODULES ~71:SUNGROW ENERGY STORAGE TECHNOLOGY CO., LTD., No. 788, Mingchuan Road, Boyan Technology Park, People's Republic of China ~72: HUANG, Shuqiang;JI, Kepeng;SU, Jinguo~ 33:CN ~31:202320644845.9 ~32:28/03/2023

2023/07296 ~ Complete ~54:ANTI-CD123 BINDING MOLECULES AND USES THEREOF ~71:IGM Biosciences, Inc., 325 East Middlefield Road, MOUNTAIN VIEW 94043, CA, USA, United States of America ~72: AMOURY, Manal;HINTON, Paul R.~ 33:US ~31:63/150,488 ~32:17/02/2021;33:US ~31:63/249,455 ~32:28/09/2021

2023/07302 ~ Complete ~54:ANTI-PDGF-B ANTIBODIES AND METHODS OF USE FOR TREATING PULMONARY ARTERIAL HYPERTENSION (PAH) ~71:Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, TARRYTOWN 10591, NY, USA, United States of America ~72: GAO, Yinglin;KIM, Jee;MACDONNELL, Scott;SUNDARAM, Bharathi~ 33:US ~31:63/141,030 ~32:25/01/2021

2023/07306 ~ Complete ~54:MULTABODY CONSTRUCTS, COMPOSITIONS, AND METHODS ~71:THE HOSPITAL FOR SICK CHILDREN, 555 University Avenue, Toronto, Ontario, M5G 1X8, Canada ~72: EDURNE RUJAS DIEZ;JEAN-PHILIPPE JULIEN~ 33:US ~31:63/142,704 ~32:28/01/2021

2023/07309 ~ Complete ~54:AN EVAPORATOR PLATE HEAT EXCHANGER ~71:DUTCH INNOVATION IN AIR TREATMENT B.V., Rollecate 71B, 7711 GG, Nieuwleusen, Netherlands ~72: ARTHUR VAN DER LEE;VINCENT TRIP~ 33:NL ~31:2027648 ~32:25/02/2021

2023/07278 ~ Provisional ~54:THE APPLICATION OF FIBROUS COMPOSITE MATERIAL SYSTEMS ON CONVEYANCES ~71:Leon Harmsen, 18 Trevor Street, South Africa;Willem Jacobus Kotzé, 17 Klerk Street, South Africa ~72: Leon Harmsen;Willem Jacobus Kotzé~ 33:ZA ~31:A ~32:20/07/2023

2023/07279 ~ Provisional ~54:SECURITY THREAT DETECTION ~71:ENTERSEKT INTERNATIONAL LIMITED, Level 3, Alexander House, 35 Cybercity, Mauritius ~72: OOSTHUIZEN, Gerhard Gysbert~

2023/07281 ~ Complete ~54:A TEACHING ANTI REFLECTIVE BLACKBOARD ~71:Zhengzhou Railway Vocational & Technical College, No. 56, Pengcheng Avenue, Zhengdong New Area, Zhengzhou, People's Republic of China ~72: Hou Binbin;Li Min;Liu Xinfang;Luo Yan;Yan Ran;Zhi Jingjing~

2023/07283 ~ Complete ~54:PARAHYDROGEN AND ATOMIC HYDROGEN FUEL ~71:eCombustible Energy LLC, 16690 Collins Ave, Suite 1102, SUNNY ISLES BEACH 33160, FL, USA, United States of America ~72: AREVALO, Jorge;KIYAN, Carlos~ 33:US ~31:62/966,189 ~32:27/01/2020

2023/07285 ~ Complete ~54:A METHOD FOR COOLING OF A USER SPACE AND AIR CONDITIONING ARRANGEMENT ~71:LOCUS BONUM AB, Söderborgsvägen 32, 67195, Klässbol, Sweden ~72: ADAM FJAESTAD~ 33:SE ~31:2050061-7 ~32:23/01/2020

2023/07292 ~ Complete ~54:PLUGGING AGENT FOR OIL EXTRACTION IN OILFIELD AND A PREPARATION METHOD THEREFOR AND APPLICATION THEREOF ~71:CHINA PETROLEUM & CHEMICAL CORPORATION, No. 22 Chaoyangmen North Street, Chaoyang District, People's Republic of China;SINOPEC (BEIJING) RESEARCH INSTITUTE OF CHEMICAL INDUSTRY CO., LTD., No. 14 Beisanhuan East Road, Chaoyang District, People's Republic of China ~72: FANG, Zhao;HU, Xiaona;LI, Yajing;LIU, Xi;YANG, Jinbiao;YI, Zhuo;ZHANG, Ruiqi;ZHU, Lunyu~ 33:CN ~31:202011552715.X ~32:24/12/2020;33:CN ~31:202011552736.1 ~32:24/12/2020;33:CN ~31:202011554138.8 ~32:24/12/2020;33:CN ~31:202110049341.8 ~32:14/01/2021

2023/07303 ~ Complete ~54:CDK2 INHIBITORS AND METHODS OF USING THE SAME ~71:Cedilla Therapeutics, Inc., 245 First Street, 3rd Floor, CAMBRIDGE 02142, MA, USA, United States of America ~72:

BLAISDELL, Thomas P.;FEUTRILL, John;KIRMAN, Louise Clare;MICHOWSKI, Wojtek;PORTER Jr., Dale A.;RIPPER, Justin;SCHWARTZ, Carl Eric;SHERRILL, John Paul~ 33:US ~31:63/143,360 ~32:29/01/2021

2023/07307 ~ Complete ~54:METHODS OF MAKING TRANS ISOMERIC FORMS OF G PROTEIN-COUPLED RECEPTOR ~71:RAPT THERAPEUTICS, INC., 561 Eccles Avenue, South San Francisco, California, 94080, United States of America ~72: ASHKAAN YOUNAI;CYRIL BUCHER;DAVID J WUSTROW;GRANT SHIBUYA;JAMES P DAVIDSON;JEFFREY J JACKSON;MICHELLE YOO MIN KO;MIKHAIL ZIBINSKY~ 33:US ~31:63/144,878 ~32:02/02/2021

2023/07310 ~ Complete ~54:AUTOMATIC PHAGOGRAM ~71:VESALE BIOSCIENCE SRL, Rue Louis Allaert 9 B-5310 Noville sur Mehaigne (Eghezee), Belgium ~72: BOB BLASDEL;JEHAN LIENART VAN LIDTH DE JEUDE;JOHAN QUINTENS~ 33:BE ~31:BE2021/5084 ~32:04/02/2021

2023/07305 ~ Complete ~54:COMBINATION THERAPY INVOLVING ANTIBODIES AGAINST CLAUDIN 18.2 FOR TREATMENT OF CANCER ~71:ASTELLAS PHARMA INC., 5-1, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo, 1038411, Japan ~72: FUMITAKA KINUGASA;JANE WENG;PRANOB P BHATTACHARYA~ 33:US ~31:63/166,019 ~32:25/03/2021

2023/07316 ~ Complete ~54:TRANSACTION DATA PROCESSING SYSTEMS AND METHODS ~71:XERO LIMITED, 19-23 Taranaki Street, New Zealand ~72: CHEAH, Soon-Ee;DRIDAN, Rebecca;JEUNE, Hayden;PECHAN, Niklas Patrick;QIN, Fubiao;RUSU, Delia;THURIER, Quentin-Gabriel~ 33:AU ~31:2020904805 ~32:23/12/2020

2023/07288 ~ Complete ~54:A PROBABILITY DEMONSTRATION MODEL FOR MATH TEACHING ~71:XinYu University, 2666 Yangguang Avenue, High-tech Zone, Xinyu City, Jiangxi Province,338004, People's Republic of China ~72: Feng Daoming;Huang Xinren;Huang Yulong;Liu Kai;Pan Cheng~

2023/07291 ~ Complete ~54:HIGH OCTANE UNLEADED AVIATION GASOLINE ~71:SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., Carel van Bylandtlaan 30, HR The Hague, Netherlands ~72: BENNIS, Hanane Belmokaddem;SHEA, Timothy Michael~ 33:US ~31:63/153,097 ~32:24/02/2021

2023/07294 ~ Complete ~54:MEASLES-HIV OR MEASLES-HTLV VACCINE ~71:CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, 3, rue Michel-Ange, France;INSTITUT GUSTAVE ROUSSY (IGR), 39 Rue Camille Desmoulin, France;INSTITUT PASTEUR, 25-28, rue du Docteur Roux, France;VIROXIS, 11 rue Edouard Detaille, France ~72: HEIDMANN, Thierry;TANGY, Frédéric~ 33:EP ~31:21305032.1 ~32:13/01/2021;33:EP ~31:21305033.9 ~32:13/01/2021

2023/07298 ~ Complete ~54:METHOD OF IMPROVING PLANT GROWTH ~71:UPL Limited, UPL House, 610 B/2, off Western Express Highway, Bandra Village, Bandra- East, MUMBAI 400051, MAHARASHTRA, INDIA, India ~72: ANNADURAI, Prabhu;NAGANUR, Sunil;NARAYANASAMY, Rajapandian Ramanathan~ 33:IN ~31:202021006144 ~32:12/02/2020

2023/07313 ~ Complete ~54:DISINFECTION FUNGICIDE MIXER ~71:North China University of Science and Technology, #21 Bohai Road, Caofeidian Xincheng, Tangshan, People's Republic of China ~72: Wang Yongheng~ 33:CN ~31:202310543686.8 ~32:15/05/2023

2023/07286 ~ Complete ~54:HOUSEHOLD ENERGY STORAGE SYSTEM AND MODULE FIXING STRUCTURE THEREOF ~71:SUNGROW ENERGY STORAGE TECHNOLOGY CO., LTD., No. 788, Mingchuan Road, Boyan Technology Park, People's Republic of China ~72: HUANG, Shuqiang;SHI, Xiang~ 33:CN ~31:202222241717.8 ~32:24/08/2022

2023/07299 ~ Complete ~54:METHOD AND SYSTEM FOR ASSESSING A CONDITION OF A BOILER ~71:General Electric Company, 1 River Road, SCHENECTADY 12345, NY, USA, United States of America ~72: FERRY, Allan Gunn~ 33:US ~31:17/161,759 ~32:29/01/2021

2023/07311 ~ Complete ~54:BISPECIFIC CHIMERIC ANTIGEN RECEPTORS BINDING TO CD19 AND CD22 ~71:ELPIS BIOPHARMACEUTICALS, 128 Spring Street, Lexington, Massachusetts, 02421, United States of America ~72: JENNA NGUYEN;KEHAO ZHAO;KEMING ZHANG;YAN CHEN~ 33:US ~31:63/140,752 ~32:22/01/2021

2023/07297 ~ Complete ~54:AN AGROCHEMICAL COMPOSITION ~71:UPL Limited, UPL House, 610 B/2, off Western Express Highway, Bandra Village, Bandra- East, MUMBAI 400051, MAHARASHTRA, INDIA, India ~72: SHIRSHAT, Rajan Ramakant;WAGH, Pradeep~ 33:IN ~31:202021006143 ~32:12/02/2020

2023/07300 ~ Complete ~54:BLOCKING SENSITIVE DATA ~71:nChain Licensing AG, Grafenauweg 6, ZUG 6300, SWITZERLAND, Switzerland ~72: KIRAZ, Mehmet Sabir;LIU, Wai;VAUGHAN, Owen~ 33:GB ~31:2020414.5 ~32:22/12/2020

2023/07304 ~ Complete ~54:SUBSTITUTED CYCLIC MODULATORS OF PROTEIN PHOSPHATASE 2A (PP2A) AND METHODS USING SAME ~71:RAPPTA THERAPEUTICS OY, Haartmaninkatu 4, Terkko Health Hub, Helsinki, 00290, Finland ~72: FREDERIC CACHOUX;GEORGE L TRAINOR;LAURA FOURMOIS;MARIA OBDULIA RABAL GRACIA;OLGA GHERBOVET~ 33:US ~31:63/146,789 ~32:08/02/2021;33:US ~31:63/191,405 ~32:21/05/2021;33:US ~31:63/273,405 ~32:29/10/2021

2023/07315 ~ Complete ~54:RESIDUAL AND COEFFICIENTS CODING FOR VIDEO CODING ~71:Beijing Dajia Internet Information Technology Co., Ltd, Room 101D1-7, 1st Floor, Building 1, No. 6, Shangdi West Road, People's Republic of China ~72: CHEN, Wei;CHEN, Yi-Wen;JHU, Hong-Jheng;KUO, Che-Wei;WANG, Xianglin;XIU, Xiaoyu;YU, Bing~ 33:US ~31:63/133,765 ~32:04/01/2021

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

Application Number	Assignor	Assignee
2009/08675	METSO MINERALS (WEAR PROTECTION) AB	NORDBERG MILLS (SWEDEN) AB
2009/08675	NORDBERG MILLS (SWEDEN) AB	METSO MINERALS (SWEDEN) AB
2009/08675	METSO (SWEDEN) AB	METSO MINERALS OY
2017/01061	CADENT THERAPEUTICS, INC.	NOVARTIS AG
2018/06130	ASAHI KASEI KABUSHIKI KAISHA	FUTAMURA KAGAKU KABUSHIKI KAISHA
2022/07400	ASH, GREGORY JOHN and HOLLEY, JAMES HUNT	AFRICA SOUTH HYDROGEN PROPRIETARY LIMITED
2021/07751	RYAN DANIEL SELBY and RYAN KARKAIRAN	ALTRIA CLIENT SERVICES LLC
2019/06834	RYAN DANIEL SELBY and RYAN KARKAIRAN	ALTRIA CLIENT SERVICES LLC
2014/02446	METSO SWEDEN AB	METSO MINERALS OY
2014/00766	THYSSENKRUPP ROBINS, INC.	A-C EQUIPMENT SERVICES, CORP.
2014/00766	THYSSENKRUPP INDUSTRIAL SOLUTIONS (USA), INC.	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2014/00766	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S

Application Number	Assignor	Assignee
2016/04872	THYSSENKRUPP INDUSTRIAL SOLUTIONS (USA), INC.	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2016/04872	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2016/01901	THYSSENKRUPP AG	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2019/01901	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2016/06034	THYSSENKRUPP AG	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2016/06034	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2016/06177	THYSSENKRUPP AG	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2016/06177	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2016/06720	THYSSENKRUPP AG	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2016/06720	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2017/04908	THYSSENKRUPP AG	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2017/04908	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2018/04559	THYSSENKRUPP AG	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2018/04559	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2018/04907	THYSSENKRUPP AG	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2018/04907	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2018/05669	THYSSENKRUPP AG	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2018/05669	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2020/02219	THYSSENKRUPP AG	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2020/02219	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2016/04110	PROMORE PHARMA AB	PERGASUS AB
2022/02215	SHANDONG LABOR VOCATIONAL and TECHNICAL COLLEGE (SHANDONG LABOR TECHNICIAN COLLEGE)	FUTURE INTERNET OF THINGS TECHNOLOGY (SHANDONG) CO., LTD.
2018/06966	FUTABA CORPORATION	NOF CORPORATION
2014/06978	SHOWA DENKO K.K.	RESONAC CORPORATION
2022/00320	SHUANGYASHAN DONGHAO AGRICULTURAL SCIENCE & TECHNOLOGY CO., LTD.	LVYUAN CHINESE HERBAL MEDICINE PLANTING PROFESSIONAL COOPERATIVE IN SIHE VILLAGE TAIBAO TOWN SIFANGTAI DISTRICT SHUANGYASHAN CITY
2014/09067	THYSSENKRUPP INDUSTRIAL	FLSMIDTH A/S

Application Number	Assignor	Assignee
	SOLUTIONS AG	
2015/06293	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2015/06900	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2016/02072	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2016/03965	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2016/04825	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2021/09772	DART INDUSTRIES INC.,	WELLS FARGO BANK, NATIONAL ASSOCIATION (HYPOTHECATION)
2007/03433	ASSISTANCE PUBLIQUE-HOPITAUX DE PARIS, INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), INSTITUT GUSTAVE-ROUSSY, UNIVERSITE DE VERSAILLES-ST QUENTIN EN YVELINES and UNIVERSITE PARIS-SUD	ASSISTANCE PUBLIQUE- HOPITAUX DE PARIS, INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), INSTITUT GUSTAVE-ROUSSY, UNIVERSITE DE VERSAILLES-ST QUENTIN EN YVELINES and UNIVERSITE PARIS-SUD, UNIVERSITE PARIS-SACLAY
2014/01585	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2008/06297	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2009/05496	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2016/04879	DANFOSS POWER SOLUTIONS II TECHNOLOGY A/S	DANFOSS A/S
2011/04957	DANFOSS POWER SOLUTIONS II TECHNOLOGY A/S	DANFOSS A/S
2010/00565	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2011/07620	SETCOM (PTY) LTD	PAYFAST (PTY) LTD
2013/00682	SETCOM (PTY) LTD	PAYFAST (PTY) LTD
2013/04889	SETCOM (PTY) LTD	PAYFAST (PTY) LTD
2019/04471	MAGENTA THERAPEUTICS, INC.	HEIDELBERG PHARMA RESEARCH GMBH
2020/02584	MAGENTA THERAPEUTICS, INC.	HEIDELBERG PHARMA RESEARCH GMBH
2020/04539	X DEVELOPMENT LLC	MINERAL EARTH SCIENCES LLC
2020/04540	X DEVELOPMENT LLC	MINERAL EARTH SCIENCES LLC
2020/01103	CODIAK BIOSCIENCES, INC.	LONZA SALES AG
2020/03484	CODIAK BIOSCIENCES, INC.	LONZA SALES AG
2020/04683	CODIAK BIOSCIENCES, INC.	LONZA SALES AG
2020/05866	CODIAK BIOSCIENCES, INC.	LONZA SALES AG
2021/06811	CODIAK BIOSCIENCES, INC.	LONZA SALES AG
2022/00951	CODIAK BIOSCIENCES, INC.	LONZA SALES AG
2022/01839	CODIAK BIOSCIENCES, INC.	LONZA SALES AG
2022/01845	CODIAK BIOSCIENCES, INC.	LONZA SALES AG
2022/03637	CODIAK BIOSCIENCES, INC.	LONZA SALES AG
2016/04785	FRED HUTCHINSON CANCER CENTER	SEATTLE CANCER CARE ALLIANCE

Application Number	Assignor	Assignee
2009/01722	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2009/08111	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2004/05585	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	FLSMIDTH A/S
2022/08530	CILAG GMBH INTERNATIONAL	JNTL CONSUMER HEALTH I (SWITZERLAND) GMBH
2018/07786	SCORRBOARD, LLC	PACKAGING ACQUISITIONS I, LLC
2018/07785	SCORRBOARD, LLC	PACKAGING ACQUISITIONS I, LLC
2018/07783	SCORRBOARD, LLC	PACKAGING ACQUISITIONS I, LLC
2018/07784	SCORRBOARD, LLC	PACKAGING ACQUISITIONS I, LLC
2018/07251	SCORRBOARD, LLC	PACKAGING ACQUISITIONS I, LLC
2018/06997	SCORRBOARD, LLC	PACKAGING ACQUISITIONS I, LLC
2015/07250	SCORRBOARD, LLC	PACKAGING ACQUISITIONS I, LLC
2015/07249	SCORRBOARD, LLC	PACKAGING ACQUISITIONS I, LLC
2014/05875	TAYLOR, FREDERICK	GREEN CARBON, INC.
2013/00115	FREDERICK TAYLOR	GREEN CARBON, INC.
2013/03912	TIANJIN PASSION SCIENCE AND TECHNOLOGY CO., LTD.	QINGHAI BOHONG CHEMICAL TECHNOLOGY CO., LTD
2023/03404	ABRAHAMS, ABDUL KADER	MAGIC SOLUTIONS (PTY) LTD
2009/04559	BAYER INTELLECTUAL PROPERTY GMBH	BAYER CROPSCIENCE AKTIENGESELLSCHAFT
2018/06443	UNILEVER PLC	UNILEVER GLOBAL IP LIMITED
2019/06592	LAWRENCE A. BINEK, GABRIEL IDAN ROMAGNOLO and ANTHONYA. BINEK	NEXT DYNAMICS CORP.
2022/08397	CANNAXAN GMBH	APURANO PHARMACEUTICALS GMBH
2007/04655	BAYER INTELLECTUAL PROPERTY GMBH	BAYER CROPSCIENCE AKTIENGESELLSCHAFT
2019/01740	KBP BIOSCIENCES CO., LTD.	KBP BIOSCIENCES PTE. LTD.
2015/04485	KBP BIOSCIENCES CO., LTD.	KBP BIOSCIENCES PTE. LTD.
2021/06376	KBP BIOSCIENCES CO., LTD.	KBP BIOSCIENCES PTE. LTD.
2014/01570	VELOS MEDIA INTERNATIONAL LIMITED	ERICSSON LLC
2014/01570	ERICSSON LLC	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)

CHANGE OF NAME IN TERMS OF REGULATION 39

Application Number	In the name of	New name
2023/06287	FLAGSHIP PIONEERING, INC.	FLAGSHIP PIONEERING INNOVATIONS VI, LLC.
2009/08675	METSO MINERALS (SWEDEN) AB	METSO SWEDEN AB
2014/02446	METSO MINERALS (SWEDEN) AB	METSO SWEDEN AB
2014/02446	METSO MINERALS OY	METSO OUTOTEC FINLAND OY

Application Number	In the name of	New name
2014/00766	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2014/00766	A-C EQUIPMENT SERVICES, CORP.,	THYSSENKRUPP INDUSTRIAL SOLUTIONS (USA), INC.
2021/00279	THE LIVER COMPANY, INC.	ORSOBIO, INC.
2014/01585	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2010/00565	POLYSIUS AG	THYSSENKRUPP POLYSIUS AKTIENGESELLSCHAFT
2010/00565	THYSSENKRUPP POLYSIUS AKTIENGESELLSCHAFT	THYSSENKRUPP RESOURCE TECHNOLOGIES AG
2010/00565	THYSSENKRUPP RESOURCE TECHNOLOGIES AG	THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH
2010/00565	THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH
2010/00565	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2009/05496	POLYSIUS AG	THYSSENKRUPP POLYSIUS AKTIENGESELLSCHAFT
2009/05496	THYSSENKRUPP POLYSIUS AKTIENGESELLSCHAFT	THYSSENKRUPP RESOURCE TECHNOLOGIES AG
2009/05496	THYSSENKRUPP RESOURCE TECHNOLOGIES AG	THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH
2009/05496	THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH
2009/05496	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2008/06297	POLYSIUS AG	THYSSENKRUPP POLYSIUS AKTIENGESELLSCHAFT
2008/06297	THYSSENKRUPP POLYSIUS AKTIENGESELLSCHAFT	THYSSENKRUPP RESOURCE TECHNOLOGIES AG
2008/06297	THYSSENKRUPP RESOURCE TECHNOLOGIES AG	THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH
2008/06297	THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH
2008/06297	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2013/09399	WORG PHARMACEUTICALS (HANGZHOU) CO., LTD.	WORG PHARMACEUTICALS (ZHEJIANG) CO., LTD.
2022/02250	SWIFT ANCHORS LIMITED	SCHOTTEL MARINE TECHNOLOGIES LTD.
2020/03879	ORPH PHARMA IP COMPANY LIMITED	POOLBEG PHARMA (UK) LIMITED
2009/01722	POLYSIUS AG	THYSSENKRUPP POLYSIUS AKTIENGESELLSCHAFT
2009/01722	THYSSENKRUPP POLYSIUS AKTIENGESELLSCHAFT	THYSSENKRUPP RESOURCE TECHNOLOGIES AG
2009/01722	THYSSENKRUPP RESOURCE TECHNOLOGIES AG	THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH
2009/01722	THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH
2009/01722	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG

Application Number	In the name of	New name
2009/08111	POLYSIUS AG	THYSSENKRUPP POLYSIUS AKTIENGESELLSCHAFT
2009/08111	THYSSENKRUPP POLYSIUS AKTIENGESELLSCHAFT	THYSSENKRUPP RESOURCE TECHNOLOGIES AG
2009/08111	THYSSENKRUPP RESOURCE TECHNOLOGIES AG	THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH
2009/08111	THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH
2009/08111	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
2004/05585	POLYSIUS AG	THYSSENKRUPP POLYSIUS AKTIENGESELLSCHAFT
2004/05585	THYSSENKRUPP POLYSIUS AKTIENGESELLSCHAFT	THYSSENKRUPP RESOURCE TECHNOLOGIES AG
2004/05585	THYSSENKRUPP RESOURCE TECHNOLOGIES AG	THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH
2004/05585	THYSSENKRUPP RESOURCE TECHNOLOGIES GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH
2004/05585	THYSSENKRUPP INDUSTRIAL SOLUTIONS GMBH	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG

PATENT LICENSES IN TERMS OF SECTION 60-REGULATIONS 58-60 AND 64

Application Number	Licensor	Licensee
2013/09399	WORG PHARMACEUTICALS (HANGZHOU) CO., LTD.	BIOMAY AG

PATENT APPLICATIONS ABANDONED OR WITHDRAWN

Application Number	Not Open	Date
2019/01610	WITHDRAWN	18/07/2023
2022/09856	WITHDRAWN	18/07/2023
2023/06407	WITHDRAWN	04/07/2023

APPLICATION FOR RESTORATION OF A LAPSED PATENT

THE PATENTS ACT, No. 57 OF 1978

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

Notice is hereby given that **CLIMATE LLC,** whose address for service is **SPOOR & FISHER, CENTURION, PRETORIA** has applied to the registrar for the restoration of Patent No **2017/08126** entitled, **APPARATUS FOR DETERMINING NITRATE LEVELS, AND METHOD FOR MEASURING ION CONCENTRATION WITH A**

STANDARD DEVIATION CORRECTION dated **06/05/2016**, which lapsed on **27/11/2020** owing to the non-payment of the prescribed renewal fee.

Any person may oppose the restoration of the patent by lodging form P19 within two months of the date of this advertisement.

Notice is hereby given that **CLIMATE LLC,** whose address for service is **SPOOR & FISHER, CENTURION, PRETORIA** has applied to the registrar for the restoration of Patent No **2017/04163** entitled **SYSTEM AND METHODS FOR IDENTIFYING FIELDS AND TASKS**, dated **24/11/2015**, which lapsed on **27/05/2020** owing to the non-payment of the prescribed renewal fee.

Any person may oppose the restoration of the patent by lodging form P19 within two months of the date of this advertisement.

Notice is hereby given that **THE TEXAS A&M UNIVERSITY SYSTEM**, whose address for service is **SPOOR & FISHER, CENTURION, PRETORIA** has applied to the registrar for the restoration of Patent No **2015/07827** entitled **PATHOGEN RESISTANT CITRUS COMPOSITIONS, ORGANISMS, SYSTEMS, AND METHODS**, dated **20/10/2015**, which lapsed on **28/01/2021** owing to the non-payment of the prescribed renewal fee.

Any person may oppose the restoration of the patent by lodging form P19 within two months of the date of this advertisement.

Notice is hereby given that **LIONHEART TRUST**, whose address for service is **GALGUT & GALGUT, JOHANNESBURG** has applied to the registrar for the restoration of Patent No **2016/05743** entitled **ELECTRIC LOAD MANAGEMENT**, dated **18/08/2016**, which lapsed on **18/08/2020** owing to the non-payment of the prescribed renewal fee.

Any person may oppose the restoration of the patent by lodging form P19 within two months of the date of this advertisement

---

THE PATENTS ACT, No. 57 OF 1978

VOLUNTARY SURRENDER OF A PATENT UNDER SECTION 64 (1), REGULATION 67 OF THE ACT

No records available

APPLICATIONS TO AMEND SPECIFICATION

THE PATENTS ACT, 1978

APPLICATIONS TO AMEND SPECIFICATION

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

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

Registrar of Patents

INSPECTION OF SPECIFICATIONS

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

COPIES OF DOCUMENTS

The Patent Office, Private Bag X400, Pretoria, supplies copies of all patent and trade mark documents at the following rate: Photocopies: **R1, 00 per page**

COMPLETE SPECIFICATIONS ACCEPTED AND ABRIDGEMENTS OR ABSTRACTS THEREOF

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

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

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

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

Registrar of Patents

21: 2012/01775. 22: 2012/03/12. 43: 2023/06/05
51: A61K; A61P
71: ANCIENT FORMULAS INC
72: PEARSON WENDY, AGHAKHANI GOHLAM ABBAS
33: US 31: 61/240.336 32: 2009-09-08
54: COMPOSITION FOR IMPROVING LACTATION
00: -
Disclosed is a novel composition effective to improve lactation and milk production in an animal. In some embodiments the composition comprises a fiber-depleted fraction derived from fenugreek in combination with additives that synergistically improve the effective of the composition. Additives that enhance the effect of the fenugreek fraction can include apple cider vinegar, fennel seed powder, saw palmetto berry extract, kelp powder, and methylsulfonylmethane.

21: 2012/02595. 22: 2012/04/11. 43: 2023/06/05
51: A61K
71: JAGOTEC AG
72: MUELLER-WALZ RUDI, FUEG LISE-MARIE
33: GB 31: 0918150.4 32: 2009-10-16
54: IMPROVED FOMULATIONS
00: -
In a metered dose inhaler, comprising a canister and metering valve, containing a suspension aerosol

formulation comprising particles of formoterol fumarate dihydrate and fluticasone propionate suspended in an HFA propellant, a method of reducing deposition of particles on the surfaces of the canister and the metering valve, the method comprising the step of adding a wetting agent to the formulation.

21: 2012/03840. 22: 2012/05/25. 43: 2023/06/05
51: B66C; E02F
71: CQMS PTY LTD
72: BUHSE MURRAY
33: AU 31: 2009905892 32: 2009-11-26
54: A RIGGING ASSEMBLY FOR A DRAGLINE EXCAVATOR
00: -
A rigging assembly for a dragline excavator where the rigging assembly has a first upper hoist link and a second upper hoist link. The rigging assembly also has an equalization member extending between the first upper hoist link and the second upper hoist link. The equalization member is formed from a flexible material.

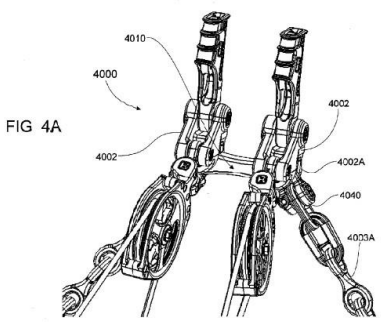
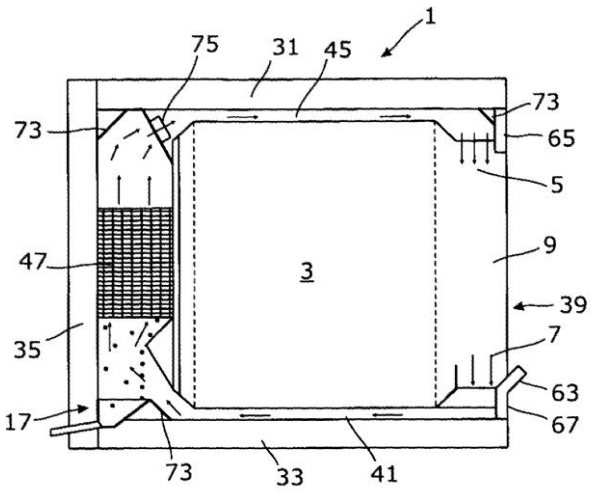


FIG 4A

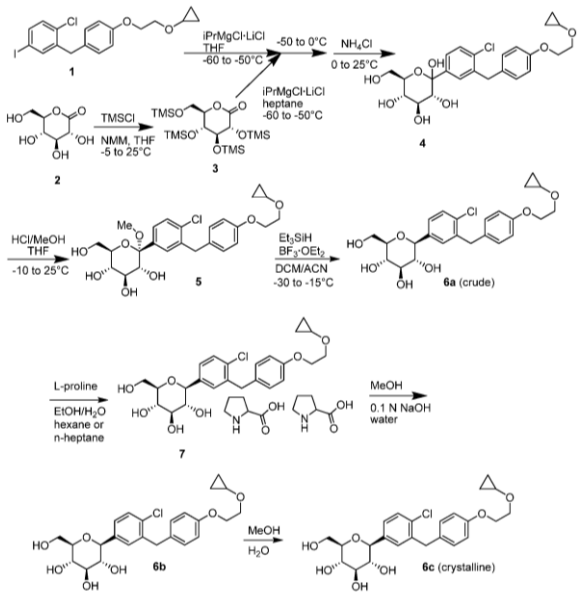
21: 2012/07791. 22: 2012/10/17. 43: 2023/06/05
51: A47F
71: APPLIED DESIGN AND ENGINEERING LTD
72: WOOD IAN, HAMMOND EDWARD
33: GB 31: 1005277.7 32: 2010-03-29
33: GB 31: 1005276.9 32: 2010-03-29
33: GB 31: 1005285.0 32: 2010-03-29
33: GB 31: 1005286.8 32: 2010-03-29
54: IMPROVEMENTS IN OR RELATING TO REFRIGERATED DISPLAY APPLIANCES
00: -
A refrigerated display unit (1), having an open-fronted cabinet providing a product display space (3) accessible through an access opening (39) provided by the open front. Cooling means (27) produces cold air to refrigerate items in the product display space (3). A cold air curtain is provided across the access opening (39) using a forwardly-positioned discharge outlet (5) communicating with a supply duct (45) and a forwardly-positioned return inlet (7) in communication with a return duct (41) receiving air from the air curtain (9). The air curtain (9) is substantially unsupported by any supplementary cooling airflow supplied into the product display space (3) separately from the air curtain (9).



21: 2013/02638. 22: 2013/04/12. 43: 2023/06/30
51: A61K; A61P
71: OCCURX PTY LTD
72: STAPLETON DAVID, KELLY DARREN JAMES
33: AU 31: 2010905197 32: 2010-11-24
54: METHODS OF TREATING EYE DISEASES ASSOCIATED WITH INFLAMMATION AND VASCULAR PROLIFERATION
00: -
Methods for treating eye diseases associated with inflammation and/or vascular proliferation in subjects are disclosed. The methods include administering therapeutically effective amounts of a tranilast compound, in particular (E)-2-[[3-(3-Methoxy-4-propargyloxy)phenyl)-1-oxo-2-propenyl]amino]benzoic acid or (E)-2-[[3,4-Bis(difluoromethoxy)phenyl)-1-oxo-2-propenyl]amino]benzoic acid or pharmaceutically acceptable salts or solvates thereof.

21: 2014/06899. 22: 2014/09/16. 43: 2023/06/30
51: A61K; C07C; C07H; A61P

71: THERACOS SUB LLC
72: XU, Baihua, LV, Binhua, XU, Ge, SEED, Brian, ROBERGE, Jacques
33: CN 31: PCT/CN2012/073697 32: 2012-04-10
54: PROCESS FOR PREPARATION OF BENZYLBENZENE SODIUM-DEPENDENT GLUCOSE COTRANSPORTER 2 (SGLT2) INHIBITORS
00: -
Provided are methods of making compounds having an inhibitory effect on sodium-dependent glucose cotransporter (SGLT) and synthetic intermediates useful for preparing such compounds.

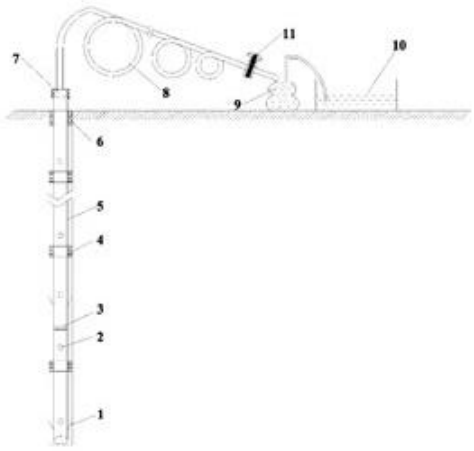


21: 2015/07527. 22: 2015/10/09. 43: 2023/05/17
51: B01L
71: NANOBIOSYM INC.
72: GOEL, ANITA
33: US 31: 61/875,661 32: 2013-09-09
33: US 31: 61/951,084 32: 2014-03-11
33: US 31: 61/790,354 32: 2013-03-15
54: SYSTEMS AND METHODS FOR MOBILE DEVICE ANALYSIS OF NUCLEIC ACIDS AND PROTEINS
00: -
A portable system for extracting, optionally amplifying, and detecting nucleic acids or proteins using a compact integrated chip in combination with a mobile device system for analyzing detected signals, and comparing and distributing the results via a wireless network. Related systems and methods are provided.

21: 2016/00483. 22: 2016/01/21. 43: 2023/06/30
51: B32B; C25B; H01M
71: ITM POWER (RESEARCH) LIMITED
72: MARCHAL, Frederic Andre
33: GB 31: 1312803.8 32: 2013-07-17
54: COMPOSITE HARDWARE FOR AN ELECTROCHEMICAL CELL
00: -
A composite cell plate comprises a polymer element laterally mated and interlocked, at a plurality of engagement points, with a resilient metal element. The cell plate can be used in an electrochemical cell.

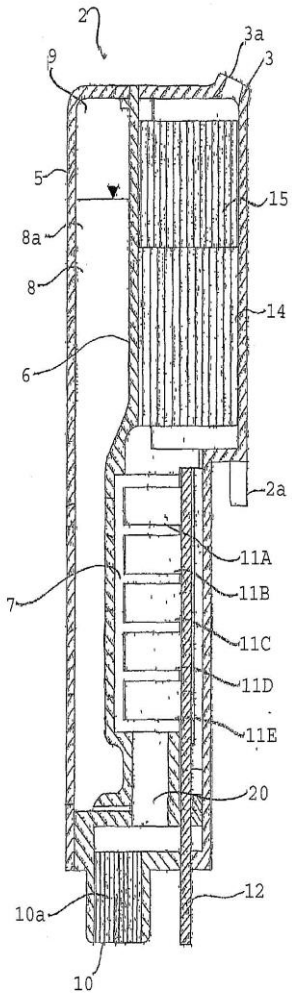
21: 2016/01356. 22: 2016/02/26. 43: 2023/05/08
51: E21F
71: CHINA UNIVERSITY OF MINING AND TECHNOLOGY
72: MA, Zhanguo, ZHAO, Guozhen, ZHANG, Fan, GONG, Peng, JIANG, Zhongxi, YANG, Jianli, ZHANG, Xinli, MA, Zhanlin, MA, Yunjing
33: CN 31: 201310321522.7 32: 2013-07-26
54: FISSURED SUBSTRATA WATER PUMPING APPARATUS AND METHOD
00: -
A fissured substrata water pumping apparatus and method. The fissured substrata water pumping apparatus comprises a water pumping pipe (5) made of a seamless stainless steel tube which extends into a hole drilled into substrata. An exposed end of the water pumping pipe (5) is connected to an annular drainage siphon (8) and a valve (11) by means of a connector (7). A plurality of water pumping holes (2) is disposed on the pumping pipe (5) at intervals. A one-way water baffle plate (3) is disposed inside the water pumping pipe (5). Rubber water-blocking rings (4) containing an expanding agent are sleeved on the outer wall of the water pumping pipe (5) at intervals. A sealant (6) is disposed between the outer wall of the top end of the water pumping pipe (5) and the inner wall of the drilled hole. An annular drainage siphon (8) connected to the water pumping pipe (5) is externally connected to a servo pump (9) and a water storage tank. The fissured substrata water pumping apparatus pumps water from substrata fissures according to the principle of a sealed fluid siphon, so that substrata water is prevented from softening bottom strata, thereby improving the stability of surrounding rock; in addition, water outflow volume is effectively controlled by means of

the disposed valve, thereby ensuring that the drainage siphon (8) is full of water at all times, and air is prevented from entering drilled holes and weathering rock strata.



21: 2016/05103. 22: 2016/07/21. 43: 2023/07/04
51: A61K; A61P
71: VANDA PHARMACEUTICALS INC.
72: DRESSMAN, Marlene, Michelle, POLYMEROPOULOS, Mihael, H., BAROLDI, Paolo
33: US 31: 61/927,465 32: 2014-01-14
33: US 31: 14/511,669 32: 2014-10-10
54: ADMINISTRATION OF TASIMELTEON UNDER FASTED CONDITIONS
00: -
One embodiment of the invention provides a method for administering tasimelteon to a human patient that comprises orally administering an effective dose of tasimeleon without fasted conditions. Fasted conditions may comprise administering the tasimelteon under food, no food at least 1/2 hour prior to administration, no food at least 1 hour prior to administration, no food at least 1-1/2 hours prior to administration, no food at least 2 hours prior to administration, no food at least 2-1/2 hours prior to administration, or no food at least 3 hours prior to administration. According to such embodiments, tasimelteon may be administered, for example, at a dose of 20 mg/d. Tasimelteon may be administered where, for example, the patient is being treated for a circadian rhythm disorder or for a sleep disorder, including, for example, Non-24 Disorder.

21: 2016/07058. 22: 2016/10/13. 43: 2023/05/26
51: A24F; A61K; A61M; B05B
71: Nicoventures Trading Limited
72: BUCHBERGER, Helmut, DICKENS, Colin John, FRASER, Rory
33: GB 31: 1407426.4 32: 2014-04-28
54: AN AEROSOL FORMING COMPONENT
00: -
An aerosol forming component for volatilising a liquid (8a) in an aerosol delivery device (1) and a corresponding method for volatilising said liquid in said aerosol delivery device are disclosed. The aerosol forming component comprises a first aerosol-forming member (11E) configured to be heated up to a first operating temperature and thereafter to a second higher operating temperature, and a second aerosol-forming member (11D) configured to be heated up to at least the first operating temperature as the first aerosol-forming member reaches the second higher operating temperature so that liquid volatilised from the two aerosol-forming members mix with one another.



21: 2017/02617. 22: 2017/04/12. 43: 2023/05/11
51: A01N; A01P
71: Bayer Cropscience LP
72: CURTIS, Damian, THOMPSON, Brian
33: US 31: 62/051,915 32: 2014-09-17
54: COMPOSITIONS COMPRISING RECOMBINANT BACILLUS CELLS AND A FUNGICIDE
00: -
The present invention relates to a composition comprising a) recombinant exosporium-producing Bacillus cells that express a fusion protein comprising: (i) at least one plant growth stimulating protein or peptide and (ii) a targeting sequence that localizes the fusion protein to the exosporium of the Bacillus cells; and b) at least one particular fungicide disclosed herein in a synergistically effective amount. Furthermore, the present invention relates to the use of this composition as well as a method for enhancing plant growth, promoting plant health, and/or reducing overall damage of plants and plant parts.

	SEQ ID NO.	20-35 % Identity	25-35 % Identity
MSNNNYSNGLNPDESLSASA**FDPNLVGPTLPPIPP**FTLPTG	1	100%	100%
MSEKYIILHGT**ALEPNLIGPTLPPIPP**FTFPNG	3	81.3%	90.9%
MVKVVEGNGGKSKIKSPLNSNF**KILSDLVGPTFPPVPT**GMTGIT	5	50.0%	72.7%
MKQNDKLWLDKG**IIGPENIGPTTPVLPP**IHIPTG	7	43.8%	54.5%
MDEFLSSA**ALNPGSVGPTLLPPMQP**FQFRTG	9	62.5%	72.7%
MFDKNEIQKINGILQAN**ALNPNLIGPTLPPIPP**FTLPTG	11	81.3%	90.9%
MFDKNEMKKTNEVLQAN**ALDPNLIGPTLPPIPP**FTLPTG	13	81.3%	81.8%
MSRKDKFNRSRMSRKDRFNSPKIKSEI**SISPDLVGPTFPPIPS**FTLPTG	15	62.5%	81.8%
MNEEYSILHGP**ALEPNLIGPTLPSIPP**FTFPTG	17	75.0%	81.8%
MKNRDNNRKQNSLSSNF**RIPPELIGPTFPPVPT**GFTGIG	19	50.0%	63.6%
MSDKHQMKKISEVLQAH**ALDPNLIGPPLPPITP**FTFPTG	21	75.0%	72.7%
MDEFLSFAA**LNPGSIGPTLPPVPP**FQFPTG	23	62.5%	72.7%
MDEFLSSTA**LNPCSIGPTLPPMQP**FQFPTG	25	56.2%	63.6%
MKERDRQNSLNSNF**RISPNLIGPTFPPVPT**GFTGIG	27	56.2%	63.6%
VFDKNEIQKINGILQAN**ALNPNLIGPTLPPIPP**FTLPTG	29	81.3%	90.9%
MDEFLYFAA**LNPGSIGPTLPPVQP**FQFPTG	31	56.2%	63.6%
MDSKNIGPTFPPLPSINFPTG	33	43.8%	54.5%
MIGPENIGPTFPILPPIYIPTG	35	43.8%	54.5%
MSNNNIPSPFFN**NFNPELIGPTFPPIPP**LTLPTG	43	68.8%	81.8%
MFSEKKRKDLIPDNFLSAPA**LDPNLIGPTFPPIPS**FTLPTG	45	75.0%	72.7%
MTRKDKFNRSRISRRDRFNSPKIKSEI**LISPDLVGPTFPPIPS**FTLPTG	47	62.5%	81.8%
MSRKDRFNSPKIKSEI**SISPDLVGPTFPPIPS**FTLPTG	49	62.5%	81.8%
MKERDNKGKQHSLNSNF**RIPPELIGPTFPPVPT**GFTGIG	51	50.0%	63.6%
MRERDNKRQQHSLNPNF**RISPELIGPTFPPVPT**GFTGIG	53	50.0%	63.6%
MKNRDNKGKQQSNF**RIPPELIGPTFPPVPT**GFTGIG	55	50.0%	63.6%
MKFSKKSTVDSSIVGKRVVSKVNILRFYDARSCQDKDVDGFVDVGELFTIFRKLNMEGSVQFKAHNSI GKTYYITINEVYVFVTVLLQYSTLIGGSYVFDKNEIQKINGILQAN**ALNPNLIGPTLPPIPP**FTLPTG	57	81.3%	90.9%

21: 2017/04320. 22: 2017/06/26. 43: 2023/06/12
51: A61K; C07K; G01N
71: PIERIS PHARMACEUTICALS GMBH
72: BEL AIBA, Rachida Siham, ALLERSDORFER, Andrea, WIEDENMANN, Alexander, ROTHE, Christine, OLWILL, Shane, GILLE, Hendrik, AUDOLY, Laurent
33: EP 31: 15152826.2 32: 2015-01-28
54: NOVEL PROTEINS SPECIFIC FOR ANGIOGENESIS
00: -
The present disclosure provides hNGAL muteins that bind Ang-2 and can be used in various application including pharmaceutical applications, for example, to inhibit or reduce angiogenesis. The present disclosure also concerns methods of making one or more muteins described herein as well as compositions and combinations comprising one or more of such muteins. The present disclosure further relates to nucleic acid molecules encoding such muteins and to methods for generation of such muteins and nucleic acid molecules. In addition, the application discloses therapeutic and/or diagnostic uses of these muteins as well as compositions and compositions comprising one or more of such muteins.

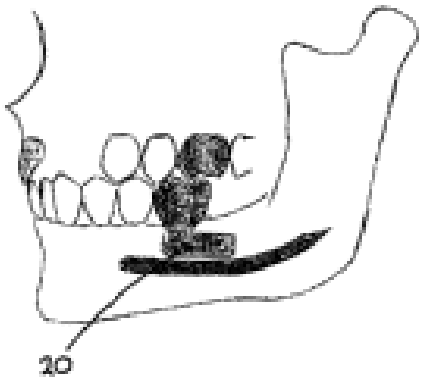
21: 2017/04777. 22: 2017/07/14. 43: 2023/07/17
51: A61K; C07D; A61P
71: MYOKARDIA, INC.
72: OSLOB, Johan, AUBELE, Danielle, KIM, Jae, MCDOWELL, Robert, SONG, Yonghong, SRAN, Arvinder, ZHONG, Min
33: US 31: 62/106,571 32: 2015-01-22
54: 4-METHYLSULFONYL-SUBSTITUTED PIPERIDINE UREA COMPOUNDS FOR THE TREATMENT OF DILATED CARDIOMYOPATHY (DCM)
00: -
The present invention provides novel 4-methylsulphone-substituted piperidine urea compounds that are useful for the treatment of dilated cardiomyopathy (DCM) and conditions associated with left and/or right ventricular systolic dysfunction or systolic reserve. The synthesis and characterization of the compounds is described, as well as methods for treating DCM and other forms of heart disease.

21: 2017/05587. 22: 2017/08/17. 43: 2023/06/12
51: D06M
71: GREEN IMPACT HOLDING AG
72: SWAMY, Rohini, SWAMY, Sanjeev
33: EP 31: 15000574.2 32: 2015-02-27
33: EP 31: 15203186.0 32: 2015-12-30
54: TEXTILES HAVING ANTIMICROBIAL PROPERTIES
00: -
The invention relates to a method of manufacturing a textile material with antimicrobial compounds in such a manner to chemically bind or attach said compounds to the textile material, and to the treated textile material which performs as a disinfectant or sterilizer on its own. The treated textile material exhibits wash-durability and non-leaching properties. The process comprises an exhaust process, wherein

the liquor comprises one or more antimicrobial agents, and subjecting the treated textile material to a heat treatment. The invention further relates to a device for purifying water, which can operate based on gravity and without electricity.

21: 2017/07247. 22: 2017/10/25. 43: 2023/06/30
51: A61K; C07K; G01N; A61P
71: PIERRE FABRE MEDICAMENT
72: JOUHANNEAUD, Alexandra
33: EP 31: 15305644.5 32: 2015-04-27
54: IGF-1R ANTIBODY AND ITS USE FOR THE DIAGNOSIS OF CANCER
00: -
The present invention relates to a novel antibody, in particular a monoclonal antibody, capable of binding to IGF-1R, as well as the amino and nucleic acid sequences coding for said antibody.

21: 2017/07739. 22: 2017/11/15. 43: 2023/05/17
51: A61C
71: The University of Melbourne
72: GAZELAKIS, Efthimios, PALAMARA, Joseph, JUDGE, Roy
33: AU 31: 2015901651 32: 2015-05-07
33: AU 31: 2016900901 32: 2016-03-10
54: DENTAL IMPLANT
00: -
A dental implant adapted for implanting within a jaw bone, the implant comprising a horizontally-oriented body having a length extending in the mesial-distal direction of the jaw bone, the body having a threaded cavity dimensioned for receiving a prosthetic abutment, and wherein the cavity comprises an opening that is located wholly within a buccolingual width of the body.



21: 2018/00359. 22: 2018/01/18. 43: 2023/04/26
51: A61K; A61P; C07K; C12N; C12P
71: JCR Pharmaceuticals Co., Ltd.
72: SONODA, Hiroyuki, TAKAHASHI, Kenichi
33: JP 31: 2015-144379 32: 2015-06-24
54: ANTI-HUMAN TRANSFERRIN RECEPTOR ANTIBODY PERMEATING BLOOD-BRAIN BARRIER
00: -
Disclosed is a means that can be used for modifying a biologically or pharmacologically active substance from a form incapable of permeating the blood-brain barrier to a form capable of permeating the blood-brain barrier. Also disclosed is a modified substance obtained by using the means. The means is anti-human transferrin receptor antibody and the modified substance is a molecular conjugate of a biologically active protein or a pharmacologically active low-molecular-weight compound and anti-human transferrin receptor antibody.

21: 2018/00534. 22: 2018/01/25. 43: 2023/05/11
51: C07K
71: F. Hoffmann-La Roche AG
72: CODARRI-DEAK, Laura, FERTIG, Georg, FISCHER, Jens, KLEIN, Christian, LEVITSKI, Viktor, LIFKE, Valeria, PERRO, Mario, REGULA, Joerg Thomas, SCHLOTHAUER, Tilman, SEEBER, Stefan, UMAÑA, Pablo, WUENSCHE, Ildiko, ZWICK, Adrian
33: EP(CH) 31: 15188065.5 32: 2015-10-02
33: EP(CH) 31: 15188036.6 32: 2015-10-02
54: BISPECIFIC ANTIBODIES SPECIFIC FOR PD1 AND TIM3
00: -
The invention relates to bispecific antibodies comprising a first antigen-binding site that specifically binds to PD1 and a second antigen-binding site that specifically binds to TIM3, in particular to bispecific antibodies, wherein the bispecific antibody binds to TIM3 with a lower binding affinity when compared to the binding to PD1. The invention further relates to methods of producing these molecules and to methods of using the same.

21: 2018/00566. 22: 2018/01/26. 43: 2023/05/11
51: E21B; G01V
71: Globaltech Corporation Pty Ltd
72: STEWART, Gordon, HILL, Raymond
33: AU 31: 2015903018 32: 2015-07-29

54: DEPLOYMENT OF DOWNHOLE SENSING DEVICE(S)

00: -

A downhole sensing device deployment control apparatus (10) includes means to control speed of the sensing device progressing within a borehole associated with a drilling operation. A mechanical, electrically powered and/or hydro-dynamic drag/damping means/device (12) can be provided as part of the control apparatus to control speed of deployment down the borehole. The drag device (12) can have a plurality of wheels or rollers to contact an internal bore of an inner pipe of a drill string. Rotation control means (24), (26) can be provided to control an amount of rotation and/or direction of rotation of the wheels or rollers relative to travel of the sensing device within the borehole. Valving (60) can be provided. A two stage (dual) flow/pressure control valve (100) can be provided. A sensing device (release 216) and downhole position latch (202) can be provided. The sensing device can be pumped into the borehole, such as by compressed air.

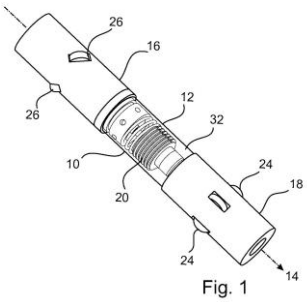


Fig. 1

21: 2018/00568. 22: 2018/01/26. 43: 2023/05/11
51: B29B; C08J; C08K
71: Cytec Industries Inc.
72: TIJHUIS, Dinand, TIJHUIS, Erwin, KOZAKIEWICZ, Joseph, ENG, Jerry Mon Hei, GUPTA, Ram B., VANZIN, David, MAJMUDAR, Shailesh
33: US 31: 62/199,265 32: 2015-07-31

54: ENCAPSULATED STABILIZER COMPOSITIONS

00: -

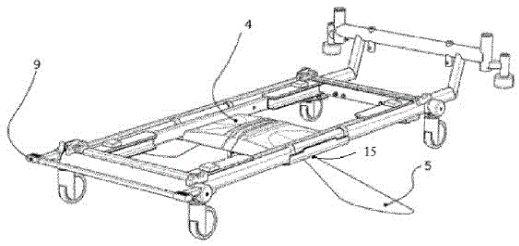
Resin masterbatch compositions are provided as closed end pellets having a core including at least one additive and an outer layer comprising a polymer encapsulating the core, in which the thickness of the outer layer if from 0.001 mm to 1 cm. A stabilized composition is prepared from an organic material to be stabilized and the resin masterbatch composition. A process for producing the resin masterbatch composition includes co-extruding in tubular form a core material encapsulated by an outer layer, wherein the core material comprises at least one additive, and the outer layer comprises a polymer, to form a filled tube; passing the filled tube into a sealing device that cuts the filled tube into multiple discrete segments seals and simultaneously seals each end of each discrete segment, thereby forming closed end pellets; and cooling the closed end pellets.

21: 2018/01257. 22: 2018/02/23. 43: 2023/05/26
51: A61G; F21V
71: Arjo IP Holding Aktiebolag
72: JÖNSSON, Jörgen, ALIM, Musadjan, SMITH, Danny
33: EP(SE) 31: 15182287.1 32: 2015-08-25

54: STATUS LIGHT ASSEMBLY FOR PATIENT HANDLING EQUIPMENT

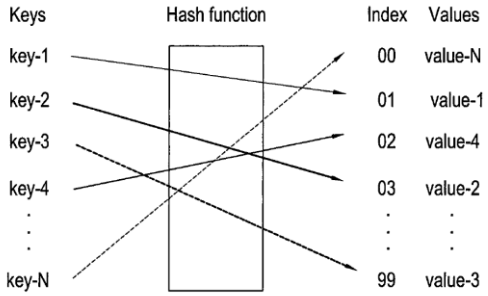
00: -

Patient handling equipment, such as a hospital bed (1), is provided with a propulsion system (4) and a status indicator light system incorporated in the propulsion system and operable to generate at least two light beams (5) beyond a perimeter (P) of the bed (1). The light indicator (5), which may have different colours, shapes or intensities, can indicate the state of propulsion of the system and generates light beams which are visible all around the equipment (1) so as to be visible to a carer from any angle. The apparatus may include an ambient light sensor disposed to defect floor level lighting conditions rather than general ambient light.



21: 2018/02644. 22: 2018/04/20. 43: 2023/06/12
51: A61K; C12N
71: HELMHOLTZ ZENTRUM MÜNCHEN - DEUTSCHES FORSCHUNGSZENTRUM FÜR GESUNDHEIT UND UMWELT (GMBH)
72: PROTZER, Ulrike, BAUER, Tanja, KOSINSKA, Anna, MUECK-HAEUSL, Martin
33: LU 31: 92942 32: 2016-01-12
54: MEANS AND METHODS FOR TREATING HBV
00: -
The present invention relates to an improved recombinant vaccination vector for the treatment or vaccination against hepatis B virus (HBV) as well as pharmaceutical compositions or vaccines comprising said recombinant vaccination vector for use in a method of vaccination against HBV, as well as kits comprising a vaccine the recombinant vaccination vector.

21: 2018/05079. 22: 2018/07/27. 43: 2023/05/11
51: G06Q
71: NCHAIN HOLDINGS LIMITED
72: WRIGHT, Craig Steven, SAVANAH, Stephane
33: GB 31: 1603125.4 32: 2016-02-23
33: GB 31: 1607058.3 32: 2016-04-22
54: A METHOD AND SYSTEM FOR SECURING COMPUTER SOFTWARE USING A DISTRIBUTED HASH TABLE AND A BLOCKCHAIN
00: -
A computer-implemented method (100) and system (1) for determining a metadata M for securing a controlled digital resource such as computer software using a distributed hash table (13) and a peer-to-peer distributed ledger (14). This is a blockchain such as the Bitcoin blockchain. The method includes determining (110) a data associated with the computer software and determining (120) a first hash value based on the computer software. A second hash value based on the data and the computer software may be determined (130). The method further includes sending 140, over a communications network (5), the data, the first hash value and the second hash value to an entry for storage in a distributed hash table (13). The second hash value may be a key of a key-value pair. The data and the first hash value may be a value in the key-value pair. A metadata (M) that is based on the second hash value may be determined (150) for storage on the peer-to-peer distributed ledger (14).



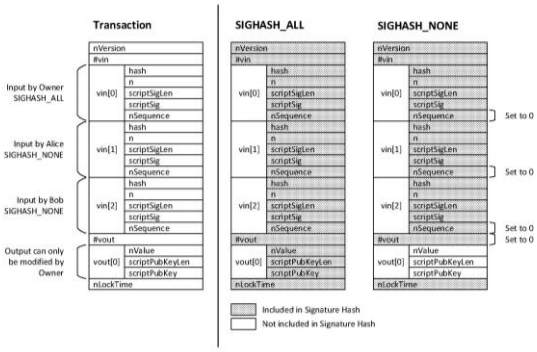
21: 2018/07518. 22: 2018/11/08. 43: 2023/05/02
51: C07D; A61K; A61P
71: XENON PHARMACEUTICALS INC.
72: ANDREZ, JEAN-CHRISTOPHE, BURFORD, KRISTEN NICOLE, CHOWDHURY, SULTAN, COHEN, CHARLES JAY, DEHNHARDT, CHRISTOPH MARTIN, DEVITA, ROBERT JOSEPH, EMPFIELD, JAMES ROY, FOCKEN, THILO, GRIMWOOD, MICHAEL EDWARD, HASAN, SYED ABID, JOHNSON, JAMES PHILIP JR, ZENOVA, ALLA YUREVNA
33: US 31: 62/339,773 32: 2016-05-20
33: US 31: 62/432,152 32: 2016-12-09
54: BENZENESULFONAMIDE COMPOUNDS AND THEIR USE AS THERAPEUTIC AGENTS
00: -
This invention is directed to benzenesulfonamide compounds, as stereoisomers, enantiomers, tautomers thereof or mixtures thereof; or pharmaceutically acceptable salts, solvates or prodrugs thereof, for the treatment of diseases or conditions associated with voltage-gated sodium channels, such as epilepsy.

21: 2018/07953. 22: 2018/11/23. 43: 2023/06/05
51: B22F; C22C
71: ALMAG S.P.A.
72: GNUTTI, Gabriele, BERTELLI, Marco
33: IT 31: 102016000051168 32: 2016-05-18
54: A METHOD FOR MANUFACTURING A LEAD-FREE OR LOW LEAD CONTENT BRASS BILLET AND BILLET THUS OBTAINED

00: -
A method for obtaining a lead-free or low lead content brass billet envisages subjecting a mixture of lead-free or low lead content brass chips and graphite powder to extrusion, either direct or inverted, obtaining lead-free or low lead content brass billets.

21: 2019/00341. 22: 2019/01/17. 43: 2023/04/26
51: A61K; C07K; C12N
71: Children's Medical Center Corporation, STENMARK, Paul
72: STENMARK, Paul, DONG, Min, ZHANG, Sicai
33: US 31: 62/360,239 32: 2016-07-08
54: A NOVEL BOTULINUM NEUROTOXIN AND ITS DERIVATIVES
00: -
Provided herein are Clostridial Botulinum neurotoxin (BoNT) polypeptides of a novel serotype (BoNT/X) and methods of making and using the BoNT polypeptides, e.g., in therapeutic applications.

21: 2019/00510. 22: 2019/01/24. 43: 2023/05/11
51: G06F; G06Q
71: nChain Holdings Limited
72: CHAN, Ying
33: GB 31: 1611698.0 32: 2016-07-05
54: A BLOCKCHAIN-IMPLEMENTED CONTROL METHOD AND SYSTEM FOR CONTROLLING AN EXTERNAL PROCESS OR SYSTEM
00: -
The invention provides a computer-implemented method and corresponding system which is implemented using an electronic ledger such as a blockchain. This may or may not be the Bitcoin blockchain. The invention can be used to implement, execute and/or control the performance of a task or process. A method according to the invention comprises the steps of generating a blockchain Transaction which comprises: at least one signed input which comprises a value; and at least one modifiable output. It further comprises the step of extracting the value from the signed input and providing it to a portion of logic to obtain a result; and using the result to modify the output of the Transaction. The transaction provides a record and/or representation of the execution of the portion of logic and/or the result. The signed input is provided to the Transaction using an unlocking script. The at least one input is signed using a signature hash type which renders the input as non-modifiable. This may be the signature hash type SIGHASH_NONE. The Transaction may further comprise at least one unsigned input. The unsigned input may be signed after the output has been modified. The unsigned input can be signed using a signature hash type which prevents modification of the whole Transaction, and may be the signature hash type is SIGHASH_ALL. Further the value can be embedded in a public key associated with the signed input; and extracted from the public key so as to provide it to the portion of logic. The portion of logic can be arranged to implement the functionality of a logic gate or combination of gates, such as an AND, NOT, OR, NOR, XOR, IMPLY, NAND, NONIMPLY or XNOR gate. Thus, the invention provides a highly versatile and useful technical approach for implementing tasks using a blockchain.



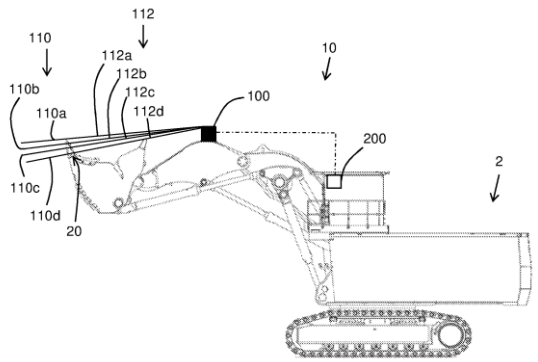
21: 2019/00708. 22: 2019/02/04. 43: 2023/05/26
51: E02F
71: CQMS PTY LTD

72: LESLIE, Bruce Alexander, HILLIER, Nicholas Simon

54: A WEAR MEMBER MONITORING SYSTEM

00: -

A wear member monitoring system for a ground engaging tool, the system including: a measuring assembly having: an emitting device configured to emit a measurement signal towards a wear member of the ground engaging tool; a detecting device configured to detect a reflected measurement signal in response to the measurement signal emitted towards the wear member; and a processor configured to: analyse the reflected measurement signal with a two dimensional reference model; and determine a condition of the wear member based on the analysis of the reflected measurement signal with the two dimensional reference model.



21: 2019/00772. 22: 2019/02/06. 43: 2023/05/17

51: A61K; C07K

71: Ajou University Industry-Academic Cooperation Foundation

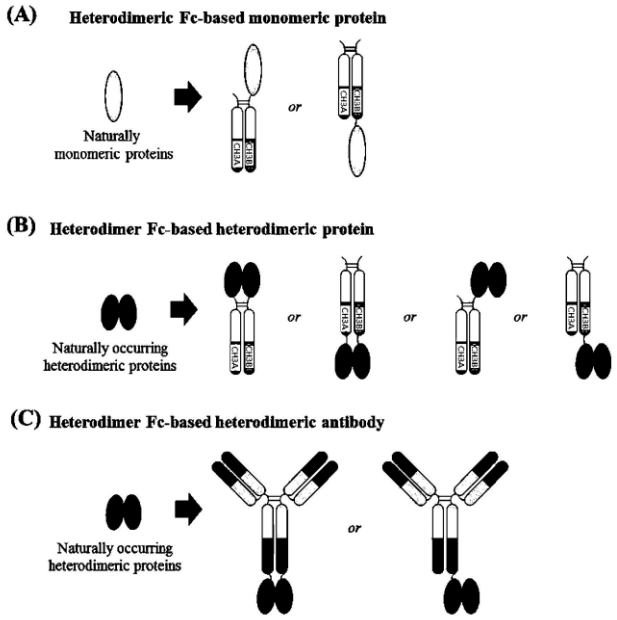
72: KIM, Yong Sung, JUNG, Keunok, HA, Ji Hee, KIM, Ye Jin, CHOI, Dong Ki, CHOI, Hye Ji

33: KR 31: 10-2016-0101823 32: 2016-08-10

54: HETERODIMERIC FC-FUSED CYTOKINE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME

00: -

The present invention relates to a heterodimeric Fc-fused protein and a pharmaceutical composition comprising the heterodimeric Fc-fused protein, wherein in the heterodimeric Fc-fused protein comprising a first Fc region and a second Fc region of a Fc region pair of an immunoglobulin while a subunit of a biologically active protein is bound to at least one of N-terminal or C-terminal of the first Fc region and/or the second Fc region, the first Fc region and the second Fc region are CH3 domains modified to promote the formation of a heterodimer. In the heterodimeric Fc-fused protein according to the present invention, two or more subunits form a protein complex, so that a protein constituting a biologically active protein can be fused to Fc in an original shape and structure as the protein exists in nature and thus the protein can maintain an original activity as the protein exists in nature. The use of the heterodimeric Fc-fused protein according to the present invention remarkably increases the in vivo half-life of a biologically active protein contained in the heterodimeric Fc-fused protein, and thus various types of biological activities can be maintained for a long time in the body.



21: 2019/02113. 22: 2019/04/04. 43: 2023/06/05

51: B01D; B01J; C02F; C22B

71: MINT INNOVATION LIMITED

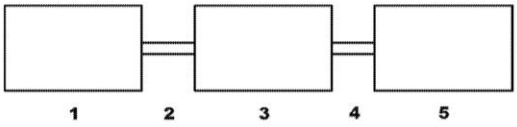
72: BARKER, Will, CRUSH, Oliver

33: NZ 31: 725785 32: 2016-10-31

54: METAL RECOVERY PROCESS

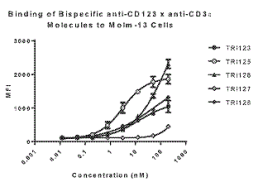
00: -

The invention relates to a process for recovering metals from aqueous solutions or solid feedstocks such as ores and waste. In particular, the invention relates to a method of recovering a target metals using a microorganism.



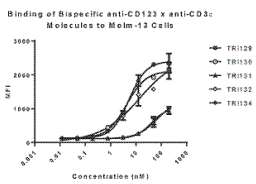
21: 2019/02323. 22: 2019/04/12. 43: 2023/05/26
51: A61K C07K
71: APTEVO RESEARCH AND DEVELOPMENT LLC
72: HERNANDEZ-HOYOS, Gabriela, SEWELL, Elaine, T., MCMAHAN, Catherine, J., BIENVENUE, David, BLANKENSHIP, John, W., MITCHELL, Danielle, PAVLIK, Peter
33: US 31: 62/397,736 32: 2016-09-21
33: US 31: 62/466,192 32: 2017-03-02
54: CD123 BINDING PROTEINS AND RELATED COMPOSITIONS AND METHODS
00: -
The present disclosure relates to protein molecules that specifically bind to CD123, which may have at least one humanized or human CD123-binding domain. Such molecules are useful for the treatment of cancer. The protein molecule binding to CD123 may have a second binding domain that binds to another target. In one embodiment, multi-specific polypeptide molecules bind both CD123-expressing cells and the T-cell receptor complex on T-cells to induce target-dependent T-cell cytotoxicity, activation, and proliferation. The disclosure also provides pharmaceutical compositions comprising the CD123-binding polypeptide molecules, nucleic acid molecules encoding these polypeptides and methods of making these molecules.

Figure 1A



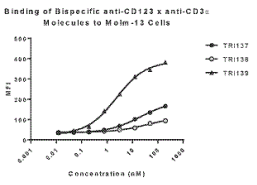
	TRI125
EC50 (nM)	3.14

Figure 1B



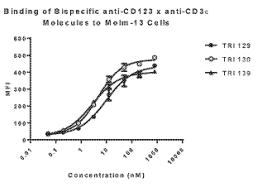
	TRI129	TRI130
EC50 (nM)	5.33	4.31

Figure 1C



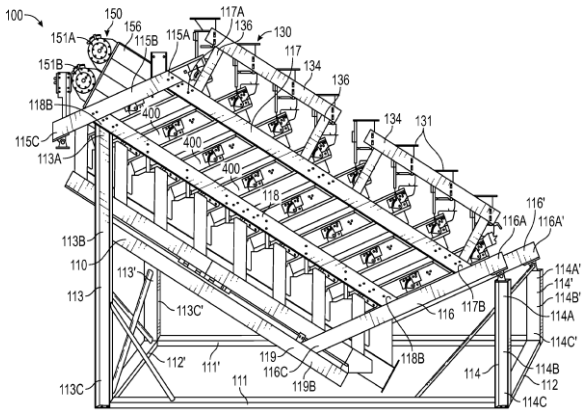
	TRI139
EC50 (nM)	2.33

Figure 1D

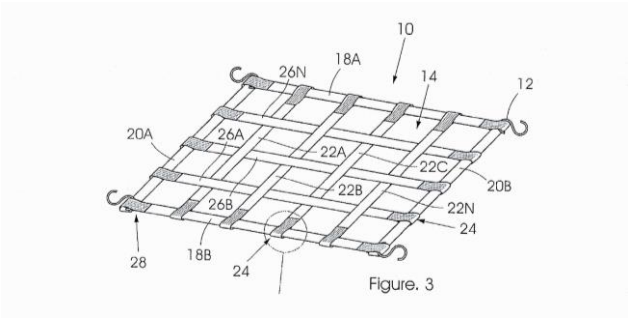


	TRI129	TRI130	TRI139
EC50 (nM)	9.69	4.65	2.81

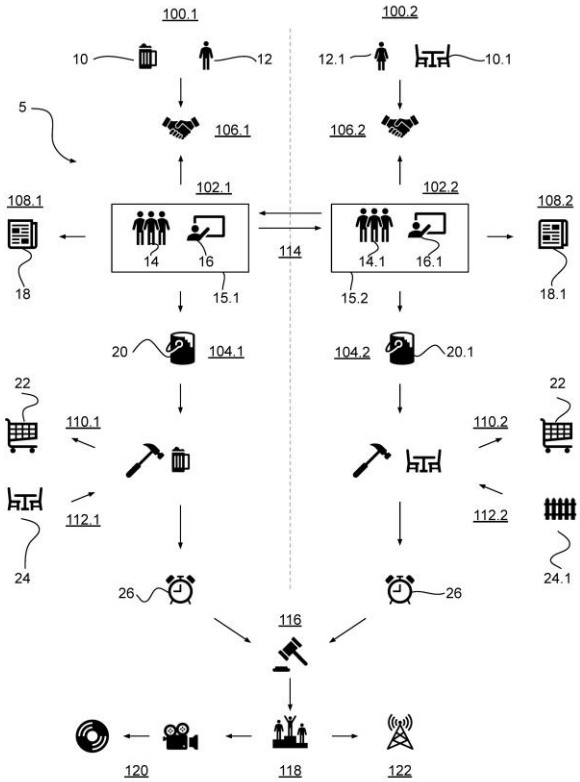
21: 2019/02400. 22: 2019/04/11. 43: 2023/05/08
51: B07B
71: DERRICK CORPORATION
72: COLGROVE, James R., PERESAN, Michael L.
33: US 31: 62/408,514 32: 2016-10-14
33: US 31: 62/488,293 32: 2017-04-21
54: APPARATUSES, METHODS, AND SYSTEMS FOR VIBRATORY SCREENING
00: -
Vibratory screening machines that include stacked screening deck assemblies are provided. In some embodiments, at least one of the vibratory screening machines can include an outer frame, an inner frame connected to the outer frame, and a vibratory motor assembly secured to the inner frame for vibrating the inner frame. A plurality of screen deck assemblies can be attached to the inner frame in a stacked arrangement, each configured to receive replaceable screen assemblies. The screen assemblies can be secured to respective ones of the plurality of the screen deck assemblies by tensioning the screen assemblies in a direction that a material to be screened flows across the screen assemblies. An undersized material discharge assembly can be configured to receive materials that pass through the screen assemblies, and an oversized material discharge assembly can be configured to receive materials that pass over the screen assemblies.



21: 2019/05951. 22: 2019/09/10. 43: 2023/03/10
51: E21F; F16P
71: NICAUD COMPANIES 22 (PTY) LTD
72: FLANAGAN, Frederick William
33: ZA 31: 2018/06030 32: 2018-09-10
54: MINE SAFETY NET WITH IMPROVED TENSILE STRENGTH
00: -
The invention provides a safety net which includes a quadrilateral mesh body which has a perimeter comprised of a pair of longitudinal members and a pair of transverse members, a first plurality of elongate tensile elements extending between the pair of longitudinal members, in a first direction, and a second plurality of elongate tensile elements extending between the pair of transverse members, in a second direction; wherein at the ends of each member, the member is folded back on itself to provide an overlapped portion, with part of the overlapped portion stitched together and part of the overlapped portion unstitched to provide an attachment loop; and wherein each attachment loop of a transverse member holds an attachment loop of a longitudinal member to provide a corner zone of the perimeter of the body.



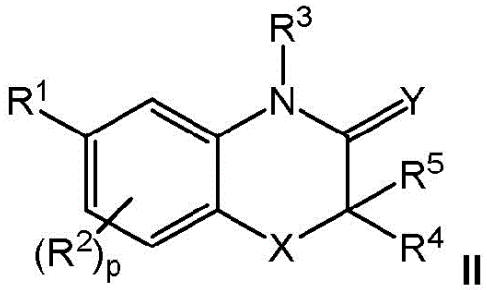
21: 2019/06941. 22: 2019/10/22. 43: 2023/06/07
51: A63F
71: RHT United (Pty) Ltd.
72: OPPERMAN, Richard Henry Theo, CONRADIE, Henck
33: ZA 31: 2018/07041 32: 2018-10-23
54: METHOD OF RENOVATING A COMMERCIAL PROPERTY
00: -
A method of renovating a commercial property which includes identifying commercial renovation projects, composing commercial renovation teams, assigning commercial renovation crews to the teams, setting a same timeframe for completion of the commercial property renovation projects, conducting the renovation projects within the timeframe, and comparing outcomes of the commercial renovation projects.



21: 2019/08165. 22: 2019/12/09. 43: 2023/05/29
51: C07H
71: Galectin Sciences, LLC
72: ZOMER, Eliezer, TRABER, Peter G., NIR, Raphael, SHECHTER, Sharon, JOHNSON, Joseph M., GEORGE, Ryan
33: US 31: 62/505,544 32: 2017-05-12
54: COMPOUNDS FOR THE PREVENTION AND TREATMENT OF DISEASES AND THE USE THEREOF

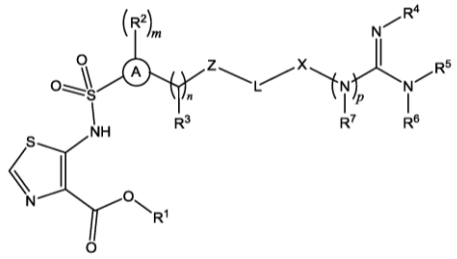
00: -
Aspects of the invention relate to novel synthetic compounds having binding affinity with galectin proteins.

21: 2020/00464. 22: 2020/01/23. 43: 2023/05/08
51: A01N; C07D
71: Redag Crop Protection Ltd.
72: URCH (Deceased), Christopher John, JACKSON, Victoria Elizabeth, MUIR, Calum William
33: GB 31: 1711839.9 32: 2017-07-24
54: BENZOXAZINONE DERIVATIVES USEFUL AS HERBICIDES
00: -
The present invention relates to compounds which are of use in the field of agriculture as herbicides. The compounds in question are of formula II and comprise a spirofused tricycle core: wherein R4 and R5 together with the carbon atom to which they are attached form a cyclic group.



II

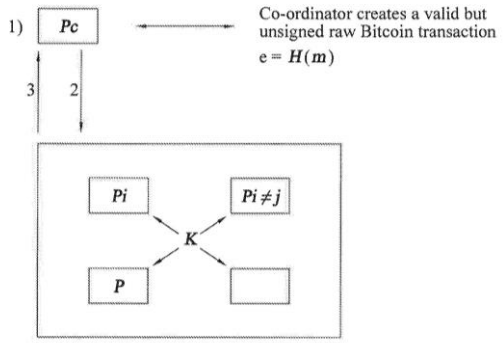
21: 2020/00529. 22: 2020/01/27. 43: 2023/06/05
51: A61K; C07D; A61P
71: ANTABIO SAS
72: DAVIES, David Thomas, LEIRIS, Simon, SPRYNSKI, Nicolas, EVERETT, Martin, ZALACAIN, Magdalena
33: EP 31: 17305973.4 32: 2017-07-21
33: EP 31: 18290003.5 32: 2018-01-08
33: EP 31: 18150903.5 32: 2018-01-09
54: CHEMICAL COMPOUNDS
00: -
The invention relates to a compound which is a thiazole derivative of Formula (I), or a pharmaceutically acceptable salt thereof, wherein R1, R2, R3, R4, R5, R6, R7, Formula (A), Z, L, X, m, n and p are as defined herein. The compounds are useful in the treatment and prevention of bacterial infection. The invention also relates to combinations of the compound of Formula (I) with further active agents.



(I)

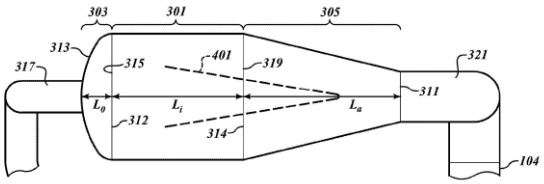
Ⓐ (A)

21: 2020/00644. 22: 2020/01/30. 43: 2023/05/29
51: H04L
71: nChain Holdings Limited
72: SAVANAH, Stephane, WRIGHT, Craig Steven
33: PCT/IB(GB) 31: 2017/054961 32: 2017-08-15
33: GB 31: 1713064.2 32: 2017-08-15
54: THRESHOLD DIGITAL SIGNATURE METHOD AND SYSTEM
00: -
A method of sharing a secret value is disclosed. The method comprises distributing respective first shares of a first secret value, known to a first participant (P_i), to a plurality of second participants ($P_{j\neq i}$), wherein said first shares are encrypted by means of at least one private-public key pair comprising a private key and a public key being an elliptic curve generator point multiplied by the private key and wherein a first threshold number of first shares is required in order to enable a second participant to determine the first secret value. At least one second share of a respective second secret value is received from each of a plurality of second participants, wherein the second shares are encrypted by means of at least one private-public key pair comprising a private key and a public key being an elliptic curve generator point multiplied by the private key, and a second threshold number of second shares is required in order to enable a participant other than that second participant to determine the second secret value. A third share of a third secret value is formed from a plurality of second shares, wherein a third threshold number of third shares is required in order to enable the third secret value to be determined.



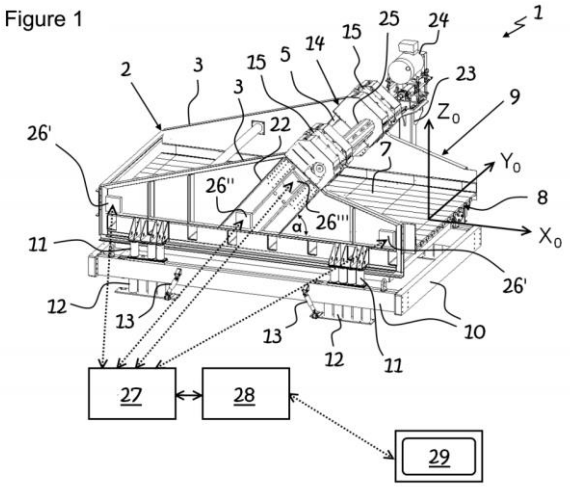
21: 2020/00946. 22: 2020/02/13. 43: 2023/05/11
51: B01D; C12M
71: Calysta, Inc.

72: NGUYEN, Luan Thanh, SILVERMAN, Joshua A., AYLEN, Graham Ian
33: US 31: 62/545,347 32: 2017-08-14
54: GAS-FED FERMENTATION REACTORS, SYSTEMS AND PROCESSES UTILIZING GAS/LIQUID SEPARATION VESSELS
00: -
Reactors, systems and processes for the production of biomass by culturing microorganisms in aqueous liquid culture medium circulating inner loop reactor which utilize nonvertical pressure reduction zones are described. Recovery and processing of the culture microorganisms to obtain products, such as proteins or hydrocarbons is described.



21: 2020/01136. 22: 2020/02/24. 43: 2023/06/05
51: G01M
71: SCHENCK PROCESS EUROPE GMBH
72: SCHAEFER, Jan, JOPSKI, Roland, RAIS, Viktor, BOHRMANN, Dino, DITTRICH, Harald
33: DE 31: 10 2017 009 373.3 32: 2017-10-10
54: MOBILE DEVICE FOR DETECTING THE STATE PARAMETERS AND OPERATING PARAMETERS OF VIBRATING MACHINES, VIBRATING MACHINE EQUIPPED WITH SUCH A DEVICE, AND METHOD FOR DETECTING THE OPERATING AND STATE PARAMETERS OF VIBRATING MACHINES
00: -
In a mobile device for detecting the state parameters and operating parameters of vibrating machines (1), which comprise sensor units (26', 26", 26'") and an evaluation unit (29) connected to the sensor units (26', 26", 26'"), the measurement data detected by the sensor units (26', 26", 26'") being wirelessly transmittable to the evaluation unit (29), and each sensor unit (26', 26", 26'") being equipped with at least three acceleration sensors oriented orthogonally to each other and an integrated circuit for processing the measurement data detected by the sensor units (26', 26", 26'"), it is provided that at least four sensor units (26', 26", 26'") form a sensor network, the sensor units (26', 26", 26'") being detachably fastenable at a distance from each other with an undetermined orientation/direction to the vibrating machine (1), and a local coordinate system (X1, Y1, Z1) being defined by the at least three acceleration sensor of a sensor unit (26', 26", 26'"), the local measurement data detected in a sensor unit (26', 26", 26'") being related to the spatial axes of the coordinate system, and each sensor unit (26', 26", 26'") including a gravity sensor for detecting the orientation/direction of the local coordinate system X1, Y1, Z1 in space, and the evaluation unit (29) including an apparatus for transforming the local measurement data into a superordinate uniform coordinate system X0, Y0, Z0, taking into account the measurement data of the gravity sensor.

Figure 1

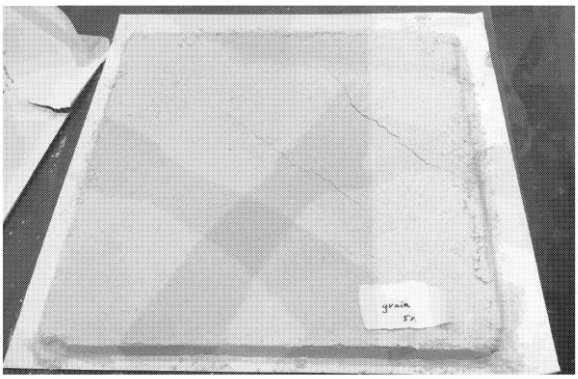


21: 2020/01503. 22: 2020/03/10. 43: 2023/05/29
51: A61K; A61P; C07D
71: Global Blood Therapeutics, Inc.
72: LI, Zhe, YU, Ming, XU, Qing, ZANCANELLA, Manuel
33: US 31: 62/545,936 32: 2017-08-15
54: TRICYCLIC COMPOUNDS AS HISTONE METHYL-TRANSFERASE INHIBITORS
00: -
The present disclosure provides certain tricyclic compounds that are histone methyltransferases G9a and/or GLP inhibitors and are therefore useful for the treatment of diseases treatable by inhibition of G9a and/or GLP such as cancers and hemoglobinopathies (e.g., beta-thalassemia and sickle cell disease). Also provided are pharmaceutical compositions containing such compounds and processes for preparing such compounds.

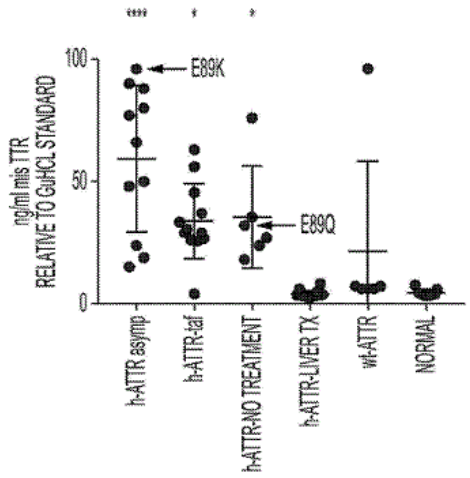
21: 2020/01810. 22: 2020/03/23. 43: 2023/05/30
51: A01N A61K
71: ENANTA PHARMACEUTICALS, INC.
72: QIU, Yao-Ling, CAO, Hui, GAO, Xuri, KASS, Jordan, LI, Wei, PENG, Xiaowen, SUH, Byung-Chul, OR, Yat, Sun
33: US 31: 62/550,992 32: 2017-08-28
54: HEPATITIS B ANTIVIRAL AGENTS
00: -
The present invention discloses compounds of Formula (I), or pharmaceutically acceptable salts, esters, or prodrugs thereof: which inhibit the protein(s) encoded by hepatitis B virus (HBV) or interfere with the function of the HBV life cycle of the hepatitis B virus and are also useful as antiviral agents. The present invention further relates to pharmaceutical compositions comprising the aforementioned compounds for administration to a subject suffering from HBV infection. The invention also relates to methods of treating an HBV infection in a subject by administering a pharmaceutical composition comprising the compounds of the present invention.

X−A−Y−L−R (I)

21: 2020/02117. 22: 2020/05/04. 43: 2023/05/23
51: C04B; C08K
71: CAESARSTONE LTD.
72: MARGALIT, Erez, GORELIK, Boris, GOLAN, Alon, RON, Yaacov, WINER, Ido
33: GB 31: 1718089.4 32: 2017-11-01
54: COMPOSITIONS COMPRISING AN ACRYLIC POLYMER AND PROCESSES OF PREPARING THE SAME
00: -
Composites made of a cross-linked acrylic polymer and an inorganic aggregate and/or mineral, with the cross-linked acrylic polymer being present at a concentration of 5% to 17%, by weight, are disclosed. Processes of preparing the composites are also disclosed.



21: 2020/02137. 22: 2020/05/04. 43: 2023/05/15
51: A61K
71: PROTHENA BIOSCIENCES LIMITED
72: SALMANS, Joshua, Reginald, ALEXANDER, Svetlana, BARBOUR, Robin, LI, Jianmin, HIGAKI, Jeffrey, N., NIJJAR, Tarlochan, S.
33: US 31: 62/569,438 32: 2017-10-06
33: US 31: 62/579,817 32: 2017-10-31
33: US 31: 62/647,582 32: 2018-03-23
54: METHODS OF DETECTING TRANSTHYRETIN
00: -
The invention provides methods of detecting transthyretin (TTR) using a capture antibody and a reporter antibody. The capture antibody binds preferentially to misfolded TTR over native tetrameric form of TTR. The capture antibody binds to an epitope within amino acid residues 89-97 or TTR or to an epitope within amino acid residues 101-109 of TTR. 9D5 and 18C5 are examples of suitable capture antibodies. The methods can be used for diagnosing diseases or disorders associated with TTR accumulation or accumulation of TTR deposits (e.g., TTR amyloidosis) and for monitoring the efficacy of TTR therapies, among other applications.



21: 2020/03983. 22: 2020/06/30. 43: 2023/05/17
51: A61K; A61P; C07D
71: Redx Pharma PLC
72: JONES, Clifford D., BUNYARD, Peter, PITT, Gary, BYRNE, Liam, PESNOT, Thomas, GUISOT, Nicolas E.S.
33: GB 31: 1801226.0 32: 2018-01-25
54: HETEROCYCLYLAMINO-SUBSTITUTED TRIAZOLES AS MODULATORS OF RHO-ASSOCIATED PROTEIN KINASE
00: -
This invention relates to novel compounds and pharmaceutical compositions comprising. Compounds of the invention useful as modulators of Rho-associated protein kinase (ROCK), for example ROCK1 and/or ROCK2 inhibitors. Methods of treatment employing the compounds are also contemplated by the present invention. The compounds of the invention are useful in treating ROCK mediated diseases.

21: 2020/04117. 22: 2020/07/06. 43: 2023/05/08
51: A01C; B05C; E01C
71: SALFORD GROUP INC.
72: GRAY, Geof J., AVERINK, John Mark, BAKER, Bradley William, DYCK, Jesse Abram, FIELDS, Joshua Scott, OWENBY, Steven Ray
33: US 31: 62/595,844 32: 2017-12-07
54: SPREADER FOR PARTICULATE MATERIAL WITH IMPROVED SPREAD CONTROL
00: -
An apparatus for spreading particulate material has a bin for holding particulate material, a rotatable disc for broadcasting the particulate material to a ground surface, a conveyor for conveying the particulate material in a particulate material path from the hopper to the rotatable disc, and a plurality of sluices situated in the particulate material path between the bin and the rotatable disc. Each sluice receives a portion of the particulate material and delivers the portion of particulate material to a radial and/or angular position on the rotatable disc. At least one of the sluices is independently moveable to adjust the radial and/or angular position on the rotatable disc to which the portion of particulate material from the at least one independently moveable sluice is delivered.

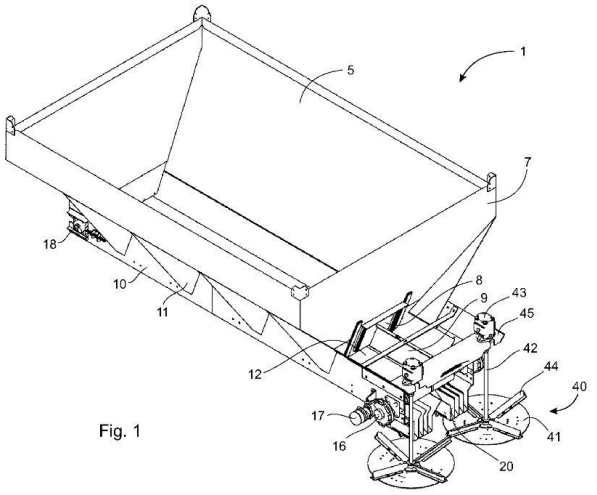
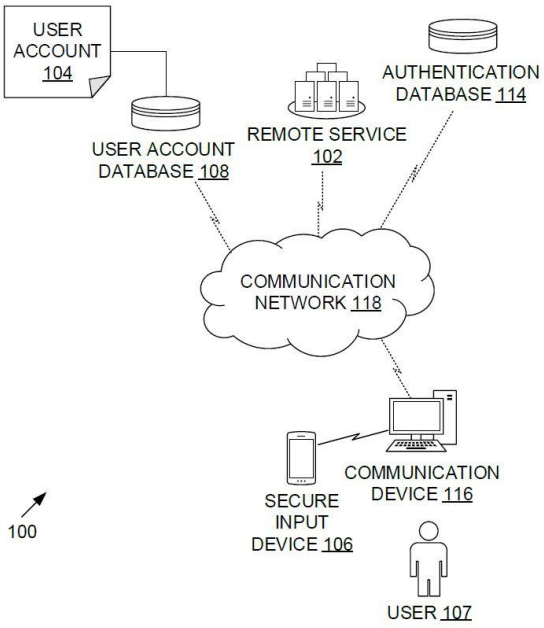


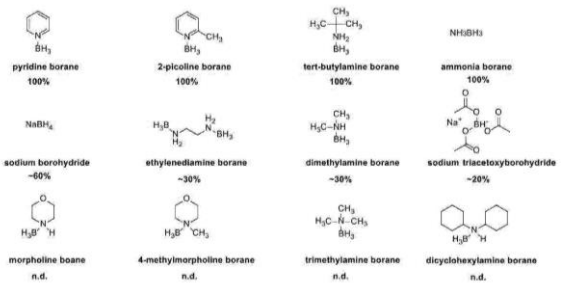
Fig. 1

21: 2020/04225. 22: 2020/07/10. 43: 2023/06/05
51: H04L
71: ENTERSEKT INTERNATIONAL LIMITED
72: AKOOB, Iftekhar, WAGNER, Bernard, JACOBS, Riaan, OOSTHUIZEN, Gerhard Gysbert, BESTER, Daniël Deetlefs, SOLWANDLE, Xolisa, DE WET, Petrus Johannes, NOLTE, Francois Archibald, ALVES, Dino Dominique Rodrigues, NEL, Philip Johannes Cornelis
33: ZA 31: 2019/04537 32: 2019-07-11
54: SYSTEM AND METHOD FOR SECURE INPUT AT A REMOTE SERVICE
00: -
A method and system for secure input at a remote service are provided. In a method conducted at a secure input device, a hash operation is performed on a data structure including shared data, the shared data having been obtained from a remote service via an encrypted payload. User input for secure entry at the remote service is received and encoded by performing an operation on corresponding symbols of the user input and an output of the hash operation

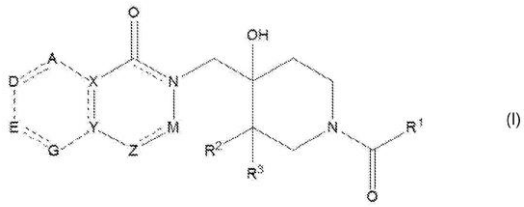
to output an encoded message, the user input and the encoded message having the same length. The encoded message is output for entry at the remote service.



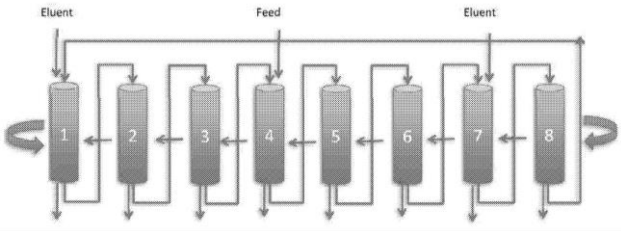
21: 2020/04769. 22: 2020/07/31. 43: 2023/05/19
51: C12N; C12P; C12Q
71: Ludwig Institute for Cancer Research Ltd.
72: SONG, Chunxiao, LIU, Yibin
33: US 31: 62/614,798 32: 2018-01-08
54: BISULFITE-FREE, BASE-RESOLUTION IDENTIFICATION OF CYTOSINE MODIFICATIONS
00: -
This disclosure provides methods for bisulfite-free identification in a nucleic acid sequence of the locations of 5-methylcytosine, 5-hydroxymethylcytosine, 5-carboxylcytosine and 5-formylcytosine.



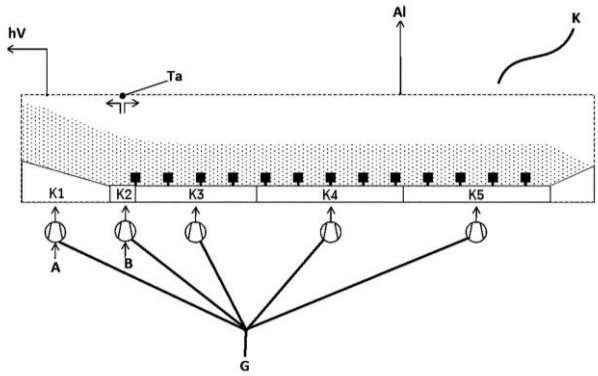
21: 2020/04909. 22: 2020/08/07. 43: 2023/05/29
51: A61K; A61P; C07D
71: Almac Discovery Limited
72: ROUNTREE, James Samuel Shane, WHITEHEAD, Steven Kristopher, TREDER, Adam Piotr, PROCTOR, Lauren Emma, SHEPHERD, Steven David, BURKAMP, Frank, COSTA, Joana Rita Castro, O'DOWD, Colin, HARRISON, Timothy
33: GB 31: 1801562.8 32: 2018-01-31
54: 4-HYDROXYPIPERIDINE DERIVATIVES AND THEIR USE AS INHIBITORS OF UBIQUITIN SPECIFIC PROTEASE 19 (USP19)
00: -
Inhibitors of ubiquitin specific protease 19 (USP19) of Formula (I) are provided, together with pharmaceutical compositions comprising said inhibitors, and methods of use thereof. The compounds can be used in in the treatment of muscular atrophy, obesity, insulin resistance or type II diabetes or in reducing the loss of muscle mass.



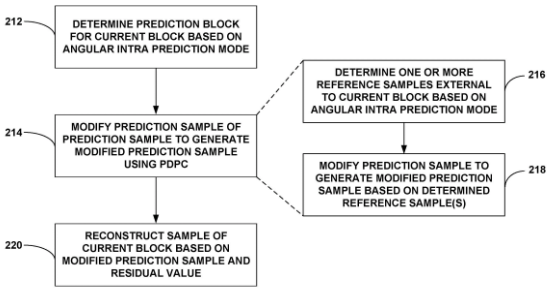
21: 2020/06235. 22: 2020/10/07. 43: 2023/05/08
51: A61K; C07D
71: SOCATI TECHNOLOGIES-OREGON, LLC.
72: TEGEN, Mark G., CHO, Joon
33: US 31: 62/639,608 32: 2018-03-07
33: US 31: 62/697,920 32: 2018-07-13
33: US 31: 62/697,926 32: 2018-07-13
33: US 31: 62/697,923 32: 2018-07-13
33: US 31: 62/715,545 32: 2018-08-07
54: CONTINUOUS ISOLATION OF CANNABIDIOL AND CONVERSION OF CANNABIDIOL TO DELTA 8-TETRAHYDROCANNABINOL AND DELTA 9-TETRAHYDROCANNABINOL
00: -
(57) **Abstract:** In alternative embodiments, provided are processes comprising the continuous isolation and purification of cannabinoids and further isomerization of the purified cannabidiol to Δ^8tetrahydrocannabinol (Δ^8THC) and Δ^9tetrahydrocannabinol (Δ^9THC). In alternative embodiments, provided are processes for converting Δ8-THC into Δ^9-THC. In alternative embodiments, provided are processes for the industrial scale continuous isolation and purification of cannabinoids and further isomerization of the purified cannabidiol to delta Δ^9 -THC.



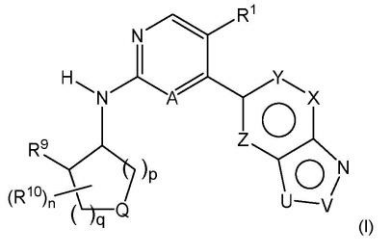
21: 2020/06722. 22: 2020/10/28. 43: 2023/05/19
51: C04B; F27B
71: thyssenkrupp Industrial Solutions AG
72: LEMKE, Jost, WILLMS, Eike
33: DE 31: 10 2018 206 673.6 32: 2018-04-30
54: OXYFUEL CLINKER PRODUCTION WITH SPECIAL OXYGEN ADDITION
00: -
Methods and systems for the production of cement clinker, wherein an oxygen-containing gas, which has a proportion of 15 vol.% or less of nitrogen and a proportion of 50 vol.% or more of oxygen, is guided from a first section of the cooler directly adjoining the kiln head to the rotating kiln and optionally also guided to the calciner and wherein more than 50 vol.% (preferably more than 85 vol.%) of the gas flows supplied to the combustion processes in total consist of oxygen.



21: 2020/06816. 22: 2020/10/30. 43: 2023/05/19
51: H04N
71: QUALCOMM Incorporated
72: VAN DER AUWERA, Geert, SEREGIN, Vadim, SAID, Amir, KARCZEWICZ, Marta
33: US 31: 62/651,424 32: 2018-04-02
54: POSITION DEPENDENT INTRA PREDICTION COMBINATION EXTENDED WITH ANGULAR MODES
00: -
Techniques are described of using Position Dependent Intra Prediction Combination (PDPC). A video coder such as a video encoder or a video decoder utilizes PDPC in cases where a current block intra mode predicted using an angular intra prediction mode.



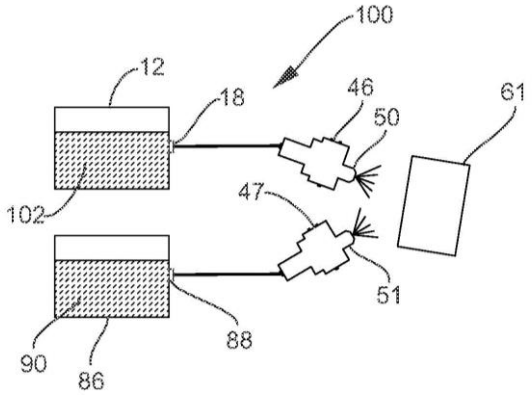
21: 2020/06944. 22: 2020/11/06. 43: 2023/05/19
51: A61P; C07D
71: Pfizer Inc.
72: CHEN, Ping, CHO-SCHULTZ, Sujin, DEAL, Judith Gail, GALLEGO, Gary Michael, JALAIE, Mehran, KANIA, Robert Steven, NAIR, Sajiv Krishnan, NINKOVIC, Sacha, ORR, Suvi Tuula Marjukka, PALMER, Cynthia Louise
33: US 31: 62/663,096 32: 2018-04-26
54: 2-AMINO-PYRIDINE OR 2-AMINO-PYRIMIDINE DERIVATIVES AS CYCLIN DEPENDENT KINASE INHIBITORS
00: -
This invention relates to compounds of Formula (I),or a pharmaceutically acceptable salt thereof, in which R-groups R^1 to R^{23}, A, Q, U, V, W, X, Y, Z, n, p and q are as defined herein, to pharmaceutical compositions comprising such compounds and salts, and to methods of using such compounds, salts and compositions for the treatment of abnormal cell growth, including cancer, in a subject.



(I)

21: 2020/07506. 22: 2020/12/02. 43: 2023/05/09
51: A61K; A61M
71: TARGAN Inc.
72: HUTCHINS, James
33: US 31: 62/696,261 32: 2018-07-10
54: SYSTEMS AND METHODS OF PREPARING AND DELIVERING GELS
00: -
The present disclosure provides systems and methods for delivering a gel to a surface. In one embodiment, the system may have a first vessel with a first low viscosity aqueous solution comprising a

binder/crosslinking agent; and a second vessel with a second low viscosity aqueous solution comprising a gelling component. The separate first and second low viscosity aqueous solutions are sprayed onto a surface where the solutions mix forming a gel.

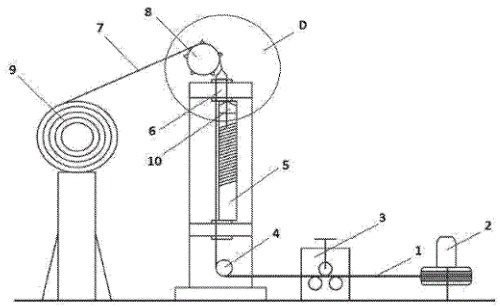


21: 2021/00161. 22: 2021/01/11. 43: 2023/05/30
51: B21F E02B E01F
71: ODZIOMEK, Ryszard
72: ODZIOMEK, Ryszard
33: PL 31: P.425949 32: 2018-06-15

54: A WIRE NETTING, A PROCESS AND A DEVICE FOR MANUFACTURING THE WIRE NETTING

00: -

A hexagonal wire netting (7), a process for manufacturing such a wire netting and a device for manufacturing a hexagonal wire netting (7), the device comprising an assembly of tubes (5) for leading the wires (1) of which every other is twisted into a spiral shape, a spindle (6) assembly and a drum (8) receiving the wire netting (7), the drum (8) being provided with detent elements (21). Between each tube (5) leading the spirally twisted wire (1) and the cooperating spindle (6) a straightening guide (10, 10') is located having an inlet opening (13, 15) cooperating with the tube (5) and an outlet opening (12, 20) cooperating with the spindle (6). The detent elements (21) are arranged on the drum (8) in such a way that the produced wire netting (7) has meshes in which the proportion of the width (A) to the length (B) is less than 0,75.

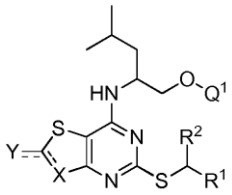


21: 2021/00192. 22: 2021/01/12. 43: 2023/06/05
51: A61K; C07F; A61P
71: KANCERA AB
72: VÅGBERG, Jan, BYSTRÖM, Styrbjörn, OLSSON, Elisabeth, JÖNSSON, Mattias
33: GB 31: 1811169.0 32: 2018-07-06

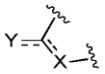
54: PHOSPHATE AND PHOSPHONATE DERIVATIVES OF 7-AMINO-5-THIO-THIAZOLO[4,5-D]PYRIMIDINES AND THEIR USE IN TREATING CONDITIONS ASSOCIATED WITH ELEVATED LEVELS OF CX3CR1 AND/OR CX3CL1

00: -

There is provided a compound of formula (I), wherein R1, R2, Q1 and formula (X) are as defined herein, which compounds are useful in the treatment of diseases and disorders associated with elevated levels of CX3CR1 and/or CX3CL1, in particular acute and/or chronic inflammation, eye diseases, lung diseases, skin diseases, joint and/or bone diseases, autoimmune diseases, cardiovascular diseases, metabolic diseases, brain diseases, neurodegenerative diseases, pain, cancer, liver diseases, kidney diseases, gastrointestinal diseases, human immunodeficiency virus and mood disorders.



(I)



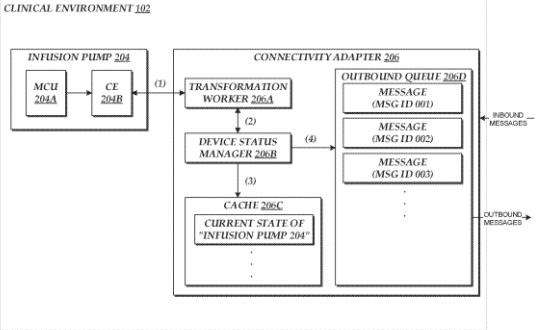
(X)

21: 2021/00260. 22: 2021/01/14. 43: 2023/06/05
51: G06F; H04L
71: ICU MEDICAL, INC.
72: XAVIER, Ben, KRABBE, Dennis, ENGER, Larry, DEOSTHALE, Chaitanya, ISENSEE, Anthony, PATIAG, Lito
33: US 31: 62/699,499 32: 2018-07-17

54: SYSTEMS AND METHODS FOR FACILITATING CLINICAL MESSAGING IN A NETWORK ENVIRONMENT

00: -

Various techniques for facilitating communication with and across a clinical environment and a cloud environment are described. These techniques may include converting pump messages into standardized dataset messages, merging the messages into a cache, transmitting the messages to a cloud server, detecting network outages, clearing an outbound queue, detecting missing messages, authenticating a connectivity adapter for cloud access, providing a segmented data structure, among others.



21: 2021/00262. 22: 2021/01/14. 43: 2023/06/05
51: A61M; G06F; G16H
71: ICU MEDICAL, INC.
72: XAVIER, Ben, KRABBE, Dennis, KIL, Timothy, POLK, Jody, FIELDS-CYPRESS, Aaron, TOBIAS, Julius
33: US 31: 62/703,772 32: 2018-07-26

54: DRUG LIBRARY MANAGEMENT SYSTEM

00: -

The present disclosure is directed to management and use of drug libraries in a networked clinical environment. The clinical environment may include various types and/or versions of infusion pumps. An infusion pump operates using a drug library that describes the medications available for administration, rules for administration of the medications, clinical care areas in which the pump may operate, and the like. Different types or versions of infusion pumps may be configured to use different formats of drug library data. In addition, drug library data may be archived to maintain a history of changes.

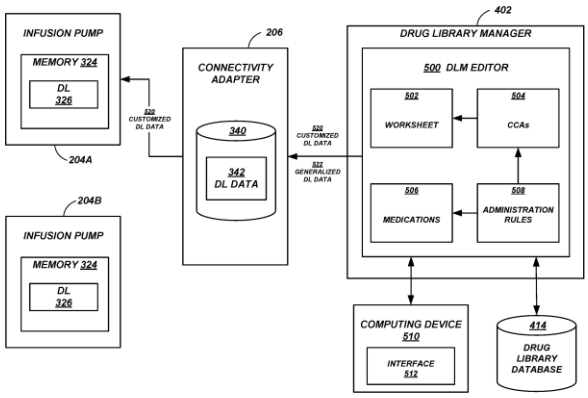


Fig. 5

FIG. 5:

204A, 204B	POMPE À PERFUSION
206	ADAPTATEUR DE CONNECTIVITÉ
324	MÉMOIRE
326	BIBLIOTHÈQUE DE MÉDICAMENTS (DL)
342	DONNÉES DE DL
402	GESTIONNAIRE DE BIBLIOTHÈQUE DE MÉDICAMENTS
414	BASE DE DONNÉES DE BIBLIOTHÈQUE DE MÉDICAMENTS
500	ÉDITEUR DE GESTIONNAIRE DE BIBLIOTHÈQUE DE MÉDICAMENTS (DLM)
502	FEUILLE DE TRAVAIL
504	RÉGIONS DE SOINS CLINIQUES (CCA)
506	MÉDICAMENTS
508	RÈGLES D'ADMINISTRATION
510	DISPOSITIF INFORMATIQUE
512	INTERFACE
520	DONNÉES DE DL PERSONNALISÉES
522	DONNÉES DE DL GÉNÉRALISÉES

21: 2021/00402. 22: 2021/01/19. 43: 2023/05/29
51: A61K; A61Q
71: Colgate-Palmolive Company
72: DEWDNEY, Nadine, DENNIS, Mavis, PARKER, Jodie

54: EMULSION-BASED PERSONAL CARE COMPOSITIONS AND METHODS FOR THE SAME

00: -

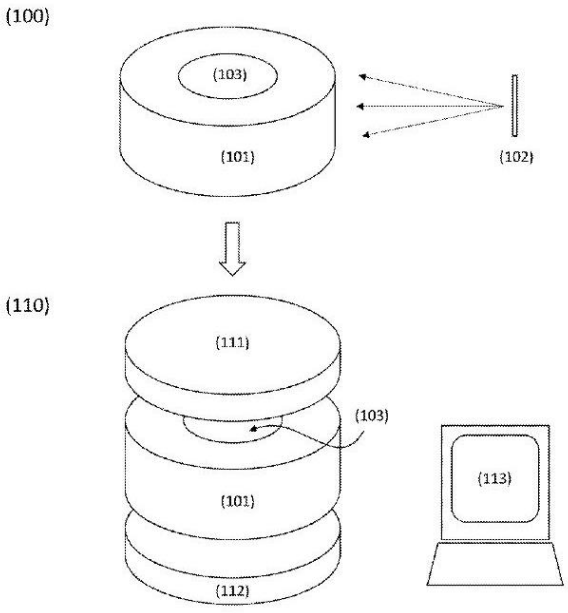
Emulsion-based personal care compositions and methods for preparing the same are provided. The personal care compositions may include an emulsion of a hydrophobic phase and a hydrophilic phase. The hydrophobic phase may include an emulsifying system including a first nonionic surfactant and a second nonionic surfactant, where a weight ratio of the first nonionic surfactant to the second nonionic surfactant is from about 0.9:1 to about 1.1:1. The first nonionic surfactant may be glyceryl monostearate, and the second nonionic surfactant may be PEG-100 stearate.

21: 2021/00422. 22: 2021/01/20. 43: 2023/05/08
51: G01N
71: CHRYSOS CORPORATION LIMITED
72: TICKNER, James
33: AU 31: 2018902220 32: 2018-06-21

54: SYSTEM AND METHOD FOR MOISTURE MEASUREMENT

00: -

A system and method is provided to determine the moisture content in a sample material undergoing elemental activation analysis (EAA), the sample material containing at least one sample element which during EAA forms an activation product. The method comprises the steps of (i) positioning a reference material in vicinity of the sample material, the reference material containing a reference element having a thermal neutron capture cross-section of at least 1 barn, the reference material selected such that its product isotope of a thermal neutron capture reaction is a radioisotope that emits gamma-rays, (ii) irradiating the sample material and the reference material with a source of fast neutrons to produce thermal neutrons in the sample material and (iii) detecting gamma-rays emitted from the reference material and generating signals representative of the detected gamma-rays, (iv) calculating a factor, R, proportional to the thermal neutron flux based on the generated signals and (v) identifying, from a relationship relating moisture content to R, the moisture content in the sample material.

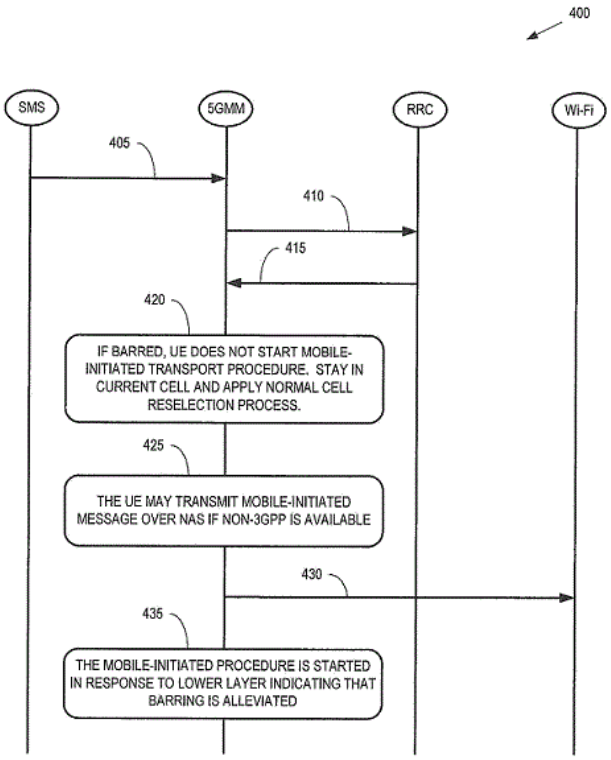


21: 2021/00465. 22: 2021/01/22. 43: 2023/06/05
51: C07C; C08J
71: 9449710 CANADA INC.
72: ESSADDAM, Fares, ESSADDAM, Adel
33: US 31: 62/689,597 32: 2018-06-25
54: TEREPHTHALIC ACID ESTERS FORMATION
00: -

The present disclosure relates to the formation of a terephthalate by depolymerization of polyethylene terephthalate (PET) using a glycoxide catalyst. Preferably, the reaction is carried out in methanol, the glycoxide is monosidum glycoxide and the terephthalate product is dimethyl terephthalate (DMT). The monosodium glycoxide catalyst is preferably prepared as a suspension by reacting sodium hydroxide with monoethylene glycol, isolating the product, and then suspending it in a suspending solvent.

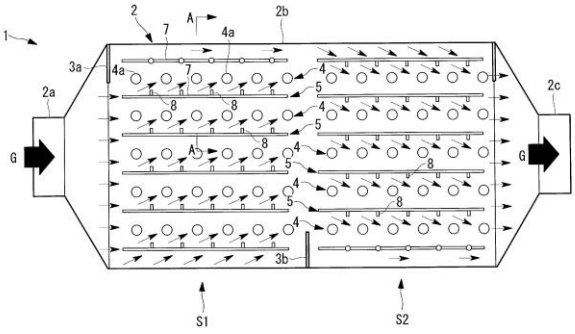
21: 2021/00553. 22: 2021/01/26. 43: 2023/05/23
51: H04W
71: NOKIA TECHNOLOGIES OY
72: WON, Sung, Hwan
54: ACCESS CONTROL FOR USER EQUIPMENT IN A CONNECTED MODE
00: -

A user equipment operating in a connected mode includes a first layer, a second layer, and a third layer. The first layer generates a request to send a non-initial non-access stratum (NAS) message over a first connection that operates according to a first radio access technology (RAT). The second layer determines whether access to the first connection is barred for the non-initial NAS message. The first layer selects a connection to deliver the non-initial NAS message between the first connection and a second connection that operates according to a second RAT in response to access to the first connection being barred. In some cases, the non-initial NAS message is a mobile originated short message service (SMS) message or an uplink NAS transport message. In some cases, the first layer is an NAS layer and the second layer is a radio resource control layer.



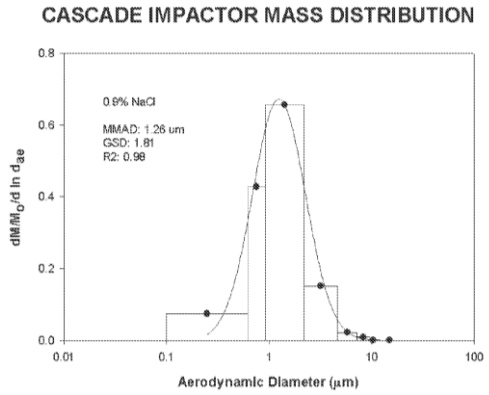
21: 2021/00562. 22: 2021/01/26. 43: 2023/05/26
51: C11D
71: Colgate-Palmolive Company
72: BUCIO, Jose, MALDONADO, Raul Arellano, SANCHEZ, Andrea
33: US 31: 62/733,944 32: 2018-09-20
54: HOME CARE COMPOSITIONS
00: -
Described herein, are fabric care compositions comprising: an aminofunctional polysiloxance; optionally a thickening agent; and optionally a non-ionic surfactant. Methods of making and using these compositions are also described.

21: 2021/00673. 22: 2021/01/29. 43: 2023/05/09
51: B03C
71: Mitsubishi Heavy Industries Power Environmental Solutions, Ltd.
72: TOMIMATSU, Kazutaka, KATO, Masaya, TANAKA, Takao, UEDA, Yasutoshi
54: ELECTROSTATIC PRECIPITATOR
00: -
The present invention provides an electrostatic precipitator in which it is possible to enhance the collection efficiency by suppressing effects in the ionic wind that reduce the collection effectiveness of the device. The electrostatic precipitator (1) comprises collecting electrodes (4) which have a plurality of openings formed therein and are provided along the direction of gas flow G, and discharging electrodes (5) which are disposed parallel to the collecting electrodes (4), wherein the discharging electrodes (5) have a plurality of corona discharge units (8) for corona discharge that protrude toward only one collecting electrode (4) among facing collecting electrodes (4) and are provided successively in the direction of gas flow. The plurality of collecting electrodes (4) and the plurality of discharging electrodes (5) are alternately arranged in a direction orthogonal to the direction of gas flow G. All of the respective corona discharge units (8) in an upstream region (S1) and in a downstream region (S2) in the direction of gas flow G protrude toward the same direction.

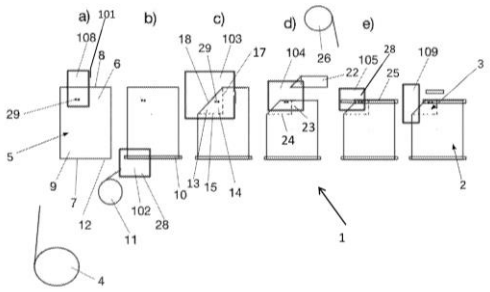


21: 2021/00714. 22: 2021/02/02. 43: 2023/07/17
51: A61K; C07K; A61P
71: REGENERON PHARMACEUTICALS, INC.
72: MASTAITIS, Jason, GROMADA, Jesper, DUNN, Michael, SU, Jia, MORTON, Lori
33: US 31: 62/749,557 32: 2018-10-23
33: US 31: 62/755,720 32: 2018-11-05
54: ANTI-NPR1 ANTIBODIES AND USES THEREOF
00: -
The present invention provides monoclonal antibodies that bind to the natriuretic peptide receptor 1 (NPR1) protein, and methods of use thereof. In various embodiments of the invention, the antibodies are fully human antibodies that bind to NPR1. In some embodiments, the antibodies of the invention are useful for activating NPR1 activity, thus providing a means of treating or preventing a disease, disorder or condition associated with NPR1 in humans.

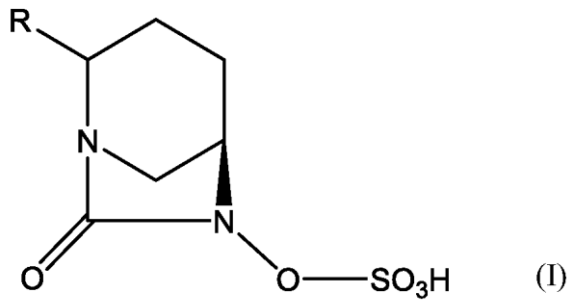
21: 2021/00780. 22: 2021/02/04. 43: 2023/06/02
51: A01N
71: MICROBION CORPORATION
72: BAKER, Brett Hugh James, MILLARD, Jeffrey W.
33: US 31: 62/712,563 32: 2018-07-31
33: US 31: 62/800,925 32: 2019-02-04
54: BISMUTH-THIOL COMPOSITIONS AND METHODS OF USE
00: -
The invention relates to Bis-thiol compounds and pharmaceutical preparations thereof. The invention further relates to methods of treating, managing or lessening the severity of pulmonary infections in a subject, the method comprising administering to the subject a bismuth-thiol (BT) composition that comprises at least one BT compound.



21: 2021/00871. 22: 2021/02/09. 43: 2023/06/02
51: B31B
71: LOHIA CORP LIMITED
72: LOHIA, Siddharth
33: IN 31: 201811032969 32: 2018-09-23
54: A METHOD AND AN APPARATUS FOR MANUFACTURING A STORAGE BAG, AND A STORAGE BAG
00: -
The invention discloses a method for producing a storage bag with an integrally formed valve, a resulting bag and an apparatus for producing such a bag. The method is characterised by forming the valve (3) of bag (2) by folding corner (13) of the tubular piece (5) at second open end (8) inwardly to the inside followed by cutting off edge strip (22) of tubular piece (5) with the valve (3) formed and closing the second open (8) end by attaching second sealing strip (25) thereto. In another aspect of the invention at least one hole (29) is made into side wall section (9A and/or 9B) of the tubular piece (5) to establish connection between second sealing strip (25) and at least one side wall (19) of the valve (3). The resultant bag has a valve (3) of height (23) smaller than depth (24) of valve (3) and where second sealing strip (25) is attached to second end (8) of tubular piece (5).



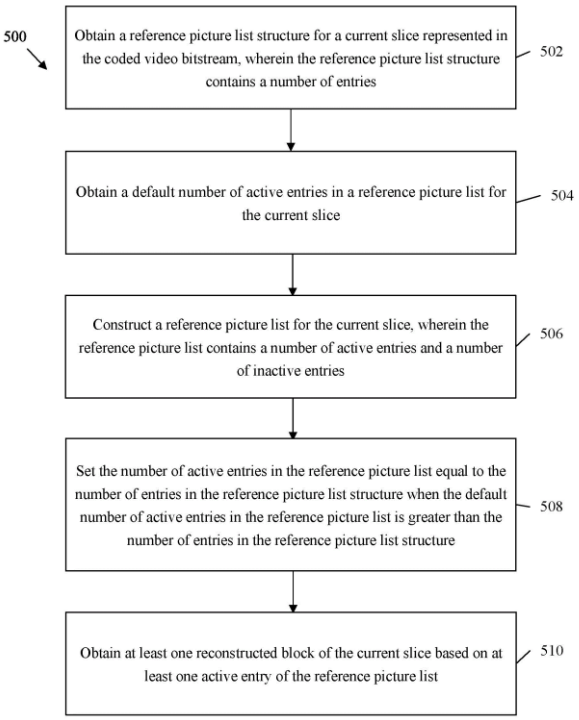
21: 2021/00906. 22: 2021/02/10. 43: 2023/06/02
51: A61K; C07D; A61P
71: ANTABIO SAS
72: LEIRIS, Simon, DAVIES, David Thomas
33: EP 31: 18290093.6 32: 2018-08-09
33: EP 31: 18213635.8 32: 2018-12-18
54: DIAZABICYCLOOCTANONES AS INHIBITORS OF SERINE BETA-LACTAMASES
00: -
The invention relates to a compound which is a diazabicyclooctanone of Formula (I) or a pharmaceutically acceptable salt thereof (I): wherein R is as defined herein. The compounds are useful in the treatment of bacterial infection, in particular they are useful in reducing bacterial resistance to antibiotics. They are also useful in the treatment of bacteria which express serine-ß-lactamase enzymes, in combination with antibiotics.



(I)

21: 2021/00951. 22: 2021/02/11. 43: 2023/05/09
51: H04N
71: Huawei Technologies Co., Ltd.

72: HENDRY, Fnu, WANG, Ye-Kui
33: US 31: 62/719,360 32: 2018-08-17
54: REFERENCE PICTURE MANAGEMENT IN VIDEO CODING
00: -
A method of decoding a coded video bitstream includes obtaining a reference picture list structure for a current slice represented in the coded video bitstream, wherein the reference picture list structure contains a number of entries; obtaining a default number of active entries in a reference picture list for the current slice; constructing a reference picture list for the current slice, the reference picture list containing a number of active and inactive entries; setting the number of active entries in the reference picture list equal to the number of entries in the reference picture list structure when the default number of active entries in the reference picture list is greater than the number of entries in the reference picture list structure; and obtaining, based on at least one active entry of the reference picture list, at least one reconstructed block of the current slice.



21: 2021/01066. 22: 2021/02/16. 43: 2023/05/10
51: A61B; G06K
71: SKIN REJUVENATION TECHNOLOGIES (PTY) LTD
72: DEPFENHART, MARKUS, VAN DER WALT, LEANDRI
33: ZA 31: 201804725 32: 2018-07-16
54: A METHOD AND SYSTEM FOR COSMETIC RECOMMENDATIONS
00: -
There is provided a cosmetic method for scoring and assigning codes for a person's skin and cosmetic products. The method provides a means for matching scores to a cosmetic code based product.

21: 2021/01692. 22: 2021/03/12. 43: 2023/05/23
51: F24H F16L C10G
71: BASF SE
72: KOCHENDOERFER, Kiara, Aenne, LAIB, Heinrich, SHUSTOV, Andrey, KUEHN, Heinz-Juergen, JENNE, Eric, JACOB, Reiner
33: EP 31: 18189370.2 32: 2018-08-16
54: DEVICE AND METHOD FOR HEATING A FLUID IN A PIPELINE BY MEANS OF DIRECT CURRENT
00: -
The invention relates to a device (110) for heating a fluid. The device comprises: - at least one electrically conductive pipeline (112) and/or at least one electrically conductive pipeline segment (114) for receiving the fluid; and - at least one direct current and/or direct voltage source (126), wherein each pipeline (112) and/or each pipeline segment (114) is assigned a direct current and/or direct voltage source (126) which is connected to the pipeline (112) and/or to the pipeline segment (114). The direct current and/or direct voltage source (126) is designed to generate an electric current in the pipeline (112) and/or in the pipeline segment (114) which warms up the pipeline (112) and/or the pipeline segment (114) by Joule heat, which is created as the electric current passes through the conductive pipe material, to heat the fluid.

FIG.1a

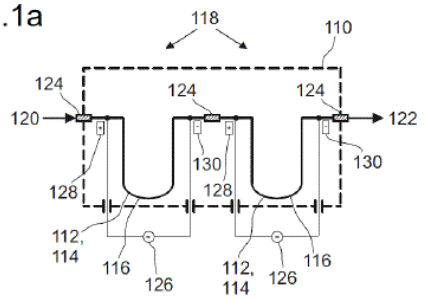


FIG.1b

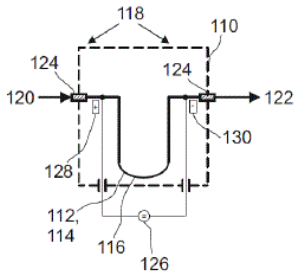
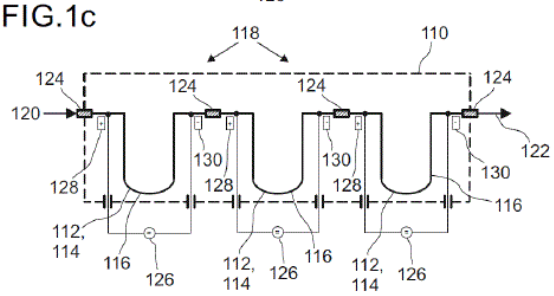
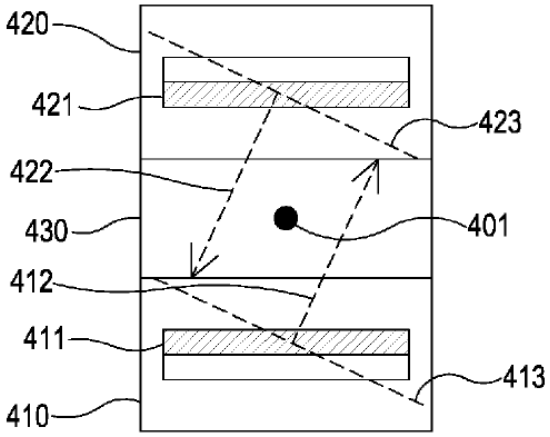


FIG.1c



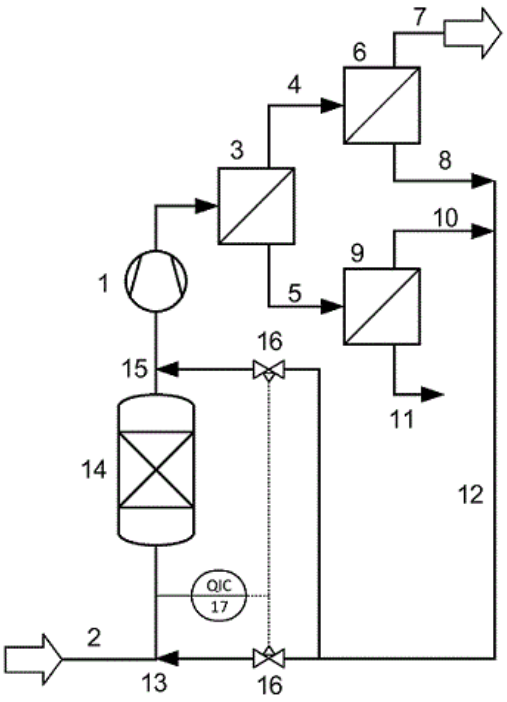
21: 2021/02197. 22: 2021/03/31. 43: 2023/05/08
51: G21B; H01B; H01F
71: TOKAMAK ENERGY LTD
72: SLADE, Robert, BRITTLES, Greg, VAN NUGTEREN, Bas
33: GB 31: 1814357.8 32: 2018-09-04
54: ALIGNMENT OF HTS TAPES
00: -

A cable for carrying electrical current in a coil of a magnet. The cable comprises a stack of tape assemblies. Each tape assembly has a length and a width, such that the length is much larger than the width, and each tape assembly comprises an HTS layer of anisotropic high temperature superconductor, HTS material, wherein a c-axis of the HTS layer is at a non-zero angle to a vector perpendicular to the plane of the HTS layer. The tape assemblies are stacked as a series of pairs, each pair comprising first and second HTS tape assemblies and a copper layer therebetween. The tape assemblies in each pair are arranged such that the c-axis of the HTS layer of the first HTS tape assembly of each pair have reflective symmetry to the c-axis of the HTS layer of the second HTS tape assembly of each pair about a plane which is parallel to and equidistant from each HTS layer.



21: 2021/02819. 22: 2021/04/28. 43: 2023/05/23
51: B01D
71: EVONIK OPERATIONS GMBH
72: WINKLER, Florian
33: EP 31: 18198221.6 32: 2018-10-02
54: A DEVICE AND A PROCESS FOR SEPARATING METHANE FROM A GAS MIXTURE CONTAINING METHANE, CARBON DIOXIDE AND HYDROGEN SULFIDE
00: -

In a device for separating methane from a gas mixture containing methane, carbon dioxide and hydrogen sulfide, comprising a gas compressor, two or three membrane separation stages downstream of the compressor and a hydrogen sulfide adsorber, comprising a bed of activated carbon having catalytic activity for oxidizing hydrogen sulfide with oxygen, arranged upstream of the membrane separation stages, oxygen content and relative humidity can be adjusted for optimum adsorption capacity of the hydrogen sulfide adsorber by recycling permeate from the second membrane separation stage, which receives the retentate of the first membrane separation stage, to a point upstream of the hydrogen sulfide adsorber.



5

21: 2021/03032. 22: 2021/05/05. 43: 2023/05/17
51: B32B
71: CONSTANTIA PIRK GMBH & CO. KG
72: GREFENSTEIN, Achim, SHAH, Pragnesh, JHA, Saket
33: IN 31: 201811038930 32: 2018-10-13
54: RECYCLABLE PE PACKAGING FILM WITH IMPROVED STIFFNESS
00: -
The invention concerns a recyclable co-extruded PE packaging film with a first laminate layer (4) of at least 60 vol% HDPE and a second laminate layer (5) of a hetero-phasepolypropylene block copolymer with a polyethylene content of 5-30 wt.% and a melting point higher than 55°C, preferably higher than 160°, the thickness of the second laminate layer (5) being less than 5 µm.

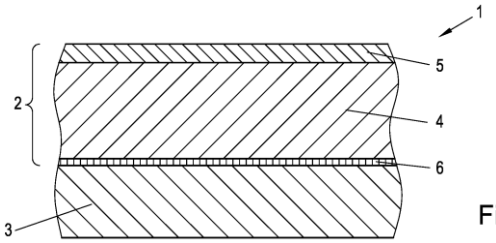


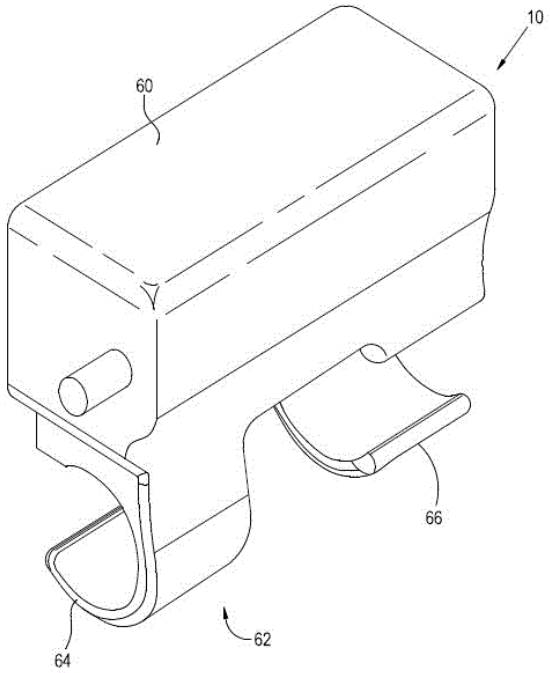
Fig. 1

21: 2021/03810. 22: 2021/06/03. 43: 2023/06/05
51: A61K; C12N
71: CEVA SANTE ANIMALE
72: FUJISAWA, Ayumi
33: EP 31: 18306798.2 32: 2018-12-21
54: RECOMBINANT AVIAN HERPES VIRUSES CONTAINING MULTIPLE FOREIGN GENES
00: -
The present invention relates to recombinant avian herpes viruses containing multiple genes inserted into separate intergenic regions, their manufacture, compositions comprising the same, and the uses thereof.

21: 2021/04244. 22: 2021/06/21. 43: 2023/06/07
51: A61K; C12N
71: CEVA SANTE ANIMALE
72: SASAKI, Kenta, LEE, Jina
33: EP 31: 18306852.7 32: 2018-12-27
54: RECOMBINANT VIRUSES AND THE USES THEREOF
00: -
The present invention relates recombinant viruses and the uses thereof. More particularly, the invention relates to novel recombinant Marek's disease viruses encoding polypeptide(s) of interest, and their use to express or deliver such polypeptides to animals, particularly poultry. The invention is particularly suited to vaccinate poultry against avian pathogens.

21: 2021/04540. 22: 2021/06/30. 43: 2023/05/05
51: G01R; G01S; H01H
71: THE TRUSTEES FOR THE TIME BEING OF THE LIVE LINE INTERNATIONAL TRUST
72: RISI, Kevin Philip, RISI, Shaun Lawrence, RISI, Philip Edward Lawrence
33: ZA 31: 2020/04032 32: 2020-07-02
54: FUSE CUTOUT MONITORING DEVICE
00: -

A fuse cutout monitoring device is provided, the device being securable to a fuse tube which is detachably secured to a fuse cutout assembly. The monitoring device comprises a housing with securing means to secure the device to the fuse tube; a motion sensor accommodated within the housing to determine movement of the fuse tube, and thus the detachment of the fuse tube from the fuse cutout assembly; and a wireless communications module accommodated within the housing to wirelessly transmit an alarm signal, corresponding to the detachment of the fuse tube from the fuse cutout assembly, to a remote control centre or remote mobile device. In an embodiment, the housing further comprises a processor connected to the motion sensor and the communications module, to control the operation of the device. In an embodiment, the housing further comprises a battery power source to power the processor, the motion sensor and the communications module.



21: 2021/04858. 22: 2021/07/12. 43: 2023/04/26
51: H01B; H01H; H01T; H02H; H02J
71: THE TRUSTEES FOR THE TIME BEING OF THE LIVE LINE INTERNATIONAL TRUST
72: RISI, Kevin Philip, RISI, Shaun Lawrence, RISI, Philip Edward Lawrence
33: ZA 31: 2020/04230 32: 2020-07-10

54: SUPPORT ARRANGEMENT FOR AN ELECTRICAL PROTECTION ASSEMBLY

00: -

A support arrangement for an electrical protection assembly for connection between an electrical power supply line and electrical equipment is provided. The support arrangement comprises a first insulator body and a second insulator body extending at right angles to the first insulator body, wherein the first and second insulator bodies are integrally formed into a unitary body. In an embodiment, the second insulator body extends from a lower end of the first insulator body, so as to define a unitary L-shaped support arrangement. In one version, the support arrangement comprises an L-shaped inner support frame around which the first and second insulator bodies are molded. The L-shaped inner support frame comprises a T-shaped metal support frame connector having a first end from which a first fibre glass support arm extends, around which the first insulator body is molded, and a second end from which a second fibre glass support arm extends, around which the second insulator body is molded.

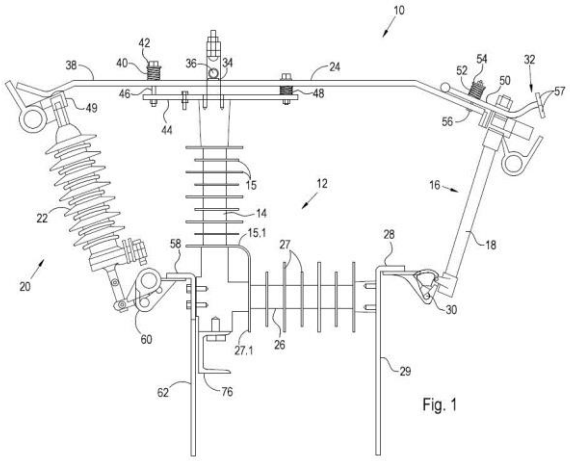


Fig. 1

21: 2021/05680. 22: 2021/08/11. 43: 2023/05/23
51: H04L
71: PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
72: BHAMRI, Ankit, SUZUKI, Hidetoshi, YAMAMOTO, Tetsuya, LI, Hongchao
33: EP 31: 19000087.7 32: 2019-02-14

54: USER EQUIPMENT AND SYSTEM PERFORMING TRANSMISSION AND RECEPTION OPERATIONS

00: -

The present disclosure relates to a mobile terminal, a system and respective methods. The user equipment receives a physical uplink shared channel, PUSCH, config information element, IE, in form of radio resource control, RRC, signalling, the PUSCH config IE being applicable to a particular bandwidth part; configures a table which is defined by a PUSCH time domain resource allocation list IE carried in the received PUSCH config IE, the table comprising rows, each with a value indicating a PUSCH mapping type, a value K2 indicating a slot offsets, and a value SLIV indicating a start and length indicator; receives downlink control information, DCI, in form of medium access control, MAC, signalling carrying a time-domain resource assignment filed with value m, wherein the value m provides a row index m+1 to the RRC configured table, determines allocated resources for an initial PUSCH transmission and allocated resources for at least one repetition thereof based on: a number of a slot carrying the received DCI, and the value K2 indicating the slot offsets, and the value SLIV indicating the start and length indicator comprised in indexed row of the RRC configured table; and transmits a PUSCH transmission using the respectively determined allocated resources for the initial PUSCH transmission and for the at least one repetition thereof; and wherein the determination of allocated resources is based on at least one additional value comprised in the indexed row of the RRC configured table which is specifying the allocated resources in time domain for the at least one repetition of the initial PUSCH transmission.

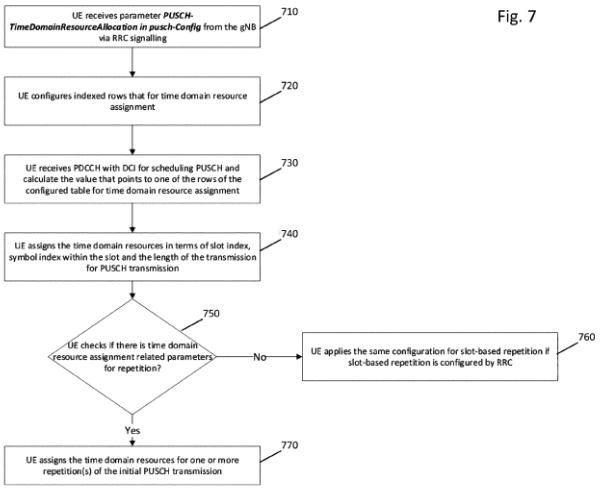


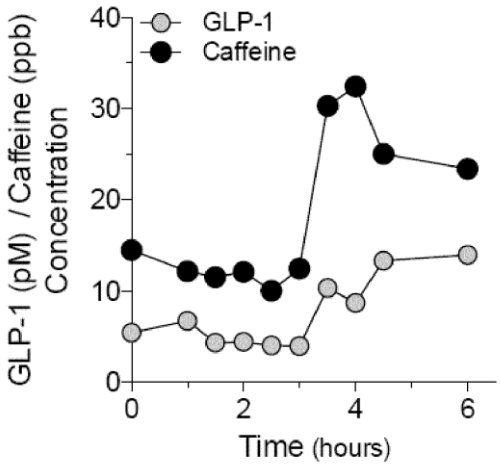
Fig. 7

21: 2021/06071. 22: 2021/08/23. 43: 2023/06/02
51: A61K
71: APHAIA PHARMA AG
72: DEUSCH, Kai, BOLZ, Steffen-Sebastian
33: EP 31: 18211446.2 32: 2018-12-10

54: PHARMACEUTICAL ORAL DOSAGE FORMS FOR TREATMENT OF METABOLIC DISORDERS AND RELATED DISEASES THROUGH ORCHESTRATED RELEASE OF ENTEROKINES

00: -

The present invention relates to pharmaceutical oral dosage forms releasing compounds in specific parts of the small intestine of a subject, wherein said compounds stimulate enteroendocrine cells in the subject's jejunum and lower small intestine to release one or more enterokines. The present invention also relates to a method of producing such pharmaceutical oral dosage forms. The pharmaceutical oral dosage forms of the invention are particularly for use in the treatment and prevention of metabolic conditions or diseases, osteoporosis, malabsorption conditions, neurodegenerative diseases, conditions of impaired gastro-intestinal function and cardiovascular diseases.

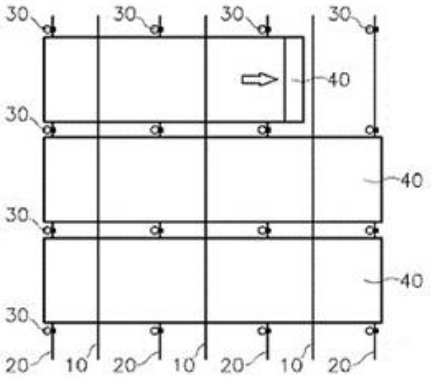


21: 2021/06912. 22: 2021/09/17. 43: 2023/05/09
51: C07H; A61K
71: CHROMADEX INC.
72: ERICKSON, ARON, STORJOHANN, AMANDA, REDPATH, PHILIP, ROBERTS, MATTHEW
33: US 31: 62/808,802 32: 2019-02-21
54: USE OF NICOTINAMIDE RIBOSIDE, NICOTINIC ACID RIBOSIDE, REDUCED NICOTINYL RIBOSIDE COMPOUNDS, AND NICOTINYL RIBOSIDE COMPOUND DERIVATIVES IN FORMULATIONS
00: -
Methods for stabilizing or encapsulating at least one compound selected from the group consisting of nicotinamide riboside (NR), nicotinic acid riboside (NAR), nicotinamide mononucleotide (NMN), nicotinic acid mononucleotide (NaMN), derivatives thereof, or salts thereof, are provided. Compositions including wax prills, stabilized, or encapsulated forms of at least one compound selected from the group consisting of nicotinamide riboside (NR), nicotinic acid riboside (NAR), and nicotinamide mononucleotide (NMN), derivatives thereof, or salts thereof, are also provided.

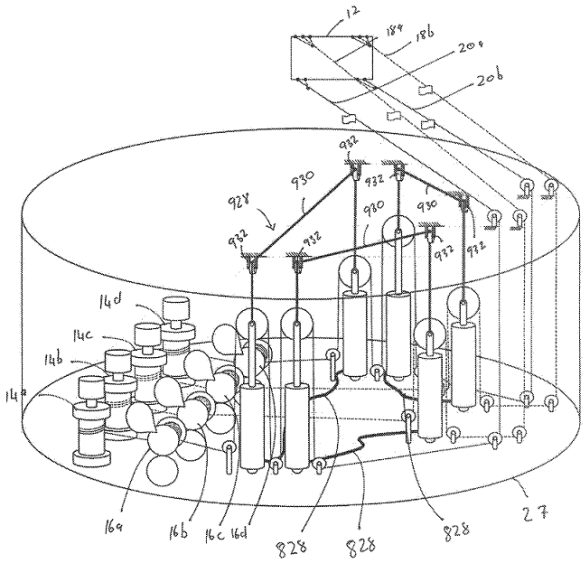
21: 2021/07077. 22: 2021/09/22. 43: 2023/05/22
51: A61K A61P G01N
71: EQUILLIUM, INC., UNIVERSITY OF HOUSTON SYSTEM
72: CONNELLY, Stephen, POLU, Krishna, MOHAN, Chandra
33: US 31: 62/810,628 32: 2019-02-26
33: US 31: 62/933,294 32: 2019-11-08
54: ANTI-CD6 ANTIBODY COMPOSITIONS AND METHODS FOR TREATING LUPUS
00: -
The present disclosure provides methods of treating inflammatory or autoimmune diseases (e.g., lupus nephritis) using CD6-ALCAM pathway inhibitors such as EQ001 and to methods and diagnostic tests for identifying subjects likely to respond to such inhibitors. In particular, the present disclosure provides diagnostic and therapeutic uses related to elevated levels of soluble ALCAM and/or CD6 protein and protein fragments in urine and other biological samples that are indicative of sensitivity to inhibitors of the CD6-ALCAM pathway (e.g., EQ001).

21: 2021/07497. 22: 2021/10/05. 43: 2023/05/11
51: A01G
71: G PLANT AGRONOMIST, S.L.
72: VELASCO GARCIA, GREGORIO
33: ES 31: P201930316 32: 2019-04-05
54: PROTECTIVE COVER AND METHOD FOR THE INSTALLATION AND REMOVAL OF SAID COVER OVER A CROP FIELD
00: -
The present invention proposes a method for the installation of a protective cover for crop fields, comprising the disposition of a matrix of vertical stakes (30), locating a plurality of horizontal valley lines (10) tautened at a first level (A1) interspersed between the rows of stakes; locating a number of

horizontal ridge lines coinciding with the rows of stakes at a lower level of installation (A0) than that of the first level (A1); disposing horizontally a number of transversal covering bands (40) passing over the ridge lines (20) and under the valley lines (10); raising the ridge lines (20) to a second level (A2) higher than the first level (A1) and attaching the same to a number of supports (31) on the stakes (30), tautening the covering bands (40) forming a zigzag.



21: 2021/07514. 22: 2021/10/06. 43: 2023/05/23
51: B63H
71: OCEANERGY AG
72: REINERS, Wolfram, Johannes, Bernd
33: GB 31: 1903146.7 32: 2019-03-08
54: KITE CONTROL SYSTEM
00: -
A kite control system for controlling a kite (12) which includes a plurality of rotators (14, 16), a plurality of guiding elements (22) locatable between each of the plurality of rotators and the kite, a plurality of adjustable deflectors, a plurality of deflector guides configured to adjust the operational length of the kite connecting line upon adjustment of the deflector, at least one invert correlator (928) for, when in use, inversely correlate the adjustment of the operative length of the respective kite connecting lines, wherein the plurality of kite connecting lines includes the connection of at least one of the kite connecting lines at the kite biased towards the leading end region of the kite, and the connection of at least another kite connecting line biased towards the trailing end region of the kite.



21: 2021/07566. 22: 2021/10/07. 43: 2023/05/08
51: F21V
71: HGCI, INC.
72: CAI, Dengke
33: US 31: 17/098,321 32: 2020-11-13
33: US 31: 63/118,982 32: 2020-11-30
54: HEAT SINK FOR LIGHT FIXTURE FOR INDOOR GROW APPLICATION
00: -
A light fixture for an indoor growing facility is provided. The light fixture includes a housing, a lighting module, and a heat sink. The housing defines a first portion and a second portion. The lighting module is at least partially disposed in the second portion. The heat sink overlies the lighting module and is configured to dissipate heat away from the lighting module.

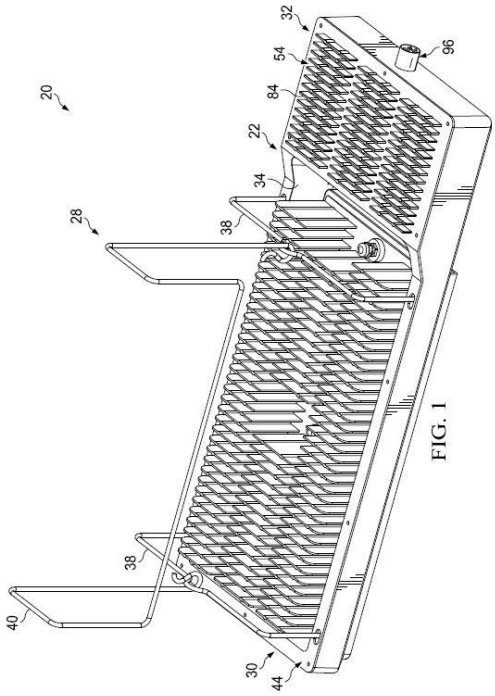
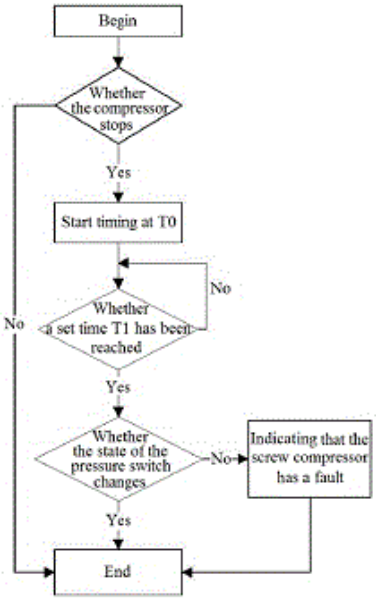


FIG. 1

21: 2021/07657. 22: 2021/10/11. 43: 2023/05/17
51: F04C
71: CRRC ZHUZHOU LOCOMOTIVE CO., LTD.
72: LI, JINHUI, FANG, CHANGZHENG, ZENG, PING, XIE, SHICHUAN, GUO, YINGYING, LI, DAN
33: CN 31: 201910311223.2 32: 2019-04-18
54: FAULT DETERMINATION METHOD AND SYSTEM FOR SCREW COMPRESSOR
00: -
A fault determination method and system for a screw compressor. The fault determination method comprises the following steps: step A, monitoring whether a screw compressor stops, and in cases where the screw compressor stops, proceeding to step B; and step B, after a set duration has elapsed from the time when the screw compressor stops, detecting whether a normally closed contact of a pressure switch is disconnected, and if the normally closed contact of the pressure switch is not disconnected, determining that a fault occurs in the screw compressor. In the fault determination method and system for a screw compressor, by means of existing devices, the fault state of the screw compressor can be identified in time by adding a logic determination function in a control unit according to the working principle of the screw compressor, being simple and reliable, and ensuring the running safety of an engine and a vehicle.



21: 2021/07709. 22: 2021/10/12. 43: 2023/05/17
51: C12P; C12N
71: GREENLIGHT BIOSCIENCES, INC.
72: ZARUR, ANDREY J, CUNNINGHAM, DREW S, ABSHIRE, JAMES R, JAIN, RACHIT, HUDSON, MICHAEL E
33: US 31: 62/826,983 32: 2019-03-29
54: CELL-FREE PRODUCTION OF RIBONUCLEIC ACID
00: -
This invention relates to in vitro production of nucleic acids, particularly RNAs and specifically messenger RNAs (mRNA).

21: 2021/07774. 22: 2021/10/13. 43: 2023/05/17
51: F25B; F25D
71: CUULA GMBH
72: WOLF, WERNER, HOFER, KURT
33: AT 31: A 50368/2019 32: 2019-04-23
54: DISPENSER FOR DISPENSING ELONGATE BEVERAGE CONTAINERS
00: -
A dispenser (1) for dispensing chilled beverage containers (2), in particular beverage cans, having: a housing (3) with a rear-side insertion opening (12) for inserting beverage containers (2) and a front-side removal element (6) which has a support surface (14) for the frontmost beverage container (2), an inner wall (31) projecting upwards from said surface and comprising a curved contact region (30) for the outer wall of the frontmost beverage container (2), and an upper removal opening (7) for removing the

frontmost beverage container (2); a guide channel (10) with two lateral surfaces (20, 21) and a sliding surface (11) sloping downwards towards the front for conveying the upright beverage containers (2) from the rear-side receiving opening (12) into the front-side removal element (6); and a chiller device (9) for chilling the beverage containers (2), the chiller device (9) having two lateral chiller surfaces (28) substantially parallel with the lateral surfaces (20, 21) of the guide channel (10), and said chiller device (9) having a curved chiller surface (29) substantially parallel with the curved contact region (30) for the frontmost beverage container (2) on the inner wall (31) of the removal element (6).

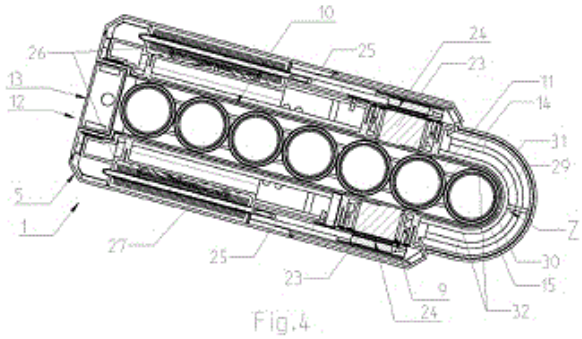


Fig.4

21: 2021/07775. 22: 2021/10/13. 43: 2023/05/11
51: F25B; F25D
71: CUULA GMBH
72: WOLF, WERNER, HOFER, KURT
33: AT 31: A 50366/2019 32: 2019-04-23
54: DISPENSER FOR DISPENSING ELONGATE BEVERAGE CONTAINERS
00: -
A dispenser (1) for dispensing elongate beverage containers (2), in particular beverage cans, having: a housing (3) with a cylindrical housing part (4), a rear-side insertion opening (12) for inserting beverage containers (2) and a front-side removal element (6), open at the top, for removing the frontmost beverage container (2); a guide channel (10) with a sliding surface (11) sloping downwards towards the front for conveying the upright beverage containers (2) from the rear-side receiving opening (12) into the front-side removal element (6); a chiller device (9) for chilling the beverage containers (2); a clamping device (34) for clamping in place an edge region (35) of an advertising film (33) on the exterior of the cylindrical housing part (4), the clamping device (34) having, on a long side of the cylindrical housing part (4), a clamping strip (36) comprising at least one ventilation opening (37) for dissipating heated air from the chiller device (9) to the surroundings.

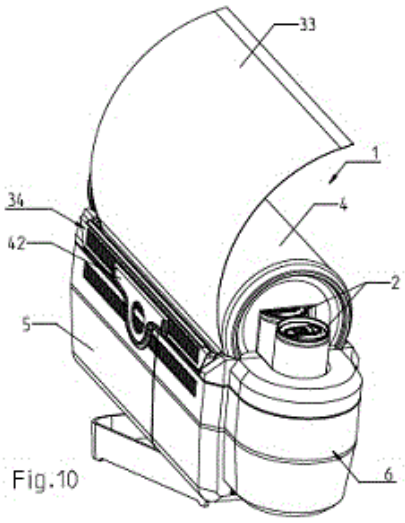
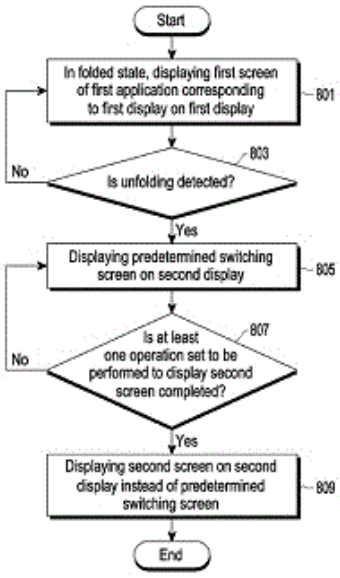


Fig.10

21: 2021/07776. 22: 2021/10/13. 43: 2023/05/11
51: G06F; G09F
71: SAMSUNG ELECTRONICS CO., LTD.
72: KWON, YONGJIN, YANG, JEONGWON, JUNG, BYUNGSEOK, CHOI, SEONGHOON, BAEK, JONGWU
33: KR 31: 10-2019-0047653 32: 2019-04-24
54: FOLDABLE ELECTRONIC DEVICE AND OPERATION METHOD FOR SAME
00: -
An electronic device may include a hinge structure, a first housing, a second housing, a first display, a second display, and a processor, wherein the processor may be set to: control the first display to display a first screen of a first application while in a folded state, the first screen corresponding to the first display; control the second display to display a switching screen when unfolding is detected; and control the second display to display a second screen instead of the switching screen upon the completion of at least one operation set to be performed in order to display the second screen, corresponding to the second display, of the first application.



21: 2021/07874. 22: 2021/10/15. 43: 2023/05/17
51: A61K
71: Meter Health, Inc.
72: KIEVMAN, Adam, KIEVMAN, Mallory, FRIEDMAN, Abraham, BACAK, Bartholomew J.
33: US 31: 62/835,691 32: 2019-04-18
54: METHODS AND COMPOSITIONS FOR TREATING RESPIRATORY ARRHYTHMIAS
00: -
The present disclosure relates to compositions to perturb neural circuits and/or the brainstem respiratory network and methods of use thereof.

21: 2021/08036. 22: 2021/10/20. 43: 2023/05/08
51: B61B; B61D; B66C
71: CRRC YANGTZE CO., LTD.
72: WANG, Quanhu, SU, Lijie, LIU, Aiwen, HUANG, Heng, SONG, Shaobo, LIU, Wei, CHEN, Zhiguo, HOU, Jianyun, WANG, Zixun, YAO, Xiong, LUO, Hui, CUI, Can, FENG, Ye
33: CN 31: 201911417664.7 32: 2019-12-31
33: CN 31: 201911423648.9 32: 2019-12-31
54: VEHICLE FRAME, AERIAL TRANSPORTATION VEHICLE, AND AERIAL RAIL CONTAINER TRANSPORTATION METHOD
00: -
An aerial transportation vehicle frame comprising a vehicle frame. The vehicle frame comprises: an upper vehicle frame (3); a lower vehicle frame (4); lifting components (a), at least two sets of lifting components (a) opposite to each other being provided in a first direction, and the lower vehicle frame (4) and the upper vehicle frame (3) can be close to or separated from each other by operating the at least two sets of lifting components (a); a locking device(b), the locking device (b) being disposed on the lower vehicle frame (4), and when the lower vehicle frame (4) and the upper vehicle frame (3) are close to each other, the locking device (b) being operated to lock the lower vehicle frame (4) and the upper vehicle frame (3) together; and a guiding device (d), the guiding device (d) being disposed on the lower vehicle frame (4), and when the lower vehicle frame (4) and the upper vehicle frame (3) are separated from each other, the operation guide device (d) being operated to quickly install and connect containers of different specifications onto the lower vehicle frame (4). The installation and connection of the containers to the aerial transportation vehicle can be achieved by means of devices of the aerial transportation vehicle itself, and the operation is simple. In addition, the present application also relates to an aerial rail container transportation method.

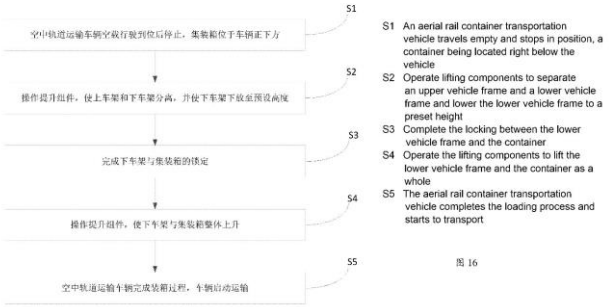
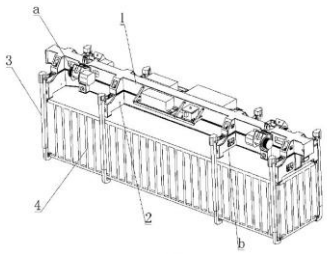


图 16

21: 2021/08037. 22: 2021/10/20. 43: 2023/05/08
51: B61B; B61D; B66D
71: CRRC YANGTZE CO., LTD.
72: WANG, Quanhu, SU, Lijie, LIU, Aiwen, LIU, Wei, CHEN, Zhiguo, HOU, Jianyun, WANG, Zixun, LUO, Hui, YAO, Xiong, HUANG, Heng, SONG, Shaobo, KE, Xiaole, FENG, Ye
33: CN 31: 201911417527.3 32: 2019-12-31
54: LIFTING FRAME, AIR TRANSPORTATION VEHICLE, AND AIR RAIL CONTAINER TRANSPORTATION METHOD
00: -
A lifting frame and an air transportation vehicle. The air transportation vehicle comprises a lifting frame. The frame comprises an upper frame (1), a lower frame (2), lifting assemblies (a), and a locking device (b). The upper frame and the lower frame are

connected by means of the lifting assemblies. Two lifting assemblies are provided opposite to each other along at least a first direction. By operating at least two lifting assemblies, the lower frame and the upper frame can be close to or separated from each other. The locking device is disposed on the lower frame. When the lower frame and the upper frame are close to each other, the locking device is operated, so that the lower frame and the upper frame can be locked to each other. According to the air transportation vehicle, the assembly connection between the air transportation vehicle and a container can be achieved by means of the device of the air transportation vehicle, the operation is simple, the degree of automation is high, and good practicability is provided.



21: 2021/08038. 22: 2021/10/20. 43: 2023/05/11
51: E02F
71: CATERPILLAR INC.
72: MCCAFFREY, BRANDON H, BALAN, MIHAI M
33: US 31: 16/393,405 32: 2019-04-24
54: ADAPTERS FOR ATTACHING A TIP TO A MACHINE IMPLEMENT AND GROUND ENGAGING TOOL ASSEMBLY
00: -
A tip adapter (75) for attaching a tip (90) to a machine implement (60), the tip adapter (75) comprising: a base (102); an implement mounting portion (104), extending from the base and configured to be mounted to the machine implement (60), and a tip mounting portion (107), extending from the base in opposing relationship to the implement mounting portion (104). The tip mounting portion includes a mounting nose (125), a first retention lug (131), and a second retention lug. The mounting nose includes a base end and a distal end (137), the base end connected to the base, the mounting nose extending from the base end to the distal end along a longitudinal nose axis. The mounting nose includes a first face surface and a second face surface converging toward each other in a direction from the base end toward the distal end. The mounting nose (125) includes a first nose side surface (181) and a second nose side surface (182) in spaced relationship to each other. The first retention lug extends from the first nose side surface along a first lug axis, and the second retention lug extends from the second nose side surface along a second lug axis. The first lug axis and the longitudinal nose axis define a first lug taper angle, the second lug axis and the longitudinal nose axis define a second lug taper angle, the first lug taper angle and the second lug taper angle both being oblique.

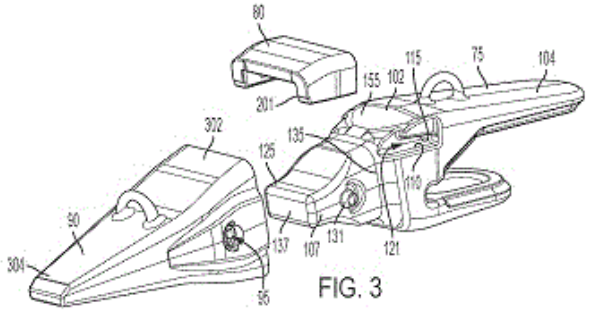


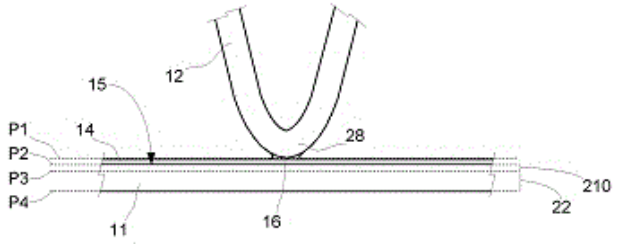
FIG. 3

21: 2021/08039. 22: 2021/10/20. 43: 2023/05/17
51: E02F
71: CATERPILLAR INC.
72: WELLS, COREY M, JURA, JASON G, SINN, ERIC T, SERRURIER, DOUGLAS C
33: US 31: 16/392,959 32: 2019-04-24
54: SPRING STEEL SLEEVE DESIGN
00: -
A spring (400) includes a first spring arm (428) extending from the first side edge (418) of the flat base (406'), the first spring arm (428) including a first arcuate portion (430) extending from the flat base (406'), a first straight portion (432) extending from the first arcuate portion (430) and disposed proximate to the rear face (416), the first straight portion (432) defining a first obtuse angle (434) with the rear face (416), and a first straight portion length (436).

21: 2021/08040. 22: 2021/10/20. 43: 2023/05/17
51: E02F
71: CATERPILLAR INC.
72: WELLS, COREY M, JURA, JASON G, SINN, ERIC T, SERRURIER, DOUGLAS C

33: US 31: 16/393,088 32: 2019-04-24
54: TIP AND ADAPTER ASSEMBLY USING A SPRING STEEL SLEEVE DESIGN
00: -
A tip and adapter assembly (700) includes a spring loaded retainer (300) that includes a lug receiving portion (306) defining a first maximum outside dimension (308), the lug receiving portion (306) also defining a lug receiving slot (310) that extends partially through the lug receiving portion (306), forming a first sidewall (312), a second sidewall (312'), and a catch surface (314) connecting the first sidewall (312) to the second sidewall (312'). A drive portion (316) defines a second maximum outside dimension (318), and a first flat (302) is disposed on the outside of the lug receiving portion (306) proximate to the first sidewall (312) or the second sidewall (312').

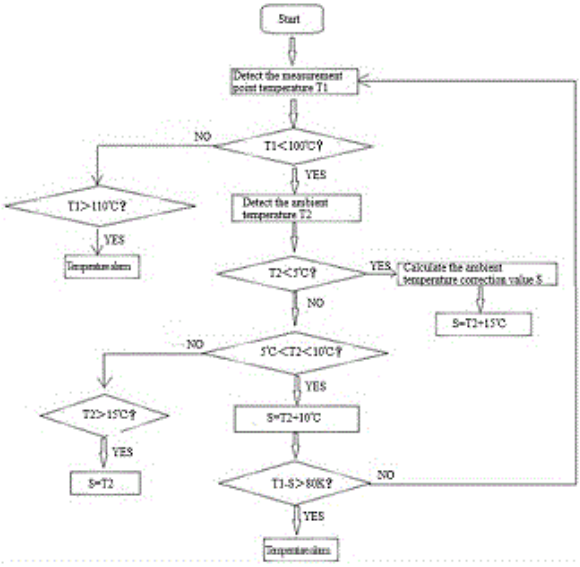
21: 2021/08056. 22: 2021/10/20. 43: 2023/05/17
51: B23K
71: ALFA LAVAL CORPORATE AB
72: SJÖDIN, PER, WALTER, KRISTIAN, KNUTSSON, AXEL
33: SE 31: 1950640-1 32: 2019-05-29
54: METHOD FOR JOINING METAL PARTS
00: -
A method for joining a first metal part (11) with a second metal part (12), the metal parts (11, 12) having a solidus temperature above 1100 ºC. The method comprises: applying a melting depressant composition (14) on a surface (15) of the first metal part (11), the melting depressant composition (14) comprising a melting depressant component that comprises at least 25 wt% boron and silicon for decreasing a melting temperature of the first metal part (11); bringing (202) the second metal part (12) into contact with the melting depressant composition (14) at a contact point (16) on said surface (15); heating the first and second metal parts (11, 12) to a temperature above 1100 ºC; and allowing a melted metal layer (210) of the first metal component (11) to solidify, such that a joint (25) is obtained at the contact point (16). According to the present disclosure the boron at least partly originates from a boron compound selected from any of the following compounds: boric acid, borax, titanium diboride and boron nitride. The melting depressant composition and related products are also described.



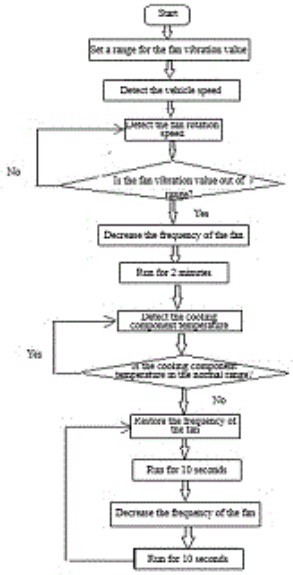
21: 2021/08220. 22: 2021/10/25. 43: 2023/05/17
51: C07K; A61P
71: XENOTHERA
72: DUVAUX, ODILE, VANHOVE, BERNARD
33: EP 31: 19305556.3 32: 2019-04-30
54: ASSOCIATION OF POLYCLONAL ANTIBODIES AND ANTI-PD1 OR ANTI-PDL1 ANTIBODIES FOR THE TREATMENT OF CANCER
00: -
The present invention relates to an association of non-human mammal polyclonal antibodies directed against cancer cells; and at least one monoclonal antibody selected from the group consisting of anti-PD1 and anti-PDL1 monoclonal antibodies for its use for preventing and/or treating a cancer in a mammal patient. The association as such is also considered.

21: 2021/08222. 22: 2021/10/25. 43: 2023/05/02
51: G01K
71: CRRC DALIAN CO., LTD.
72: WANG, WEI, QU, TIANWEI, JIANG, TAO, LIU, ZIJING, TIAN, GUANGXING, SUI, XIZHENG
33: CN 31: 201910984161.1 32: 2019-10-16
54: TEMPERATURE RISE MONITORING METHOD WITH AUTOMATIC AMBIENT TEMPERATURE COMPENSATION, LOCOMOTIVE OPERATION CONTROL METHOD, AND LOCOMOTIVE
00: -
A temperature rise monitoring method with automatic ambient temperature compensation: in predetermined conditions, correcting a measured ambient temperature to obtain a corrected ambient temperature, and using the corrected ambient temperature to calculate a bearing temperature rise. Also disclosed are a locomotive operation control method and a locomotive: by means of setting a bearing temperature rise threshold, when the bearing temperature rise exceeds the threshold, the locomotive raises a temperature alarm and stops operation. The present method targets locomotive

operating features in different temperature environments and can effectively prevent false alarms of locomotive axle temperature monitoring caused by abnormal changes in ambient temperature; by means of automatically compensating the external environment, the bearing temperature rise is calculated on the basis of the compensated ambient temperature, and a control threshold is adjusted by incorporating the temperature of locomotive bearing measurement points to thereby implement control of the operation of the entire locomotive.

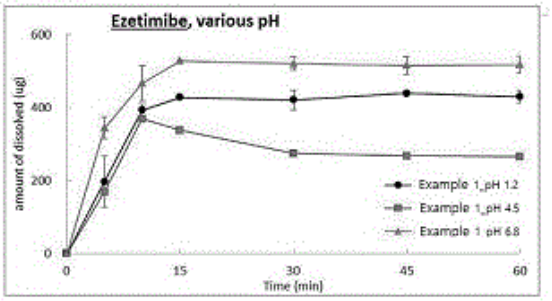


21: 2021/08223. 22: 2021/10/25. 43: 2023/05/17
51: F04D
71: CRRC DALIAN CO., LTD.
72: WANG, WEI, YANG, SHOUJUN, SUI, XIZHENG, LU, YULING, LIU, ZIJING
33: CN 31: 201910962201.2 32: 2019-10-11
54: METHOD FOR SUPPRESSING RESONANCE OF VEHICLE-MOUNTED FAN AND SYSTEM
00: -
A method for suppressing the resonance of a vehicle-mounted fan, and a system. The method comprises: according to the difference between the actual vibration value and a preset vibration value of a fan, determining whether resonance is generated between the fan and a locomotive body; and if resonance is generated between the fan and the locomotive body, then adjusting the output frequency of the fan so as to eliminate the resonance between the fan and the locomotive body. On the basis of the establishment of a matching relationship between parameters such as locomotive speed, fan speed, vibration frequency of an outer drum of a fan, and the temperature of a cooled component, a fan resonance trend is determined according to the difference between the actual vibration value and the preset vibration value of a fan; and by actively adjusting the output frequency of the fan, for example, by periodically adjusting the output frequency of the fan, the technical effect of eliminating resonance between the fan and a locomotive body is achieved.

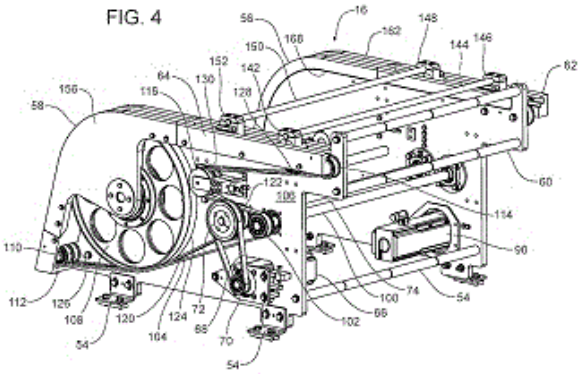


21: 2021/08268. 22: 2021/10/26. 43: 2023/05/17
51: A61K
71: HANMI PHARM. CO., LTD.
72: CHO, HYUK JUN, KIM, MIN WOOK, IM, HO TAEK, KIM, YONG IL
33: KR 31: 10-2019-0045295 32: 2019-04-18
54: PHARMACEUTICAL COMBINATION PREPARATION COMPRISING EZETIMIBE AND LOSARTAN
00: -
The present invention relates to a pharmaceutical combination preparation comprising ezetimibe and losartan. When the pharmaceutical combination preparation is dissolved in a solution of pH 4.0 to 5.0, the amount of losartan dissolved within 10 minutes is 5,700 μg or less, and the amount of ezetimibe dissolved within 10 minutes is 270 μg or more. Dissolution in the solution of pH 4.0 to 5.0 is carried out under conditions of a temperature of 37℃ and a paddle speed of 50 rpm in 500 mL of an acetic

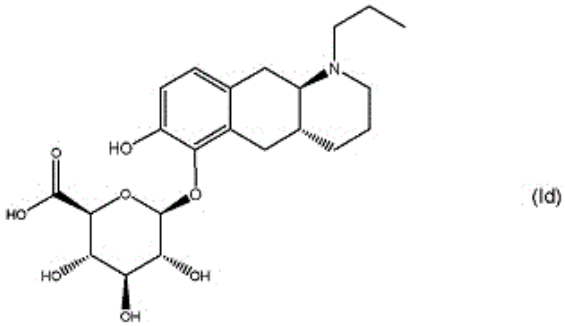
acid buffer, according to the United States Pharmacopeia, for a pharmaceutical combination preparation comprising 20 mg of ezetimibe and 183 mg of losartan.



21: 2021/08269. 22: 2021/10/26. 43: 2023/05/29
51: B31B
71: KLIKLOK LLC
72: GODDEN, KEVIN, PATE, JOHN
33: US 31: 62/840,066 32: 2019-04-29
54: CARTON BLANK ERECTOR AND FEEDING AND SHUTTLE MACHINE
00: -
A carton feeding and shuttle machine includes first and second servo drives for driving first and second belts positioned on a plurality of pulleys, a first block attached to the first belt and supporting a first support shaft and a second block attached to the second belt and supporting a second support shaft. A controller controls the servo drives for driving the first and second belts. A linkage assembly includes a plurality of links configured to move a plucking head along a shaft in response to movements of the first and second belts. Specifically, relative movement of the first and second belts pivots first and third links about a first support shaft and second and fourth links about a second support shaft drawing a base along a slide shaft and extending the plucking head from a first position to a second position for engaging a carton blank in a carton blank stack.



21: 2021/08271. 22: 2021/10/26. 43: 2023/05/17
51: C07H
71: H. LUNDBECK A/S
72: JUHL, MARTIN, JACOBSEN, MIKKEL FOG, KVÆRNØ, LISBET
33: DK 31: PA201900598 32: 2019-05-20
54: A PROCESS FOR THE MANUFACTURE OF (2S,3S,4S,5R,6S)-3,4,5-TRIHYDROXY-6-(((4AR,10AR)-7-HYDROXY-1-PROPYL-1,2,3,4,4A,5,10,10A-OCTAHYDROBENZO[G]QUINOLIN-6-YL)OXY)TETRAHYDRO-2H-PYRAN-2-CARBOXYLIC ACID AND INTERMEDIATE THEREOF
00: -
The present invention relates to a process for manufacturing (2S,3S,4S,5R,6S)-3,4,5- trihydroxy-6-(((4aR,10aR)-7-hydroxy-1-propyl-1,2,3,4,4a,5,10,10a- octahydrobenzo[g]quinolin-6-yl)oxy)tetrahydro-2H-pyran-2-carboxylic acid with the formula (Id) below and pharmaceutically acceptable salts thereof. The compound of formula (Id) is a prodrug of a catecholamine for use in treatment of neurodegenerative diseases and disorders such as Parkinson's Disease. The invention also relates to a new intermediate of said process.

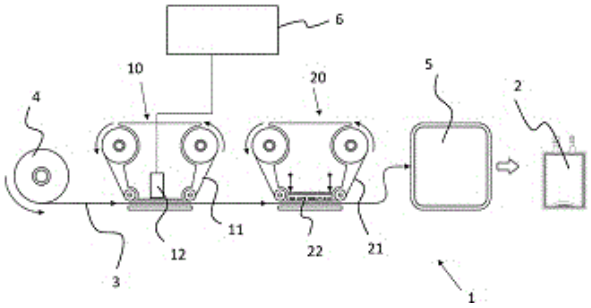


(Id)

21: 2021/08272. 22: 2021/10/26. 43: 2023/05/02
51: C25C
71: BASF SE, THYSSENKRUPP AG, THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
72: SCHEIFF, FREDERIK, LEDUC, MARC, KOLIOS, GRIGORIOS, DALOZ, WILLIAM, BUEKER, KARSTEN, ANTWEILER, NICOLAI, BODE, ANDREAS
33: EP 31: 19178445.3 32: 2019-06-05
54: INTEGRATED PROCESS OF PYROLYSIS, ELECTRODE ANODE PRODUCTION AND ALUMINUM PRODUCTION AND JOINT PLANT
00: -
The present invention relates to an integrated process containing the following steps (i) pyrolysis of hydrocarbons to carbon and hydrogen, (iia) removal of at least a part of the produced carbon in step (i) and at least partly further processing of said carbon into a carbon containing electrode, (iib) removal of the hydrogen produced in step (i) and at least partly use said hydrogen for providing energy, preferably electric energy or heat, for the electrode production in step (iia). In addition, the present invention relates to a joint plant containing (a) at least one reactor for pyrolysis process, (b) at least one reactor for the production of electrodes for an aluminum process, (c) a power plant and/or at least one gas-fired burner and optionally (d) at least one reactor for the electrolysis for producing aluminum.

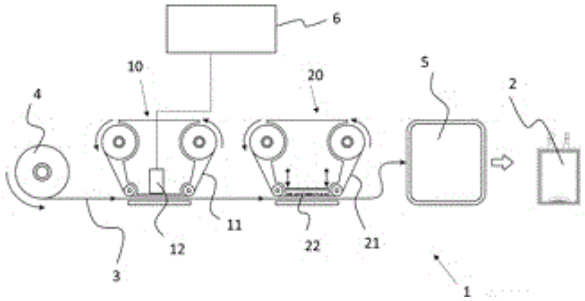
21: 2021/08273. 22: 2021/10/26. 43: 2023/05/02
51: A61P; C07D; A61K
71: CHIESI FARMACEUTICI S.P.A.
72: BRUNO, PAOLO, BIAGETTI, MATTEO, FIORELLI, CLAUDIO, PIZZIRANI, DANIELA, PALA, DANIELE, RONCHI, PAOLO, BAKER-GLENN, CHARLES, VAN DE POËL, HERVÈ, HIRST, KIM LOUISE
33: EP 31: 19201168.2 32: 2019-10-02
33: EP 31: 19177604.6 32: 2019-05-31
54: AMINO QUINAZOLINE DERIVATIVES AS P2X3 INHIBITORS
00: -
The present invention relates to compounds of formula I inhibiting P2X purinoceptor 3; particularly the invention relates to compounds that are amino quinazoline derivatives, methods of preparing such compounds, pharmaceutical compositions containing them and therapeutic use thereof. The compounds of the invention may be useful in the treatment of many disorders associated with $P2X_3$receptors mechanisms, such as respiratory diseases including cough, asthma, idiopathic pulmonary fibrosis (IPF) and chronic obstructive pulmonary disease (COPD).

21: 2021/08320. 22: 2021/10/27. 43: 2023/05/02
51: B65B; B31F; B41J
71: FRESENIUS KABI DEUTSCHLAND GMBH
72: BRÜCKNER, THOMAS, FRITZ, BENJAMIN, WEGNER, GERALD, FABER, STEFAN, STOJMANOVSKI, ALEXANDER, KRENZLIN, MARKO
33: EP 31: 19175636.0 32: 2019-05-21
33: EP 31: 19218386.1 32: 2019-12-20
54: SYSTEM AND METHOD FOR PRODUCING A MEDICINAL PACKAGING
00: -
The invention relates to a system and to a method for producing a medicinal packaging, in particular a plastic flim bag. Initially, a thermal transfer printer is used to apply a print image with variable information, which includes blank spaces. The blank spaces are filled using a hot stamping printing process.



21: 2021/08321. 22: 2021/10/27. 43: 2023/05/02
51: B65B; B31F; B41J
71: FRESENIUS KABI DEUTSCHLAND GMBH
72: BRÜCKNER, THOMAS, FRITZ, BENJAMIN, WEGNER, GERALD, FABER, STEFAN, STOJMANOVSKI, ALEXANDER, KRENZLIN, MARKO
33: EP 31: 19175636.0 32: 2019-05-21
54: SYSTEM AND METHOD FOR PRODUCING MEDICAL PACKAGING
00: -
The invention relates to a system and method for producing medical packaging, in particular a plastics film bag. Firstly, a printed image having variable information is applied by means of a thermal transfer printer, which image is in the form of a negative printed image and has blank spaces. The blank

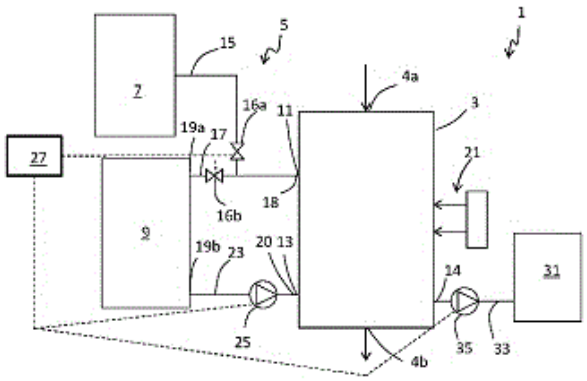
spaces are filled by means of a hot foil printing method.



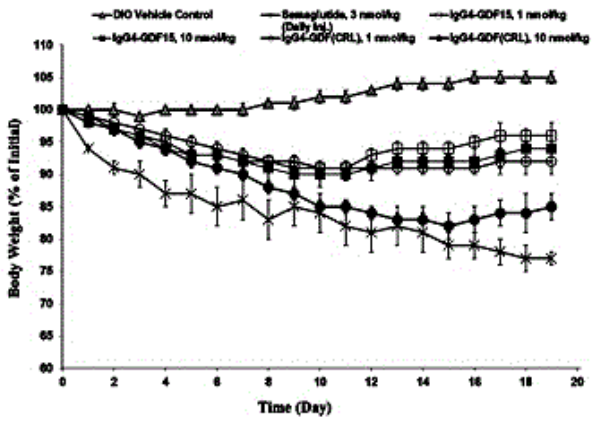
21: 2021/08349. 22: 2021/10/28. 43: 2023/05/25
51: B01F; E21F
71: SPLITEQ (PTY) LTD.
72: HARRIS, Brett Earnest, KOOIKER, Bouke Johannes
33: ZA 31: 2020/06365 32: 2020-10-14
54: SLURRY PUMPING SYSTEM
00: -
The use of a surface-active ingredient composition within a mine slurry is provided, the composition including a natural surfactant mixed into water that can be introduced into a mine slurry pumping system, to prevent scale buildup in pipelines, resulting in laminar flow and reduction of slurry viscosity, and thus in turn resulting in the reduction of drag forces and an overall saving in power consumption.

21: 2021/08350. 22: 2021/10/28. 43: 2023/05/25
51: A62C; B01F
71: SPLITEQ (PTY) LTD.
72: HARRIS, Brett Earnest, KOOIKER, Bouke Johannes
33: ZA 31: 2020/06366 32: 2020-10-14
54: USE OF A SURFACE ACTIVE INGREDIENT COMPOSITION IN A FIRE EXTINGUISHING AND FIRE DEVICES
00: -
An environmentally safe fire suppression product is provided, comprising the use of a surface-active ingredient composition within a fire suppression and fire extinguishing device, the composition including a natural surfactant mixed into water that can be dispensed by a device in order to extinguish a fire. In particular, the entirely natural surfactant is not alcohol based, oil based, or chemical based, and is thus extremely environmentally friendly. The surfactant is simply added/mixed into conventional tap water.

21: 2021/08378. 22: 2021/10/28. 43: 2023/05/02
51: D21C; C08B
71: VALMET AB
72: LANDMAN, HUNPHREY, MINNAAR, SUSANNA, LAMMI, LARI, KARVONEN, JUONI, COETZEE, BERDINE, WAUTS, JOHANN
33: SE 31: 1950606-2 32: 2019-05-22
54: A METHOD FOR EXTRACTING HYDROLYSATE, A BATCH COOKING SYSTEM AND A HYDROLYSATE EXTRACTING ARRANGEMENT
00: -
A method for extracting hydrolysate in a batch cooking process for producing pulp, said method comprising the steps of: - providing lignocellulose raw material to a batch cooking vessel; - performing acid hydrolysis of the lignocellulose raw material in the batch cooking vessel; - displacing a first part of a hydrolysate from the batch cooking vessel by adding to the batch cooking vessel at least one first displacement liquid comprising recycled hydrolysate from a hydrolysate recirculation tank, wherein said recycled hydrolysate has been transferred to the hydrolysate recirculation tank from the batch cooking vessel during a previous batch cooking process; - receiving the first part of the hydrolysate in at least one hydrolysate extraction tank; - displacing a second part of the hydrolysate from the batch cooking vessel by adding to the batch cooking vessel at least one second displacement liquid comprising alkaline neutralization liquor; and - receiving the second part of the hydrolysate in a hydrolysate recirculation tank.



21: 2021/08437. 22: 2021/10/29. 43: 2023/05/11
51: C07K; A61K; A61P
71: LG CHEM, LTD.
72: KIM, YEONCHUL, MIN, KYEONGSIK, SON, YOUNG DOK, NA, KYUBONG, HONG, JI HO, JUNG, SAEM, JIN, MYUNG WON, PARK, JI A, NOH, SOOMIN
33: KR 31: 10-2019-0047558 32: 2019-04-23
54: FUSION POLYPEPTIDE COMPRISING FC REGION OF IMMUNOGLOBULIN AND GDF15
00: -
Disclosed are: a fusion polypeptide comprising growth/differentiation factor 15 (GDF15) and an Fc region of an immunoglobulin; a pharmaceutical composition comprising the fusion polypeptide; and a method for increasing the in vivo duration of GDF15, the method comprising a step for fusing an Fc region of an immunoglobulin.



21: 2021/08455. 22: 2021/10/29. 43: 2023/05/08
51: F21V
71: HGCI, INC.
72: CAI, Dengke, HUO, Yongfeng
33: WO 31: PCT/CN2020/132703 32: 2020-11-30
54: LENS COVER HAVING LENS ELEMENT
00: -
A lens cover for a plurality of light emitting devices is provided. The lens cover includes a base substrate and an optical lens element. The optical lens element extends from the base substrate and defines a focal center. The optical lens element includes a length and a width and includes an exterior surface and interior surface. The exterior surface extends from the base substrate along an outer perimeter and is symmetrical about the focal center. The interior surface is symmetrical about the focal center.

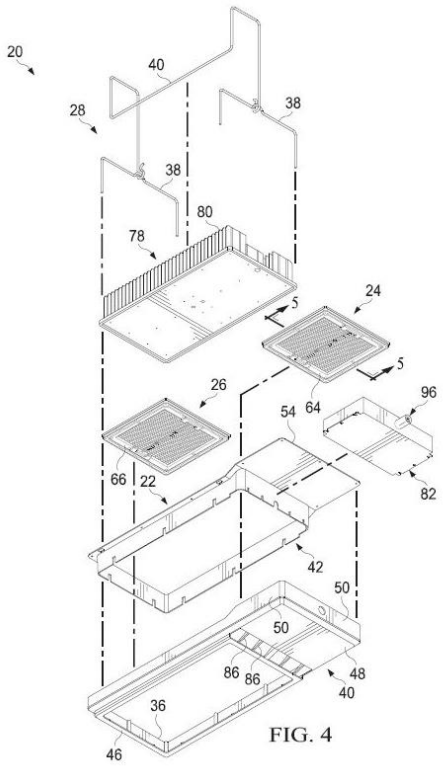
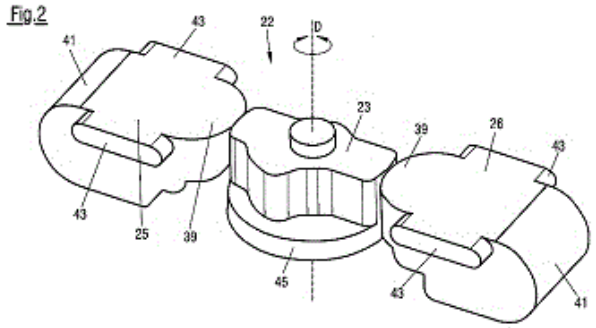


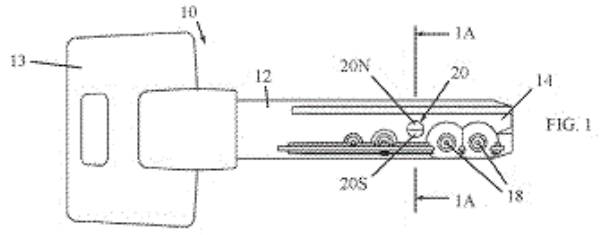
FIG. 4

21: 2021/08672. 22: 2021/11/05. 43: 2023/05/11
51: E05B
71: ABUS AUGUST BREMICKER SÖHNE KG
72: BANSE, MANUEL
33: DE 31: 10 2019 113 184.7 32: 2019-05-17
54: MOBILE ELECTRONIC LOCK
00: -
The invention relates to a mobile electronic lock comprising a lock body and at least one securing part, in particular a U-bracket or block, which can selectively be locked to the lock body or released from the lock body. The lock body additionally comprises a first insertion opening and a second insertion opening for inserting a respective section of the at least one securing part into the lock body; an electromechanical locking device which has a first latch, a second latch, a cam which can be rotated about a rotational axis, and an electric motor for driving the cam; and a control circuit. The first latch can be moved from an unlocking position into a locking position by means of the cam, said first latch engaging into the first insertion opening in the locking position in order to unlock the at least one

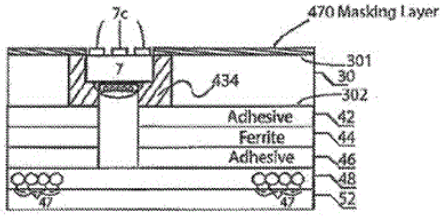
securing part in the first insertion opening, and the second latch can be moved from an unlocking position into a locking position by means of the cam, said second latch engaging into the second insertion opening in the locking position in order to lock the at least one securing part in the second insertion opening. The control circuit is designed to actuate the electric motor in order to drive the cam.



21: 2021/08673. 22: 2021/11/05. 43: 2023/05/11
51: E05B
71: MUL-T-LOCK TECHNOLOGIES LTD.
72: BEN-AHARON, EFFI, BORTMAN, ASAF
33: IL 31: 266258 32: 2019-04-28
54: ROTATABLE MAGNETIC KEY COMBINATION ELEMENT
00: -
A key device (10) includes a generally elongate shaft portion (12), and at least one magnetic key combination element (20) disposed in the shaft portion (12), which is rotatable about a rotation axis (22).



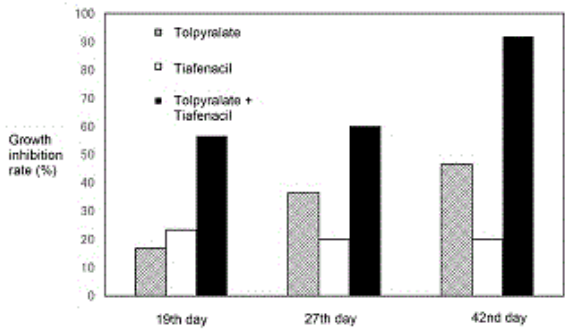
21: 2021/08744. 22: 2021/11/08. 43: 2023/05/11
51: G06K
71: COMPOSECURE, LLC
72: LOWE, ADAM, HERSLOW, JOHN, DASILVA, LUIS, NESTER, BRIAN
33: US 31: 15/976,612 32: 2018-05-10
54: DUAL INTERFACE METAL SMART CARD WITH BOOSTER ANTENNA
00: -
A card having a metal layer and a first cut out region in a first surface of the metal layer. The first cut out region has a depth less than the thickness of the metal layer. The card includes an integrated circuit (IC) module having a first portion secured within the first cut out region. A second cut out region is provided, which extends from the first cut out region to a second surface of the metal layer. The second cut out region defines a non-RF-impeding volume and has a perimeter greater than the perimeter of the first cut out region. The card further includes at least one additional layer stacked on the second surface of the metal layer; and a channel extending between at least one of the layers and the IC module.



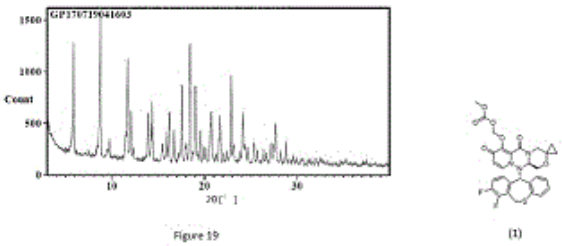
21: 2021/08763. 22: 2021/11/08. 43: 2023/05/10
51: A61K; A61Q
71: OMYA INTERNATIONAL AG
72: KELLER, TOBIAS, BUDDE, TANJA, RENTSCH, SAMUEL
33: EP 31: 19172540.7 32: 2019-05-03
54: MAGNESIUM ION-CONTAINING MATERIALS AS WHITE PIGMENTS IN ORAL CARE COMPOSITIONS
00: -
The present invention relates to an oral care composition comprising a magnesium ion-containing material in an amount from 0.1 to 40 wt.-%, based on the total weight of the composition as well as the use of a magnesium ion-containing material as opacifying agent and/or whitening pigment in oral care compositions.

21: 2021/08764. 22: 2021/11/08. 43: 2023/05/17
51: A01N; A01P
71: ISHIHARA SANGYO KAISHA, LTD.
72: SUGANUMA, TAKETO, ONISHI, ATSUSHI
33: JP 31: 2019-100978 32: 2019-05-30
54: HERBICIDAL COMPOSITION
00: -

At present, many herbicidal compositions have been developed and used, but it has been desired to develop a herbicidal composition having a wider herbicidal spectrum and high activity and thereby capable of controlling undesired plants. The present invention provides a herbicidal composition comprising as active ingredients (a) tolpyralate and (b) tiafenacil.



21: 2021/08765. 22: 2021/11/08. 43: 2023/05/17
51: C07D; A61K; A61P
71: JIANGXI CAISHI PHARMACEUTICAL TECHNOLOGY CO., LTD
72: SHAO, QING, GAN, LIBIN, CHEN, LI
33: CN 31: 201910381020.0 32: 2019-05-08
54: PYRIDONE DERIVATIVE CRYSTAL FORM AND PREPARATION METHOD AND APPLICATION THEREFOR
00: -
Provided are crystals of (((R)-12'-((S)-7,8-difluoro-6,11-dihydrodibenzo[b,e]thiepin-11-yl)-6',8'-dioxo-6',8',12',12a'tetrahydro-1'H-,4'H-spiro[cyclopropane-1,3'-[1,4]oxazino[3,4-c]pyrido[2,1-f][1,2,4]triazine]-7'-yl)oxy)methyl methyl carbonate, i.e. the compound of formula (1) or a solvate thereof and a preparation method therefor, the crystals comprising type A crystals, type B crystals, type C crystals, type D crystals, type E crystals, type F crystals, and single crystals. The crystals of the compound of formula (1) or a solvate therefor can be individually used for clinical treatment or in combination with other anti-influenza drugs such as neuraminidase inhibitors, nucleoside drugs, and PB2 inhibitors, being capable of clinically curing influenza patients quickly, and having very good activity and good bioavailability compared to existing pyridone derivatives. In addition, the stability, hygroscopicity, and storability of the crystals meet the requirements for pharmaceutical use.



21: 2021/08766. 22: 2021/11/08. 43: 2023/05/17
51: B01D; C02F
71: BLUEWATER SWEDEN AB
72: HAGQVIST, PETER
33: SE 31: 1950446-3 32: 2019-04-10
54: A WATER FILTER UNIT
00: -
A water filter unit (100) for purifying pressurized water fed to the water filter unit (100) is provided, said water filter unit (100) comprising; a containment (101) defined by a wall section (110), a first end section (111) and a second end section (112), wherein the wall section (110) is attached to the first end section (111) and the second end section (112); a water inlet (120) arranged in said first or second end section (111,112) through which the pressurized water is fed into the containment (101); a filter membrane (130) arranged in said containment such that at least part of the water is fed through the filter membrane (130); a first water outlet (140) for filtered water from the membrane; wherein the water filter unit (100) further comprises an injector pump (150) arranged to create an increased flow velocity trough the injector pump (150) of said pressurized water fed to the filter membrane (130), and said injector pump (150) is furthermore arranged to receive unfiltered water not fed through the membrane and recirculate said unfiltered water within the containment (101).

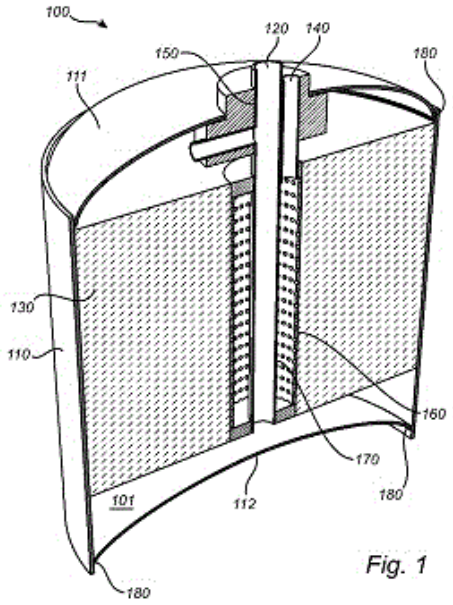
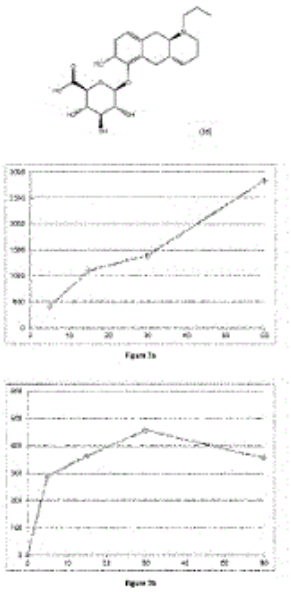


Fig. 1

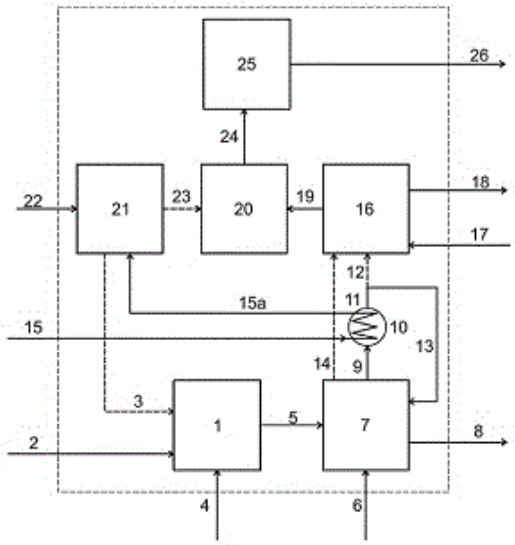


21: 2021/08768. 22: 2021/11/08. 43: 2023/05/17
51: C07D; A61P; A61K
71: H. LUNDBECK A/S
72: JENSEN, KLAUS GJERVIG, JØRGENSEN, MORTEN, JUHL, MARTIN, KVÆRNØ, LISBET, DE DIEGO, HEIDI LOPEZ, FREDHOLT, KARIN, THERKELSEN, FRANS DENNIS, FRIHED, TOBIAS GYLLING, JACOBSEN, MIKKEL FOG
33: DK 31: PA201900599 32: 2019-05-20
33: DK 31: PA201900636 32: 2019-05-24
33: DK 31: PA201900612 32: 2019-05-21
33: DK 31: PA201900598 32: 2019-05-20
54: NEW SOLID FORMS OF (2S,3S,4S,5R,6S)-3,4,5-TRIHYDROXY-6-(((4AR,10AR)-7-HYDROXY-1-PROPYL-1,2,3,4,4A,5,10,10A-OCTAHYDROBENZO[G]QUINOLIN-6-YL)OXY)TETRAHYDRO-2H-PYRAN-2-CARBOXYLIC ACID
00: -
The present invention relates to new solid forms of the compound (2S,3S,4S,5R,6S)-3,4,5- trihydroxy-6-(((4aR,10aR)-7-hydroxy-1-propyl-1,2,3,4,4a,5,10,10a- octahydrobenzo[g]quinolin-6-yl)oxy)tetrahydro-2H-pyran-2-carboxylic acid with the formula (Id) below. The compound of formula (Id) is a prodrug of a catecholamine for use in treatment of neurodegenerative diseases and disorders such as Parkinson's Disease.

21: 2021/08769. 22: 2021/11/08. 43: 2023/05/02
51: A01N; A01P
71: ISHIHARA SANGYO KAISHA, LTD.
72: SUGANUMA, TAKETO, FUKUDA, SHOTA
33: JP 31: 2019-100981 32: 2019-05-30
54: HERBICIDAL COMPOSITION
00: -
At present, many herbicidal compositions have been developed and used, but there are many types of weeds to be controlled, and their development lasts for a long period of time. Accordingly, it has been desired to develop a herbicidal composition having a wider herbicidal spectrum, high activity and residual activity and thereby capable of controlling undesired plants for a long period of time. The present invention provides a herbicidal composition comprising as active ingredients (a) tolpyralate and (b) pyroxsulam.

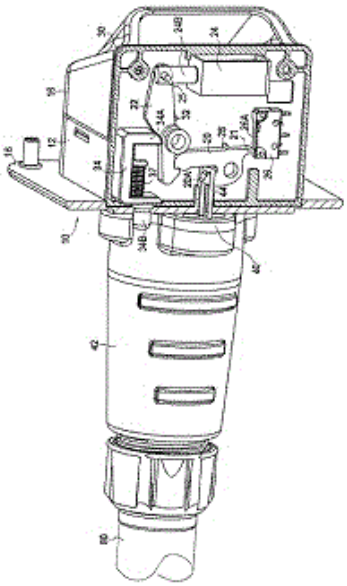
21: 2021/08770. 22: 2021/11/08. 43: 2023/05/02
51: C25C
71: BASF SE, THYSSENKRUPP AG, THYSSENKRUPP INDUSTRIAL SOLUTIONS AG
72: SCHEIFF, FREDERIK, LEDUC, MARC, BODE, ANDREAS, BUEKER, KARSTEN, ANTWEILER, NICOLAI
33: EP 31: 19178470.1 32: 2019-06-05
54: PROCESS AND INTEGRATED PLANT FOR THE TREATMENT OF THE CARBON OXIDES FORMED IN THE PRODUCTION OF ALUMINUM
00: -

The present invention relates to a process for the treatment of an offgas stream (9) which is formed in a plant (7) for the production of aluminum by electrolytic reduction of aluminum oxide in the melt using at least one anode composed of a carbon-comprising material and which owing to the reduction of the aluminum oxide by means of the carbon comprises carbon oxides, wherein, according to the invention, at least a substream of the carbon oxides comprised in the offgas stream is reacted with hydrogen (23) or mixed with a hydrogen stream and subsequently passed to a use. After purification and conditioning of the offgas stream in a device (16), an enrichment, for example, with carbon monoxide can subsequently be carried out in a reactor (20) and the synthesis gas obtained in this way can be fed to a chemical or biotechnological plant (25) for the synthesis of chemicals of value.



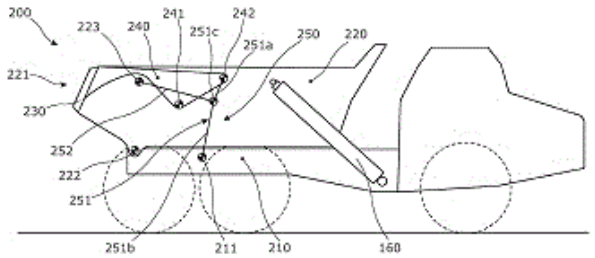
21: 2021/08843. 22: 2021/11/09. 43: 2023/05/02
51: C07K; A61K
71: NAVIGO PROTEINS GMBH
72: BOSSE-DOENECKE, EVA, GLOSER-BRÄUNIG, MANJA, SETTELE, FLORIAN, FIEDLER, ERIK, HAUPTS, ULRICH
33: EP 31: 19168525.4 32: 2019-04-10
54: NOVEL PSMA SPECIFIC BINDING PROTEINS FOR CANCER DIAGNOSIS AND TREATMENT
00: -
The present invention relates to new binding proteins that are specific for prostate specific membrane antigen (PSMA). The invention further refers to PSMA binding proteins that further comprise a diagnostically or therapeutically active component. Further aspects of the invention cover the use of these PSMA binding proteins in medicine, for example, in diagnosis and therapy of cancer associated with PSMA expression.

21: 2021/08850. 22: 2021/11/09. 43: 2023/05/02
51: H01R; B60L
71: MARECHAL ELECTRIC
72: GALLAND, JULIEN, PILLARD, ROMAIN, ZAGROUN, FRANCIS
33: FR 31: FR1904938 32: 2019-05-13
54: ELECTRICAL CONNECTION MOUNT SYSTEM
00: -
Electrical connection mount system (10) comprising an electrical connection mount (12) and a controlled locking mechanism (14) configured to lock/unlock a complementary electrical connection mount (40) which is connected to the electrical connection mount (12), the locking mechanism (14) comprising at least one first lever (20) and a second lever (22), and an electromagnet (24), the first lever (20) forming a latch which is movable between a locking position and an unlocking position, while the second lever (22) is mechanically coupled to the electromagnet (24) and cooperates with the first lever (20), whereby actuation of the electromagnet (24) allows the first lever (20) to be moved from the locking position to the unlocking position.



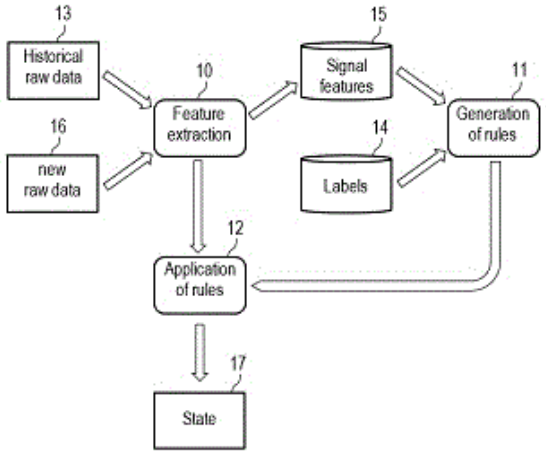
21: 2021/08898. 22: 2021/11/10. 43: 2023/05/02

51: B60P
71: CATERPILLAR SARL
72: LOWERSON, JULIAN, STOKER, MARK
33: GB 31: 1907390.7 32: 2019-05-24
54: TIPPER ASSEMBLY
00: -
A tipper assembly (200) comprises a chassis (210) having a first chassis linkage point (211); a body (220) pivotally attached to the chassis about a body pivot axis (222), the body being pivotable between a lowered position and a raised position; a tailgate (230) moveable between a closed position in which the tailgate is arranged across an end opening (221) of the body and an open position in which the tailgate is pivoted away from the end opening; and a first tailgate lift assembly configured to lift the tailgate from the closed position to the open position on movement of the body from the lowered position to the raised position. The first tailgate lift assembly (250) comprises: a first arm (240) having a tailgate end fixedly attached to the tailgate and a first arm linkage point (242), the first arm being pivotally attached to the body about an arm pivot axis (241), the arm pivot axis being arranged between the tailgate end and the first arm linkage point; and a first linkage assembly connecting the first arm linkage point to the first chassis linkage point, the first linkage assembly comprising an arm link (251) and a rapid opening assembly, the rapid opening assembly having a first end attached to the body or the chassis and a second end attached to an intermediate portion (253) of the arm link. The rapid opening assembly is configured to create a v-shape in the arm link, drawing the first arm linkage point closer to the first chassis linkage point on rotation of the body about the body pivot axis from the lowered to the raised position.

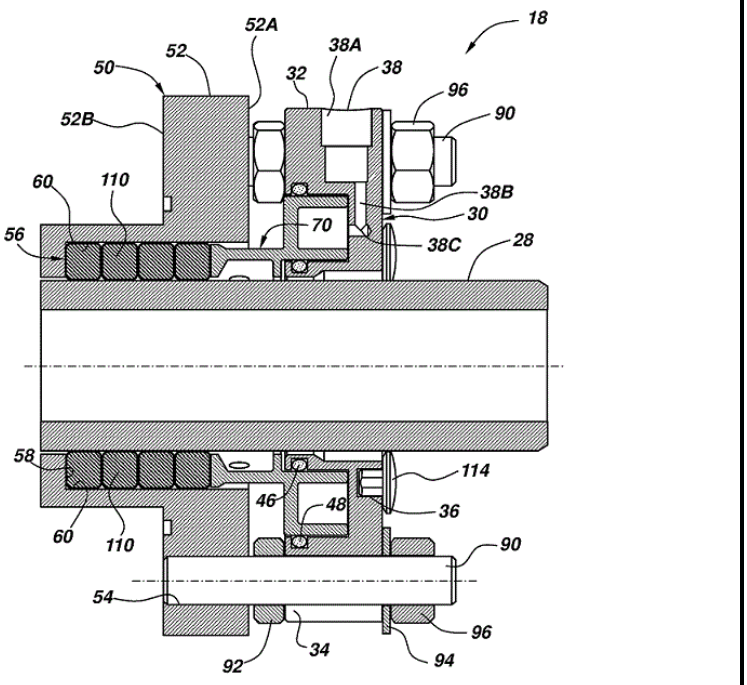


21: 2021/08902. 22: 2021/11/10. 43: 2023/05/02
51: C08F
71: UNILEVER GLOBAL IP LIMITED
72: LAHORKAR, PRAFUL GULAB RAO, LIU, SHIYONG, PERUMAL, RAJKUMAR, SHI, SHENGYU, VAIDYA, ASHISH ANANT, YAO, CHENZHI, YANG, XIAOXIA
33: CN 31: PCT/CN2019/090001 32: 2019-06-04
33: EP 31: 19183810.1 32: 2019-07-02
54: A POLYMER AND A COSMETIC COMPOSITION COMPRISING THE POLYMER
00: -
The present invention relates to a polymer of formula I, a cosmetic composition comprising the polymer of formula I, a method of synthesizing the polymer of formula I; and use of the polymer of formula I to provide a benefit in a photo responsive way.

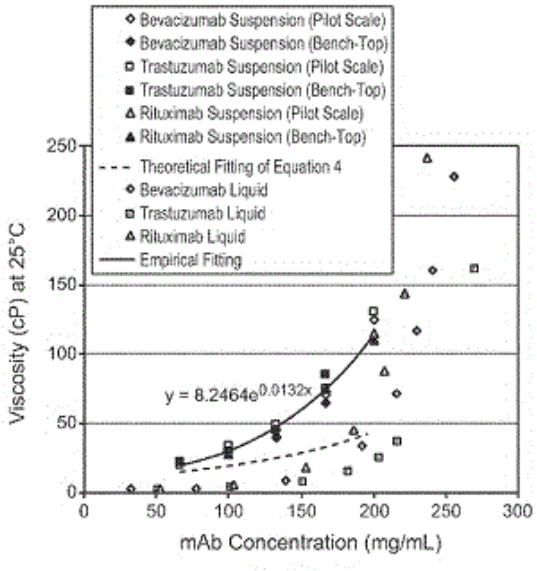
21: 2021/08944. 22: 2021/11/11. 43: 2023/05/02
51: G05B; B05B; B05C
71: DÜRR SYSTEMS AG
72: WINTER, TOBIAS, THOMÄ, PAUL
33: DE 31: 10 2019 112 099.3 32: 2019-05-09
54: MONITORING METHOD FOR AN APPLICATION PLANT AND CORRESPONDING APPLICATION PLANT
00: -
The invention relates to a monitoring method for an application plant for applying an application medium, particularly for a painting plant for painting motor vehicle body parts, the method having the following steps: - determining first sensor raw data (16), which reflect an operating variable of the application plant, - capturing first control signals for controlling the application plant, and - extracting features (15) from the first sensor raw data (16), wherein the features (15) comprise a reduced data volume by comparison with the first sensor raw data (16) and are used as a data basis for a machine learning algorithm. The invention further relates to a correspondingly monitored application plant.



21: 2021/09174. 22: 2021/11/17. 43: 2023/05/22
51: F16J
71: A.W. CHESTERTON COMPANY
72: AZIBERT, Henri Vincent, POWERS, Robert, James, GRIMANIS, Michael, P., MAHONEY, Philip, Michael, Jr.
33: US 31: 62/835,966 32: 2019-04-18
54: SYSTEM AND METHOD FOR AUTOMATICALLY ENERGIZING PACKING MATERIAL WITH A PACKING LOADING ASSEMBLY
00: -
A pressure regulating system (10) for use with a stationary equipment for applying a substantially uniform force or load to a stacked set of packing elements (110). The force applied to the packing elements (110) can be regulated or controlled in real time and in a remote manner. The seal includes an axially movable follower element (70) that can be energized by pressurized fluid to move between a pre-loaded position where the follower element (70) does not apply an axial load to the packing elements (110) to a loaded position where the follower element (70) applies the axial load to the packing elements (110).



21: 2021/09290. 22: 2021/11/19. 43: 2023/05/03
51: A61K
71: GENENTECH, INC.
72: ARMSTRONG, NICHOLAS J, BOWEN, MAYUMI N, MAA, YUH-FUN
33: US 31: 61/649,146 32: 2012-05-18
54: HIGH-CONCENTRATION MONOCLONAL ANTIBODY FORMULATIONS
00: -
The present application discloses high-concentration monoclonal antibody formulations suitable for subcutaneous administration, e.g. via a pre-filled syringe. In particular, it discloses a formulation comprising a spray dried monoclonal antibody at a concentration of about 200 mg/mL or more suspended in a non-aqueous suspension vehicle where the viscocity of the suspension vehicle is less than about 20 centipoise. Also disclosed are: a subcutaneous administration device with the formulation therein, a method of making the formulation, a method of making an article of manufacture comprising the suspension formulation, use of the formulation in the preparation of a medicament, and a method of treating a patient with the formulation.

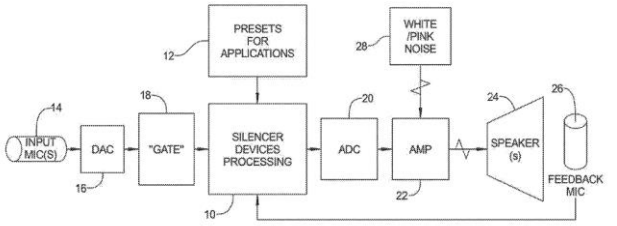


21: 2021/09755. 22: 2018/02/05. 43: 2023/05/30
51: G10K G10L
71: SILENCER DEVICES, LLC
72: SEAGRIFF, Eugene, JUNQUA, Jean-Claude
33: US 31: 62/455,180 32: 2017-02-06
33: US 31: 15/497,417 32: 2017-04-26

54: NOISE CANCELLATION USING SEGMENTED, FREQUENCY-DEPENDENT PHASE CANCELLATION

00: -

Noise abatement within a signal stream containing unwanted signal referred to as noise is performed by acquiring a digitized noise signal and using a digital processor circuit to subdivide the acquired noise signal into different frequency band segments and thereby generate a plurality of segmented noise signals. Then individually for each segmented noise signal, the processor shifts in time the segmented noise signal by an amount dependent on a selected frequency of the segmented noise signal to produce a plurality of shifted segmented noise signals. The precise time shift applied to each noise segment considers the frequency content of the segment and the system processing time. Individually for each segmented noise signal, amplitude scaling is applied. The shifted and amplitude-scaled segmented noise signals are then combined to form a composite anti-noise signal which is output into the signal stream to abate the noise through destructive interference.

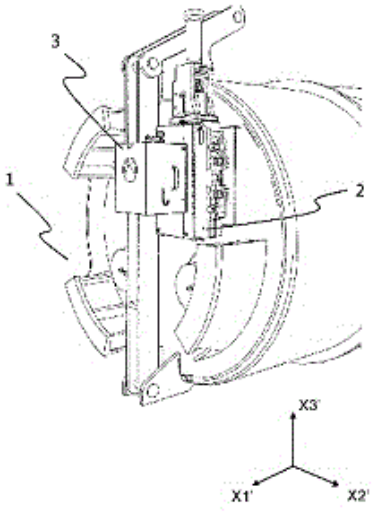


21: 2021/09975. 22: 2021/12/03. 43: 2023/05/17
51: B22D
71: VESUVIUS GROUP, S.A.
72: PICARD, CORENTIN, FAVIA, ANTONIO, JUAN, DENIS
33: EP 31: 19181066.2 32: 2019-06-18
33: EP 31: 19181068.8 32: 2019-06-18

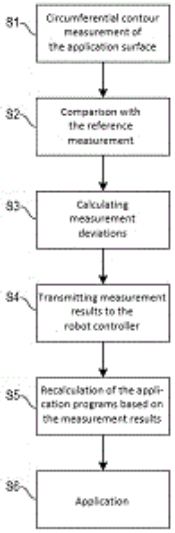
54: PLATE CONDITION TOOL

00: -

Plate condition tool (3) for the measurement of condition data of slide gate valve plates (2u, 2L, 2m) coupled to the slide gate valve (2) a metallurgic vessel (1), such as a ladle, said slide gate valve (2) comprising a collector nozzle (2n), said plate condition tool (3) comprising: a) a main body (4) comprising an obturator (5) for obturating at least partially the collector nozzle (2n); b) a gas injecting device comprising a pressure regulator (6) for injecting a gas in the collector nozzle (2n) through the obturator (5) at a target pressure; c) a gas flow measuring device (7) for measuring the flow of the gas injected by the gas injecting device or a pressure measuring device for measuring the gas pressure in the collector nozzle (2n); d) a controller (8) being communicatively connected to the gas flow measuring device (7) or to the pressure measuring device and being configured to receive input data relating to the relative position of the slide gate valve plates (2u, 2L, 2m); and wherein the obturator (5) comprises a seal holder (51) for holding a collector nozzle seal (52), said seal holder (51) being movable relative to said main body (4) at least along a forward axis X1 of said main body (4) for pressing the collector nozzle seal (52) against the collector nozzle (2n).



21: 2021/10036. 22: 2021/12/06. 43: 2023/05/17
51: B25J; B05B
71: DÜRR SYSTEMS AG
72: KUNZ, HARALD, BAUDER, MANFRED, SPILLER, ALEXANDER
33: DE 31: 10 2019 111 760.7 32: 2019-05-07
54: COATING METHOD AND CORRESPONDING COATING INSTALLATION
00: -
The invention relates to a method for coating a component (4), e.g. a motor vehicle, using a robot (1, 3) wherein the component (4) is surveyed, for example by means of a camera (5) travelling a measuring path, and wherein deviations from the defined coating path (13, 15) are corrected in light of the survey. The method comprises, in particular, the following steps: (a) specifying at least one coating path (13, 15); (b) specifying reference values of the three-dimensional boundary point positions and/or of the boundary point orientations for boundary points on the edges of the surface region of the component (4); (c) three-dimensionally surveying position, orientation and/or shape of the component (4) to be coated or of a part of the component to be coated by means of a measuring system; (d) determining the variance between the measured values for the boundary point positions and/or the boundary point orientations on the one hand and the reference values of the boundary point positions and/or the boundary point orientations on the other hand; (e) adjusting the coating path (13, 15) as a function of the variance determined; (f) moving an application device (3) along the at least one adjusted coating path (13, 15); and (g) applying the coating agent, particularly a paint, with the application device (3) onto the surface of the component (4) to be coated during movement of the application device (3).



21: 2021/10037. 22: 2021/12/06. 43: 2023/05/29
51: A61K
71: PHILIP MORRIS PRODUCTS S.A.
72: MY LY LAO STAHL, HEIDI ZIEGLER BRUUN, BRUNO PROVSTGAARD NIELSEN, BINE HARE JAKOBSEN
33: DK 31: PA 2019 00698 32: 2019-06-07
33: DK 31: PA 2019 70610 32: 2019-09-30
33: DK 31: PA 2019 70612 32: 2019-09-30
33: DK 31: PA 2019 70611 32: 2019-09-30
54: NICOTINE POUCH COMPOSITION AND POUCH COMPRISING SUCH
00: -
A nicotine pouch composition is disclosed, the pouch composition comprising free-base nicotine and having a water content of at least 15% by weight of said pouch composition. Furthermore, an oral nicotine pouch product comprising the pouch composition and a method for manufacturing the oral nicotine pouch product is disclosed.

21: 2021/10039. 22: 2021/12/06. 43: 2023/05/29
51: A61K
71: PHILIP MORRIS PRODUCTS S.A.
72: MY LY LAO STAHL, HEIDI ZIEGLER BRUUN, BRUNO PROVSTGAARD NIELSEN, JESPER NEERGAARD, BINE HARE JAKOBSEN
33: DK 31: PA 2019 00698 32: 2019-06-07
33: DK 31: PA 2019 70610 32: 2019-09-30

33: DK 31: PA 2019 70612 32: 2019-09-30
33: DK 31: PA 2019 70611 32: 2019-09-30
54: NICOTINE POUCH COMPOSITION
00: -
A nicotine pouch composition is disclosed, the pouch composition comprising at least one sugar alcohol, at least one water-insoluble fiber, water in an amount of 8-65% by weight of the composition, and nicotine. Also, an oral pouched nicotine product and a method for manufacturing an oral pouched product is disclosed.

21: 2021/10095. 22: 2021/12/07. 43: 2023/05/17
51: B60Q; E02F
71: CATERPILLAR INC.
72: MCKNIGHT, JAMES, BUMPUS, DAVID
33: US 31: 16/436,434 32: 2019-06-10
54: COLLISION AVOIDANCE ACTIVATION LIGHTS
00: -
An electronic control unit (ECU) is disclosed. The ECU may receive a command associated with a vehicle. The ECU may actuate one or more lights on the vehicle in a first mode based on receiving the command. The ECU may transmit, while actuating the one or more lights in the first mode, the command to a vehicle controller associated with the vehicle. The ECU may actuate the one or more lights in a second mode based on receiving an acknowledgement of the command from the vehicle controller.

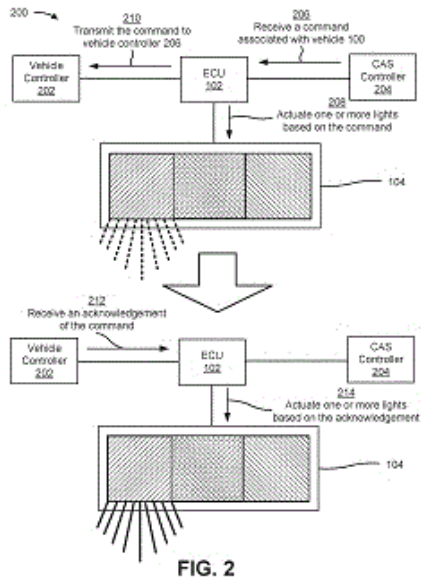
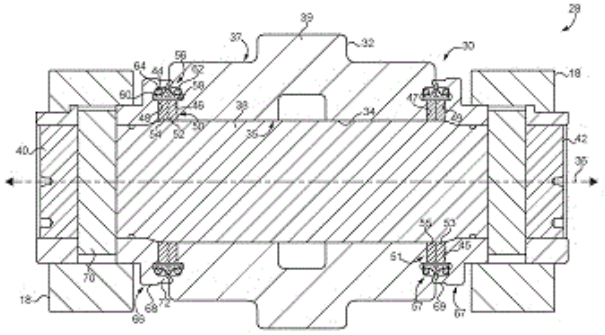


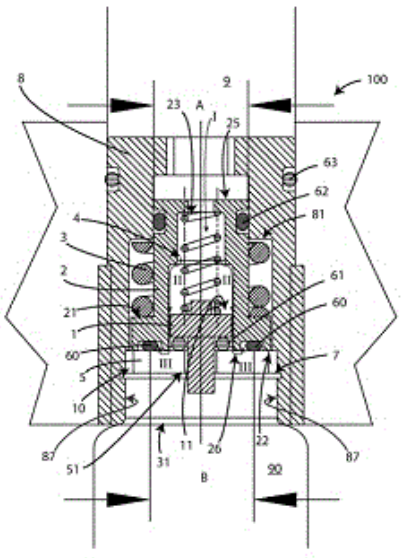
FIG. 2

21: 2021/10096. 22: 2021/12/07. 43: 2023/05/17
51: B62D; F16C
71: CATERPILLAR INC.
72: ABELLO, BENOIT, PALTHEY-GLOMEAU, PAUL, LOEFFLER, BRIAN, HAKES, DAVID JENNINGS
33: US 31: 16/436,209 32: 2019-06-10
54: ROTATABLE ELEMENT IN MACHINE TRACK HAVING THRUST WASHER STACK FOR STEPPING DOWN RELATIVE SPEEDS
00: -
A sealed and lubricated rotatable track engaging element (130) includes a roller (32) and a roller shaft (38) extending through the roller (32) to support the roller (32) for rotation about a major axis (36). A first thrust surface (46) is fixed relative to the roller (32), and a second thrust surface (48) is fixed relative to the roller shaft (38). A seal cavity (44) extends between the roller (32) and the roller shaft (38) and is formed in part by each of the first thrust surface (46) and the second thrust surface (48), and a thrust washer stack (50) is within the seal cavity (44) and trapped between the first thrust surface (46) and the second thrust surface (48). The thrust washer stack (50) includes an inner thrust washer contacting the roller (32) to rotate at a first fractional speed of a speed of rotation of the roller (32), and an outer thrust washer contacting the inner thrust washer and the collar (68) to rotate at a second fractional speed that is less than the first fractional speed.

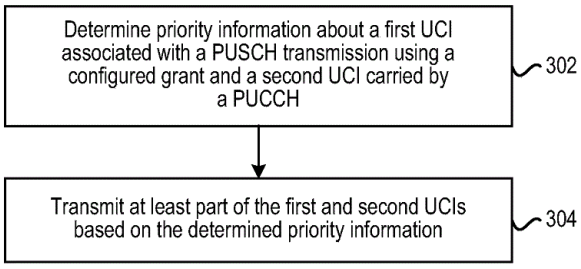


21: 2021/10110. 22: 2021/12/07. 43: 2023/05/17
51: F17C
71: CAPPELLER FUTURA SRL
72: CAPPELLER, ALESSANDRO, CAMPAGNARI, CLAUDIO
33: IT 31: 102019000008637 32: 2019-06-11
54: RELEASE VALVE
00: -

The invention relates to a release valve (100), installable on a container intended to contain a pressurized fluid and capable of maintaining a pressure difference between a first environment (9) and a second environment (90), comprising a housing (8), a first thrust means (3), a closure element (5), and a slider (2), wherein said housing (8) contains at least said slider (2) and said first thrust means (3), wherein said slider (2) comprises a first surface (25) facing the first environment (9), and a second surface (26), facing the second environment (90), and having an area greater than said first surface (25), wherein said closure element (5) is interposed between said second environment (90) and said slider (2), and wherein said first thrust means (3) is positioned between said slider (2) and said housing (8), so as to obtain at least one closed contact profile between said closure element (5) and said second surface (26), wherein said release valve (100) is characterized in that said fluid exerts on said second surface (26) a pressing force greater than the pressing force exerted on said first surface (25), and in that said first (25) and second (26) surfaces are arranged in such a way that, if the pressure difference between said first environment (9) and said second environment (90) remains below a predetermined value, said first thrust means (3) realizes said closed contact profile between said closure element (5) and said slider (2).



21: 2021/10156. 22: 2021/12/08. 43: 2023/05/22
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: WANG, Min, LIU, Jinhua
33: CN 31: PCT/CN2019/086722 32: 2019-05-13
54: METHODS, TERMINAL DEVICE AND NETWORK NODE FOR UPLINK TRANSMISSION
00: -
Methods, a terminal device and a network node are disclosed for uplink transmission. According to an embodiment, the terminal device determines priority information about a first uplink control information (UCI) associated with a physical uplink shared channel (PUSCH) transmission using a configured grant and a second UCI carried by a physical uplink control channel (PUCCH). The terminal device transmits at least part of the first and second UCIs based on the determined priority information.



21: 2021/10168. 22: 2021/12/08. 43: 2023/05/17
51: B05B
71: DÜRR SYSTEMS AG
72: FRITZ, HANS-GEORG, WÖHR, BENJAMIN, LAVALLÉE, JEROME, BUBEK, MORITZ, BEYL, TIMO, TANDLER, DANIEL, BERNDT, TOBIAS, HERRE, FRANK, SOTZNY, STEFFEN
33: DE 31: 10 2019 112 113.2 32: 2019-05-09
54: COATING METHOD AND CORRESPONDING COATING INSTALLATION
00: -
The invention relates to a coating method for coating a component (for example, a motor vehicle body component) with a coating agent (for example, paint), with the following steps: fixing of a pattern on the component surface of the component to be coated, wherein the pattern is a surface region which is bordered by a contour; and full-area coating of the component surface with the coating agent within the contour; coating with sharp edges of the component surface with a coating agent along at least one part of the contour of the pattern. Furthermore, the invention comprises a coating installation which operates in a corresponding manner.

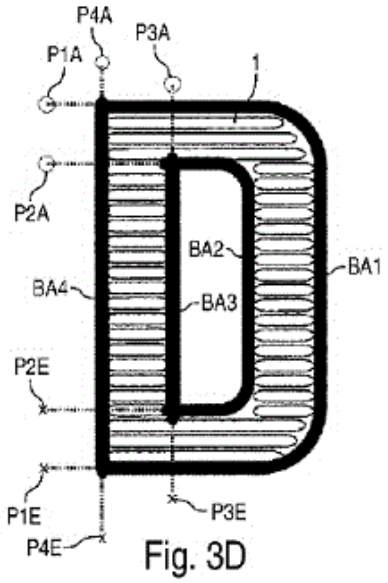
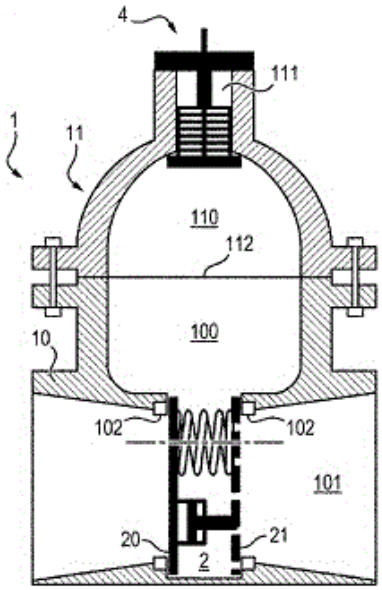
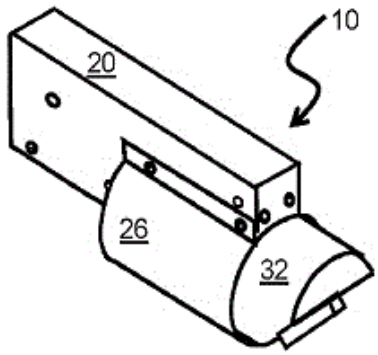


Fig. 3D

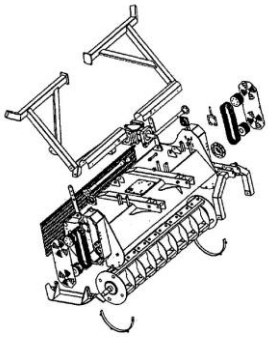
21: 2021/10169. 22: 2021/12/08. 43: 2023/05/17
51: F16L; G01M; F16K
71: ELECTRICITE DE FRANCE
72: FRENEAU, CORALIE, HOUSSAY, FABIEN, BARANGER, RUDOLPH, TABUTIN, AXEL, SORIANO, LAURENT, OLLIVIER, ANTOINE
33: FR 31: FR1906744 32: 2019-06-21
54: APPARATUS FOR CONDUCTING A HYDRAULIC PROOF TEST
00: -
The invention relates to hydraulic proof-test apparatus comprising at least a valve (1) with parallel seats (102), and comprising: - a shut-off member (2) with parallel plates (20, 21) which are connected by connecting means for regulating their separation, to cause them to pass from a first position in which this separation is enough to allow the shut-off member (2) to be introduced into said valve (1) to a second position in which said separation is greater, this separation allowing them to be pressed firmly against said parallel seats (102); - a device (3) for inserting said shut-off member (2) into said valve (1) which comprises at least a U-shaped tool configured to be introduced into said valve (1), with its parallel arms forming guides, while its base forms a support for holding said shut-off member (2); - a "dummy stem" (4).



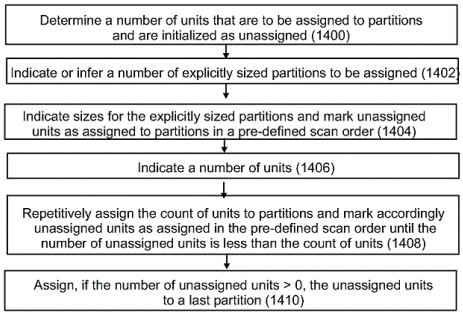
21: 2021/10170. 22: 2021/12/08. 43: 2023/05/17
51: G01B; F27D
71: PROCESS METRIX, LLC
72: BONIN, MICHEL
33: US 31: 62/862,899 32: 2019-06-18
54: SYSTEM, DEVICE AND METHOD FOR MEASURING THE INTERIOR REFRACTORY LINING OF A VESSEL
00: -
A scanner assembly (10) is configured to be mounted on a scanner manipulator arm (82), to be placed in proximity to an opening in a vessel or inserted into an opening in a vessel, and to measure distances from a scanner emitter/sensor (40) within the scanner assembly (10) to a plurality of points on the surface of the refractory lining to characterize the concave interior of the vessel in a single scan. A scanner manipulator having a manipulator arm attached to the scanner assembly maintains the scanner assembly in measurement positions. A control system controls the position of the scanner assembly, the orientation of the emitter sensor, and the acquisition, storage, processing and presentation of measurements produced by the emitter/sensor. The field of view obtained from the scanner assembly (10) in a single scan exceeds a hemisphere.



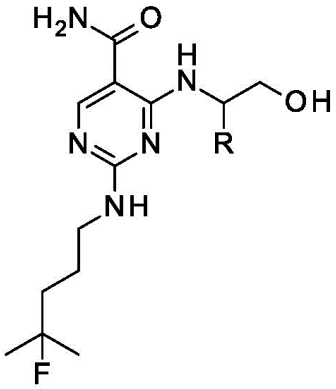
21: 2021/10171. 22: 2021/12/08. 43: 2023/05/08
51: A01B
71: AGROTRITUS - LOCAÇÃO E COMERCIO DE MAQUINAS, LTDA
72: PINA CABRITA DA SILVA RIBEIRO, Manuel
33: AP 31: AP/P/2019/011556 32: 2019-05-09
54: DEVICE FOR AGRICULTURAL MACHINE
00: -
This patent application, which belongs to the field of agricultural supplies, reveals an equipment for cutting pens to medium-sized trees which are grinded, and so far there is no equipment that performs the grinding of waste, cleaning and preparation of areas to be cultivated and for such activities, several specific equipment for each task is needed; therefore, the object of this patent application is an innovative configuration composed by a horizontal chassis(2) which bears in the center of its upper side a transmission shaft (3), which has an input shaft (4)) in the front side and two output shafts, one on each side, in which the transmission shafts are connected (5) and deflection rollers are coupled at the ends, (6) which are connected to lower deflection rollers (7) by means of straps (8). The referred lower deflection rollers (7) are connected at the ends of a cutting rotor (9), which is placed at the lower side of the chassis (2) and above the chassis and at its ends, there are two opposed arms in "L" shape (21) and at the center, there is a frame in a "U" shape (22) and finally on the rear side of the chassis (2) there is a chains curtain (24). These machines - the ecotriturers, vp or vl, can work according to the soil and the vegetation type with two rotors models of high robustness and efficiency, hammer or nozzle rotor and special steel knives rotor, another important point is to highlight two lines the vp - heavy version with different models according to the power of the tractor (models 100, 200 or 300 or other adapted to the different tractors or machinery) and the vl - light version (models 100, 200 or 300 or other adapted to different tractors or machinery).



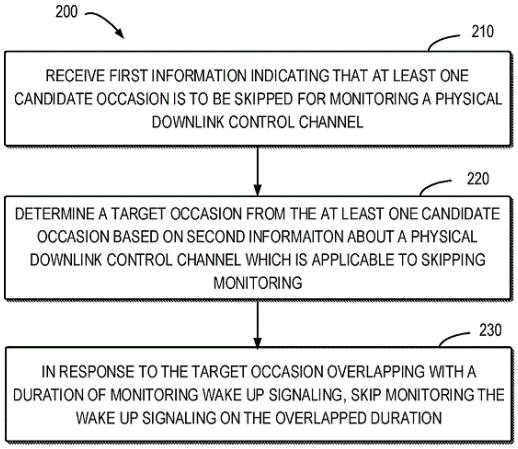
21: 2021/10472. 22: 2021/12/15. 43: 2023/05/23
51: H04N
71: NOKIA TECHNOLOGIES OY
72: HANNUKSELA, Miska
33: FI 31: 20195465 32: 2019-06-03
33: FI 31: 20195728 32: 2019-09-03
54: AN APPARATUS, A METHOD AND A COMPUTER PROGRAM FOR VIDEO CODING AND DECODING
00: -
A method comprising: determining a number of units that are to be assigned to partitions and are initialized as unassigned; indicating or inferring a number of explicitly sized partitions to be assigned; indicating sizes for the explicitly sized partitions and accordingly marking unassigned units as assigned to partitions in a pre-defined scan order; indicating a count of units; repetitively assigning the count of units to partitions and accordingly marking unassigned units as assigned in the pre-defined scan order until the number of unassigned units is less than the count of units; and assigning, if the number of unassigned units is greater than 0, the unassigned units to a last partition.



21: 2022/00234. 22: 2022/01/04. 43: 2023/05/10
51: A61K; A61P; C07D
71: Eli Lilly and Company
72: RUENO PLAZA, Gema Sra
33: EP(ES) 31: 19382686.4 32: 2019-08-06
54: PYRIMIDINE-5-CARBOXAMIDE COMPOUND
00: -
The present invention provides a compound of the formula: or a pharmaceutically acceptable salt thereof, and methods of using this compound for treating type 2 diabetes mellitus.

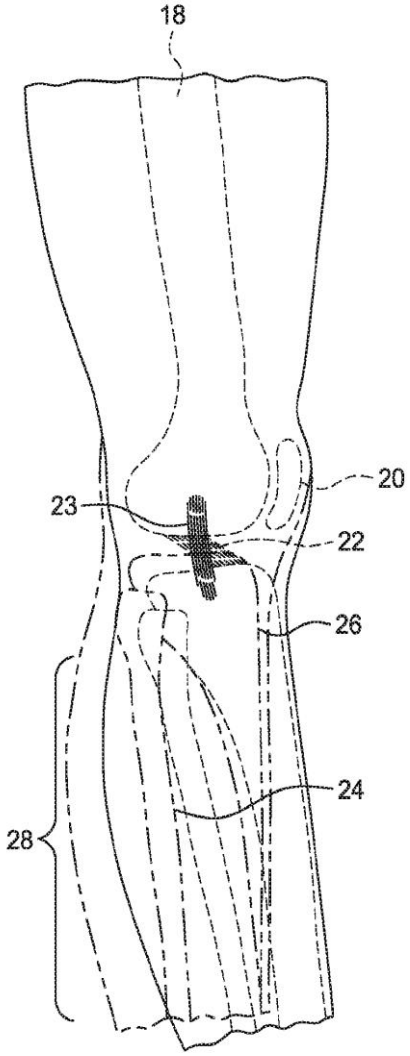


21: 2022/00269. 22: 2022/01/05. 43: 2023/05/23
51: H04W
71: NOKIA TECHNOLOGIES OY
72: KOSKINEN, Jussi-Pekka, WU, Chunli, TURTINEN, Samuli
54: MECHANISM FOR HANDLING PDCCH SKIPPING AND WAKE UP SIGNALING
00: -
Embodiments of the present disclosure relate to handling physical downlink control channel skipping and wake up signaling. According to example embodiments of the present disclosure, there is provided a solution for handling WUS occasions and the PDCCH skipping. In this solution, the device may determine whether to skip monitoring the PDCCH and determine whether to skip monitoring the WUS based on the type of PDCCH. The device may also determine when to transmit the WUS based on the type of the PDCCH. In this way, the WUS and the PDCCH skipping can be configured simultaneously and the power can be further saved.



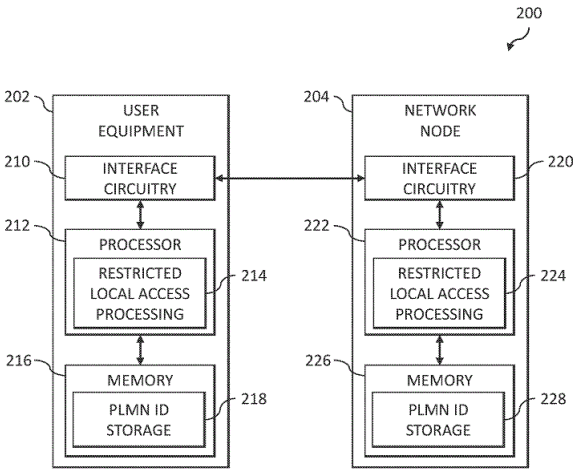
21: 2022/00282. 22: 2022/01/05. 43: 2023/05/10
51: A61M; A61K
71: AVAXZIPEN LIMITED
72: GRANT, DAVID ANDREW, MACGREGOR, CHRIS
33: GB 31: 1909280.8 32: 2019-06-27
54: SOLID DOSE FORMULATIONS FOR NEEDLE-FREE DELIVERY
00: -
The present disclosure relates to solid dose formulations for needle-free delivery comprising 0.01 to 60 (w/w) of one or more therapeutic agent and/or prophylactic agent; and 40.0% to 99.99 % (w/w) of dextran. The invention further concerns methods of producing a solid dose formulation tablet and application its particular medical uses, in particular as a vaccine.

21: 2022/00395. 22: 2022/01/07. 43: 2023/06/02
51: A61F
71: MOBIUS TECHNOLOGIES, LLC
72: FLEMING, Darren
33: US 31: 16/436,786 32: 2019-06-10
54: CABLE BRACE SYSTEM
00: -
It is the object of the invention to provide a bracing system that bolsters the body's natural ligaments to reduce the proneness to injury or re-injury. The invention is a cable system that acts much like the body's natural ligaments, and that resists the forces that cause excessive joint movement and injury. As the ligament travels through the range of motion the control loops formed by cables provide external hyperextension, bending, and rotation support.

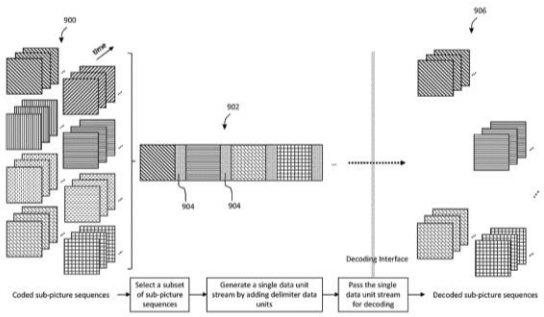


21: 2022/00584. 22: 2022/01/12. 43: 2023/05/23
51: H04W H04L
71: NOKIA TECHNOLOGIES OY
72: NAIR, Suresh
33: US 31: 62/861,700 32: 2019-06-14
54: CONTROLLING PROVISION OF ACCESS TO RESTRICTED LOCAL OPERATOR SERVICES BY USER EQUIPMENT
00: -
Improved techniques are provided for security management in communication systems particularly with respect to access to restricted local operator services in the case of roaming user devices. In one example in accordance with user equipment in a communication system, a method includes initiating a request for access to restricted local operator services, acquiring a network identifier comprising a

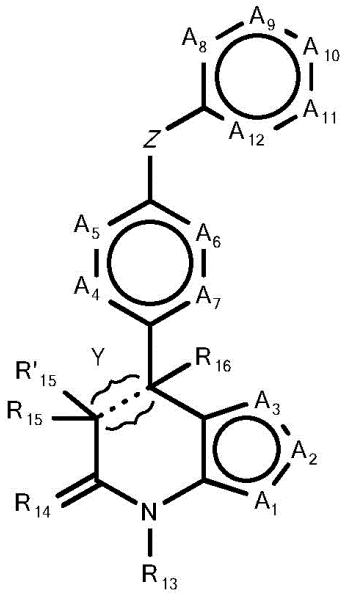
first country code, and comparing the acquired network identifier with a stored network identifier comprising a second country code. A determination is made whether the first country code and the second country code are different. At least a first action is performed in response to an affirmative determination, and at least a second action is performed in response to a negative determination.



21: 2022/00585. 22: 2022/01/12. 43: 2023/05/23
51: H04N
71: NOKIA TECHNOLOGIES OY
72: HANNUKSELA, Miska
33: US 31: 62/864,371 32: 2019-06-20
54: AN APPARATUS, A METHOD AND A COMPUTER PROGRAM FOR VIDEO ENCODING AND DECODING
00: -
There is disclosed a method, an apparatus and a computer program product for video encoding and decoding. In accordance with an embodiment the method for encoding comprises concluding that a coded video sequence starts at particular position in a bitstream, wherein the coded video sequence is a sequence of coded pictures in decoding order that is independently decodable and is followed by another coded video sequence or the end of the bitstream, and wherein the bitstream comprises access units, and an access unit comprises coded video data for a single time instance and associated other data, and an access unit comprises one or more network abstraction layer (NAL) units; and indicating in an access unit delimiter to treat the NAL unit(s) associated with the access unit delimiter as a start of a coded video sequence.



21: 2022/00591. 22: 2022/01/12. 43: 2023/05/09
51: A61K; A61P; C07D
71: Lead Pharma Holding B.V.
72: LEMMERS, Jaap Gerardus Henricus, DERETEY, Eugen, KLOMP, Johannes Petrus Gerardus, CALS, Joseph Maria Gerardus Barbara, OUBRIE, Arthur
33: EP(NL) 31: 19184515.5 32: 2019-07-04
54: ESTROGEN-RELATED RECEPTOR ALPHA (ERRa) MODULATORS
00: -
The present invention is directed to compounds according to Formula (I) and the pharmaceutically acceptable salts thereof. The compounds can be used as modulators of Estrogen-related Receptor alpha (ERRa) and have utility in the treatment of ERRa-mediated diseases or conditions.



(Formula I)

21: 2022/01157. 22: 2022/01/25. 43: 2023/06/02
51: A61K; C07D; A61P
71: SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED
72: PAL, Ranjan Kumar, SAMANTA, Biswajit, ARADHYE, Jayraj Dilipbhai, PATHAK, Sandeep Pankajkumar, PRAJAPATI, Kaushik Dhanjibhai, PANCHAL, Bhavesh Mohanbhai, CHITTURI,Trinadha Rao
33: IN 31: 201921029554 32: 2019-07-22
54: SELECTIVE ESTROGEN RECEPTOR DEGRADER
00: -
A selective estrogen receptor degrader (SERD), a compound 3-(3,5-difluorophenyl)-2-[4-[(*E*)-3-[3-(fluoromethyl)azetidin-1-yl]prop-1-enyl]phenyl]-4-methyl-2*H*-chromen-7-ol, and its S enantiomer, (2S)-3-(3,5-difluorophenyl)-2-[4-[(*E*)-3-[3-(fluoromethyl)azetidin-1-yl]prop-1-enyl]phenyl]-4-methyl-2*H*-chromen-7-ol, or pharmaceutically acceptable salts thereof. Also provided are processes for their preparation. Also provided for is the use of these compounds for the treatment of diseases which are related to modulation of estrogen receptors, such as ER-positive breast cancer.

21: 2022/01352. 22: 2022/01/28. 43: 2023/05/08
51: F21V
71: HGCI, INC.
72: CAI, Dengke, HUO, Yongfeng
33: WO 31: PCT/CN2020/132703 32: 2020-11-30
54: LENS COVER HAVING LENS ELEMENT
00: -
A lens cover for a plurality of light emitting devices is provided. The lens cover includes a base substrate and an optical lens element. The optical lens element extends from the base substrate and defines a focal center. The optical lens element includes a length and a width and includes an exterior surface and interior surface. The exterior surface extends from the base substrate along an outer perimeter and is symmetrical about the focal center. The interior surface is symmetrical about the focal center.

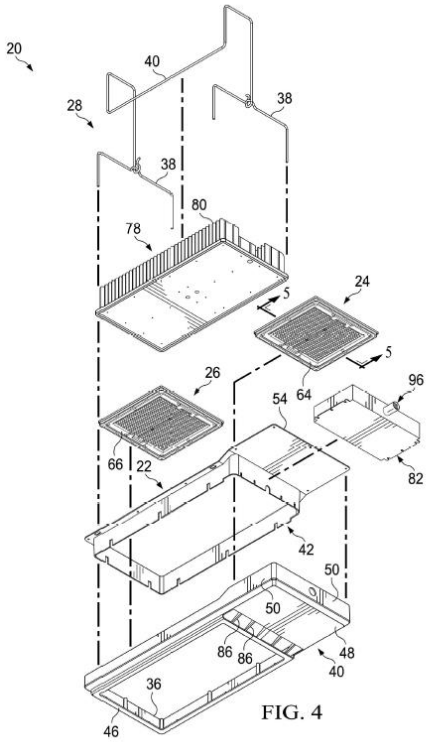
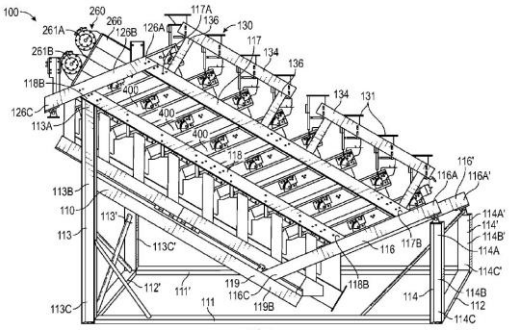


FIG. 4

21: 2022/01447. 22: 2022/02/01. 43: 2023/05/11
51: B07B
71: DERRICK CORPORATION
72: COLGROVE, James R., PERESAN, Michael L.
33: US 31: 16/460,764 32: 2019-07-02
54: APPARATUSES, METHODS, AND SYSTEMS FOR VIBRATORY SCREENING
00: -
Vibratory screening machines (100) that include stacked screening deck assemblies (400) are provided. The vibratory screening machines include an outer frame (110), an inner frame (120) connected to the outer frame, and a vibratory motor assembly secured to the inner frame for vibrating the inner frame. A plurality of screen deck assemblies is

attached to the inner frame in a stacked arrangement, each configured to receive replaceable screen assemblies. The screen assemblies are secured to respective ones of the plurality of the screen deck assemblies by tensioning the screen assemblies in a direction that a material to be screened flows across the screen assemblies. An undersized material discharge assembly is configured to receive materials that pass through the screen assemblies, and an oversized material discharge assembly having a deflector (1902) is configured to receive materials that pass over the screen assemblies.

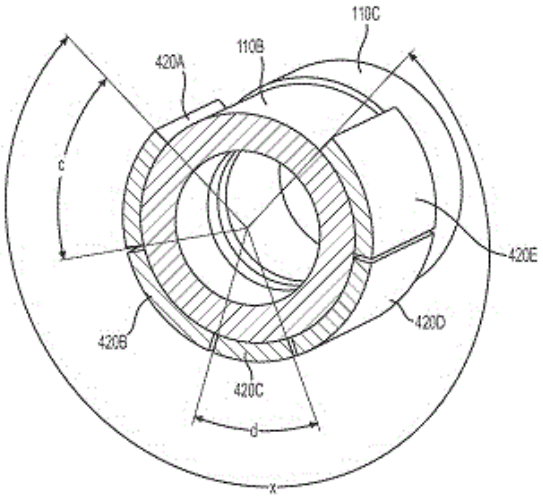


21: 2022/01547. 22: 2022/02/03. 43: 2023/05/12
51: B62D
71: CATERPILLAR INC.
72: RATHOD, CHANDRASEN R, RECKER, ROGER L, PICKERILL, ROBERT J, GRAHAM, SUSAN M, KEELE, SCOTT, YANIAK, THOMAS J
33: US 31: 16/534,866 32: 2019-08-07

54: TRACK ASSEMBLY BUSHING HAVING WHITE IRON MEMBER

00: -

A bushing (100) for a track assembly (12), according to one or more embodiments, includes: a tubular bushing substrate (110) having a longitudinal length and an outer surface (112); and at least one white iron member (120) fixed to the outer surface (112) of the tubular bushing substrate.

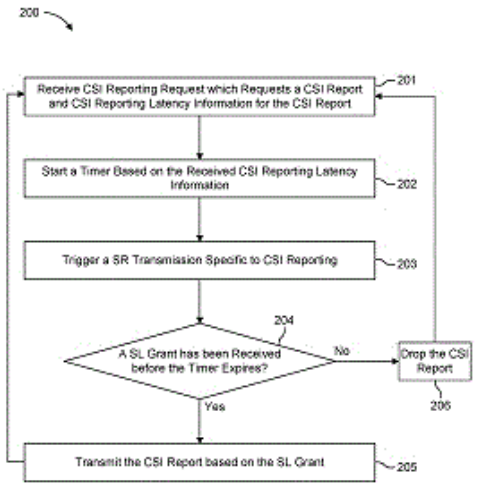


21: 2022/01800. 22: 2022/02/10. 43: 2023/05/10
51: H04W; H04B
71: INTERDIGITAL PATENT HOLDINGS, INC.
72: LEE, MOON-IL, DENG, TAO, FREDA, MARTINO M, HOANG, TUONG, YE, CHUNXUAN
33: US 31: 62/930,970 32: 2019-11-05
33: US 31: 62/975,497 32: 2020-02-12
33: US 31: 62/886,740 32: 2019-08-14

54: APPARATUS AND METHODS FOR NEW RADIO SIDELINK CHANNEL STATE INFORMATION ACQUISITION

00: -

A method for use in a wireless transmit/receive unit (WTRU) is disclosed. The WTRU is able to communicate with a network through sidelink (SL). The WTRU is configured with a set of scheduling request (SR) configurations. The method comprises: receiving, through the SL, (1) CSI reporting request which requests a CSI report and (2) CSI reporting latency information for the CSI report; starting a timer based on the received CSI reporting latency information; triggering a SR transmission specific to CSI reporting; and determining if a SL grant has been received before the time expires, wherein on a condition that the SL grant has been received before the timer expires, the method further comprises 205 transmitting the CSI report based on the SL grant; on a condition that no SL grant has been received before the timer expires, the method further comprises 206 dropping the CSI report.

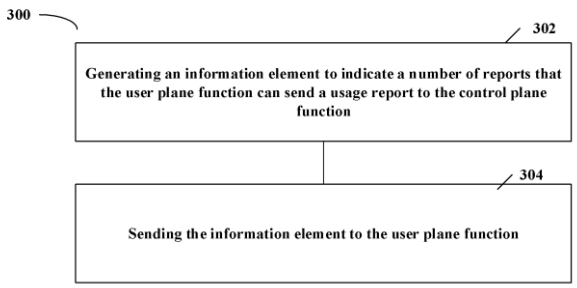


21: 2022/01801. 22: 2022/02/10. 43: 2023/06/02
51: B31F; C08F; C09D; C09J; D21H
71: BUCKMAN LABORATORIES INTERNATIONAL, INC.
72: MOUSTAFA, Ahmed, GLOVER, Daniel
33: US 31: 62/898,719 32: 2019-09-11
54: GRAFTED POLYVINYL ALCOHOL POLYMER, FORMULATIONS CONTAINING THE SAME AND CREPING METHODS
00: -
A grafted polyvinyl alcohol polymer includes a polyvinyl alcohol main chain and a plurality of side chains grafted to the polyvinyl alcohol main chain. One or more of the side chains from the plurality of side chains include one or more units selected from: an aliphatic carboxylic acid, an aliphatic amide, an amino alkyl (meth)acrylate, a hydroxylated alkyl (meth)acrylate, or any combinations thereof. The grafted polyvinyl alcohol polymer can be included in a formulation that also includes water, and the formulation can be used as an adhesive in a creping process.

21: 2022/01829. 22: 2022/02/11. 43: 2023/06/02
51: A61K; C07D; A61P
71: CRINETICS PHARMACEUTICALS, INC.
72: ZHAO, Jian, ZHU, Yunfei, WANG, Shimiao, CHEN, Mi, PONTILLO, Joseph
33: US 31: 62/886,764 32: 2019-08-14
54: NONPEPTIDE SOMATOSTATIN TYPE 5 RECEPTOR AGONISTS AND USES THEREOF
00: -
Described herein are compounds that are somatostatin modulators, methods of making such compounds, pharmaceutical compositions and medicaments comprising such compounds, and methods of using such compounds in the treatment of conditions, diseases, or disorders that would benefit from modulation of somatostatin activity.

21: 2022/02302. 22: 2022/02/23. 43: 2023/05/22
51: C12N A61K
71: AEON BIOPHARMA, INC.
72: BROOKS, Gregory, F., BLUMENFELD, Andrew, M.
33: US 31: 62/894,540 32: 2019-08-30
33: US 31: 62/950,775 32: 2019-12-19
33: US 31: 63/011,168 32: 2020-04-16
33: US 31: 63/029,304 32: 2020-05-22
54: NEUROTOXIN COMPOSITIONS FOR USE IN TREATING HEADACHE
00: -
Disclosed herein are compositions and methods for use in treating Migraine, for example Episodic or Chronic Migraine, including methods with reduced side effects and comparable or improved efficacy as compared to methods known in the art.

21: 2022/02306. 22: 2022/02/23. 43: 2023/05/22
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: WEI, Zhansheng, HE, Yingjiao, ZHU, Jinyin, YANG, Yong
33: CN 31: PCT/CN2019/099298 32: 2019-08-05
54: METHOD AND APPARATUS FOR SESSION MANAGEMENT
00: -
Embodiments of the present disclosure provide method and apparatus for session management. A method at a control plane function comprises generating an information element to indicate a number of reports that the user plane function can send a usage report to the control plane function. The method further comprises sending the information element to the user plane function.



21: 2022/02413. 22: 2022/02/25. 43: 2023/06/02
51: G06Q; H04W
71: CRITICAL IDEAS, INC. DBA CHIPPER
72: TRIEST, Patrick Nelson, MOUJALED, Maijid
33: US 31: 62/885,083 32: 2019-08-09
54: AUTHENTICATION VIA USSD
00: -
A system and a method are disclosed for authenticating a user of a mobile device using Unstructured Supplementary Service Data ("USSD") protocol. The mobile device generates a one-time-password ("OTP") code and sends that OTP code to a telecommunications server that forwards the content of the USSD message to the application server using an included short code. The OTP code is also sent out to the application server outside of the USSD protocol. When the application server receives both transmissions, the application server compares the OTP codes of these transmissions and determines whether the codes match. If the OTP codes match, the application server determines that authentication is successful and transmits an authentication token to the mobile device that is used to secure communications between the mobile device and the application server.

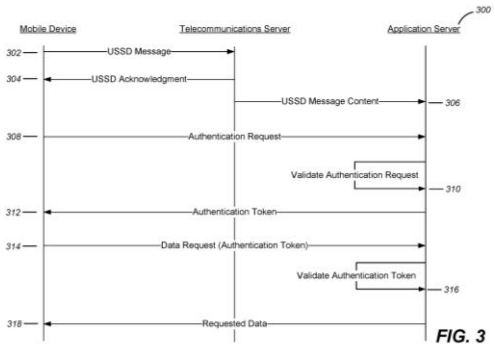
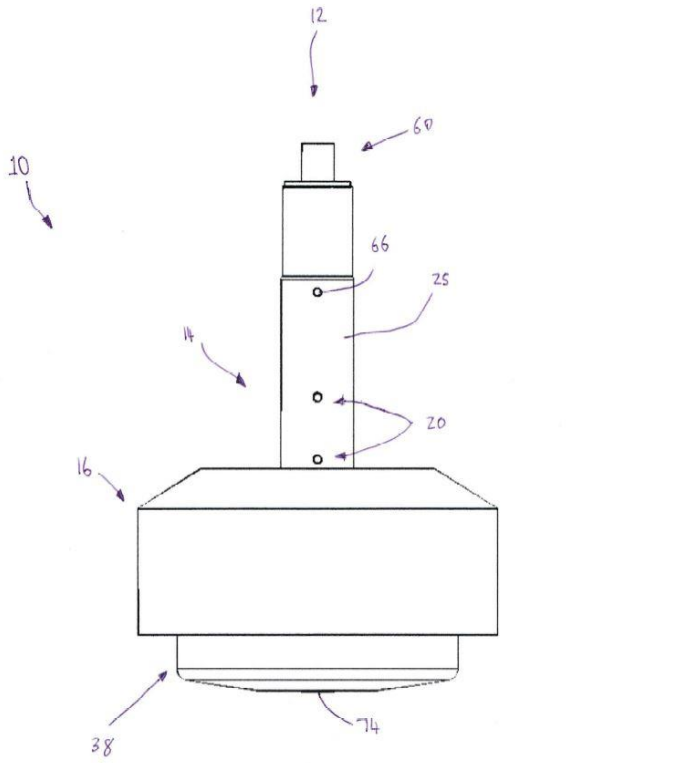


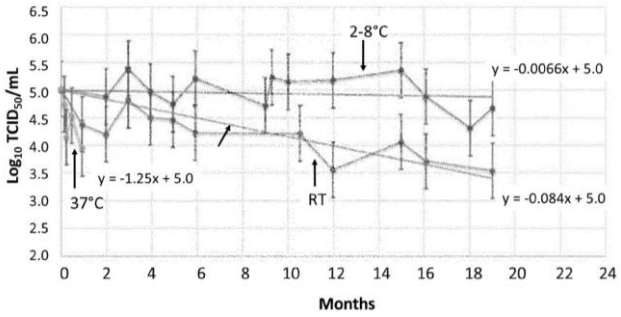
FIG. 3

21: 2022/02529. 22: 2022/03/01. 43: 2023/05/08
51: E21F; G08B
71: PIERRE CHRISTIAAN CRONJE
72: CRONJE, Pierre Christiaan
54: MINE ROOF INDICATOR
00: -
A mine roof indicator has an outer housing, an electronic module, an outer piston, an inner piston and a commissioning cover. The electronic module is configured to actuate lights on the mine roof indicator to indicate different states of the mine roof indicator. The pistons are triggered by movement of roof strata and cause visual indicating means to be exposed when they are triggered. The commissioning cover is movable relative to the outer housing between a pre commissioned position and a commissioned position. After successful commissioning of the mine roof indicator including movement of the commissioning cover into the commissioned position and prior to triggering of the inner piston and the outer piston, the lights are actuated so as to indicate a safe operative state. Subsequently upon triggering of a piston, the lights are actuated so to indicate a warning state.

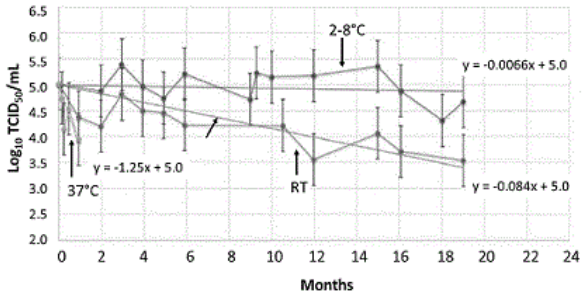


21: 2022/02573. 22: 2022/03/02. 43: 2023/05/30
51: A61K A61P
71: VALNEVA SE

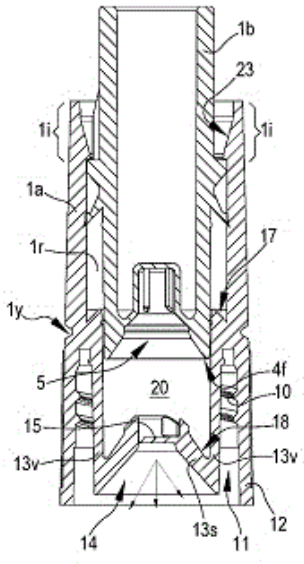
72: WRESSNIGG, Nina, HOCHREITER, Romana
33: EP 31: 19191030.6 32: 2019-08-09
33: EP 31: 20158557.7 32: 2020-02-20
54: SINGLE SHOT CHIKUNGUNYA VIRUS VACCINE
00: -
The present invention relates to a single-shot live attenuated vaccine against Chikungunya virus which is well-tolerated and induces long-lasting protective immunity in adult human subjects.



21: 2022/02574. 22: 2022/03/02. 43: 2023/05/30
51: A61K A61P
71: VALNEVA SE
72: REINISCH, Christoph, SCHLEGL, Robert, HEINDL-WRUSS, Jürgen
33: EP 31: 19190999.3 32: 2019-08-09
54: CHIKUNGUNYA VACCINE FORMULATIONS
00: -
The present invention is related to novel liquid and lyophilized formulations of Chikungunya virus useful as vaccines and methods for their preparation.



21: 2022/02627. 22: 2022/03/03. 43: 2023/05/03
51: A61B; B01L
71: COPAN ITALIA S.P.A.
72: MARTELLO, GIORGIO
33: IT 31: 102019000016112 32: 2019-09-11
54: RELEASING STOPPER, CONTAINER PROVIDED WITH STOPPER AND KITS AND RELEASING METHOD ASSOCIATED THERETO
00: -
Releasing stopper (1), suitable for and/or intended to be removably coupled with a container (30) and configured to contain and release a substance (S) in the container (30), the stopper (1) comprising: - a first body (1a) configured to be directly coupled with the container (30) and comprising a coupling element (10) suitable for allowing the removable fastening of the stopper (1) on the container (30); - a second body (1b), axially movable with respect to the first body (1a) along a predefined axis (X) of the stopper (1) and cooperating with the first body (1a) for defining at least one reservoir (20) constituting a reservoir for a substance (S), at least temporarily insulated from the outer environment, - a membrane (15) or collapsible septum, constituting at least a portion of the reservoir wall (20), openable and/or breakable for allowing the communication of the reservoir (20) with the outer environment, wherein the stopper comprises: - a first closed configuration, wherein the reservoir (20) is insulated from the outer environment, and - a second open configuration, wherein the reservoir (20) is in communication with the outer environment, and wherein the membrane (15) or collapsible septum is configured for being opened by a perforation or opening element (40, 41, 42) distinct from the stopper (1).



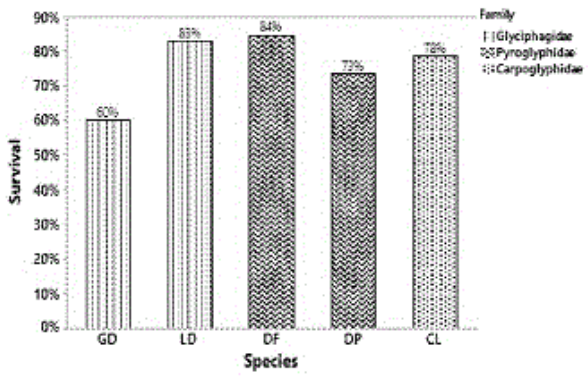
21: 2022/02805. 22: 2022/03/08. 43: 2023/05/04
51: A01G; A01K
71: BIO-BEE SDE ELIYAHU LTD.

72: TABIC, ARNON, KATZ, TOM, GROSMAN, AMIR, STEINBERG, SHIMON

54: NOVEL METHODS FOR REARING AND CONTROLLED RELEASE OF PREDATORY MITES

00: -

The present invention discloses predatory mite population comprising Phytoseiulus predatory individuals, wherein at least 10% of female individuals of the population is capable of reproduction on a non-tetranychid arthropod prey, preferably on an immobilized non- tetranychid arthropod prey, such as on a non-phy tophagou s prey, preferably on an Astigmatid prey, most preferably on an immobilized Astigmatid prey, such as an immobilized Astigmatid prey, in particular a Carpoglyhus prey, having immobilized life stages comprising immobilized eggs. Methods for rearing the same are further disclosed.



21: 2022/02930. 22: 2022/03/10. 43: 2023/05/11
51: C12Q
71: OXFORD BIODYNAMICS PLC
72: RAMADASS, Aroul Selvam, HUNTER, Ewan, AKOULITCHEV, Alexandre
33: US 31: 62/898,969 32: 2019-09-11

54: DIAGNOSTIC CHROMOSOME MARKER

00: -

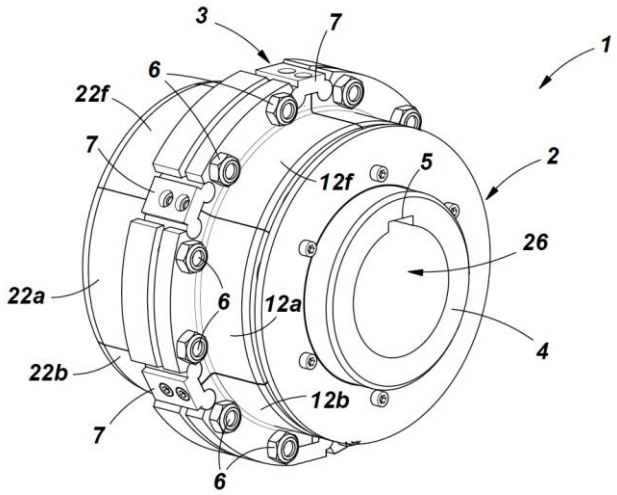
A process for analysing chromosome regions and interactions relating to prognosis of Autism Spectrum Disorder.

21: 2022/02939. 22: 2022/03/11. 43: 2023/07/04
51: F16D
71: ROBIN ELLIOT HOLLIDAY
72: ROBIN ELLIOT HOLLIDAY
33: ZA 31: 2021/01640 32: 2021-03-11

54: COUPLING

00: -

This invention relates to a coupling and more particularly, but not exclusively, to a coupling and/or to a coupling having flexible, elastomeric or resilient parts. The invention discloses a coupling comprising a first and a second coupling parts, the first coupling part having first connection means to connect it to a driving shaft and the second coupling part having second connection means to connect it to a driven shaft, the first coupling part having a first overload failure means that fails at a higher torque overload than a second overload failure means of the second coupling part.



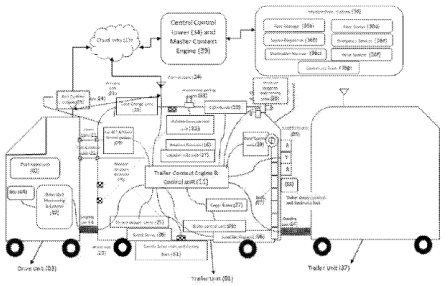
21: 2022/03036. 22: 2022/03/14. 43: 2023/05/08
51: B62D; G05B; G07C
71: COGOS TECHNOLOGIES PVT. LTD
72: SREERAM, Durga Venkata Prasad, KATTA, Rama Mohan
33: IN 31: 201941035832 32: 2019-09-16

54: A FREIGHT MOBILITY SYSTEM

00: -

The various embodiments of the present invention provide a secured and intelligent commercial vehicle freight mobility system and method for providing flexible, energy efficient, safe and secured mode of freight handling. The said vehicle freight mobility system mainly comprises a drive unit, a trailer unit, a central control tower with a master context engine, a cloud infrastructure, and plurality of stakeholders. The present invention relates to designing and developing of a new modular trailer with fully loaded mechatronics along with centralized data analytics to provide flexible, energy efficient, safe and secured

mode of freight handling. It comprises trailer context monitoring, load and trailer ambience monitoring and cellular based telematics to connect all the stakeholders on a single platform.



21: 2022/03104. 22: 2022/03/15. 43: 2023/06/22
51: F16J
71: S & B TECHNICAL PRODUCTS, INC.
72: PACHECO, Rodney, QUESADA, Guido, WEIH, Mark, A., ROJAS, Bernal
33: US 31: 62/899,253 32: 2019-09-12
33: US 31: 16/997,359 32: 2020-08-19

54: LIGHTWEIGHT SEALING GASKET FOR LOW PRESSURE AND NON-PRESSURE APPLICATIONS

00: -

A pipe sealing gasket is shown which is designed to be received within a raceway provided within the female, belied end of a section of plastic pipe which is assembled with a mating male pipe end to form a plastic pipe joint. The gasket is made up of a hard plastic band having an outer circumferential surface and an inner circumferential surface, and two separated elastomer portions, A first of the separated elastomer portions forms an outer ring which circumscribes the outer circumferential surface of the hard plastic band. The second of the separated elastomer portions forms an Inner lip which circumscribes the Inner circumferential surface of the hard plastic band. The two separate elastomer portions are connected during the gasket molding operation by a series of spaced ribs which form a continuous body of elastomer connecting the first and second separated elastomer portions at spaced intervals.

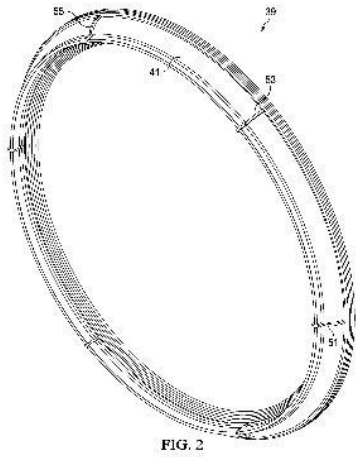


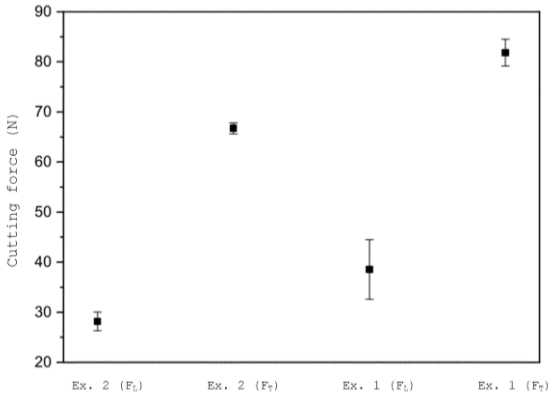
FIG. 2

21: 2022/03141. 22: 2022/03/16. 43: 2023/05/24
51: A23J
71: BÜHLER AG
72: WEINBERGER, Michael, STIRNEMANN, Erich, WINDHAB, Erich, MITRA, Bhaskar
33: EP 31: 19192660.9 32: 2019-08-20
33: EP 31: 19202278.8 32: 2019-10-09
33: EP 31: 20184014.7 32: 2020-07-03

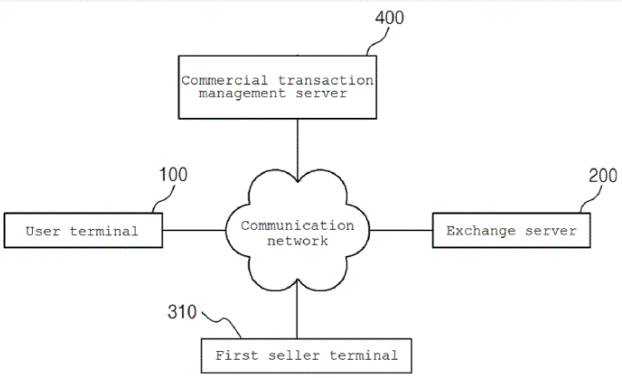
54: METHOD FOR THE PRODUCTION OF PROTEIN-CONTAINING FOODS

00: -

The present invention relates to a method for producing protein-containing foamed food products, comprising the steps: metering raw materials into an extruder, wherein at least one raw material is a protein, mixing the raw materials into the extruder to produce a mixture, extruding the mixture to produce an extrudate, and leading the extrudate out of the extruder through a cooling die with cooling of the extrudate to a temperature of less than 100 °C, wherein pores are formed in a controlled manner in the extruder, by providing a gas, by introducing the gas into the extruder or by forming the gas based on a reaction of a gas-forming compound added as a raw material with a gas-releasing compound added as a raw material.



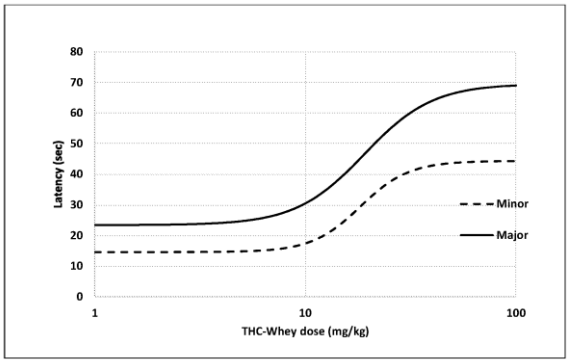
21: 2022/03143. 22: 2022/03/16. 43: 2023/05/23
51: G06Q
71: PHILLIPS MULTI CO., LTD
72: CHOI, Gi Jai
33: KR 31: 10-2019-0114103 32: 2019-09-17
54: ELECTRONIC FINANCIAL TRANSACTION SYSTEM EMPLOYING CRYPTOCURRENCY AND PAYMENT METHOD USING SAME
00: -
Disclosed are: an electronic financial transaction system employing a cryptocurrency, the system allowing an electronic financial transaction through a cryptocurrency at an automated teller machine or an on/offline store where the use of a cryptocurrency is not allowed; and a payment method using same. To this end, the present invention provides an electronic financial transaction system employing a cryptocurrency, the system comprising: a user terminal for requesting an electronic financial transaction by a cryptocurrency registered by a user; and an exchange server which, upon a request from the user terminal, analyzes an amount of the cryptocurrency corresponding to a target price of the electronic financial transaction according to a real-time market price of the cryptocurrency registered by the user, and makes a settlement of the electronic financial transaction by that said amount of the cryptocurrency. According to the present invention, a user can make an electronic financial transaction such as purchasing a product or a service by a holding cryptocurrency or exchanging the holding cryptocurrency for cyber money by applying a real-time market price without exchanging a cryptocurrency holding for investment for a fiat currency.



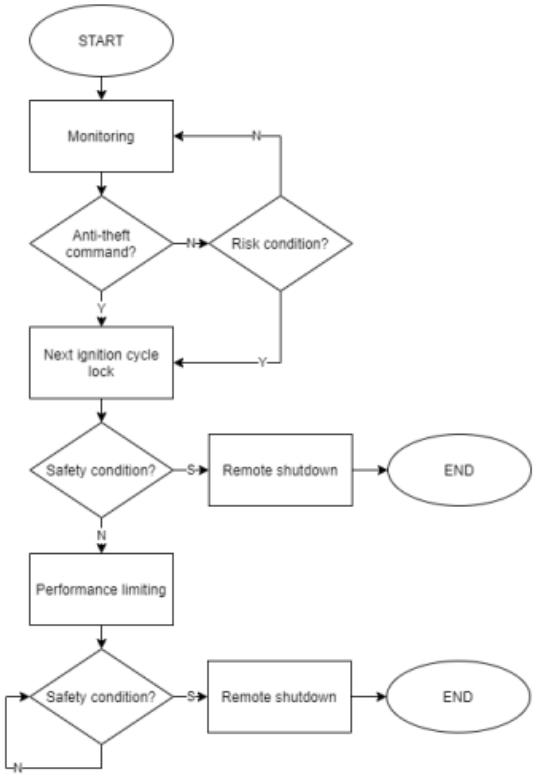
21: 2022/03349. 22: 2022/03/22. 43: 2023/05/24
51: A01N
71: ADAMA AUSTRALIA PTY LTD
72: HORSFIELD, Andrew, ADDISON, Bevan
33: AU 31: 2019903071 32: 2019-08-22
54: SYNERGISTIC HPPD MIXTURES
00: -
The invention concerns combinations of one or more HPPD inhibitors selected from a group comprising an isoxazole, a triketone, and a callistemone; a cereal crop safener selected from a group comprising mefenpyr-diethyl, cloquintocet and cloquintocet-mexyl; and one or more of the herbicides, selected from the groups comprising: i) a PSII inhibitor, including bromoxynil, ioxynil, and chlorotoluron, ii) a synthetic auxin, including halauxifen-methyl, fluroxypyr and MCPA, iii) a PPO inhibitor, including bifenox, iv) a PDS inhibitor, including flurochloridone, diflufenican and picolinafen. The invention also relates to a method for controlling unwanted vegetation applying such a combination to a cereal crop.

21: 2022/03350. 22: 2022/03/22. 43: 2023/05/11
51: A23C; A61K
71: IZUN PHARMACEUTICALS CORP.
72: LECHT, Shimon, GABAY, Olga, LAHIANI HAFZADI, Adi, LEVINE, William Z.
33: US 31: 62/893,201 32: 2019-08-29
54: PROTEIN BASED CANNABIS COMPOSITIONS
00: -
Described herein are novel compositions comprising a cannabis component selected from the group consisting of: a cannabinoid, a flavonoid and a terpenoid; and a protein, selected from the group consisting of whey and a plant protein. According to an embodiment, the cannabis component is non-

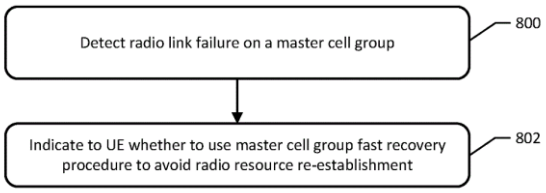
covalently bound to the whey or to the plant protein. The plant protein may be selected from the group consisting of: soy protein, pea protein, rice protein, hemp protein, and hops protein or other plant derived protein.



21: 2022/03373. 22: 2022/03/22. 43: 2023/06/07
51: B60R; G06F; H04L
71: MIURA, Andre Figueiredo
72: MIURA, Andre Figueiredo
54: ROAD VEHICLES ANTI-THEFT SECURITY DEVICE BASED ON AUTOMOTIVE EMBEDDED SYSTEMS SOFTWARE
00: -
Road vehicles anti-theft security device based on automotive embedded systems software presents itself as an anti-theft device for the automotive field, acting as a tool to aid in the recovery and protection of the asset. In technical terms, it is an electronic device connected to an embedded automotive network, which can take actions autonomously or receive remote commands to avoid the next ignition cycles and/or adding limitations regarding the performance and nominal working load of the protected vehicles. The modular hardware allows it to be coupled with different expansion boards that allows the adoption of several wireless data transmission technologies such as GPRS, GSM, LTE, WiFi, Bluetooth, LoRa, ZigBee, SigFox and satellite communication. Due to its technical features, the effect of anti-theft activation via software remains active even when the transgressor removes the device completely from the vehicle. The Over-The-Air (OTA) update feature makes it possible to load new security strategies in the hardware, consequently increasing the difficulty of carrying out vehicle's theft. These features differs it from the alternatives found in the state of the art, the current solutions performs the anti-theft task with the aid of electromechanical device, normally the well-known relays. In addition, the proposed device supports performance limitation and remote shutdown of the protected vehicle, features that accredit it to the post of invention.



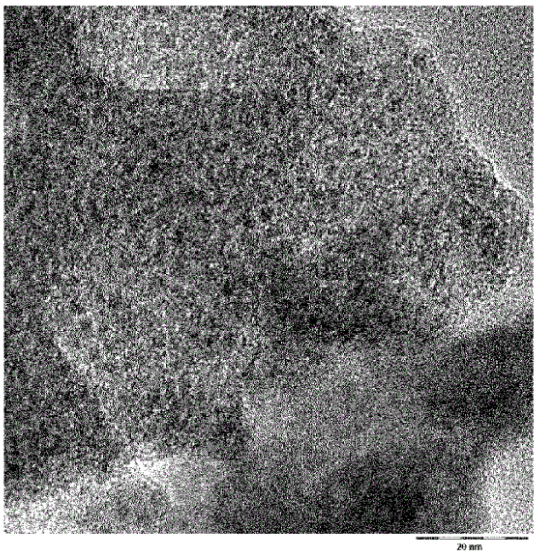
21: 2022/03403. 22: 2022/03/23. 43: 2023/05/23
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: ORSINO, Antonino, TEYEB, Oumer, WAGER, Stefan
33: US 31: 62/893,136 32: 2019-08-28
54: METHODS, DEVICES, COMPUTER PROGRAMS AND COMPUTER PROGRAM PRODUCTS FOR INDICATING USE OF MASTER CELL GROUP FAST RECOVERY PROCEDURE
00: -
Methods performed by a network node in a radio communication network are provided herein. Operations according to such methods include detecting a radio link failure on a master cell group and indicating to a user equipment whether to use a master cell group fast recovery procedure to avoid a radio resource control re-establishment.

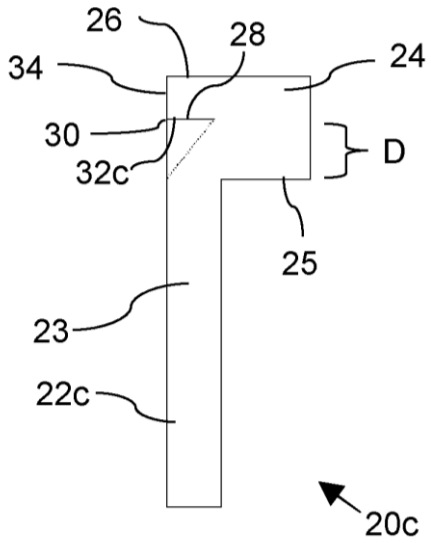


21: 2022/03660. 22: 2022/03/30. 43: 2023/05/23
51: B01J C07C C10G
71: EVONIK OPERATIONS GMBH
72: REINSDORF, Arne, WOLF, Dorit, KADYROV, Renat, CHAMSKI, Sarah
33: EP 31: 19195501.2 32: 2019-09-05
54: MATERIALS COMPRISING CARBON-EMBEDDED IRON NANOPARTICLES, PROCESSES FOR THEIR MANUFACTURE, AND USE AS HETEROGENEOUS CATALYSTS
00: -
201900257 Ausland 18 Abstract The present invention relates to catalytically active material, comprising grains of non-graphitizing carbon with iron nanoparticles dispersed therein, wherein dp, the average diameter of iron nanoparticles in the non-graphitizing carbon grains, is in the range of 1 nm to 20 nm, D, the average distance between iron nanoparticles in the non-graphitizing carbon grains, is in the range 5 of 2 nm to 150 nm, and ω, the combined total mass fraction of metal in the non-graphitizing carbon grains, is in the range of 30 wt% to 70 wt% of the total mass of the non-graphitizing carbon grains, and wherein dp, D and ω conform to the following relation: $4.5\ dp / \omega > D \geq 0.25\ dp / \omega$. The present invention, further, relates to a process for the manufacture of material according to the invention, as well as its use as a catalyst. 10

21: 2022/03663. 22: 2022/03/30. 43: 2023/05/23
51: B01J C07C C10G
71: EVONIK OPERATIONS GMBH
72: REINSDORF, Arne, WOLF, Dorit, KADYROV, Renat, CHAMSKI, Sarah
33: EP 31: 19195503.8 32: 2019-09-05
54: MATERIALS COMPRISING CARBON-EMBEDDED NICKEL NANOPARTICLES, PROCESSES FOR THEIR MANUFACTURE, AND USE AS HETEROGENEOUS CATALYSTS
00: -
The present invention relates to catalytically active material, comprising grains of non-graphitizing carbon with nickel nanoparticles dispersed therein, wherein dp, the average diameter of nickel nanoparticles in the non-graphitizing carbon grains, is in the range of 1 nm to 20 nm, D, the average distance between nickel nanoparticles in the non-graphitizing carbon grains, is in the range of 2 nm to 150 nm, and ω, the combined total mass fraction of metal in the non-graphitizing carbon grains, is in the range of 30 wt% to 70 wt% of the total mass of the non-graphitizing carbon grains, and wherein dp, D and ω conform to the following relation: $4.5\ dp / \omega > D \geq 0.25\ dp / \omega$. The present invention, further, relates to a process for the manufacture of material according to the invention, as well as its use as a catalyst.

21: 2022/03664. 22: 2022/03/30. 43: 2023/05/23
51: B01J C07C C10G
71: EVONIK OPERATIONS GMBH
72: REINSDORF, Arne, WOLF, Dorit, KADYROV, Renat, CHAMSKI, Sarah
33: EP 31: 19195500.4 32: 2019-09-05
54: MATERIALS COMPRISING CARBON-EMBEDDED COBALT NANOPARTICLES, PROCESSES FOR THEIR MANUFACTURE, AND USE AS HETEROGENEOUS CATALYSTS
00: -
The present invention relates to catalytically active material, comprising grains of non-graphitizing carbon with cobalt nanoparticles dispersed therein, wherein d_P, the average diameter of cobalt nanoparticles in the non-graphitizing carbon grains, is in the range of 1 nm to 20 nm, D, the average distance between cobalt nanoparticles in the non-graphitizing carbon grains, is in the range of 2 nm to 150 nm, and ω, the combined total mass fraction of metal in the non-graphitizing carbon grains, is in the range of 30 wt% to 70 wt% of the total mass of the non-graphitizing carbon grains, and wherein d_P, D and ω conform to the following relation: $4.5\ d_P / \omega > D \geq 0.25\ d_P / \omega$. The present invention, further, relates to a process for the manufacture of material according to the invention, as well as its use as a catalyst.



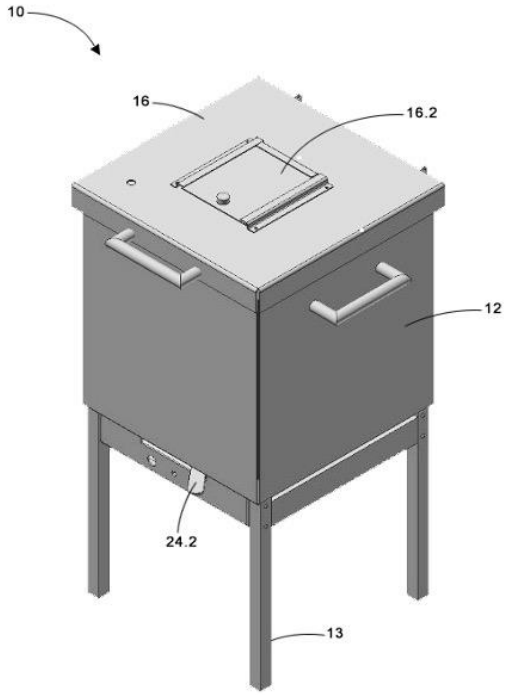


21: 2022/03833. 22: 2022/04/04. 43: 2023/05/11
51: E04F
71: ASH & LACY HOLDINGS LIMITED
72: TIAN, Yisheng, EVANS, Jonathan
33: GB 31: 1912747.1 32: 2019-09-05
54: FAÇADE STRUCTURE
00: -
A slip brick arrangement for use in a façade cladding system comprises a slip brick and a spacer element (20c). The slip brick comprises at least one rail-engaging groove to engage with a brick-retaining rail to be provided. The spacer element (20c) comprises a main spacer body (22c) to be positioned inside the rail-engaging groove. The main spacer body (22c) comprises a protrusion (32c) to hinder sliding of the spacer element (20c) towards the brick-retaining rail. A variant of the spacer element (20c) is made from an unitary sheet providing a main spacer body (22c) and an arm (24) extending from the main spacer body (22c) to engage in the rail-engaging groove, wherein the main spacer body (22c) comprises a lanced portion (28) providing the protrusion (32c). The spacer element (20c) helps to retain a slip brick in an intended position.

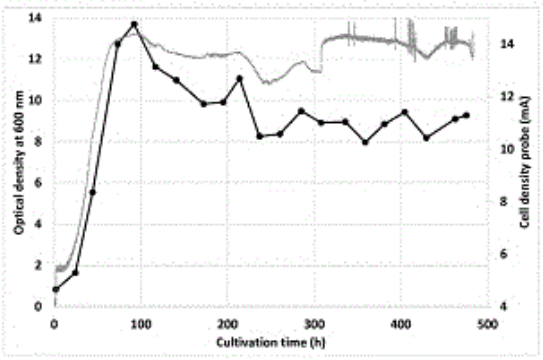
21: 2022/03880. 22: 2022/04/05. 43: 2023/05/11
51: D21H
71: MONDI AG
72: BERGLUND, Lars Göran, SCHWAIGER, Elisabeth, VAN WIERINGEN, Rene, ARPA, Leo
33: EP 31: 19198690.0 32: 2019-09-20
54: KRAFT PAPER AND PAPER SACK MANUFACTURED THEREFROM
00: -
The invention relates to a kraft paper having a grammage according to ISO 536 of between 60 g/m2 and 120 g/m2, in particular between 70 g/m2 and 110 g/m2, a density of between 680 kg/m3 and 720 kg/m3, and a tensile strength index in the machine direction according to ISO 1924-3 of between 79 kNm/kg and 98 kNm/kg, said kraft paper optionally having a coating and/or an auxiliary element on at least one side. According to the invention: the kraft paper is made of a pulp having an average pulp fibre length of 2.2 mm to 2.7 mm with a minimum pulp content in the kraft paper of at least 96% wt.%, preferably at least 97 wt.%; a pore volume of the uncoated kraft paper measured by mercury porosimetry according to ISO 15901-1 is between 200 µl/g and 220 ml/g; in the thickness direction of the paper, there are regions of different porosities measured by mercury porosimetry according to ISO 15901-1; and at least one region has pores with a pore diameter of less than or equal to 0.3 µm. The invention also relates to a paper sack.

21: 2022/03882. 22: 2022/04/05. 43: 2022/08/25
51: B01D
71: Huangshan University
72: Liangqing Li, Jiajia Li, Liangsong Li
33: CN 31: 202110144622.1 32: 2021-02-02
54: METHOD FOR SYNTHESIZING MOLECULAR SIEVE MEMBRANE WITH HIGH WATER-PERMEABILITY
00: -
Disclosed is a method for synthesizing a molecular sieve membrane with high water-permeability, which includes the following steps: dispersing zeolite molecular sieve seeds in deionized water to obtain a seed crystal solution; introducing a seed crystal layer on the surface of a porous carrier using the seed crystal solution, dissolving NaOH, Al source, Si source and NaF in deionized water to prepare a synthetic solution, and immersing the porous carrier loaded with seed crystals in the obtained synthetic solution for 1 to 200 seconds, and then crystallizing directly. The molecular sieve membrane synthesized by the present disclosure can be used for pervaporation and vapour permeation, has higher separation performance and shortened synthesis time, with greatly reduced use of medicines, compared with the zeolite membrane synthesized by conventional traditional heating.

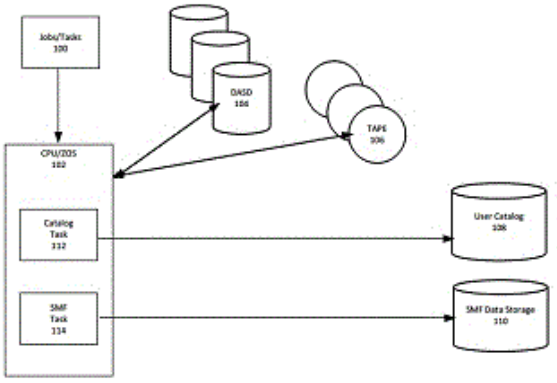
21: 2022/03906. 22: 2022/04/06. 43: 2023/05/26
51: A47J
71: CHADWICK, Richard Douglas
72: CHADWICK, Richard Douglas
54: COOKING
00: -
The invention is for a cooker, which includes a container for housing a combustible material therein, a gas burner in thermal communication with the container and a cooking zone arrangement within the container, positioned proximate the combustible material. The container comprises of an outer shell having an open top and an inner cooking container having an open top, the inner cooking container being shaped and dimensioned to fit inside the outer shell with a void between the walls of the outer shell and the walls of the inner cooking container, which void is filled with thermal insulation. Furthermore, an access opening protruding at a bottom of the cooker through the outer shell and the inner cooking container and a thermally insulated lid shaped and dimensioned to close the outer shell, which lid includes a ventilation opening at the top, in the form of an adjustable closure.



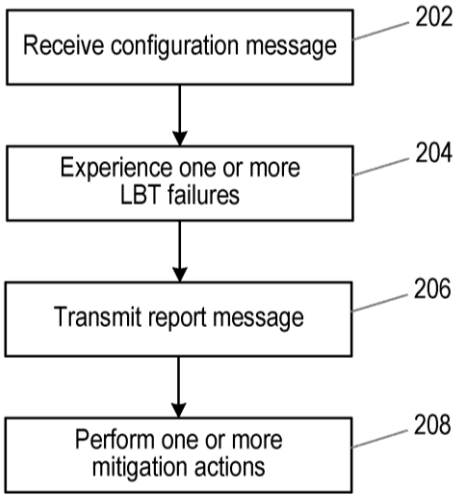
21: 2022/03922. 22: 2022/04/06. 43: 2023/05/08
51: C12N; A23K; A23L; C07K; C12R
71: SOLAR FOODS OY
72: HOLMSTRÖM, SAMI, PITKÄNEN, JUHA-PEKKA
33: EP 31: 19205786.7 32: 2019-10-29
54: STRAINS AND PROCESSES FOR SINGLE CELL PROTEIN OR BIOMASS PRODUCTION
00: -
The invention relates to a bacterial strain of the genus Xanthobacter and continuous culture processes for the production of protein or biomass using bacteria of the genus Xanthobacter, said process comprising supply of gases and minerals to the cells. The invention also relates to the products of these processes and use of these products in e.g. food or feed.



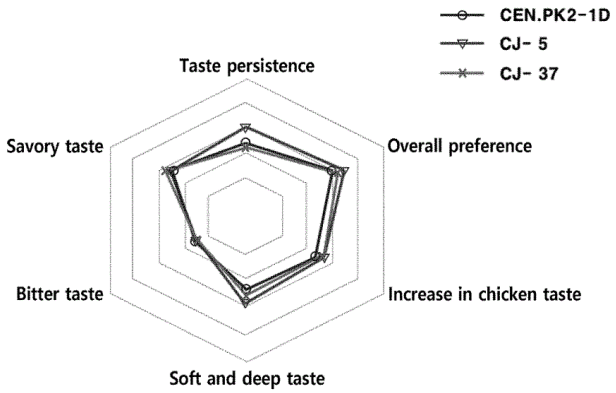
21: 2022/04177. 22: 2022/04/13. 43: 2023/05/09
51: G06F
71: TERACLOUD APS
72: ECKERT, PAUL J
33: US 31: 63/175,798 32: 2021-04-16
54: SYSTEM AND METHOD FOR EXTRACTING AND CATALOGING SPECIFIED FILE ACTIVITY DATA
00: -
A system for use in restoring data processing capabilities in the event of an interruption. The system includes a user catalog program that when executed by a processor configures the system to store indexes of data utilized by the system, a system management facility (SMF) program that when executed by the processor configures the system to create SMF audit records that track the catalog activity as SMF data, and a virtual catalog program that when executed by the processor configures the system to intercept portions of the SMF data over a timeline. The portions correspond to the creation, deletion and modification of the data files, and catalog the intercepted portions of SMF data over the timeline.



21: 2022/04430. 22: 2022/04/20. 43: 2023/05/09
51: H04W
71: TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
72: WANG, Min, KARLSSON, Robert
33: US 31: 62/909,872 32: 2019-10-03
54: REPORTING LISTEN-BEFORE-TALK FAILURES IN A WIRELESS NETWORK
00: -
In one aspect, a method performed by a wireless device is provided. The method comprises transmitting, to a network node, a report message comprising an indication of one or more Listen-Before-Talk (LBT) failures experienced by the wireless device. In another aspect, a method performed by a base station is provided. The method comprises receiving, from a wireless device, a report message comprising an indication of one or more LBT failures experienced by the wireless device.

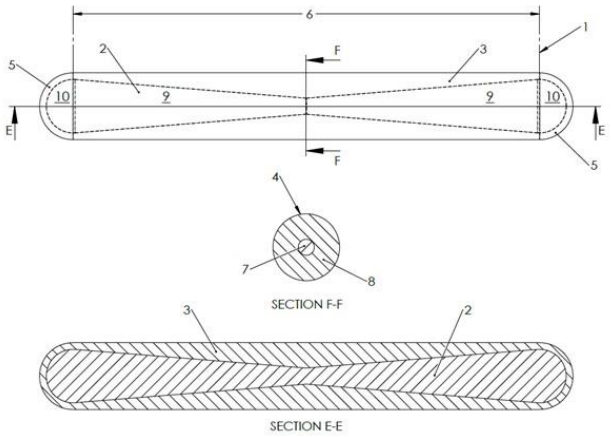


21: 2022/04733. 22: 2022/04/28. 43: 2023/05/24
51: C12N C12P A23K A23L A61K C12R
71: CJ CHEILJEDANG CORPORATION
72: HA, Cheol, Woong, YANG, Eun Bin, KIM, Hyo Jin, KIM, Hyung Joon, IM, Yeong Eun
33: KR 31: 10-2019-0135659 32: 2019-10-29
54: YEAST STRAIN PRODUCING GLUTATHIONE AND METHOD OF PRODUCING GLUTATHIONE USING THE SAME
00: -
The present application relates to a novel yeast strain that produces glutathione, and a glutathione production method using same.



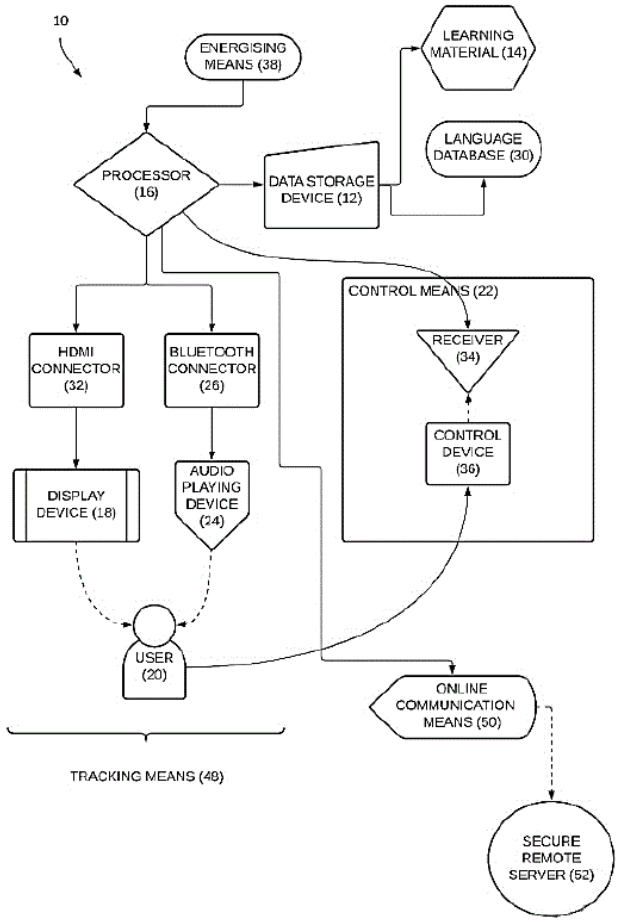
21: 2022/04828. 22: 2022/04/29. 43: 2023/05/10
51: A61B
71: DR. JOHANNES HENDRIK DAVIS
72: DR. JOHANNES HENDRIK DAVIS
33: ZA 31: 2019/06423 32: 2019-09-30
54: SKELETAL SUPPORT MEMBER
00: -

This invention relates to a skeletal support member (1) and more specifically, but not exclusively, to a skeletal support member (1) for use in spinal or intramedullary surgery. In accordance with the invention there is provided a skeletal support member (1) comprising an elongate body with integrally formed inner (2) and outer (3) portions, at least one mechanical attribute of the inner portion (2) differing from a corresponding mechanical attribute of the outer portion (3), and the inner portion (2) being shaped and sized such that a corresponding mechanical attribute of the body varies longitudinally. It is envisaged that the invention will provide a skeletal support member (1) which has varying mechanical properties along the length thereof in at least one direction which may be specifically tailored to allow specific movement and apply corrective forces and moments which are bespoke to a patient.



21: 2022/04877. 22: 2022/05/04. 43: 2023/05/30
51: G09B
71: GAMMA EDUCATION TECHNOLOGIES (PTY) LTD
72: SURTY, Muhammed, MOOSA, Muhammad, Yaseen, OLIVIER, Werner, Anton
33: ZA 31: 2021/01672 32: 2021-03-12
54: AN EDUCATION DEVICE
00: -

The education device (10) includes a data storage device (12) having learning material (14) stored thereon, a processor (16) arranged in communication with the data storage device (12) and being connectable to a display device (18) for allowing the learning material (14) to be displayed to a user (20) on the display device (18) and control means (22) arranged in communication with the processor (16) for allowing a user (20) to control the learning material (14) being displayed on the display device (18), and a language switching means (28) for switching the language in which the learning material (14) is provided to the user (20).



21: 2022/04883. 22: 2022/05/04. 43: 2023/05/23
51: A61K
71: ADJUVANCE TECHNOLOGIES, INC.
72: MARTIN, J, Tyler, WENGER, Jared, William, FARRIS, Eric, Jon, FRENCHICK, Patrick, J., LAMPE, Anna Therese
33: US 31: 62/930, 727 32: 2019-11-05
54: VARICELLA ZOSTER
00: -
The present application relates to compositions capable of inducing an immune response against Varicella zoster virus, methods of administering such compositions, and methods of producing such compositions.

MGTVNKPVVG	VLMGFGIITG	TLRITNPVRA	SVLRYDDFHI	DEDKLDTNSV	YEPYYHSDHA	60
ESSWVNRGES	SRKAYDHNSP	YIWPRNDYDG	FLENAHEHHG	VYNQGRGIDS	GERLMQPTQM	120
SAQEDLGDDT	GIHVIPTLNG	DDRHKIVNVD	QRQYGDVFKG	DLNPKPQGQR	LIEVSVEENH	180
PFTLRAPIQR	IYGVRYTETW	SFLPSLTCTG	DAAPAIQHIC	LKHTTCFQDV	VVDVDCAENT	240
KEDQLAEISY	RFQGKKEADQ	PWIVVNTSTL	FDELELDPPE	IEPGVLKVLR	TEKQYLGVYI	300
WNMRGSDGTS	TYATFLVTWK	GDEKTRNPTP	AVTPQPRGAE	FHMWNYHSHV	FSVGDTFSLA	360
MHLQYKIHEA	PFDLLLEWLY	VPIDPTCQPM	RLYSTCLYHP	NAPQCLSHMN	SGCTFTSPHL	420
AQRVASTVYQ	NCEHADNYTA	YCLGISHMEP	SFGLILHDGG	TTLKFVDTPE	SLSGLYVFVV	480
YFNGHVEAVA	YTVVSTVDHF	VNAIEERGFP	PTAGQPPATT	KPKEITPVNP	GTSPLIRYAA	540
WTGGLA						546

21: 2022/04884. 22: 2022/05/04. 43: 2023/05/10
51: F41G
71: SHELTERED WINGS, INC. d/b/a VORTEX OPTICS
72: CLERMONT, Todd, FARRELL, Ben, HAMILTON, David, M., CAMPBELL, Richard, ROSEN, Michael
33: US 31: 62/912,995 32: 2019-10-09
54: LASER RANGEFINDER WITH MULTIPLE BALLISTIC CALCULATORS
00: -
The disclosure relates to a device for providing a ballistic solution. In one embodiment, the disclosure relates to a device for storing one or more ballistic calculators for providing a ballistic solution. In one embodiment, the device communicates with one or more laser rangefinders. In still another embodiment, the device communicates with one or more viewing optics. In one embodiment, the device communicates with one a weather tracking device or a navigation device or a personal wearable device or a smart device or a ballistic solver. In one embodiment, the device communicates through a platform independent of internet and cellular connectivity.

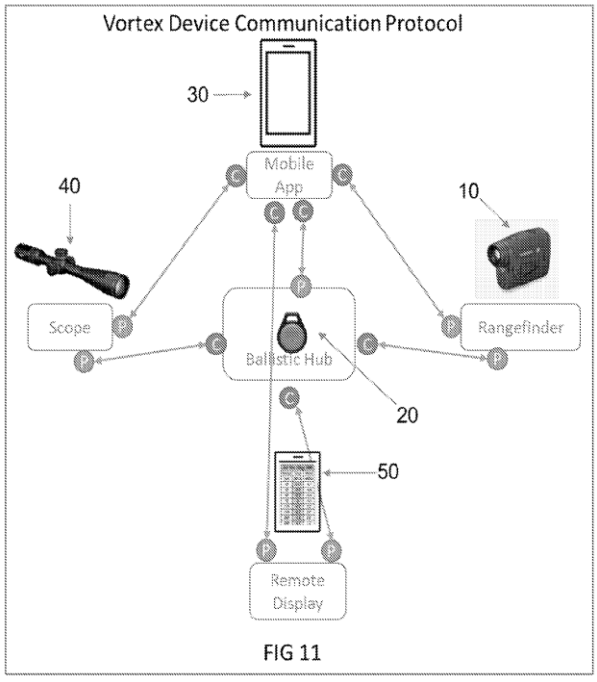


FIG 11

21: 2022/04888. 22: 2022/05/04. 43: 2023/05/15
51: F01K
71: ENOLCON GMBH
72: SCHNEIDER, Günter, MAIER, Hartmut
33: DE 31: 10 2019 127 431.1 32: 2019-10-11

54: THERMAL ENERGY STORAGE SYSTEM COMPRISING A PACKED-BED HEAT STORAGE UNIT AND A PACKED-BED COLD STORAGE UNIT, AND METHOD FOR OPERATING A THERMAL ENERGY STORAGE SYSTEM

00: -

The invention relates to a system and a method for storing electrical energy which are based on a closed thermodynamic cycle. They make it possible to store electrical energy in a very efficient, cost-effective, and safe manner. No environmentally hazardous or expensive materials are required. The system comprises a compressor, a turbine, and two packed-bed storage units which are operated at different temperature levels. In order to load the packed-bed storage units, the cycle is operated as a counterclockwise heat pump process. In this process, the heat generated at the outlet of the compressor is released at a high temperature level into a first packed-bed storage unit and stored therein. The "cold" produced during the subsequent expansion of the gaseous working medium in a turbine is stored in a second packed-bed storage unit. This requires mechanical energy which is provided by an electrical machine. In order to discharge the energy storage system, the cycle is operated in reverse (i.e. as a clockwise cycle). Before entering the compressor, the working medium is cooled with the cold stored in the second packed-bed storage unit and, after compression, absorbs the heat from the high-temperature packed-bed storage system. The hot working medium at high pressure is expanded by means of the turbine and thus energy is generated.

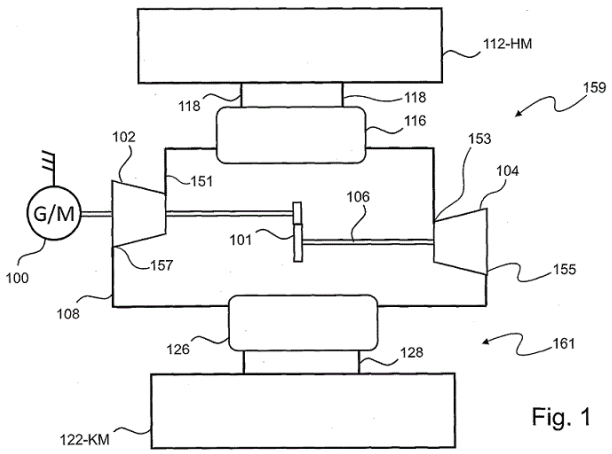


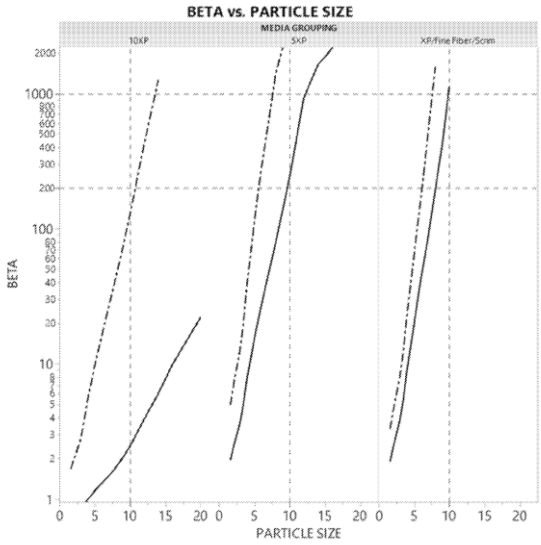
Fig. 1

21: 2022/04889. 22: 2022/05/04. 43: 2023/05/23
51: B01D
71: DONALDSON COMPANY, INC.
72: JONES, Derek, O., WILLIS, Klenton, T., IGNACIO-DE LEON, Patricia, A., WEIK, Thomas, M., SAVSTROM, Jacob, C.
33: US 31: 62/912,456 32: 2019-10-08
33: US 31: 62/947,998 32: 2019-12-13
33: US 31: 62/952,979 32: 2019-12-23
33: US 31: 62/992,003 32: 2020-03-19
33: US 31: 63/004,602 32: 2020-04-03

54: FILTER MEDIUM COMPRISING A FINE FIBER LAYER

00: -

This disclosure describes a filter medium that minimizes the adverse effects of variations in flow rate on filter medium efficiency without a corresponding increase in pressure drop. The filter medium includes a support layer, a continuous fine fiber layer, and an efficiency layer. The continuous fine fiber layer includes a continuous fine fiber that has a diameter of up to 10 micrometers and is located downstream of the efficiency layer.



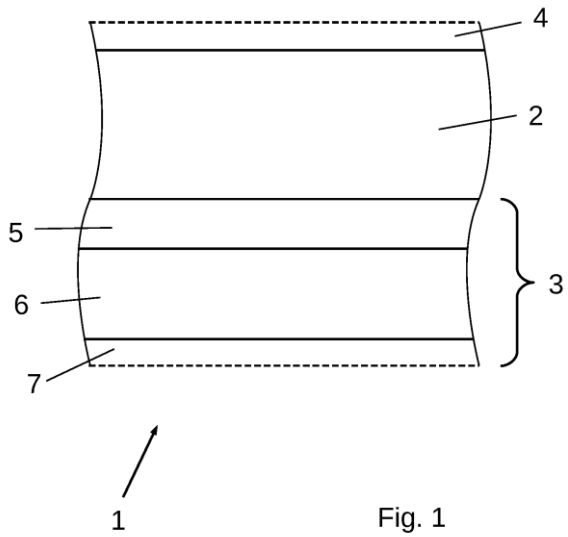


Fig. 1

21: 2022/05209. 22: 2022/05/11. 43: 2023/05/19
51: B32B B65D C08K C08L
71: CONSTANTIA TEICH GMBH
72: WEGENBERGER, Alfred, STEINER, Matthias, FEICHTINGER, Roland, RELOTA, Patrick
33: EP 31: 19203777.8 32: 2019-10-17

54: COMPOSITE FILM

00: -

The invention relates to a composite film (1) for producing cover sheets, comprising an aluminum ply (2) and an extrusion layer (3), which is extruded onto the aluminum ply (2) in multiple plies by coextrusion. The extrusion layer (3) has a sealing layer (6) and an adhesion promoter layer (5), which is arranged between the sealing layer (6) and the aluminum ply (2). The sealing layer (6) comprises a polymer matrix, which has at least a first polymer constituent and a second polymer constituent. A peel-force additive, in particular a mineral filler, such as talcum, is added to the polymer matrix. The first polymer constituent is selected from a polyolefin, and the second polymer constituent is selected from polyolefin plastomers and/or polyolefin elastomers each having a density of less than 900 kg/m³, and from combinations of such materials.

21: 2022/05210. 22: 2022/05/11. 43: 2023/05/23
51: E04H B21H B21D
71: WINKELMANN POWERTRAIN COMPONENTS GMBH & CO. KG
72: RUDERT, Bernd, HECKER, Karl-Heinz, POTTGÜTER, Ralf
33: DE 31: 10 2019 128 030.3 32: 2019-10-17

54: METHOD FOR PRODUCING A SCREW FOUNDATION FOR SECURING ELEMENTS IN THE GROUND

00: -

The invention relates to a method for producing a screw foundation (12) for securing elements in the ground, in which a cylindrical tube (1) is provided as an initial form and a conical front portion (10) tapering to an insertion tip (9) is then moulded on to the cylindrical tube (1) by means of a non-cutting process, the front portion (10) being provided at least in some regions with a thread-like contour (11) for screwing into the ground. According to the invention, an inner contour (2) for a screwing tool is formed integrally in a rear end (1a) of the tube (1) by flow forming, and the front portion (10) and the thread-like contour (11) are formed exclusively by flow forming.

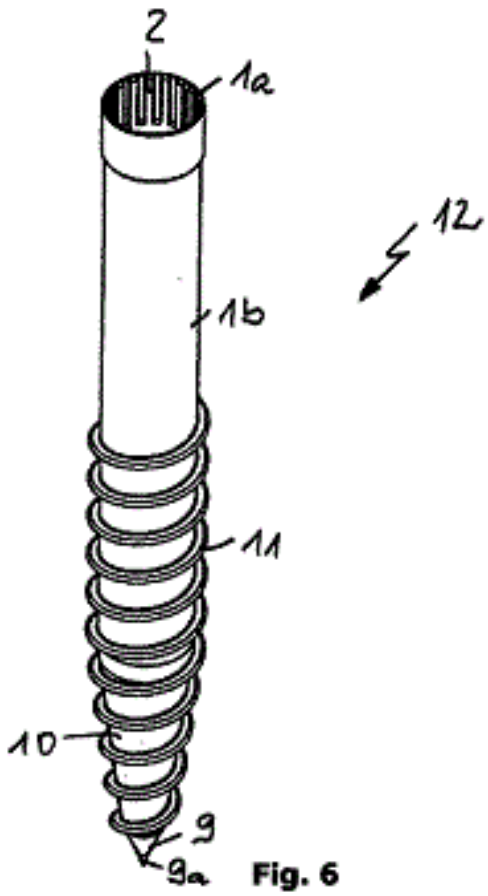
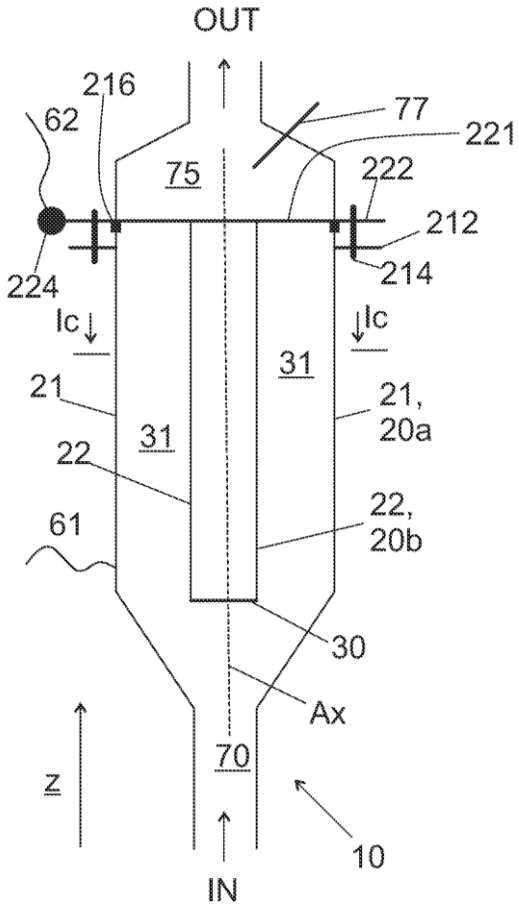


Fig. 6

21: 2022/05211. 22: 2022/05/11. 43: 2023/05/23
51: C02F
71: ELWATER LTD OY
72: KAIPIAINEN, Markku, KLEMOLA, Martti
33: FI 31: 20190073 32: 2019-10-14
54: APPARATUS FOR PURIFYING WATER
00: -
An apparatus (10) for purifying water. The apparatus (10) includes a first cathode (21) encircling a first anode (22), with a first gap remaining between these for purifying water. The first anode is included in an anode arrangement (20b), which additionally includes an electrically conductive flange (222), an electrically conducting anode support (221) connected to the first anode (22) and the flange (222) and arranged to supply electricity to the first anode (22), and a connection point (224) for connecting an electric wire (62) to the flange (222). The flange (222) is mechanically supported to the first cathode (21) in said longitudinal direction (z). The flange (222) extends in such a way that said connection point (224) is at least as far from the longitudinal centre axis (AX) of the cathode arrangement (20a) as a point of the first cathode (21) that is closest to said connection point (224).



21: 2022/05280. 22: 2022/05/12. 43: 2023/05/19
51: B01D; F02M; F16L; F17D
71: CATERPILLAR INC.
72: RIES, JEFFREY R, IMMEL, JON T, RODRIGUEZ, JAVIER A
33: US 31: 16/682,650 32: 2019-11-13
54: FILTER DAMPENING DEVICE FOR PRESSURE PULSATION
00: -
A filter element (200') includes an annular filter media (202) defining a central passage (219), a center tube (206) that is disposed in the central passage (219) of the annular filter media (202) that defines a central reservoir (204), a top open end (220) joined to the center tube (206), the top open end (220) including an opening (210) allowing fluid to flow from the central reservoir (204) to the outside of the filter element (200'), a bottom open end (222)

joined to the center tube (206) opposite the top open end (220), and a filter pulsation dampening device (224') including a flexible valve (244) that defines a valve free end (246) that is disposed in the central reservoir (204).

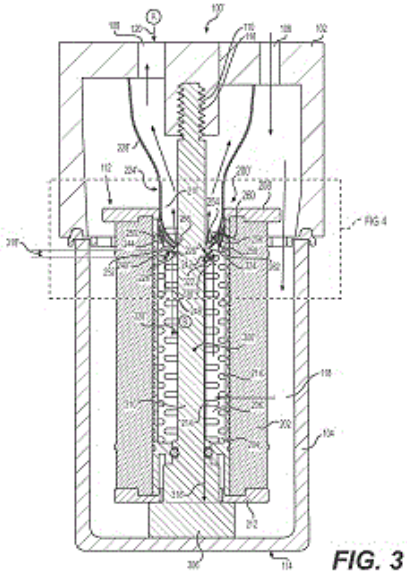
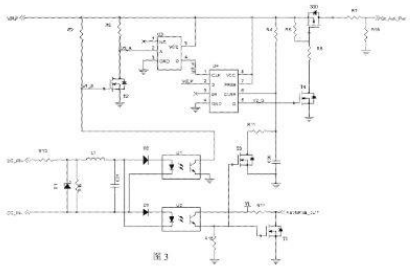


FIG. 3

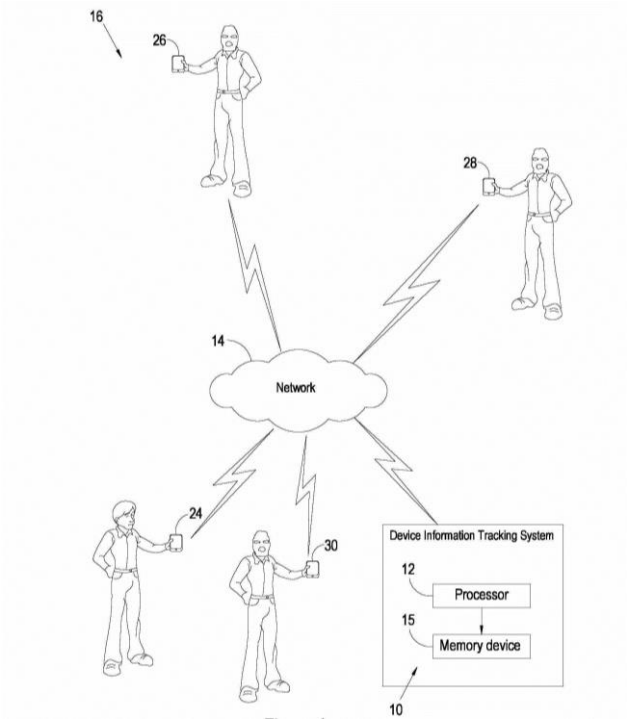
21: 2022/06128. 22: 2022/06/01. 43: 2023/03/24
51: H02H
71: PYLON TECHNOLOGIES, CO., LTD
72: WANG, Hongxing, SHI, Lu, LI, Fanjun, YAO, Bin
33: CN 31: 201911365101.8 32: 2019-12-26
33: CN 31: 201922379646.6 32: 2019-12-26
54: POWER-ON/OFF CIRCUIT FOR BATTERY MANAGEMENT SYSTEM
00: -
A power-on/off circuit for a battery management system, comprising a drive signal input end (VLSP), a power-on drive signal output end (On_Aux_Pwr), a power supply end (DC_IN+, DC_IN-), a power supply signal extraction circuit (100), a trigger circuit (200) and a switch (300). The drive signal input end (VLSP) is connected to the power-on drive signal output end (On_Aux_Pwr) by means of the switch (300); the power supply signal extraction circuit (100) is connected to the power supply end (DC_IN+, DC_IN-) and is used for outputting a control signal on the basis of a power supply signal connected to the power supply end (DC_IN+, DC_IN-); and the trigger circuit (200) is electrically connected to the power signal extraction circuit (100), and the trigger circuit (200) is used for controlling the switch (300) to be turned on or off according to the transition of the control signal. The power-on/off circuit receives, by means of the trigger circuit (200), a power-on or power-off signal output by the power supply signal extraction circuit (100), thereby implementing unified management of power-on/off signals. The power-on/off circuit is easy to expand, and has strong reusability.



21: 2022/06663. 22: 2022/06/15. 43: 2023/06/12
51: A01N; A61K; A01P
71: Atlantic Technological University
72: BRENNAN, James Joseph, PATTON, Thomas Patrick, BARRETT, John Reginald
33: GB 31: 1918021.5 32: 2019-12-09
54: ANTIMICROBIAL COMPOSITION
00: -
A composition comprising a hydrogen peroxide source and at least one metal halide. The hydrogen peroxide source includes hydrogen peroxide and a means for generating hydrogen peroxide. The means for producing hydrogen peroxide includes at least one oxidoreductase and at least one oxidoreductase substrate. The oxidoreductase substrate comprises at least one sugar, said sugar located within the composition. The composition is held under conditions that render the components inactive until rehydrated.

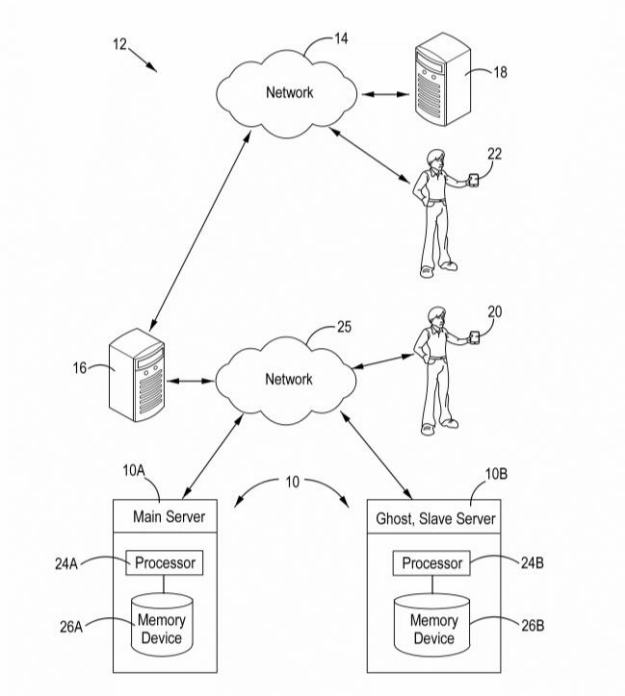
21: 2022/06926. 22: 2022/06/22. 43: 2023/02/01
51: G06F; H04L
71: Connect Global App Designers
72: CHANG, Hsiu Chieh
33: ZA 31: 2021/04273 32: 2021-06-22
54: DEVICE INFORMATION TRACKING SYSTEM AND METHOD
00: -
The present disclosure is for a computer-implemented method for tracking a target device associated with a target person, the method includes

automatically pairing, by means of at least one processor, a target device with a receiver device using a wireless communication protocol; and collecting, by means of the at least one processor, at least one of identification data and situational data of the target device that is paired with the receiver device.



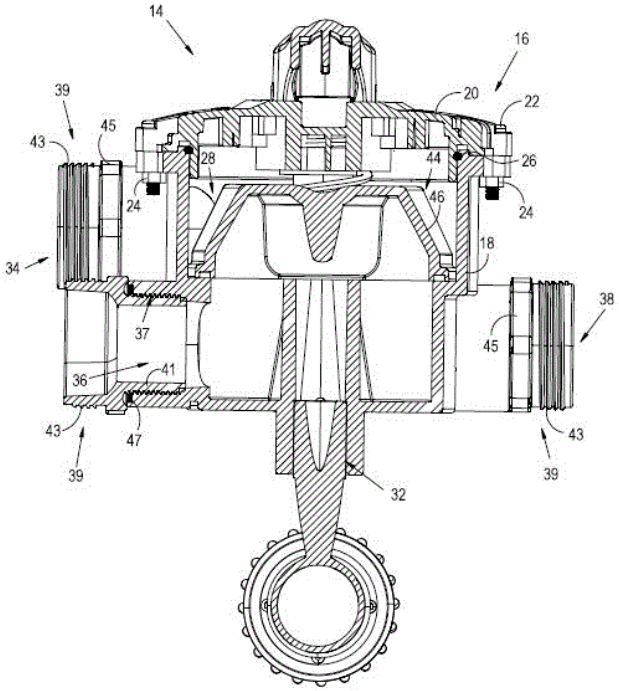
21: 2022/07039. 22: 2022/06/24. 43: 2023/01/31
51: G06F; G06Q; H04L
71: HONEYWELL, Sean William
72: HONEYWELL, Sean William
33: ZA 31: 2021/04342 32: 2021-06-24
54: A TRANSACTION SYSTEM AND METHOD
00: -

The invention relates to methods of processing financial transactions in a centralised system including slave and central servers. The method comprises generating, by the slave server, a first transaction block associated with a validated first data packet including data collected from a user device initiating a transaction session. After generation of the first transaction block, the method comprises generating, by the slave server, a transaction block associated with each data packet subsequently collected between either the user device and a central server or between the central server and the slave server, with the proviso that each time a data packet is collected, the data packet is validated against data in at least one of the first transaction block and a predecessor transaction block that is in a chain of transaction blocks associated with the first transaction block. The invention extends to an associated transaction system.

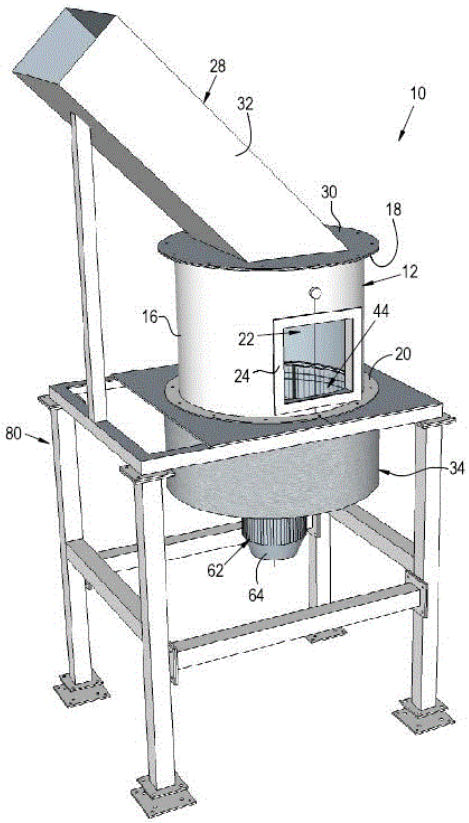


21: 2022/07095. 22: 2022/06/27. 43: 2023/01/31
51: E04H; F16K
71: Fluidra Waterlinx (Pty) Ltd
72: BOTHA, Hermanus Johannes, VAN DER VYVER, Donovan
33: ZA 31: 2021/06076 32: 2021-08-24
54: Multiport Valve
00: -

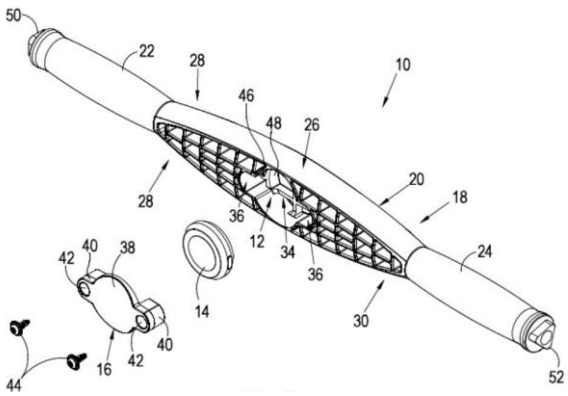
The invention provides a multiport valve (14) including a housing (16) defining a chamber (28). A plurality of ports (30, 32, 34, 36, 38) lead from the housing (16) at spaced apart positions and are connected in flow communication with the chamber (28). At least one of the ports (30, 32, 34, 36, 38) is in the form of a socket which has a female screw thread (37) and a connector (39) which has a complementary male screw thread which is screw threadedly engaged with the female screw thread such that the connector (39) protrudes from the socket (37). An elastomeric seal (47) provides a seal between the socket and the connector.



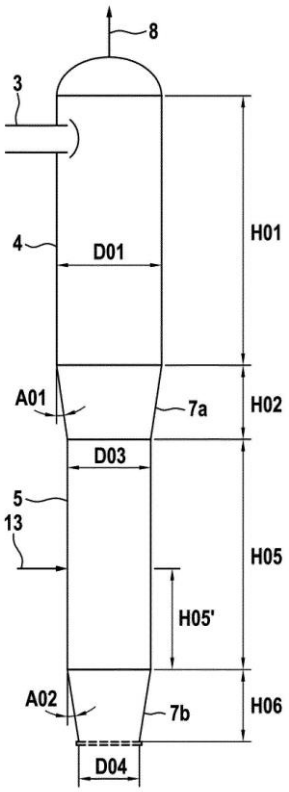
21: 2022/07154. 22: 2022/06/28. 43: 2023/01/31
51: B02C
71: MOOR, Gary Duncan
72: MOOR, Gary Duncan
54: IMPACT SHREDDER
00: -
According to the invention there is provided an impact shredder comprising an inlet housing defining an inlet for receiving waste material; shredding housing defining a shredding chamber; a screen arrangement accommodated within the shredding housing; and a shredder device rotatably fitted within the screen arrangement, the shredder device being rotatably driven by a drive means. In use, when waste material is deposited into the inlet housing via the inlet, the waste material falls into the screen arrangement within the shredding housing for shredding by the shredder device, with the sufficiently small (i.e. suitably sized) shredded material passing through the screen arrangement and subsequently exiting the impact shredder out of the shredding housing.



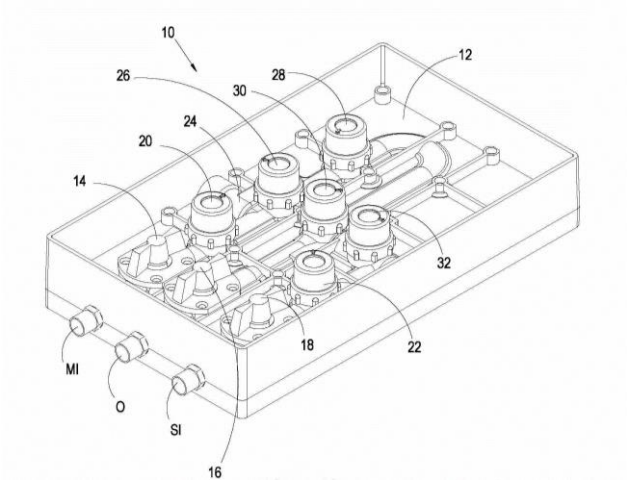
21: 2022/07208. 22: 2022/06/29. 43: 2023/01/31
51: B62B; G06K; G08B
71: SUPERCART SOUTH AFRICA (PTY) LTD
72: WOLFE, Michael Castledine
33: ZA 31: 2021/04764 32: 2021-07-08
54: TROLLEY HANDLE TAG HOLDER ARRANGEMENT
00: -
A tag holder arrangement is provided comprising a cavity for accommodating a tag and a cover for enclosing the cavity so as to conceal the tag within the cavity. The tag holder arrangement is either integrally formed with, or can be part of a clip that can be attached onto, a handle of a shopping trolley. The tag is either a tracking tag to track the shopping trolley or a related/similar electronic device. As is well known, a typical shopping trolley comprises a wheeled chassis from which a pair of spaced apart upwardly extending connecting posts extend. A basket is secured to the chassis, for accommodating goods. In terms of handles, in a first version of the invention, the handle is connected between and across the top ends of the connecting posts, with the tag holder arrangement being integrally formed with the handle.



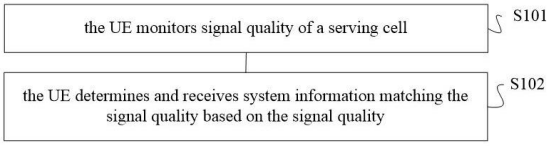
21: 2022/07440. 22: 2022/07/05. 43: 2023/05/10
51: B01J
71: Basell Polyolefine GmbH
72: PENZO, Giuseppe, DORINI, Maurizio, RINALDI, Riccardo, SOFFRITTI, Silvia, MEI, Giulia
33: EP(DE) 31: 19215247.8 32: 2019-12-11
54: APPARATUS AND PROCESS FOR THE GAS-PHASE POLYMERIZATION
00: -
Apparatus for carrying out a catalytic gas-phase olefin polymerization comprising a first polymerization zone for growing polymer particles to flow upward under fast fluidization or transport conditions, a second polymerization zone for the growing polymer particles to flow downward, and a gas/solid separation zone; wherein the second polymerization zone has an upper part being connected to the separation zone and a lower part being connected to the upper part; wherein the ratio of the height H01 of the separation zone to the diameter D01 of the separation zone is 2.5 to 4.5; and process for carrying out a catalytic gas-phase olefin polymerization in the apparatus.



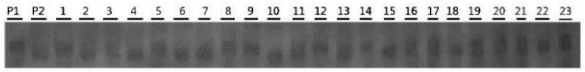
21: 2022/08436. 22: 2022/07/28. 43: 2023/02/08
51: E03B
71: EDC TANKS
72: SINGH, Ajit
33: ZA 31: 2021/05330 32: 2021-07-28
54: RAINWATER DISTRIBUTION APPARATUS
00: -
The invention is for a rainwater distribution apparatus comprising a municipal water conduit for receiving pressurized municipal water from a municipal water source; a storage water conduit for receiving water from a water storage tank; a discharge conduit for releasing one of municipal water, water from the storage tank, and water comprising a mixture of the municipal water and water from the water storage tank; and a purge mechanism fitted to the municipal water conduit.



21: 2022/08517. 22: 2022/07/29. 43: 2023/06/07
51: H04W
71: UNISOC (CHONGQING) TECHNOLOGIES CO., LTD.
72: TAN, Shu, GUAN, Wei, XIAN, Miao
33: CN 31: 201911402023.4 32: 2019-12-30
54: IDLE STATE UE SIGNAL RECEPTION METHOD, APPARATUS, STORAGE MEDIUM, AND TERMINAL
00: -
An idle state UE signal reception method, an apparatus, a storage medium, and a terminal. The method comprises: monitoring a signal quality of a serving cell; according to the signal quality, determining system information matching the signal quality and performing reception. The technical solution provided in the present invention can optimize the signal reception process of a terminal, so as to reduce power consumption and improve user experience.



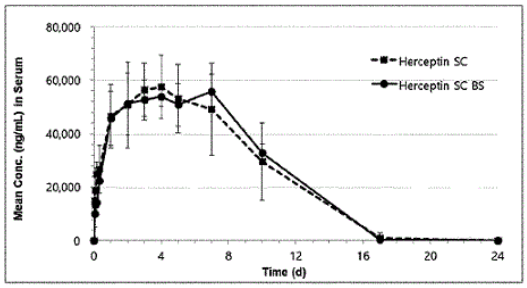
21: 2022/08619. 22: 2022/08/02. 43: 2023/06/13
51: C12Q
71: Zhejiang Academy of Agricultural Sciences
72: ZHANG, Peng, ZHOU, Shengjun, ZHU, Yuqiang, WANG, Xin
54: MOLECULAR MARKER-ASSISTED BREEDING METHOD FOR CUCUMBER
00: -
The present disclosure provides a molecular marker-assisted breeding method for cucumber. The method is as follows: using a gynoecious cucumber inbred line 240-1-2-2-3-1, a monoecious inbred line 3-5-1-3-2-1-1-1-1-2, an F2 segregating population thereof to screen an SSR-labeled primer tightly linked to gynoecious gene in cucumber; extracting genomic DNA from seedlings of control cultivars and unknown seeds, and using a screened SSR-labeled primer to obtain electrophoregrams of control and unknown samples through denaturing polyacrylamide gel electrophoresis and silver staining; rapidly and accurately detecting the presence of the gynoecious gene in cucumber according to the relative position of bands on a gel. In the present disclosure, screening of an SSR molecular marker from the gynoecious cucumber inbred line 240-1-2-2-3-1 and the monoecious inbred line 3-5-1-3-2-1-1-1-1-2 can effectively carry out the molecular marker-assisted breeding of a gynoecious cucumber line, increase selection efficiency and degree of standardization, and thus accelerate the cucumber breeding process.



P_1: Male parent; P_2: Female parent; 1 to 23: Some individual plants from the F_2 population

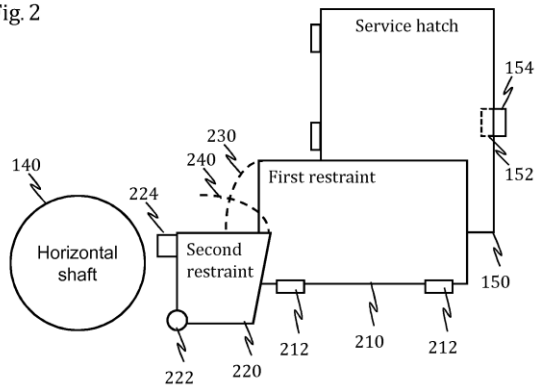
21: 2022/09369. 22: 2020/03/24. 43: 2023/05/11
51: A61K A61P C12N
71: ALTEOGEN INC.
72: PARK, Soon Jae, CHUNG, Hye-Shin, LEE, Seung Joo, KIM, Kyuwan, BYUN, Minsoo, NAM, Ki Seok
33: KR 31: 10-2019-0033880 32: 2019-03-25
54: PHARMACEUTICAL COMPOSITION FOR SUBCUTANEOUS INJECTION COMPRISING HUMAN HYALURONIDASE PH20 VARIANT AND DRUG
00: -
The present invention relates to a pharmaceutical composition comprising (a) a drug and (b) a human PH20 variant. The human PH20 variant contained in the pharmaceutical composition according to the present invention includes an amino acid substitution at one or more positions selected from the alpha helix 8 sequence (S347-C381) and a linkage region (A333-R346) between alpha helix 7 and alpha helix 8 on the wild-type human pH20 having the amino acid sequence of SEQ IS NO: 1, and is optionally cleaved at an amino acid positioned at the N-terminal or C-terminal region. In addition, the

pharmaceutical composition according to the present invention may further comprise a pharmaceutically acceptable additive, particularly, a stabilizer. Due to the advantage of the human PH20 variant, the pharmaceutical composition according to the present invention can exhibit a maximum therapeutic effect of the drug used together therewith.



21: 2022/09389. 22: 2022/08/22. 43: 2023/06/05
51: B02C
71: METSO OUTOTEC FINLAND OY
72: HEIKKILÄ, Juhamatti, LAMMINMÄKI, Marko
33: FI 31: 20205243 32: 2020-03-06
54: RESTRAINING OF SERVICE ACCESS TO HSI CRUSHER CHAMBER
00: -
A restraint apparatus (160), a horizontal shaft crusher (110) comprising same and a method (600) for controlling access to a crushing chamber (130) of the horizontal shaft crusher(110), in which a first restraint (210) has an operation mode and a service mode for respectively blocking and allows opening a service hatch (150) for accessing the crushing chamber (130); a second restraint (220) has an operation mode and a service mode for respectively not controlling the horizontal shaft (140) and controlling the horizontal shaft(140); and the first and second restraints (210, 220) are mutually exclusively usable in the operation mode so that the crushing chamber (130) is not accessible through the service hatch (150) unless the second restraint (220) is controlling the horizontal shaft (140).

Fig. 2



21: 2022/09657. 22: 2022/08/30. 43: 2023/06/13
51: A01B; A01C; A01G; C05F; C09K
71: Guizhou Institute of Biology
72: DUAN, Ruyan, AN, Changrong, LI, Yun, WEN, Guangqin, NIE, Fei
33: CN 31: 202210607014.4 32: 2022-05-31
54: METHOD FOR CULTIVATING MOUNTAINOUS BLUEBERRY MYCORRHIZA SEEDLINGS
00: -
The present disclosure relates to the technical field of blueberry cultivation, particularly to Penicillium janthinellum C1-GP and an application thereof in the cultivation of blueberry mycorrhiza seedlings. The preservation number of the Penicillium janthinellum C1-GP is GDMCC NO: 62424. The Penicillium janthinellum C1-GP provided in the present disclosure has the effects of promoting plant growth and/or improving the plant disease and pest resistance. Compared with the nursery stocks cultivated by the existing seedling cultivation technology, the blueberry mycorrhiza seedlings cultivated by the Penicillium janthinellum C1-GP provided by the present disclosure have the advantages that the mycorrhizal infection rate is improved by 280-340%, the height of the blueberry mycorrhiza seedlings is increased by 29.9-41.8%, the ground diameter growth is increased by 11.7-16.0%, the root activity is improved by 1.38-1.55 times, the disease and pest resistance is enhanced, and the nursery stock quality and later-period comprehensive benefits are obviously improved.

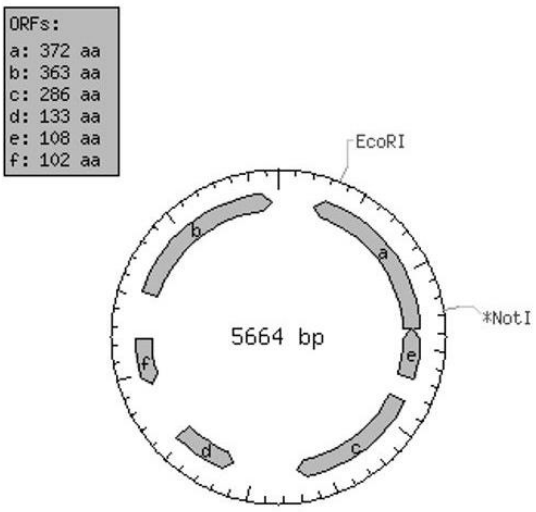
21: 2022/09759. 22: 2022/08/31. 43: 2023/06/05
51: A61K; C07K; C12N
71: IMOPHORON LIMITED
72: GARZONI, Frédéric

33: EP 31: 20155742.8 32: 2020-02-05
33: EP 31: 20155982.0 32: 2020-02-06

54: ENGINEERED POLYPEPTIDES DERIVED FROM VARIABLE DOMAIN OF ADENOVIRUS PENTON BASE

00: -

The present invention relates to an engineered polypeptide derived from adenovirus pentane base protein. The polypeptide of the invention is based on the „upper" alpha-helical domain of the adenovirus pentane base as shown in the pentane base atomic structure, but it lacks essentially completely any amino acids of the beta-barrel sheet domain showing a jellyroll fold structure (the jellyroll fold domain). The polypeptide contains at least the large fragment (also referred to herein as the "big fragment") of said alpha-helical domain of the pentane base, which fragment includes the RGD loop(s) and the VLP loop, and may contain also the second, short fragment of the alpha-helical domain of the adenovirus pentane base. The polypeptide of the invention provides a new scaffold for optimized presentation of peptidic entities such as oligopeptides, polypeptide sequences, protein domains, proteins and protein complexes made up of two, several or many subunits, preferably as high affinity agents to target molecules.

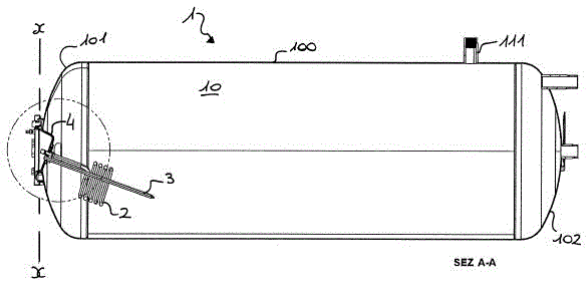


21: 2022/09886. 22: 2022/09/05. 43: 2023/04/03
51: F24H
71: Ariston S.p.A.
72: SAMPAOLESI, Marco, SERAFINI, Lorenzo, PRASAD, Nithesh

54: WATER HEATER PROVIDED WITH AN IMPROVED FLANGE SUITABLE FOR SUPPORTING AT LEAST ONE HEATING DEVICE

00: -

Storage water heater (1) for the production of hot water comprising at least one storage tank (10) having a first (101) and a second (102) cap, said first cap (101) acting as a service cap (101) whereon at least one heating device (2) is installed on a support flange (4) constrainable to said service cap (101),said support flange (4) being shaped and outlined such that, once fixed to said service cap (101), is inclined with respect to a reference plane (x-x):- tangent in a point to said service cap (101), and at the same time: - orthogonal to the longitudinal axis of simmetry of said tank (10), and - parallel with respect to the lying plane of the base of said service cap (101).



21: 2022/09889. 22: 2022/09/01. 43: 2023/04/03
51: A01N
71: RED SURCOS COLOMBIA S.A.S.
72: GALÁN ROMANO, Félix Silvestre
33: AR 31: P20200101010 32: 2020-04-08

54: PHYTOSANITARY HERBICIDE COMPOSITION IN THE FORM OF A MICROEMULSION WITH LOW SURFACTANT CONTENT AND HIGH COMPATIBILITY IN ULTRA-LOW VOLUME SPRAY LIQUIDS, AND METHOD FOR OBTAINING IT

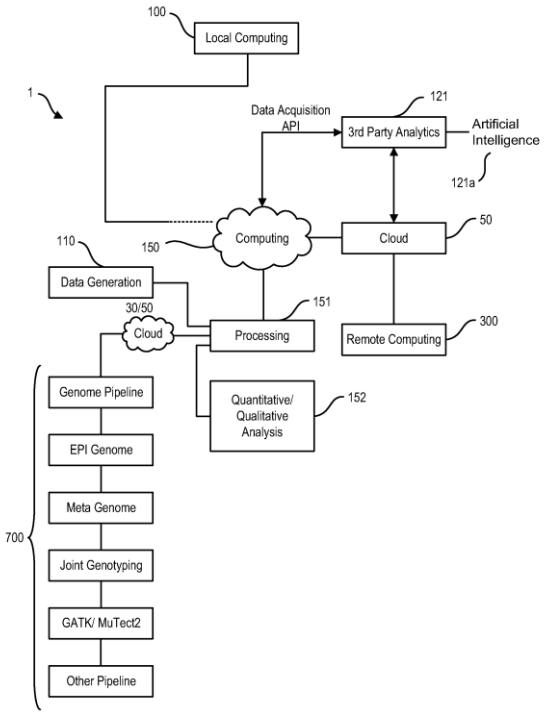
00: -

Phytosanitary herbicide composition in the form of a microemulsion with low surfactant content and high compatibility in ultra-low volume spray liquids, and method for obtaining it

21: 2022/10073. 22: 2022/09/09. 43: 2023/06/05
51: A61K
71: PURDUE RESEARCH FOUNDATION
72: ZHANG, Zhong-Yin, RUDDRARAJU, Kasi Viswanatharaju

33: US 31: 63/005,485 32: 2020-04-06
54: NOVEL N-ARYL OXAMIC ACIDS
00: -
The present disclosure relates to novel N-aryl oxamic acid based inhibitors for mycobacterium tuberculosis protein tyrosine phosphatase B (mPTPB), and to the method of making and using the novel N-aryl oxamic acid based inhibitors. More specifically, compounds provided in this disclosure can be used to inhibit mycobacterium tuberculosis protein tyrosine phosphatase B (mPTPB) and to treat a patient having a Tuberculosis disease.

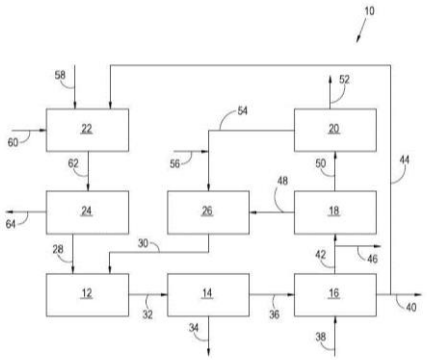
21: 2022/10297. 22: 2022/09/16. 43: 2023/06/05
51: G06F
71: EDICO GENOME, CORP.
72: VAN ROOYEN, Pieter, MCMILLEN, Robert J., RUEHLE, Michael, MEHIO, Rami
33: US 31: 62/277,445 32: 2016-01-11
54: GENOMIC INFRASTRUCTURE FOR ON-SITE OR CLOUD-BASED DNA AND RNA PROCESSING AND ANALYSIS
00: -
A system, method and apparatus for executing a sequence analysis pipeline on genetic sequence data includes a integrated circuit formed of a set of hardwired digital logic circuits that are interconnected by physical electrical interconnects. One of the physical electrical interconnects forms an input to the integrated circuit connected with an electronic data source for receiving reads of genomic data. The hardwired digital logic circuits are arranged as a set of processing engines, each processing engine being formed of a subset of the hardwired digital logic circuits to perform one or more steps in the sequence analysis pipeline on the reads of genomic data. Each subset of the hardwired digital logic circuits is formed in a wired configuration to perform the one or more steps in the sequence analysis pipeline.



21: 2022/10315. 22: 2022/09/16. 43: 2023/05/10
51: A61K; A61P
71: Centro de Ingeniería Genética y Biotecnología
72: DOMÍNGUEZ HORTA, María del Carmen, VENEGAS RODRIGUEZ, Rafael, MARTÍNEZ DONATO, Gillian, GUILLEN NIETO, Gerardo Enrique, HERNÁNDEZ CEDEÑO, Mabel, ORTEGA GONZÁLEZ, Lilia María, NODARSE CUNI, Hugo, LOPEZ ABAD, Cruz Matilde, GARAY PEREZ, Hilda Elisa, UBIETA GÓMEZ, Raimundo
33: CU 31: 2020-0026 32: 2020-04-13
54: PEPTIDE FOR THE TREATMENT OF CYTOKINE STORM SYNDROME
00: -
Disclosed is a pharmaceutical composition comprising the APL peptide identified as SEQ ID NO. 1, as an inhibitor of a hyperinflammatory state characterised by an increase in cytokines or interleukins and inflammatory molecules, the concentration of which increases until reaching a state defined as "cytokine storm". The sucrose concentrations in the composition increase the biological activity of the peptide, facilitating its intravenous application. Said peptide in a pharmaceutical composition is useful for the production of a drug for treating hyperinflammation-related diseases, such as COVID-19, dengue, macrophage activation syndrome, respiratory sepsis and diseases associated with chimeric antigen

receptor T-cell therapies, and acute respiratory distress syndrome. Also disclosed is a method for treating said diseases by administering a therapeutically effective amount of the composition.

21: 2022/10509. 22: 2022/09/22. 43: 2023/04/13
51: C01F
71: UNIVERSITY OF LIMPOPO, ROC Water Technologies (Pty) Ltd
72: MAREE, Johannes Philippus, VAN VUUREN, David Steyn
33: ZA 31: 2021/07244 32: 2021-09-28
54: NANO-SIZED CALCIUM CARBONATE
00: -
A process (10) to produce nano-sized calcium carbonate (34) includes reacting (12), in an aqueous reaction solution, dissolved Ca(HS)2 (28) and a dissolved carbonate salt (30) to produce a suspension (32) of nano-sized particulate calcium carbonate.



21: 2022/10864. 22: 2022/10/03. 43: 2023/05/08
51: F21V
71: HGCI, INC.
72: CAI, Dengke
33: US 31: 17/098,321 32: 2020-11-13
33: US 31: 17/118,982 32: 2020-11-30
54: HEAT SINK FOR LIGHT FIXTURE FOR INDOOR GROW APPLICATION
00: -
A light fixture for an indoor growing facility is provided. The light fixture includes a housing, a lighting module, and a heat sink. The housing defines a first portion and a second portion. The lighting module is at least partially disposed in the second portion. The heat sink overlies the lighting module and is configured to dissipate heat away from the lighting module.

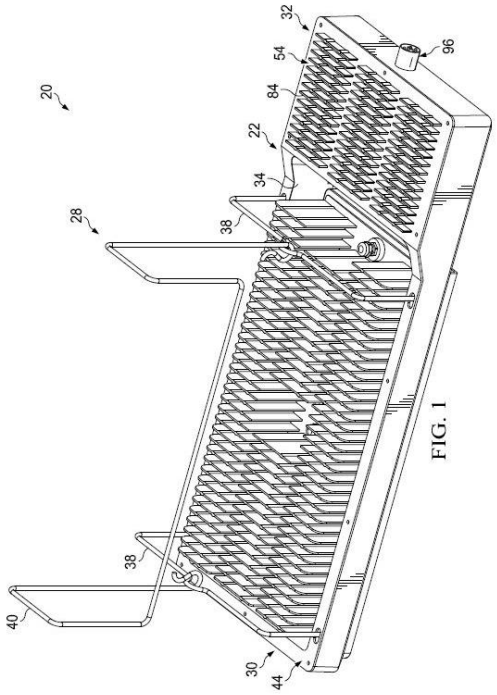
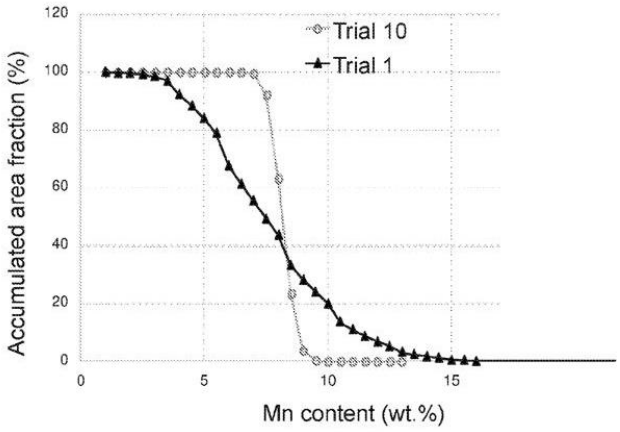


FIG. 1

21: 2022/10869. 22: 2022/10/03. 43: 2023/07/04
51: B65B; B67C; B67D; F16K
71: FILMATIC PACKAGING SYSTEMS (PTY) LTD
72: Christoffel Avril MIJBURGH, William Lennox OCHSE
33: ZA 31: 2021/07438 32: 2021-10-04
54: LEVEL FILLING ARRANGEMENT
00: -
The invention discloses a level filling arrangement for filing a container, which includes at least one filling valve; at least one lifting table adapted to transfer containers to be filled through a filling section; at least one filling cam adapted to lift the lifting table; at least one valve lifter mounted on the lifting table and having a top part; and at least one lifter cam adapted to lift the valve lifters at the same time the lifting tables are lifted by the filling cam to open the filling valve to fill the container. The lifter cam is adapted to keep the valve lifters up for a portion of the length of the filling cam, typically half of the length.

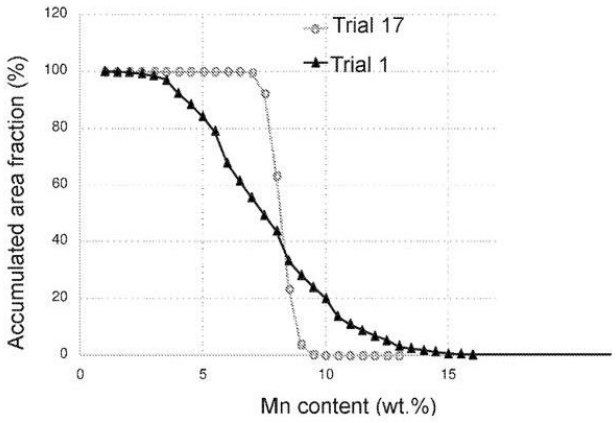
21: 2022/10907. 22: 2022/10/04. 43: 2023/07/04
51: C21D; C22C
71: ARCELORMITTAL

72: Astrid PERLADE, Kangying ZHU, Frédéric KEGEL, Blandine REMY
33: IB 31: PCT/IB2020/056993 32: 2020-07-24
54: COLD ROLLED AND ANNEALED STEEL SHEET AND METHOD OF MANUFACTURING THE SAME
00: -
The invention deals with a cold rolled and annealed steel sheet, made of a steel having a composition comprising, by weight percent: C: 0.03 - 0.18 % Mn: 6.0 – 11.0 % Al: 0.2 – 3% Mo: 0.05 - 0.5 % B: 0.0005 – 0.005% S ≤ 0.010 % P ≤ 0.020 % N ≤ 0.008 % and comprising optionally one or more of the following elements, in weight percentage: Si ≤ 1.20 % Ti ≤ 0.050 % Nb ≤ 0.050 % Cr ≤ 0.5 % V ≤ 0.2 % the remainder of the composition being iron and unavoidable impurities resulting from the smelting, said steel sheet having a microstructure comprising, in surface fraction, - from 30% to 55% of retained austenite, - from 45% to 70% of ferrite, - less than 5% of fresh martensite - a carbon [C]A and manganese [Mn]A content in austenite, expressed in weight percent, satisfying [C]A* [Mn]A / ((0,1+C%²)*(Mn%+2)) ≥1.10 - and an inhomogeneous repartition of manganese characterized by a manganese distribution with a slope above or equal to -30.



21: 2022/10972. 22: 2022/10/06. 43: 2023/07/04
51: C21D; C22C
71: ARCELORMITTAL
72: Astrid PERLADE, Kangying ZHU, Frédéric KEGEL
33: IB 31: PCT/IB2020/056999 32: 2020-07-24
54: COLD ROLLED AND DOUBLE ANNEALED STEEL SHEET
00: -
The invention deals with a cold rolled and double annealed steel sheet, made of a steel having a composition comprising, by weight percent: C: 0.03 - 0.18 % Mn: 6.0 – 11.0 % 0.2 ≤ Al < 3% Mo: 0.05 - 0.5 % B: 0.0005 – 0.005% S ≤ 0.010 % P ≤ 0.020 % N ≤ 0.008 % and comprising optionally one or more of the following elements. in weight percentage: Si ≤ 1.20 % Nb ≤ 0.050 % Ti ≤ 0.050 % Cr ≤ 0.5 % V ≤ 0.2 % the remainder of the composition being iron and unavoidable impurities resulting from the smelting. said steel sheet having a microstructure comprising. in surface fraction. - from 0% to 45% of ferrite, - from 20% to 50% of retained austenite, - from 5 to 80% of annealed martensite, - less than 5% of fresh martensite, - a carbon [C]A and manganese [Mn]A content in austenite, expressed in wt%, such that the ratio ([C]A² x [Mn]A) / (C%² x Mn%) is from 4.5 to 11.0, C% and Mn% being the nominal C and Mn weight percent in the steel and - a carbides density below 4x106/mm².

21: 2022/10973. 22: 2022/10/06. 43: 2023/07/04
51: C21D; C22C
71: ARCELORMITTAL
72: Astrid PERLADE, Kangying ZHU, Frédéric KEGEL
33: IB 31: PCT/IB2020/057000 32: 2020-07-24
54: COLD ROLLED AND ANNEALED STEEL SHEET AND METHOD OF MANUFACTURING THE SAME
00: -
The invention deals with a cold rolled and annealed steel sheet, made of a steel having a composition comprising, by weight percent: C: 0.03 - 0.18 % Mn: 6.0 – 11.0 % Al: 0.2 – 3% Mo: 0.05 - 0.5 % B: 0.0005 – 0.005% S ≤ 0.010 % P ≤ 0.020 % N ≤ 0.008 % and comprising optionally one or more of the following elements, in weight percentage: Si ≤ 1.20 % Ti ≤ 0.050 % Nb ≤ 0.050 % Cr ≤ 0.5 % V ≤ 0.2 % the remainder of the composition being iron and unavoidable impurities resulting from the smelting, said steel sheet having a microstructure comprising, in surface fraction, - from 25% to 55% of retained austenite, - from 45% to 75% of ferrite, - less than 5% of fresh martensite, - a carbon [C]A and manganese [Mn]A content in austenite, expressed in weight percent, such that the ratio ([C]A x [Mn]²A) / (C% x Mn%) is from 19.0 to 41.0 wt%, C% and Mn% being the nominal values in carbon and manganese in weight % and - a carbides density below 3x106/mm² and - an inhomogeneous repartition of manganese characterized by a manganese distribution with a slope above or equal to -30.

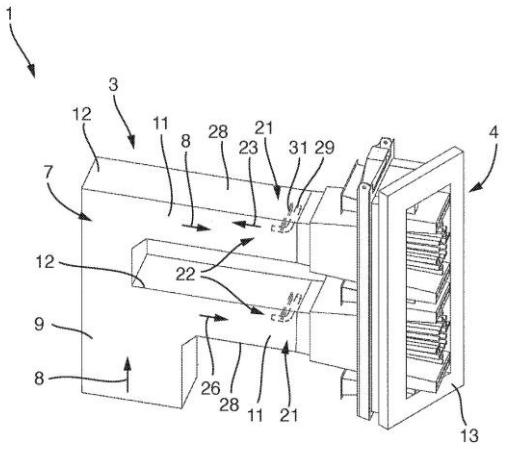


21: 2022/11076. 22: 2022/10/10. 43: 2023/05/10
51: F23D; F23M
71: General Electric Company
72: HEIMANN, Jakob, RISTIC, Dragisa, OWERTSCHUK, Andrej, PIMENOV, Wadim
33: EP(DE) 31: 20169874.3 32: 2020-04-16

54: COMBUSTION SYSTEM FOR A BOILER WITH FUEL STREAM DISTRIBUTION MEANS IN A BURNER AND METHOD OF COMBUSTION

00: -

A combustion system and method, in particular for power generation boilers, are provided. The combustion system (1) comprises a burner (3, 3', 3'') for supplying a mixed flow (8) of fuel and primary air or gas through at least one fuel nozzle (4) to a combustion chamber (6), a duct (11, 47) in fluid communication with the at least one fuel nozzle (4) for guiding the mixed flow (8) of fuel and primary air or gas to the at least one fuel nozzle (4), and a deflector device (21) positioned within the duct (11, 47) upstream of the at least one fuel nozzle (4) to deflect the incoming mixed flow (8) of fuel and primary air or gas. The deflector device (21) comprises ejection means (22) arranged to eject an auxiliary gas (23) into the duct (11, 47) to deflect the incoming mixed flow (8) of fuel and primary air or gas in a direction from a center to outer areas of the duct (11, 47) to increase the concentration of the mixed flow (8) of fuel and primary air or gas in outer areas (17) of the fuel nozzle (4) and decrease the concentration of the mixed flow (8) of fuel and primary air or gas in the center section (16) of the fuel nozzle (4).

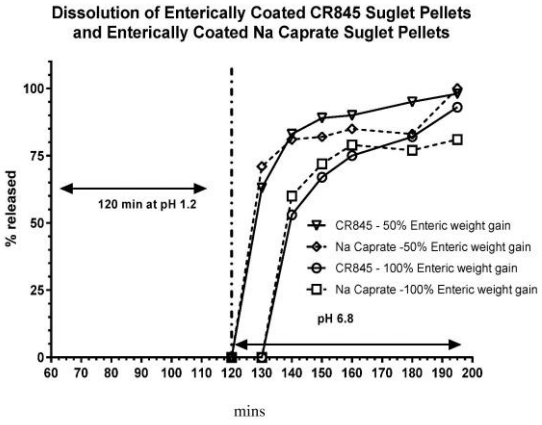


21: 2022/11363. 22: 2022/10/17. 43: 2023/05/10
51: A61K; C07K
71: Cara Therapeutics, Inc.
72: WILSON, Bryan R., O'CONNOR, Stephen J.
33: US 31: 62/991,560 32: 2020-03-18

54: OLIGOSACCHARIDE FORMULATIONS OF KAPPA OPIOID RECEPTOR AGONISTS

00: -

The invention provides formulations for oral delivery of a therapeutic agent wherein the formulation comprises a kappa opioid receptor agonist, an oligosaccharide stabilizing agent and an optional absorption enhancer. The kappa opioid receptor agonist may be coated with, embedded in or mixed with an oligosaccharide, such as trehalose. Also provided are capsules containing the oral formulations of the kappa opioid receptor agonists, the oligosaccharide and the absorption enhancer of the invention. The invention further provides methods of manufacture of the formulations and methods of their use for the prophylaxis, inhibition and treatment of variety of kappa opioid receptor-associated diseases and conditions such as pain, pruritus and inflammation. The methods of use include administering to the mammal the formulation of the kappa opioid receptor agonist, oligosaccharide and optional absorption enhancers.

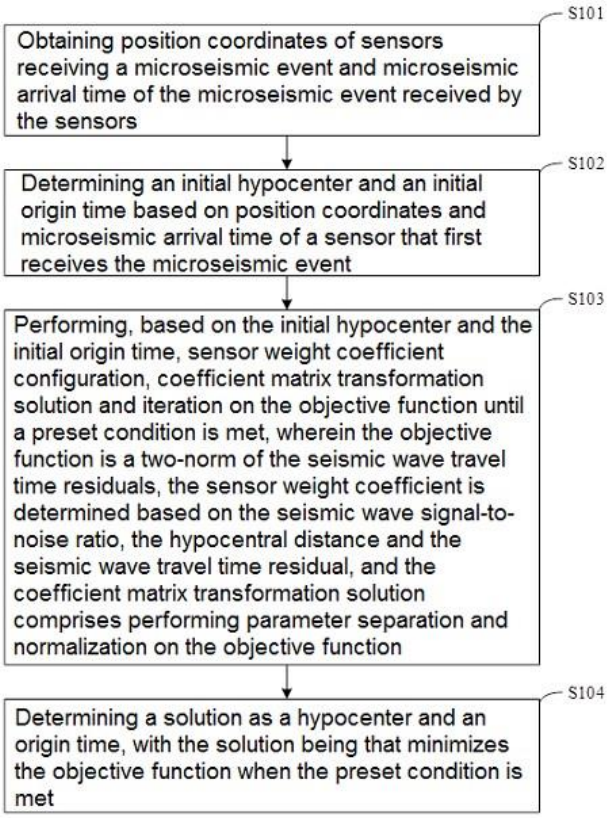


21: 2022/11423. 22: 2022/10/19. 43: 2023/04/25
51: E21B; G01V
71: BGRIMM TECHNOLOGY GROUP
72: ZHANG, Da, CHANG, Ying, YANG, Xiaocong, JI, Hu, DAI, Rui, SHI, Yaqian, WU, Yanbo
33: CN 31: CN 202210418079.4 32: 2022-04-21

54: MICROSEISMIC LOCATION METHOD, APPARATUS, ELECTRONIC DEVICE AND MEDIUM

00: -

The present disclosure provides a microseismic location method and apparatus, an electronic device and a medium. The method includes: obtaining position coordinates of sensors receiving a microseismic event and microseismic arrival times of the microseismic event received by the sensors; determining an initial hypocenter and an initial origin time based on the coordinates and microseismic arrival time of a sensor that first receives the microseismic event; performing, based on the initial hypocenter and the initial origin time, sensor weight coefficient configuration, coefficient matrix transformation solution and iteration on an objective function until a preset condition is met, wherein the objective function is a two-norm of a seismic wave travel time residuals; and determining a solution as a hypocenter and an origin time, with the solution being that minimizes the objective function when the preset condition is met. The present disclosure improves the stability and precision of solving a microseismic hypocenter and an occurrence time.



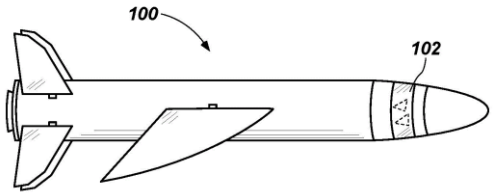
21: 2022/11504. 22: 2022/10/20. 43: 2023/04/26
51: B64G; F42B; H01Q; H01R
71: Northrop Grumman Systems Corporation
72: GOLDBERG, Mark Russell, HUNSBERGER, Harold Kregg, MILLS, Helen J.
33: US 31: 63/001,151 32: 2020-03-27

54: AERIAL VEHICLE HAVING ANTENNA ASSEMBLIES, ANTENNA ASSEMBLIES, AND RELATED METHODS AND COMPONENTS

00: -

An aerial vehicle includes a body and an antenna assembly mounted to the body. The antenna assembly includes a fairing component comprising a hollow body, a conductive coating formed on at least an inner surface of the fairing component, a plurality of antenna elements formed in the conductive coating, each antenna element including a first slot line defining a first transmission line and a second slot line defining a second transmission line, an insulator sleeve disposed within the fairing component, wherein an outer surface of the insulator sleeve at least substantially matches an inner surface of the fairing component, and a plurality of cable assemblies operably coupled to the plurality of

antenna elements, wherein each cable assembly is coupled to a respective antenna element.



21: 2022/11531. 22: 2022/10/21. 43: 2022/11/29
51: C22C
71: Huajin New Materials Research Institute (Guangzhou) Co., Ltd, Guangdong Hongbang Aluminum Metal Industry Co., Ltd
72: FAN, Weizhong, GAO, Weiquan
33: CN 31: CN 202010365465.2 32: 2020-04-30
54: HIGHLY THERMALLY CONDUCTIVE DIE-CASTING ALUMINUM ALLOY MATERIAL MADE OF RECYCLED ALUMINUM, AND PREPARATION METHOD THEREFOR
00: -
A highly thermally conductive die-casting aluminum alloy material made of recycled aluminum, and a preparation method therefor. (1) A recycled material is used as a main used material; (2) the main components of an aluminum alloy are Si, Mg, Fe, Sr, B, and Al, and the components of the aluminum alloy in percentage by mass are: 7.0%-11.0% of Si, 0.3%-1.0% of Mg, 0.6%-0.90% of Fe, 0.02%-0.06% of Sr, B≤0.03%, and the balance being Al; (3) a smelting furnace uses two water ports; and (4) in a production process, "boride treatment" is performed and a standing time is prolonged, and an element affecting the thermal conductivity is settled to the bottom of the furnace in the morphology of a boride, thereby achieving the purification of an aluminum liquid.

21: 2022/11552. 22: 2022/10/21. 43: 2023/05/02
51: C11D
71: Givaudan SA
72: LI, Xuejing
33: PCT/CN 31: 2020/086027 32: 2020-04-22
54: SCENT BOOSTER
00: -
A scent boosting composition comprising both a liquid fragrance composition and a water-disintegrable particulate fragrance composition, each of which is enclosed in separate compartments of a single water-soluble envelope, the particulate fragrance composition comprising a solid component and a fragrance component. The composition provides to washed fabrics in a washing machine, both an immediate fragrance and an enduring fragrance.

21: 2022/11621. 22: 2022/10/25. 43: 2023/05/08
51: F21V
71: HGCI, INC.
72: CAI, Dengke, HUO, Yongfeng
33: WO 31: PCT/CN2020/132703 32: 2020-11-30
54: LENS COVER HAVING LENS ELEMENT
00: -
A lens cover for a plurality of light emitting devices is provided. The lens cover includes a base substrate and an optical lens element. The optical lens element extends from the base substrate and defines a focal center. The optical lens element includes a length and a width and includes an exterior surface and interior surface. The exterior surface extends from the base substrate along an outer perimeter and is symmetrical about the focal center. The interior surface is symmetrical about the focal center.

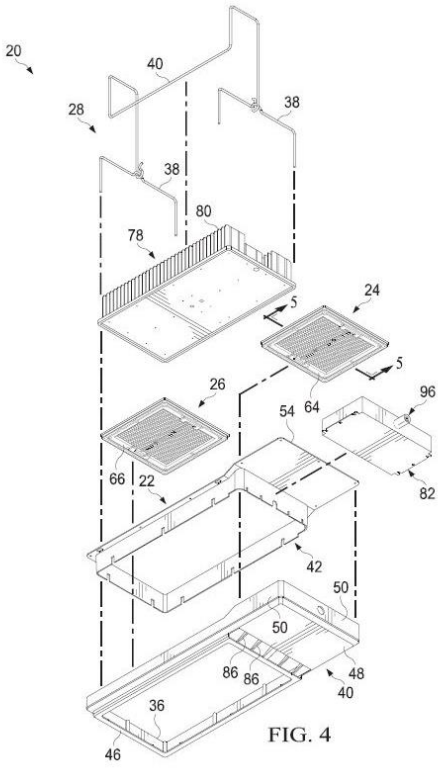
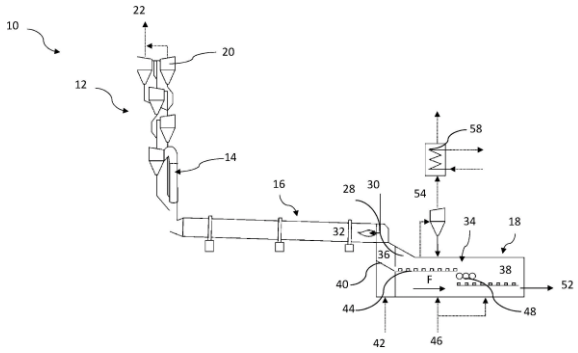


FIG. 4

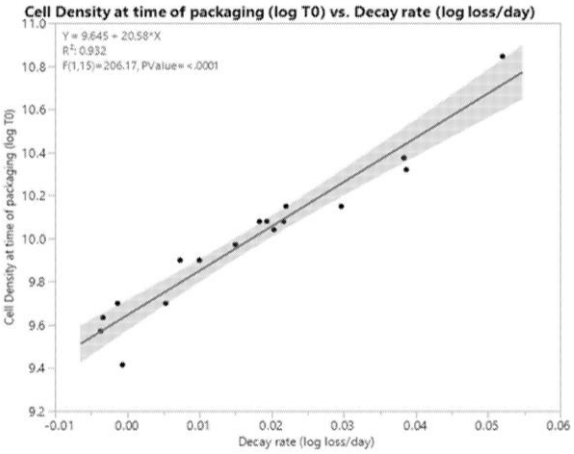
21: 2022/11636. 22: 2022/10/25. 43: 2023/05/04
51: C04B; F27B
71: thyssenkrupp Industrial Solutions AG

72: DINKOVA, Anna Ivanova, LEMKE, Jost, LAMPE, Karl, WILLMS, Eike
33: DE 31: 10 2020 205 672.2 32: 2020-05-05
33: BE 31: BE 2020/5300 32: 2020-05-05
54: CEMENT-MANUFACTURING PLANT AND PROCESS FOR PRODUCING CEMENT CLINKER
00: -
The present invention relates to a cement-manufacturing plant (10) having - a preheater (12) for preheating raw meal, - a calciner (14) for calcining the preheated raw meal, - a kiln (16) with a kiln burner (28) for burning the raw meal to form cement clinker, wherein the kiln (16) has a combustion-gas inlet for letting a combustion gas with an oxygen content of 30% to 75% into the kiln (16), and - a cooler (18) for cooling the cement clinker, - wherein the calciner (14) and the kiln (16) respectively have at least one fuel inlet (20) for introducing at least one fuel into the calciner (14) and the kiln (16), wherein the calciner (14) and the kiln (16) respectively have at least one inert-gas inlet (64, 68) for respectively letting inert gas into the calciner (14) and the kiln (16).

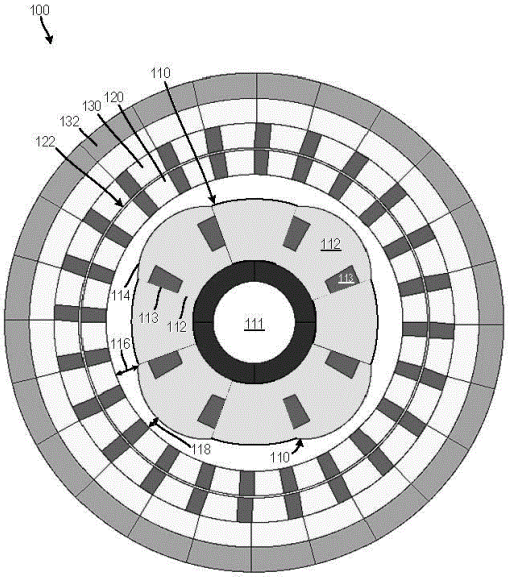


21: 2022/11680. 22: 2022/10/26. 43: 2023/05/02
51: A61K A61P
71: DONG-A ST CO., LTD., KM TRANSDERM LTD.
72: JANG, Sun-Woo, SHIN, Chang-Yell, KIM, Hae-Sun, CHA, Kwang-Ho, KIM, Hyun-Jung, HYUN, Sang-Min, GOTO, Masaoki
33: KR 31: 10-2020-0057402 32: 2020-05-13
54: PERCUTANEOUS ABSORPTION PREPARATION COMPRISING DONEPEZIL WITH IMPROVED STABILITY
00: -
The present invention relates to a percutaneous absorption preparation for the treatment of dementia wherein the drug-containing layer comprises donepezil or a pharmaceutically acceptable salt thereof as an active ingredient and a stabilizer which is either (i) a mixture of a thiocyanate salt and a compound selected from the group consisting of tea catechin, (+)-catechin, epigallocatechin gallate, ascorbic acid, and isoascorbic acid, or (ii) a mixture of monothioglycerol and a compound selected from the group consisting of tea catechin, (+)-catechin, epigallocatechin gallate, and ascorbic acid. The present invention provides a percutaneous absorption preparation comprising donepezil that meet the criteria of Procedure 1 and Procedure 2 presented in the U.S. Pharmacopoeia in short-term stress test (70℃ 48 hours storage), long-term accelerated test 1 (40℃ relative humidity 75% 1 month storage), and long-term accelerated test 2 (40℃ relative humidity 75% 3 months storage). The donepezil-containing percutaneous absorption preparation reduces the production of impurities by inhibiting decomposition of donepezil, thereby making it possible to make a percutaneous absorption preparation comprising donepezil with improved stability for long-term preservation.

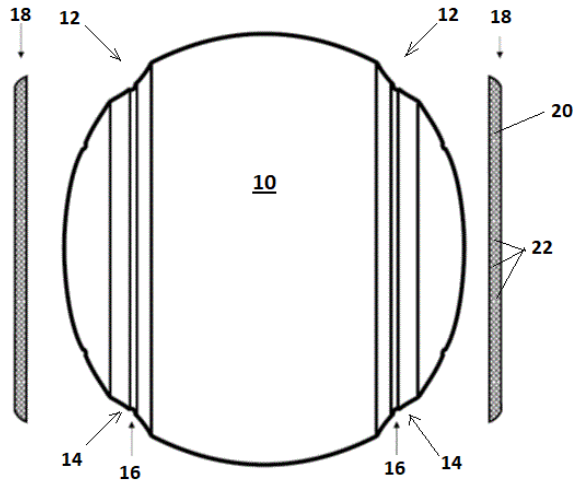
21: 2022/11694. 22: 2022/10/26. 43: 2023/04/26
51: A01H; A01N; C05F; C12N; C12R
71: Pivot Bio, Inc.
72: REZAEI, Farzaneh, MOHITI-ASLI, Mahsa, KREAMER, Naomi, JOHNSON, Allison Nicole, AMENDOLARA, Tabitha
33: US 31: 63/019,096 32: 2020-05-01
54: STABLE LIQUID FORMULATIONS FOR NITROGEN-FIXING MICROORGANISMS
00: -
The present disclosure provides agronomically stable liquid agricultural compositions, methods of formulation thereof, and methods of application thereof. The agricultural compositions comprise nitrogen-fixing microorganisms and one or more of a buffering agent, a microbial stabilizer, and a physical stabilizer. The disclosed liquid agricultural compositions have a longer shelf life and greater ease of application than other existing dry and liquid formulations. The disclosed liquid agricultural compositions are stable for a period of thirty days or longer with low toxin accumulation and high microbial stability. The compositions are suitable for use on agricultural plant tissues or the environs thereof for providing a source of fixed atmospheric nitrogen to the agricultural plant. The compositions are used to increase crop yield and decrease yield variance.



21: 2022/11700. 22: 2022/10/26. 43: 2023/04/26
51: H02K
71: The Trustees for the time being of the KMN FULFILMENT TRUST
72: MAKGERU, Kabu Walter
33: ZA 31: 2020/02703 32: 2020-05-13
54: AN ELECTRIC GENERATOR HAVING PLURAL STATORS
00: -
An electric power generator comprises a rotor and a plurality of stators arranged coaxially and concentrically about a central axis. A first stator is provided concentrically around and adjacent to the rotor, the rotor and the first stator being separated by a rotor-stator airgap and a second stator is provided concentrically around and adjacent to the first stator, the first and second stators being separated by a stator-stator airgap. The rotor includes a plurality of magnetic pole structures configured to provide or generate a plurality of magnetic poles and a radially outer surface of each of the magnetic pole structures is curved with an average radius of curvature which is less than an average distance between the outer surface and the central axis. The rotor-stator airgap thus varies circumferentially in distance, with a shortest distance being at a circumferential centre of each of the magnetic pole structures and longest distance being at circumferential ends of each of the magnetic pole structures. The stator-stator airgap is of uniform thickness.



21: 2022/11768. 22: 2022/10/28. 43: 2023/04/28
51: A63D
71: COMFITPRO (PTY) LTD
72: PAUL, Robin, WILLIAMS, Gregory, JACOBS, Walter
54: A LAWN BOWL
00: -
The invention provides a bowl. The bowl is provided with at least one grip ring, which grip ring is in the form of a first groove formed into the surface of the bowl and a second groove formed into the surface of the first groove, and a resiliently deformable or elastic band which fits into the second groove such the surface of the band is flush with or slightly proud of the surface of the first groove.



21: 2022/11821. 22: 2022/10/31. 43: 2023/05/02
51: G06F
71: BOB GROUP (PTY) LTD
72: HIGGINS, ANDREW GORDON, RAUTENBACH, CORNELIUS ABRAHAM
33: ZA 31: 2021/08461 32: 2021-11-02
54: A SYSTEM AND METHOD FOR PROCESSING A FINANCIAL TRANSACTION IN A FINANCIAL SYSTEM
00: -
A method of processing a financial transaction in a financial system and a system therefore are provided. The method includes receiving a proof of payment email from a financial institution containing data describing a payment made from a payer to a recipient, an amount paid and a payment reference. One or more email authentication protocols are used to authenticate that the email was sent by the financial institution. If the received email is authenticated as coming from the financial institution, then the received email is parsed and details of the payer, recipient, amount of the payment and a payment reference described in the email are extracted and payment confirmed data is stored in a memory. A payment confirmed data message is sent to the recipient via the communication module confirming that the expected payment has been made.

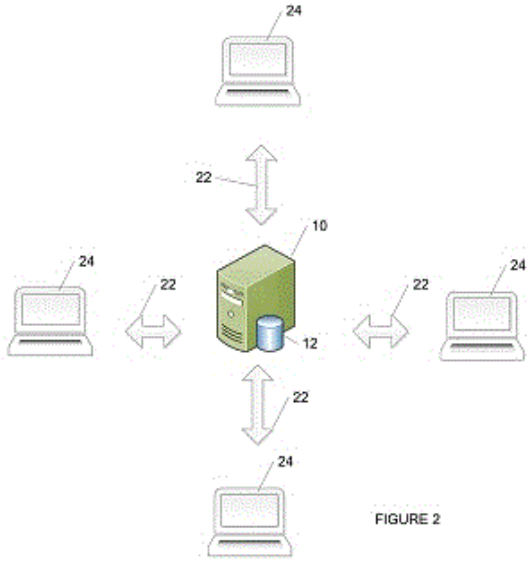
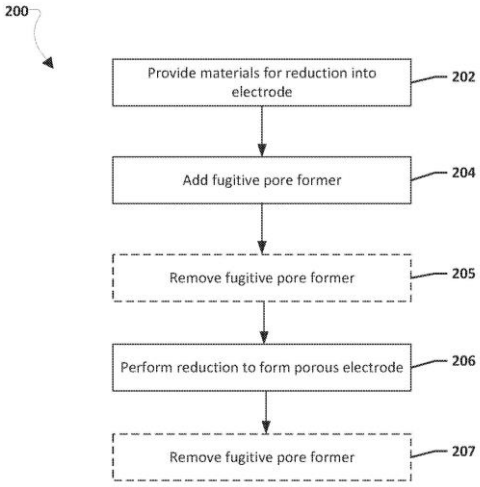


FIGURE 2

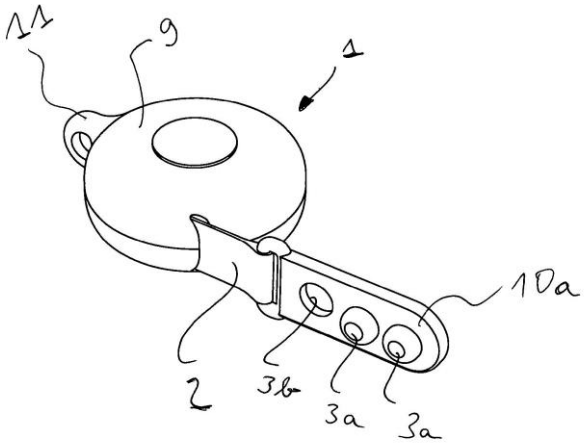
21: 2022/11823. 22: 2022/10/31. 43: 2023/05/02
51: A61K; A61P
71: Win Medica Pharmaceutical S.A.
72: KOSMIDIS, Marios, BAGOURAKIS, Georgios-Marios
54: SOLID PHARMACEUTICAL FORMS OF IRBESARTAN, HYDROCHLOROTHIAZIDE AND AMLODIPINE
00: -
The invention relates to novel solid pharmaceutical forms of a double-layer tablet wherein irbesartan (or salts thereof) and hydrochlorothiazide (or salts thereof) are contained in one layer, and amlodipine (or salts thereof) is contained in the other layer, and the weight ratio of the two layers ranges from 0.5-7.0. The solid forms of the present invention contain at least a diluent, a binder, a disintegrating agent, a lubricant and a wetting agent and are produced by a simple production process wherein the final form is in the form of a two-layer tablet coated with a thin film.

21: 2022/11852. 22: 2022/10/31. 43: 2023/05/02
51: H01M
71: Form Energy, Inc.
72: GIBSON, Michael Andrew, THOMPSON, Annelise Christine, WOODFORD, William Henry, CHIANG, Yet-Ming
33: US 31: 63/013,864 32: 2020-04-22
54: POROUS MATERIALS FOR BATTERY ELECTRODES
00: -

Systems and methods of the various embodiments may provide porous materials for electrodes of electrochemical energy storage systems.

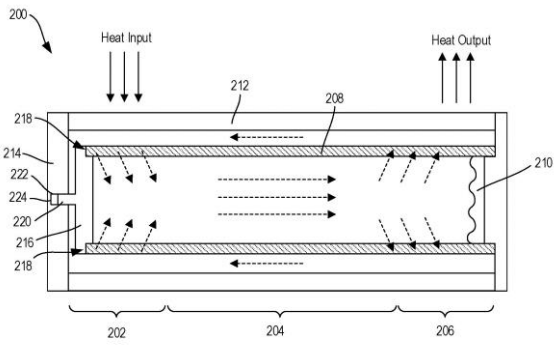


21: 2022/11856. 22: 2022/10/31. 43: 2023/05/02
51: A63B
71: RICHTER, Tino, WENDLAND, Kai
72: RICHTER, Tino, WENDLAND, Kai
33: DE 31: 20 2020 002 355.8 32: 2020-05-18
33: DE 31: 10 2020 003 211.7 32: 2020-05-18
54: APPARATUS FOR FIXING GOLF TEES
00: -
The invention relates to an apparatus for fixing golf tees (6) by means of a band (2) which can be rolled up and unrolled and which is arranged together with the rolling and unrolling device in a housing (1) and can be fixed to the at least one golf tee (6), wherein the golf tee (6) has a tee shaft (7) for inserting into the ground and a plateau arranged thereon for a golf ball, wherein the band (2) has openings (3) which are arranged spaced apart in the longitudinal direction (4) of the band, are visible and accessible when the band (2) is unrolled and which penetrate the band (2) and into each of which a tee shaft (7) of golf tees (6) can be frictionally inserted.

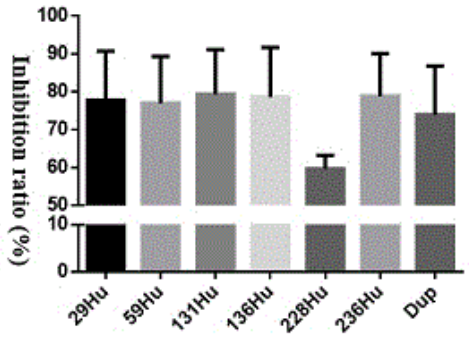


21: 2022/11863. 22: 2022/10/31. 43: 2023/05/10
51: B01J; C01C
71: Casale SA
72: CEREA, Iacopo, FILIPPI, Ermanno, PEDON, Flavio, TALARICO, Pasquale
33: EP(CH) 31: 20174023.0 32: 2020-05-12
54: PROCESS FOR MAKING AMMONIUM NITRATE
00: -
A process of making ammonium nitrate from nitric acid and ammonia in a tubular reactor internally coated with a ceramic coating.

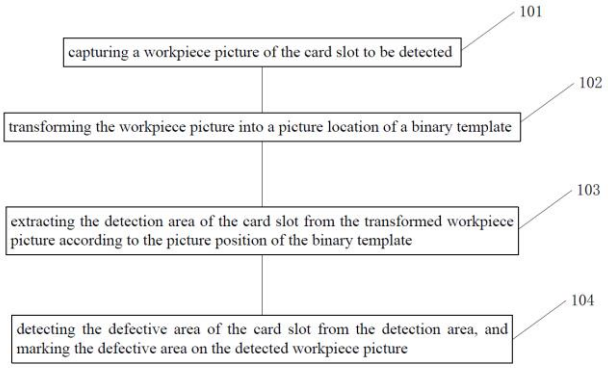
21: 2022/11867. 22: 2022/10/31. 43: 2023/04/26
51: F28D
71: Westinghouse Electric Company LLC
72: SWARTZ, Matthew M., BYERS, William A., LOJEK III, John
33: US 31: 16/853,345 32: 2020-04-20
54: METHOD OF INSTALLING A HEAT PIPE WICK INTO A CONTAINER OF DIFFERING THERMAL EXPANSION COEFFICIENT
00: -
A heat pipe is disclosed to include a container, a container lid which includes a groove defined therein, a wick, and an end plug operably coupled to the wick. The end plug includes a pin extending therefrom, and the groove of the container lid is configured to receive the pin.



21: 2022/11889. 22: 2022/11/01. 43: 2023/05/05
51: C07K; C12N; A61K; A61P
71: SHANGHAIMABGEEKBIOTECH.CO., LTD.
72: ZHANG, CHENGHAI, GUO, JINLIN, YUAN, YUJING
33: CN 31: 202010309238.8 32: 2020-04-17
54: ANTIBODY TO HUMAN INTERLEUKIN-4 RECEPTOR A, PREPARATION METHOD THEREFOR AND USE THEREOF
00: -
Provided are an antibody capable of binding to a human interleukin 4 receptor α (hIL-4Rα), a preparation method therefor and a use thereof. The antibody to hIL-4Rα can be specifically bound to hIL-4Rα, has good effects of inhibiting IL-4 and IL-13 induced cell line proliferation etc., and can be used for the treatment of IL-4R α related diseases, such as immune-mediated inflammatory diseases.

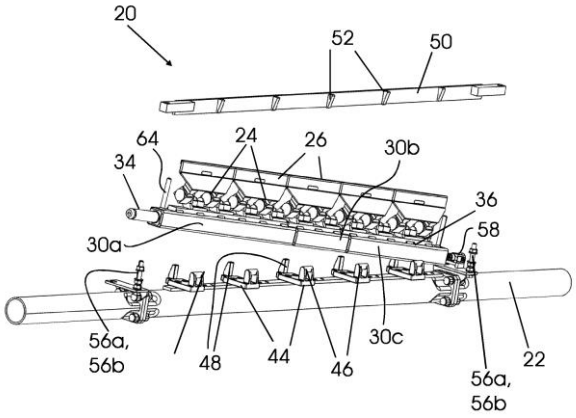


21: 2022/11944. 22: 2022/11/02. 43: 2023/05/03
51: G01N G06T
71: YIMEIDE TECHNOLOGY CO., LTD.
72: JIN, Dengke, GU, Yongqiang, ZHANG, Shenfeng, ZHOU, Yajie
33: CN 31: 202110881264.2 32: 2021-08-02
54: CARD SLOT DETECTION METHOD AND APPARATUS, AND STORAGE MEDIUM
00: -
A card slot detection method and apparatus, and a storage medium, which relate to the technical field of machine vision detection. The method comprises: collecting a workpiece picture of a card slot to be subjected to detection (101); converting the workpiece picture into a picture position of a binarized template (102); extracting a detection area of the card slot from the converted workpiece picture according to the picture position of the binarized template (103); and detecting a defect area of the card slot in the detection area, and marking, in the workpiece picture, the defect area obtained by means of detection (104). The problems in the prior art of the manual detection efficiency being low, missed detection being likely to occur and costs being relatively high are solved, thereby achieving the effects of automatic detection, detection efficiency improvement, missed detection rate reduction and cost reduction.

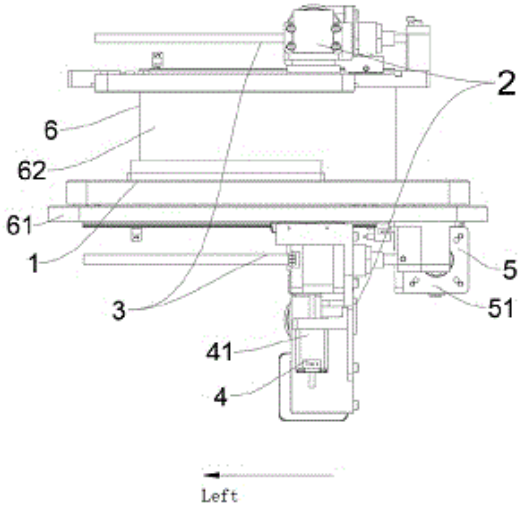


21: 2022/11946. 22: 2022/11/02. 43: 2023/05/03
51: B65G
71: KILL-FRECH, Cornelia
72: KIEL, Martin, WEIMANN, Claus
33: DE 31: 10 2020 112 875.4 32: 2020-05-12
54: RELEASABLE ATTACHMENT OF SCRAPER MODULES
00: -
The invention relates to a scraper system for a conveyor system (10) having a conveyor belt (12) and to a method for attaching a scraper module (24) to a scraper system (20). The scraper system (20) comprises a system carrier (22) and a plurality of scraper modules (24) for contacting the conveyor belt (12). The scraper modules (24) are attached to a module carrier (30), which extends on the system carrier (22) parallel to the system carrier. The

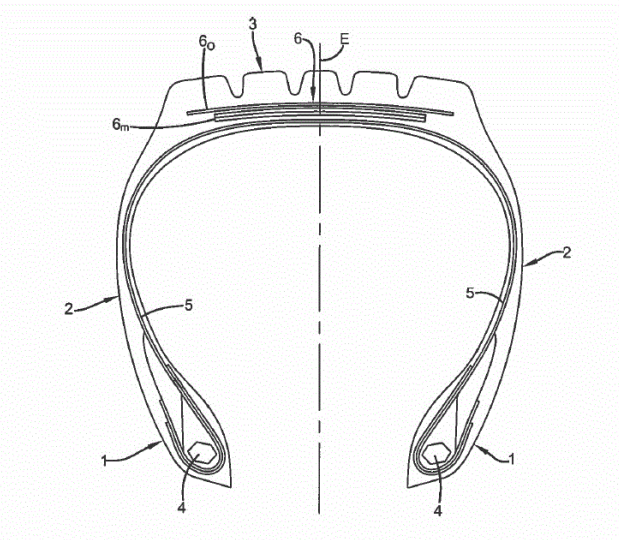
module carrier (30) is releasably attached to the system carrier (22) by means of a clamping assembly for applying a clamping force in a direction perpendicular to the system carrier (22). The clamping assembly has a clamping rod (50), which runs parallel to the system carrier and applies the clamping force by means of a wedge action.



21: 2022/11948. 22: 2022/11/02. 43: 2023/05/03
51: G01N
71: CLINX SCIENCE INSTRUMENTS CO., LTD
72: CHU, DEBAO, WANG, HUIMING, CHU, YIJUN, ZHANG, QI, CAI, RONGWEI, GAO, JIE, CHEN, XIONGQUN
33: CN 31: 202010260880.1 32: 2020-04-03
54: MICROSCOPIC OPTICAL IMAGING SYSTEM FOR LIVING CELL
00: -
A microscopic optical imaging system for a living cell, relating to the technical field of living cell culture, observation and detection equipment. The microscopic optical imaging system for a living cell comprises a sample stage device (1), a microscopic optical imaging device (2), a first linear motion device (3), a second linear motion device (4), a third linear motion device (5), and a worktable device (6). The microscopic optical imaging device (2) is driven by the first linear motion device (3) to move, the sample stage device (1) is driven by the third linear motion device (5) to move, and the microscopic optical imaging device (2) is driven by the second linear motion device (4) to adjust the resolution for imaging, so that the imaging of a living cell sample in regions is realized in a non-contact manner and the resolution for imaging is adjusted; meanwhile, the volume of the microscopic optical imaging system for a living cell is reduced.



21: 2022/11983. 22: 2022/11/03. 43: 2023/05/05
51: B60C; D07B
71: The Goodyear Tire & Rubber Company
72: LIONETTI, Robert Edward
33: US 31: 17/519,031 32: 2021-11-04
54: CORD AND TIRE WITH SPECIFIED CORD CONSTRUCTION
00: -
A cord for reinforcing a rubber article such as a tire is disclosed. The cord (100) comprises a core strand (120) having a twisted layer structure formed by intertwining a plurality of filaments; a plurality sheath strands (130) intertwined around the core strand (120), the sheath strands having a twisted layer structure formed by intertwining a plurality of filaments; and a wrap wire (110) applied around the core strand (120) and at least one of the sheath strands (130), the wrap wire (110) creating a gap (140) between the core strand (120) and the at least one sheath strand (130). Also, a tire comprising such a cord (100) is disclosed.

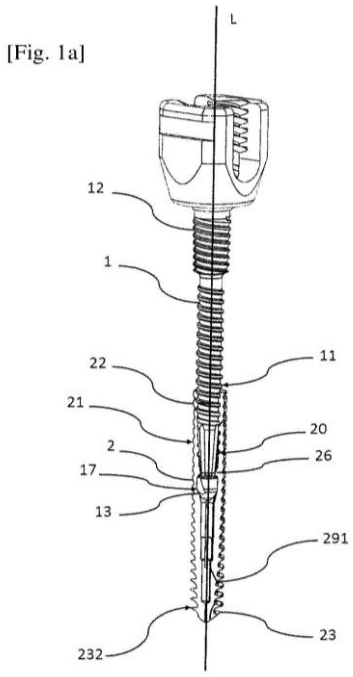


21: 2022/12025. 22: 2022/11/03. 43: 2023/05/05
51: A61B; A61C
71: Lock-In SA
72: LACAZE, Guillaume
33: FR 31: 2003577 32: 2020-04-09

54: BONE ANCHORING IMPLANT WITH OPTIMISED EXPANSION

00: -

The present invention relates to a bone anchoring implant with optimised expansion, comprising a tubular body (2) and a rod (1), the outer profiles of the rod (1) and the inside of the tubular body (2) of which are complementary, the implant being expandable between a rest configuration, wherein a stop mechanism reciprocally locks the tubular body (2) and the rod (1) due to the reversal of their two respective screw pitches, such that they provide in a radially expandable configuration: a proximal fulcrum, a distal fulcrum, a "central" fulcrum located between said two fulcrums, formed by the cooperation between the outer diameter of the rod (1) and the inner diameter of the tubular body (2) which induce an outer diameter of the tubular body (2) at the central fulcrum greater than the outer diameter of the tubular body (2) at the proximal fulcrum.



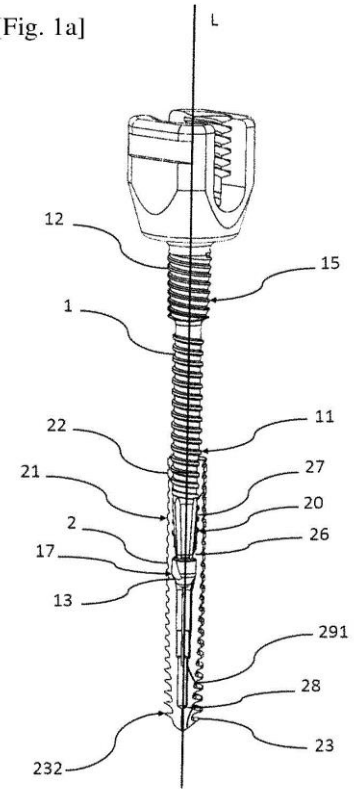
21: 2022/12027. 22: 2022/11/03. 43: 2023/05/05
51: A61B; A61C
71: Lock-In SA
72: LACAZE, Guillaume
33: FR 31: 2003579 32: 2020-04-09

54: CORTICALLY STABILIZED BONE ANCHORING IMPLANT

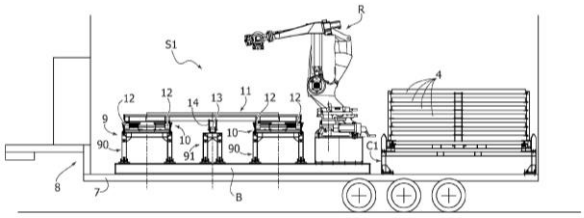
00: -

The invention relates to a cortically stabilized bone anchoring implant comprising an expandable sleeve (2) having a first, internal thread (20) and a second, external thread (21), a screw (1) that has an outer profile complementary to the inner profile of the expandable sleeve (2) and an external thread (11) with a pitch running reversely to that of the second thread (21), the implant moving from a retracted rest position to a deployed position by actuation of the reversely running threads, causing the screw to penetrate (1) into the expandable sleeve (2) and causing the radial expansion of said expandable sleeve (2) by deformation on a distal portion; in the deployed position, the expandable sleeve (2) has a frustoconical shape; the proximal portion of the screw (1) comprises an external bone anchoring thread (15) and a frustoconical portion which tapers in the direction opposite to that of the expandable sleeve (2) in the deployed position.

[Fig. 1a]



21: 2022/12188. 22: 2022/11/08. 43: 2023/05/09
51: H02S
71: Comau S.p.A.
72: DI STEFANO, Giovanni, BECCARISI, Francesco, POLLANO, Maurizio
33: IT 31: 102020000010507 32: 2020-05-11
54: METHOD AND SYSTEM FOR ASSEMBLING AND INSTALLING ARRAYS OF PHOTOVOLTAIC SOLAR PANELS IN AN OUTDOOR FIELD
00: -
A method for assembling and installing arrays (1) of photovoltaic solar panels (P) in an outdoor field, comprises a first step of assembling an array (1) of photovoltaic solar panels, which is carried out with the aid of at least one robot (R) in a transportable station (S1), located adjacent to the installation field (F), as a "temporary factory". The method includes a second step of transporting the array (1) of photovoltaic solar panels assembled in the first step, wherein the assembled array (1) of photovoltaic solar panels is transported from the station (S1) to the site of installation of the array (1) of photovoltaic solar panels with the aid of a motorized carriage (V) controlled by an operator external to the carriage. Finally, the method comprises a third step of assembling the array (1) of photovoltaic solar panels thus transported, wherein the array (1) of photovoltaic solar panels is mounted on support structures (5) previously prepared in the field (F).



21: 2022/12221. 22: 2022/11/09. 43: 2023/05/22
51: A23L
71: Prabhakaran PANDURANGAN
72: PANDURANGAN, Prabhakaran
33: IN 31: 202041015667 32: 2020-04-09
54: A THERAPEUTIC COMPOSITION
00: -
The present invention relates to an enzobiotic therapeutic combination, process for their preparation, enzobiotic therapeutical compositions containing them and their use as a therapeutic supplement or a nutritional supplement or a food supplement in renal diseases and disorders. The said combination comprising a therapeutically effective amount of: a) a synbiotic comprising at least one prebiotic and at least one probiotic and b) at least one proteolytic enzyme. The present invention further relates to kits and methods of using them. The enzobiotic combination and the enzobiotic composition comprising the said combination is particularly useful as a therapeutic supplement or a nutritional supplement or a food supplement to prevent generation of protein bound uremic toxins generated by undigested protein, to postpone dialysis and improve quality of life in subjects suffering from chronic kidney disease and end stage renal disease.

21: 2022/12223. 22: 2022/11/09. 43: 2023/05/23
51: A61K; C07D; A61P
71: GILEAD SCIENCES, INC.
72: BESTVATER, BRIAN P., DU, ZHIMIN, FARAND, JULIE, KAPLAN, JOSHUA A., PHILLIPS, BARTON W., TANG, DORIS T, VENKATARAMANI, CHANDRASEKAR, WANG, PEIYUAN, YANG, KIN S, ZAGORSKA, ANNA
33: US 31: 63/034,220 32: 2020-06-03
33: US 31: 63/130,242 32: 2020-12-23

54: LPA RECEPTOR ANTAGONISTS AND USES THEREOF

00: -

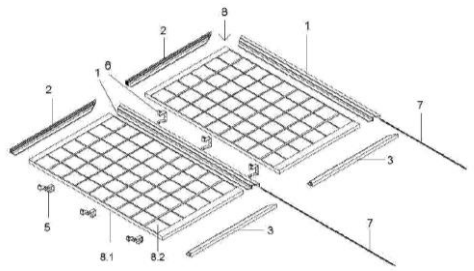
The present disclosure relates generally to compounds that bind to Lysophosphatidic Acid Receptor 1 (LPAR1) and act as antagonists of LPAR1. The disclosure further relates to the use of the compounds for the preparation of a medicament for the treatment of diseases and/or conditions through binding of LPAR1, including fibrosis and liver diseases such as non-alcoholic steatohepatitis (NASH), interstitial lung disease (ILD), or chronic kidney disease (CKD).

21: 2022/12241. 22: 2022/11/09. 43: 2023/05/23
51: H02S
71: Solarstone OÜ
72: JÜRIMÄE, Mattis, KRAAVI, Mati, AEDNIK, Silver
33: EE 31: P202000007 32: 2020-05-15

54: SYSTEM AND METHOD FOR CONNECTING AND FIXING FRAMED SOLAR PANELS TO MAKE A WHEATHERPROOF BUILDING-INTEGRATED MODULAR SURFACE

00: -

System and method for connecting and fixing framed solar panels to make a weatherproof building-integrated modular surface for the substrate batten. The system comprises connecting means comprising a top strip manufactured on the basis of the U-profile, a left-side strip, and a right-side strip, whereas the side strip is configured to engage the adjacent side strip configuration and mounting brackets of various shapes. Optional extended top strip and side strip extension strips are also provided, with which the modular surface made of framed solar panels can be extended in both height and width, if necessary.



21: 2022/12243. 22: 2022/11/09. 43: 2023/05/23
51: C12N; C12R
71: Dyadic International (USA), Inc.
72: VITIKAINEN, Marika, HUUSKONEN, Anne, KOVALCHUK, Andriy, LANDOWSKI, Christopher, TCHELET, Ronen, EMALFARB, Mark Aaron, SALOHEIMO, Markku
33: US 31: 63/024,550 32: 2020-05-14

54: MODIFIED FILAMENTOUS FUNGI FOR PRODUCTION OF EXOGENOUS PROTEINS

00: -

The present invention relates to genetically modified ascomycetous filamentous fungi, particularly of the species *Thermothelomyces heterothallica*, having reduced activity or expression of KEX2 and/or ALP7, said filamentous fungi is capable of producing elevated amounts and stability of an exogenous protein.

21: 2022/12246. 22: 2022/11/09. 43: 2023/05/23
51: A61K; C07K; C12N
71: Invivyd, Inc.
72: BELK, Jonathan, DEVEAU, Laura, RAPPAZZO, C. Garrett, WALKER, Laura, WEC, Anna
33: US 31: 63/008,545 32: 2020-04-10

54: COMPOUNDS SPECIFIC TO CORONAVIRUS S PROTEIN AND USES THEREOF

00: -

The present disclosure is directed to antibodies, and antigen binding fragments thereof, having binding specificity for the S protein of coronaviruses (CoV-S), such as the S protein of the SARS coronavirus (SARS-CoV-S) and/or the S protein of the SARS coronavirus 2 (SARS-CoV-2-S), including neutralizing antibodies and antibodies that bind to and/or compete for binding to the same linear or conformational epitope(s) on CoV-S. Further disclosed are conjugates of anti-CoV-S antibodies, and binding fragments thereof, conjugated to one or more functional or detectable moieties. Methods of making said anti-CoV-S antibodies and antigen binding fragments thereof are also contemplated. Other embodiments of the disclosure include the use of anti-CoV-S antibodies, and binding fragments thereof, for the diagnosis, assessment, and treatment of diseases and disorders associated with coronaviruses, or the S protein thereof, and conditions where neutralization or inhibition of coronaviruses, or the S protein thereof, would be therapeutically and/or prophylactically beneficial.

ADI ID	VH Protein SEQ ID NO:	VH FR1 Protein SEQ ID NO:	VH CDR1 Protein SEQ ID NO:	VH FR2 Protein SEQ ID NO:	VH CDR2 Protein SEQ ID NO:	VH FR3 Protein SEQ ID NO:	VH CDR3 Protein SEQ ID NO:	VH FR4 Protein SEQ ID NO:	VH DNA SEQ ID NO:
ADI-55688	102	103	104	105	106	107	108	109	110
ADI-55689	202	203	204	205	206	207	208	209	210
ADI-55690	302	303	304	305	306	307	308	309	310
ADI-55691	402	403	404	405	406	407	408	409	410
ADI-55692	502	503	504	505	506	507	508	509	510
ADI-55693	602	603	604	605	606	607	608	609	610
ADI-55694	702	703	704	705	706	707	708	709	710
ADI-55695	802	803	804	805	806	807	808	809	810
ADI-55696	902	903	904	905	906	907	908	909	910
ADI-55697	1002	1003	1004	1005	1006	1007	1008	1009	1010
ADI-55698	1102	1103	1104	1105	1106	1107	1108	1109	1110
ADI-55699	1202	1203	1204	1205	1206	1207	1208	1209	1210
ADI-55700	1302	1303	1304	1305	1306	1307	1308	1309	1310
ADI-55701	1402	1403	1404	1405	1406	1407	1408	1409	1410
ADI-55702	1502	1503	1504	1505	1506	1507	1508	1509	1510
ADI-55703	1602	1603	1604	1605	1606	1607	1608	1609	1610
ADI-55704	1702	1703	1704	1705	1706	1707	1708	1709	1710
ADI-55705	1802	1803	1804	1805	1806	1807	1808	1809	1810
ADI-55706	1902	1903	1904	1905	1906	1907	1908	1909	1910
ADI-55707	2002	2003	2004	2005	2006	2007	2008	2009	2010
ADI-55708	2102	2103	2104	2105	2106	2107	2108	2109	2110
ADI-55709	2202	2203	2204	2205	2206	2207	2208	2209	2210
ADI-55710	2302	2303	2304	2305	2306	2307	2308	2309	2310
ADI-55711	2402	2403	2404	2405	2406	2407	2408	2409	2410
ADI-55712	2502	2503	2504	2505	2506	2507	2508	2509	2510

21: 2022/12301. 22: 2022/11/10. 43: 2023/05/19
51: C12Q
71: OXFORD BIODYNAMICS PLC
72: RAMADASS, Aroul Selvam, HUNTER, Ewan, AKOULITCHEV, Alexandre
33: GB 31: 2008269.9 32: 2020-06-02
54: DETECTING A CHROMOSOME CONFORMATION AS MARKER FOR FIBROSIS, E.G. SCLERODERMA
00: -
A process for analysing chromosome interactions, e.g. using EpiSwitch relating to fibrosis in particular systemic sclerosis and scleroderma.

21: 2022/12305. 22: 2022/11/10. 43: 2023/05/19
51: A61K; A61P; C07D
71: Beijing Showby Pharmaceutical Co., Ltd.
72: CHEN, Xiaoping, GAO, Zejun
33: CN 31: 202010338830.0 32: 2020-04-26
54: CRYSTAL OF M RECEPTOR ANTAGONIST AS WELL AS PREPARATION METHOD THEREFOR AND APPLICATION THEREOF
00: -
The main purpose of the present invention is to provide a novel crystal of a quaternary ammonium salt structure compound, i.e., (2R,3R)-3-[(2-cyclopentyl-2-hydroxy-2- phenyl)ethoxy]-1-(3-phenoxypropyl)-1-azabicyclo[2,2,2]octylonium bromide (hereinafter referred to as compound I). A type A crystal of compound I displays diffraction peaks at the following diffraction angles 2θ in a powder X-ray diffraction pattern thereof: 5.7±0.2 degrees, 12.9±0.2 degrees, 16.7±0.2 degrees, 18.0±0.2 degrees, 19.5±0.2 degrees, 21.1±0.2 degrees, 22.3±0.2 degrees and 23.3±0.2 degrees. A type B crystal of compound I displays diffraction peaks at the following diffraction angles 2θ in a powder X-ray diffraction pattern thereof: 5.2±0.2 degrees, 15.8±0.2 degrees, 16.9±0.2 degrees, 17.7±0.2 degrees, 19.5±0.2 degrees, 20.2±0.2 degrees and 22.1±0.2 degrees. The present invention also relates to a new preparation method for compound I and an application of the two novel crystals in the field of medicine.

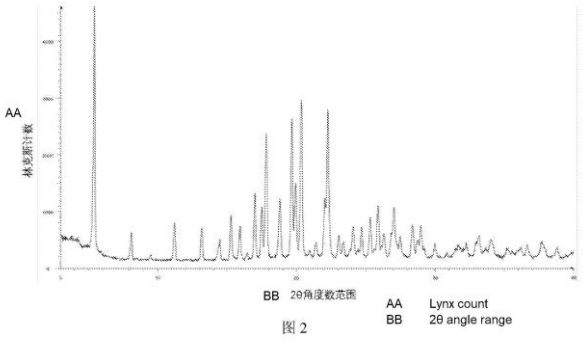
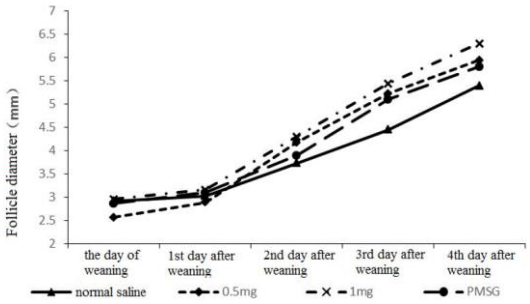
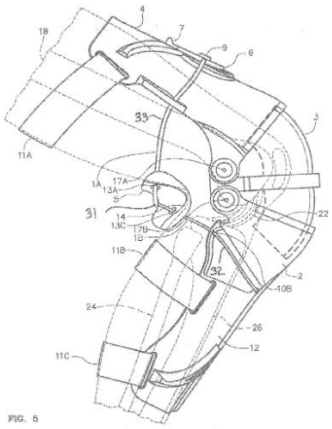


图 2

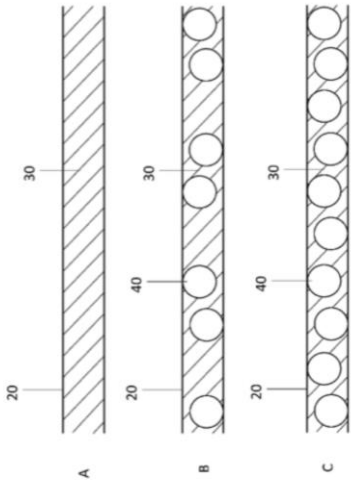
21: 2022/12326. 22: 2022/11/11. 43: 2023/05/22
51: A61K; A61P
71: Beijing Academy of Agriculture and Forestry Sciences
72: YAN, Liu, YUSHENG, Qin, JIAHUA, Bai, YUQING, Song, XIAOLING, Xu, TAO, Feng, LINLI, Xiao
54: PRODUCTS AND METHODS FOR PROMOTING ESTRUS IN FEMALE MAMMALS
00: -
The invention provides a product for promoting estrus in a female mammal comprising a Kisspeptin (Kp) and Gonadotropin-releasing hormone (GnRH), which are capable of significantly promoting estrus and conception of female mammal through the synergistic action of both. The invention also provides a method for promoting estrus in a female mammal, comprising administering an effective dose of Kp early in the estrus cycle of a female mammal followed by administration of an effective dose of GnRH, which can be effective to promote follicular development in the female mammals, increase estrus rate and conception rate in the female mammals, reduce missed mating rate in the female mammals with recessive estrus, and can be used in synchronous estrus and timed artificial insemination procedures in the female mammals.



21: 2022/12388. 22: 2022/11/14. 43: 2023/06/05
51: A61F
71: MOBIUS TECHNOLOGIES, LLC
72: FLEMING, Darren
33: US 31: 16/436,716 32: 2019-06-10
54: CABLE KNEE BRACE SYSTEM
00: -
It is the object of the invention to provide a knee bracing system that bolsters the body's natural ligaments, and accommodates users with different natural Q-angles, to reduce the knees proneness to injury or re-injury. The invention is a cable system that acts much like the body's natural way that resists the forces that cause excessive joint movement and injury to the ACL and or MCL. As the leg travels through the range of motion the cables provide external hyper extension, bending, and rotation support preventing the tibia bone from moving forward (hyper extending) or twisting (lateral rotation) and or laterally bending with respect to the femur.

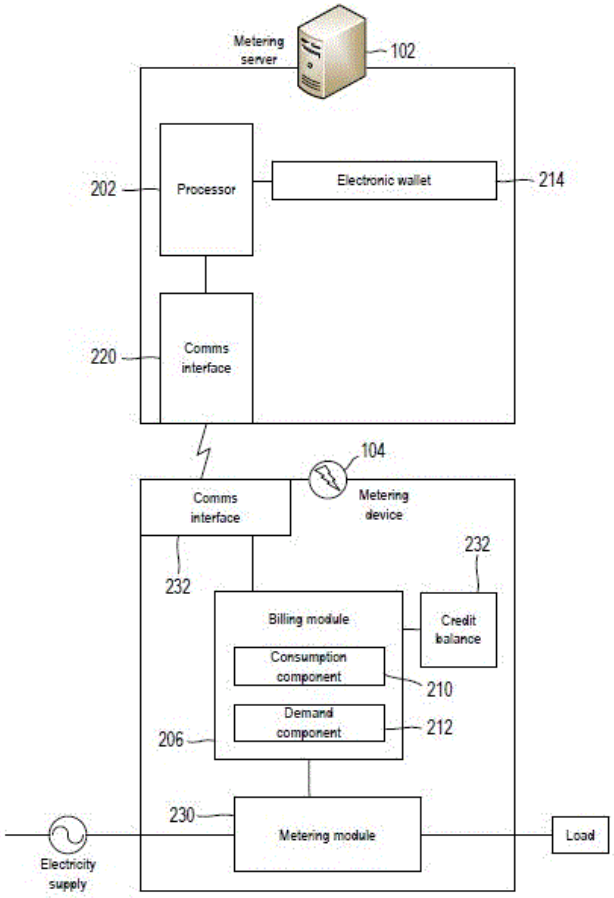


21: 2022/12505. 22: 2022/11/16. 43: 2023/06/22
51: A01N; A41D; A01P
71: PARAVIR LIMITED
72: PATCHETT, Andrew, PATCHETT, Kim
33: GB 31: 2007392.0 32: 2020-05-19
54: ANTIMICROBIAL MATERIAL
00: -
Disclosed is an antimicrobial air permeable substrate comprising a high concentration of a dry powder. Also disclosed is the use of the antimicrobial material to kill, denature or otherwise deactivate microbes, particularly airborne or droplet-borne microbes. The invention also relates to a functionalised fabric that will deactivate air borne virus upon contact. In particular, it relates to a fabric within which is contained an active compound or compounds that have been demonstrated to deactivate air borne virus and other pathogens when said virus or pathogens make contact with the active compound within the fabric. The active compound or compounds described are harmless to humans, animals, marine and plant life and are prolifically available from sustainable resources.



21: 2022/12622. 22: 2022/11/21. 43: 2023/05/24
51: G01R; G06Q
71: NEURA TECHNOLOGIES (PTY) LTD.
72: NEILSON, Peter John, DU TOIT, Ignatius Johannes
33: ZA 31: 2021/10175 32: 2021-12-09
54: An On-demand Electricity Billing System and Method
00: -
An electricity system for on-demand metering and billing includes a metering module coupled to an electricity supply and configured to measure instantaneous electricity usage. The system has an electronic wallet of an electricity user indicative of a

remaining account balance. A billing module is configured to charge for electricity usage based on a combination of at least two components, namely (1) a consumption component in which the billing module determines how much electricity has been used, and (2) a demand component. For the demand component, the billing module is configured to divide a billing period into a plurality of billing intervals, measure a peak power demand for each billing interval, and charge the electronic wallet in accordance with a demand tariff for each billing interval based on a highest peak power demand for any billing interval up to that point in the billing period.

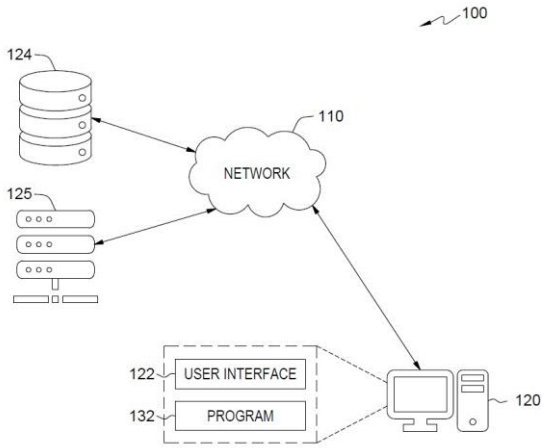


21: 2022/12627. 22: 2022/11/21. 43: 2023/05/25
51: G06F; G06N
71: International Business Machines Corporation
72: MAKONDO, Ndivhuwo, LUUS, Francois Pierre, KHAN, Naweed Aghmad, AKHALWAYA, Ismail Yunus, RIEGEL, Ryan Nelson, MOLOKO, Oarabile Hope, LEBESE, Thabang Doreen
33: US 31: 17/807,909 32: 2022-06-21

54: DETECTING AND CORRECTING KNOWLEDGE BASE ERRORS

00: -

A computer-implemented method may include processors configured for receiving input data corresponding to a knowledge base comprising a plurality of propositional logic clauses, generating output data corresponding to a first set of logical rules and a first set of facts based on the plurality of propositional logic clauses, accumulating the first set of facts to generate accumulated facts, generating a model graph based on the accumulated facts and the first set of logical rules, alternating reasoning and learning passes at the model graph until convergence to generate a second set of logical rules and a second set of facts, and generating a third set of logical rules and a third set of facts, wherein the third set of logical rules and the third set of facts exceed a first predetermined threshold.



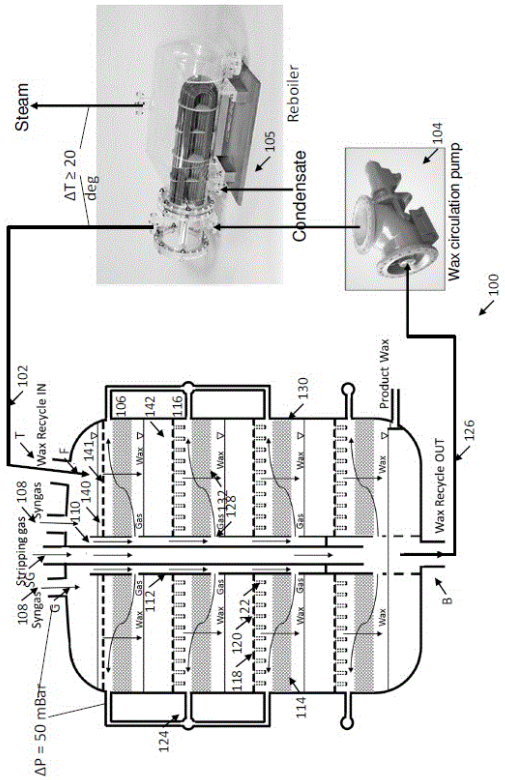
21: 2022/12628. 22: 2022/11/21. 43: 2023/05/25
51: C10G
71: Siemens Process Systems Engineering Limited
72: URBAN, Zbigniew Boguslaw
33: GB 31: 2216567.4 32: 2022-11-07

54: REACTOR AND REACTION METHOD

00: -

A Fischer-Tropsch reactor (100) comprising:a) a pressure vessel (130) adapted to contact an enriched carrier fluid (F) with a catalyst to form a hydrocarbon product, wherein the carrier fluid (F) is enriched with carbon monoxide and hydrogen by contact with a synthesis gas (G);b) a carrier fluid (F) recirculation pump (104) in fluid connection with the base (B) of the pressure vessel (130) and adapted to

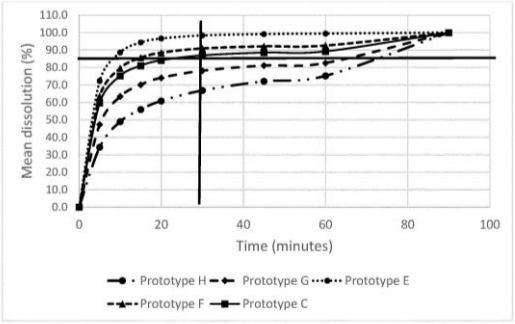
pump (104) carrier fluid (F) from the pressure vessel (130) to be recycled and reintroduced to the top T of the pressure vessel (130); andc) a heat exchanger (105) in fluid connection with the top (T) of, and external to, the pressure vessel (130) and the carrier fluid (F) recirculation pump (104) and adapted to cool the carrier fluid (F) before reintroduction to the top (T) of the pressure vessel (130); wherein the pressure vessel (130) is provided with a vertical alternating arrangement of gas enrichment zones (106) and catalyst-containing reaction zones (116) through which the carrier fluid (F) flows before being pumped from the pressure vessel (130) to be recycled.



21: 2022/12631. 22: 2022/11/21. 43: 2023/05/09
51: A61K; A61P; C07D; G01N
71: iOmx Therapeutics AG
72: SENNHENN, Peter, BISSINGER, Stefan, LOFERER, Hannes, BANCROFT, David, MICHELS, Tillmann, KHANDELWAL, Nisit
33: EP(DE) 31: 20170641.3 32: 2020-04-21
54: HALOGENATED-HETEROARYL AND OTHER HETEROCYCLIC KINASE INHIBITORS, AND USES THEREOF
00: -

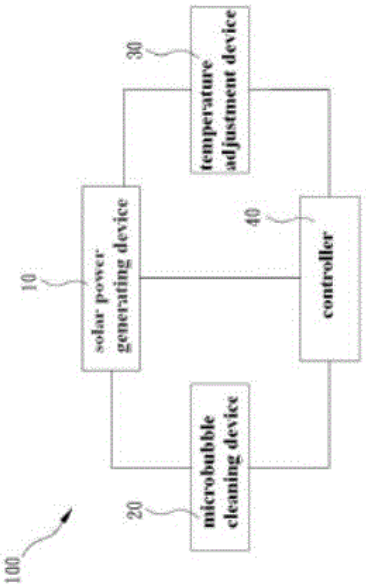
The invention relates to kinase inhibitors, in particular inhibitors of protein kinases including the SIK-family CSF1R, ABL/BCR-ABL, SRC, HCK, PDGFR, KIT and/or their mutants. Although structurally similar to dasatinib, the kinase inhibitors of the invention are distinctive; possessing a particular class of halogenated heteroaryls. Such kinase inhibitors can display one or more certain properties distinct to dasatinib and other structurally similar kinase inhibitors. The kinase inhibitors of the invention or pharmaceutical compositions comprising them may be used in the treatment of a disorder or condition, such as a proliferative disorder, for example, a leukaemia or solid tumour. In particular, these and other structurally similar kinase inhibitors may be used in the treatment of a proliferative disorder - such as a mixed phenotype acute leukaemia (MPAL) - characterised by (*inter-alia*) the presence of MEF2C protein, a human chromosomal translocation at 11q23, and/or a KMT2A fusion oncoprotein. The kinase inhibitors or pharmaceutical compositions disclosed herein may be used topically to modulate skin pigmentation in a subject, for example to impart UV protection and reduce skin cancer risk.

21: 2022/12663. 22: 2022/11/21. 43: 2023/05/24
51: A61K
71: AstraZeneca AB
72: AL HUSBAN, Farhan Abdel Karim Mohammad
33: US 31: 63/014,923 32: 2020-04-24
54: PHARMACEUTICAL FORMULATIONS
00: -
The present specification relates to pharmaceutical formulations comprising N-(1-(3-fluoropropyl)azetidin-3-yl)-6-((6S,8R)-8-methyl-7-(2,2,2-trifluoroethyl)-6,7,8,9-tetrahydro-3H-pyrazolo[4,3-f]isoquinolin-6-yl)pyridin-3-amine, microcrystalline cellulose (MCC) and dicalcium phosphate anhydrous (DCPA), for example tablets with immediate release properties.

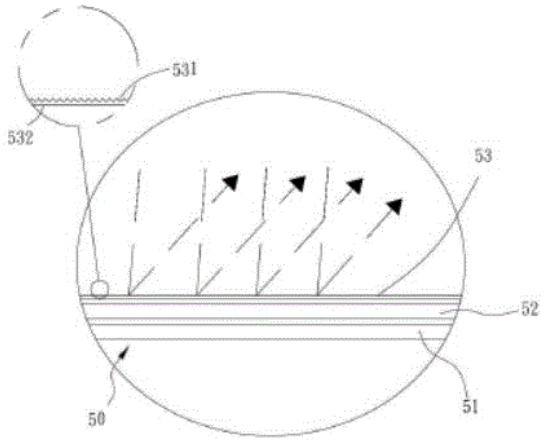


21: 2022/12687. 22: 2022/11/22. 43: 2023/05/25
51: B08B; H02S
71: Season Energy Technology Co., Ltd.
72: CHANG, Lin-Hung
54: SOLAR POWER GENERATING SYSTEM
00: -
A solar power generating system includes a solar power generating device (10), a microbubble cleaning device (20) mounted on the solar power generating device, a temperature adjustment device (30) mounted on the solar power generating device, and a controller (40) electrically connected with the solar power generating device, the microbubble cleaning device, and the temperature adjustment device. The microbubble cleaning device produces a liquid containing microbubbles and is controlled by

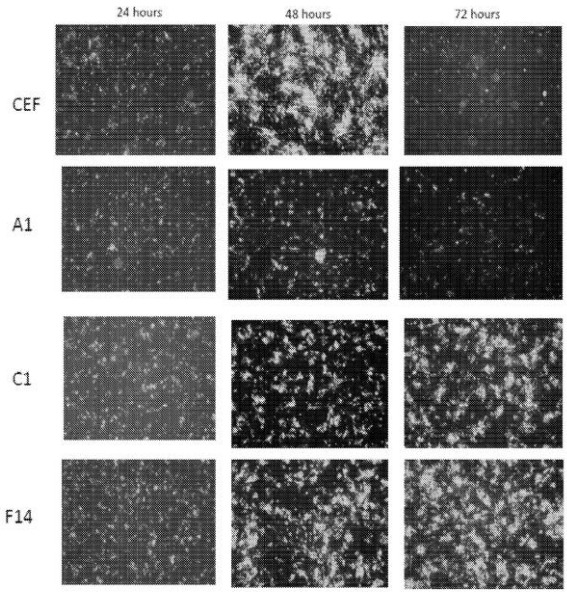
the controller to inject the liquid outward to clean a surface of the solar power generating device. The temperature adjustment device is used to regulate an ambient temperature of the solar power generating device. The controller receives data of power generation from the solar power generating device, and controls on/off operation of the microbubble cleaning device and the temperature adjustment device.



21: 2022/12688. 22: 2022/11/22. 43: 2023/05/25
51: H01L; H02S
71: Season Energy Technology Co., Ltd.
72: CHANG, Lin-Hung
54: SUN-TRACKING SOLAR POWER GENERATING APPARATUS AND THE SOLAR PANEL THEREOF
00: -
A sun-tracking solar power generating apparatus includes an upright post (10), a frame (20) located above the upright post, a pivot device (30) pivotally mounted between a top of the upright post and a bottom of the frame, an inclination adjusting device (40) mounted between the upright post and the frame, multiple solar panels (50) mounted on the frame, and a temperature adjustment device (60) mounted on the bottom of the frame. Each of the solar panels includes a self-cleaning reflective layer (53) disposed at an outer face thereof. The self-cleaning reflective layer is made of Teflon material.

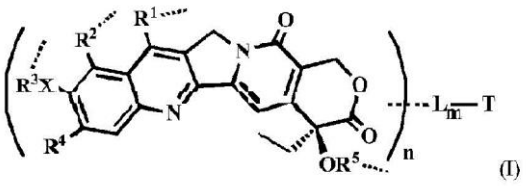


21: 2022/12721. 22: 2022/11/22. 43: 2023/05/26
51: A61K; C12N
71: Zoetis Services LLC
72: AMEISS, Keith Allen, ROSEY, Everett Lee
33: US 31: 63/039,021 32: 2020-06-15
54: CELL LINE FOR PRODUCTION OF MAREK'S DISEASE VIRUS VACCINE AND METHODS OF MAKING AND USING THE SAME
00: -
The present application relates to an avian cell line capable of supporting viral growth of Marek's Disease Virus (MDV), including Herpes Virus of Turkeys (HVT), methods of producing such cell lines, and therapeutic uses of the cell lines and resulting vaccines.

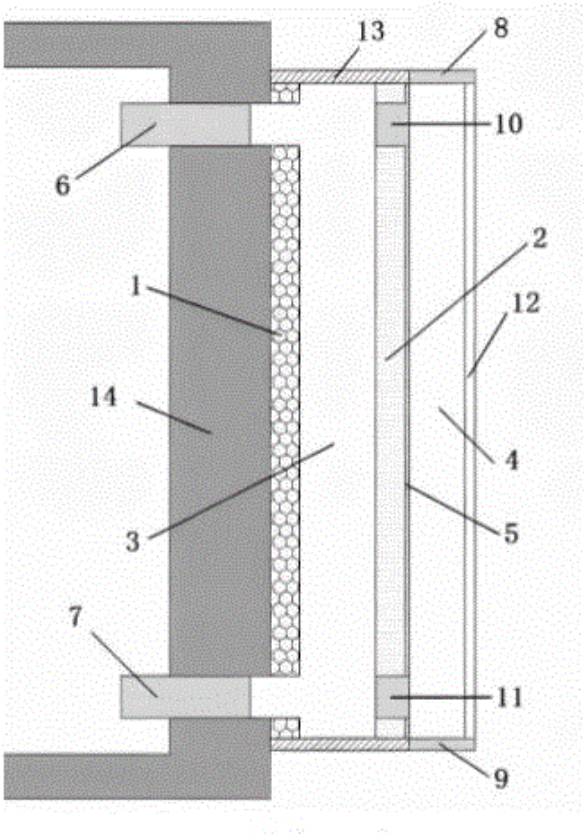


21: 2022/12768. 22: 2022/11/23. 43: 2023/05/26

51: A61K; A61P; C07D; C07K
71: Hangzhou DAC Biotech Co., Ltd.
72: ZHAO, Robert, YANG, Qingliang, YE, Hangbo, HUANG, Yuanyuan, XU, Yifang, ZHAO, Gengxiang, CHEN, Diancheng, GUO, Huihui, KONG, Xiangfei, LI, Wenjun, BAI, Lu, CAI, Xiang, ZHANG, Xiuzhen, JIA, Junxiang, GUO, Zhixiang, HUANG, Shangma, WANG, Xiaoxu, ZHENG, Jun, DU, Yong, LI, Yanhua, ZHENG, Yunxia, LIN, Chen, CHEN, Xiaoxiao, ZHENG, Wei, JIANG, Xinyan, ZHANG, Lingli, YE, Riping, CHEN, Miaomiao
54: CONJUGATES OF A CELL-BINDING MOLECULE WITH CAMPTOTHECIN ANALOGS
00: -
Provided are conjugates of camptothecin analogs with a cell-binding molecule of formula (I), wherein R1, R2, R3, R4, R5, X, L, n, m, T and ----- are defined herein. It also provides methods of making the conjugates of camptothecin analogs to a cell-binding agent, as well as methods of using the conjugates in targeted treatment of cancer, infection, and immunological disorders.



21: 2022/12783. 22: 2022/11/24. 43: 2023/06/13
51: E04B; E04D
71: Institute of Energy Research, Jiangxi Academy of Sciences, Nanjing University of Science and Technology
72: XI, Xiping, LUO, Chenglong, TU, Mengzi
54: DUAL CHANNEL-INTERMEDIATE HEAT INSULATION TYPE SOLAR PHASE CHANGE HEAT STORAGE WALL SYSTEM
00: -
Disclosed is a dual channel-intermediate heat insulation type solar phase change heat storage wall system composed of a phase change material (PCM) wall, a heat insulation layer, an inner channel, an outer channel, a heat absorption aluminum plate, an indoor upper air port, an indoor lower air port, an outdoor upper air port, an outdoor lower air port, an intermediate layer upper air port, an intermediate layer lower air port, a glass cover plate and a frame. According to the present invention, the characteristic that the building has four different requirements of heating, heat preservation, heat insulation and cooling in different seasons throughout the year is comprehensively considered, such that the seasonal adaptability is better, an application area is wider, the operation cost is quite low, the structure is compact, and operation is simple.



21: 2022/12804. 22: 2022/11/24. 43: 2023/05/26
51: E05B
71: CISA S.p.A.
72: FABBRI, Matteo, FERRI, Giovanni, TALAMONTI, Enzo
54: MODULAR LOCK
00: -
A modular lock (1) comprising at least one control unit (2), which is controlled by a respective key (A) and is constituted by a stator (3) and by a rotor (4); the rotor (4) is provided with a slot (5) with shape and dimensions that are complementary to those of the key (A) and with at least one moveable pin (6), which can move within a substantially radial channel that also extends into the stator (3), the pin (6) being adapted to mutually couple/decouple stator (3) and rotor (4). The unit (2) comprises at least one bit (7), which is functionally associated with the rotor (4) and

is adapted to mechanically actuate the sliding bolt controlled by the lock (1). The base of the at least one unit (2) comprises a longitudinal through hole (8) and the base of the bit (7) comprises a threaded longitudinal cylindrical channel (9): in the assembled configuration the hole (8) and the channel (9) are aligned and accommodate a coach screw (10) which is engaged on the threading of the channel (9) for the mutual clamping of the at least one unit (2) and of the bit (7). Between the at least one control unit (2) and the bit (7) at least one spacer element (11) is interposed, which is provided with a longitudinal through conduit (12) at its base and with an idle cylinder (13), which is aligned with the rotor (3) and provided with means for coupling thereto, for transferring the rotary motion of the rotor (3) to the moveable element of the bit (7) in order to mechanically actuate the sliding bolt controlled by the lock (1).

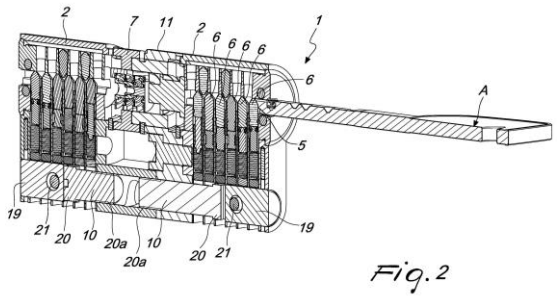
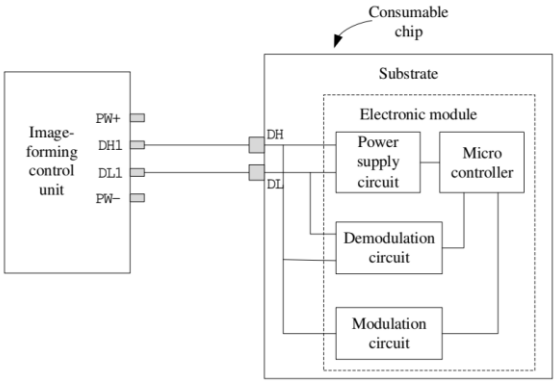
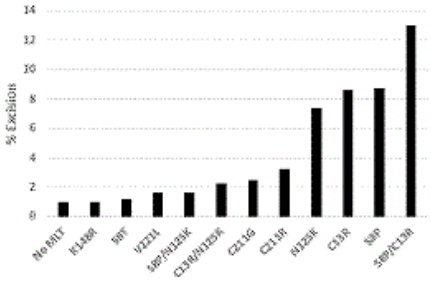


Fig. 2

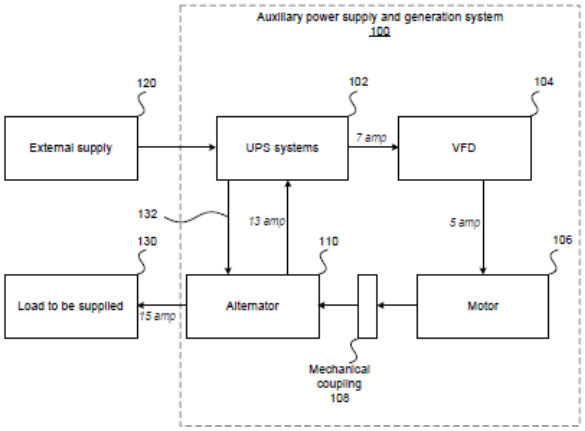
21: 2022/12892. 22: 2022/11/28. 43: 2023/05/30
51: B41J; G03G; H04N
71: ZHUHAI PANTUM ELECTRONICS CO., LTD.
72: ZHANG, Hao, LI, Haixiong
33: CN 31: 2021116818513 32: 2021-12-31
33: CN 31: 2022110046222 32: 2022-08-22
54: CONSUMABLES CHIP, CONSUMABLE, IMAGE-FORMING APPARATUS, COMMUNICATION METHOD, AND DETECTION METHOD
00: -
The present disclosure provides a consumable chip, a consumable, an image-forming apparatus, a communication method, and a detection method. The consumable chip includes the first connection terminal, configured to be connected to the first connection pin when the consumable is installed on the image-forming apparatus; the second connection terminal, configured to be connected to the second connection pin when the consumable is installed on the image-forming apparatus; the power supply circuit, configured to convert the first input signal and the second input signal received through the first connection terminal and the second connection terminal into a DC voltage to supply power to the microcontroller; the demodulation circuit, configured to demodulate the first input signal and the second input signal to obtain demodulated signals; and the modulation circuit, configured to send modulation signals to the image-forming control unit through the first connection terminal and the second connection terminal.



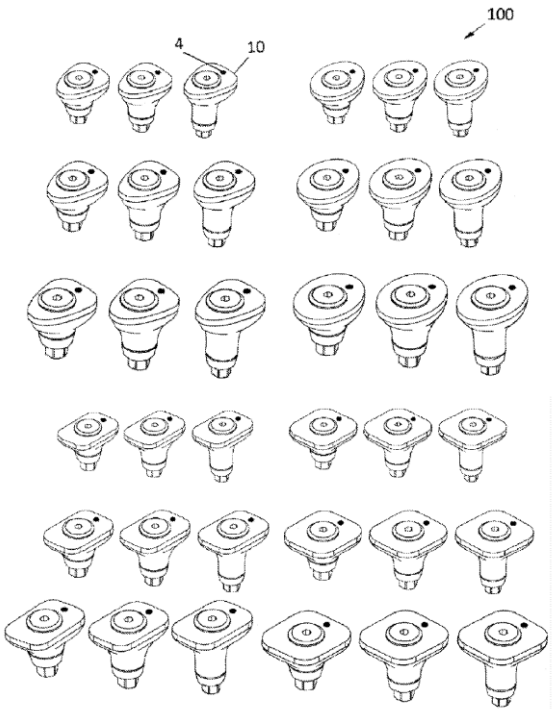
21: 2022/12919. 22: 2022/11/28. 43: 2023/05/30
51: C12N C40B
71: SALIOGEN THERAPEUTICS, INC.
72: HIGGINS, Joseph, J., MCMILLAN, Scott, TABIBIAZAR, Ray
33: US 31: 63/019,709 32: 2020-05-04
33: US 31: 63/027,561 32: 2020-05-20
33: US 31: 63/058,200 32: 2020-07-29
33: US 31: 63/175,345 32: 2021-04-15
54: TRANSPOSITION-BASED THERAPIES
00: -
Gene therapy compositions and methods are provided that make use of novel transposases and/or chimeric transposases for targeted transposition.



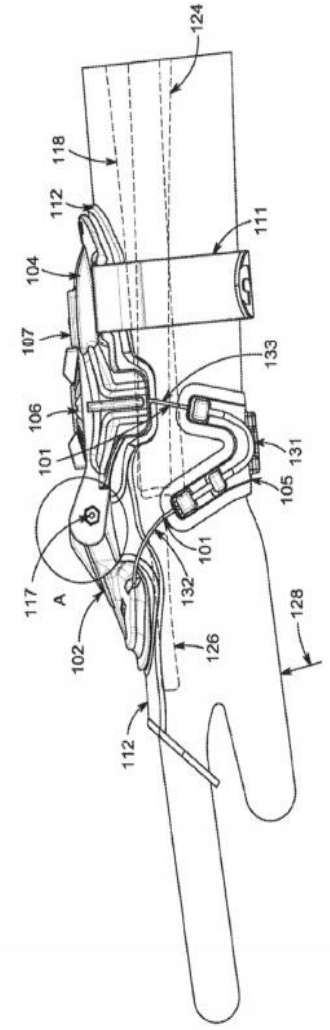
21: 2022/12938. 22: 2022/11/29. 43: 2023/05/08
51: H02J; H02K
71: ZONBOR TECHNOLOGIES (PTY) LTD
72: BORRILL, Sean David, ZONDI, Mondli Goodman
33: ZA 31: 2021/10301 32: 2021-12-13
54: AUXILIARY POWER SUPPLY AND GENERATION SYSTEM
00: -
The invention provides an auxiliary power supply and generation system comprising two battery systems connected to an external power supply, a variable frequency drive for converting single phase power from the battery systems to three-phase power, a three-phase motor connected to the inverter, an alternator connected to the motor and to both a load to be supplied and the battery systems and a switching and sequencing arrangement configured to facilitate charge of the battery systems using external power, when available, or to initiate a two part auxiliary power supply and generation cycle when external power is unavailable, wherein the first battery system powers the motor and the alternator charges the second battery system while supplying the load during the first part, and vice versa during the second part. The cycle is repeated until the external power supply becomes available, the battery systems are depleted, or the system is manually deactivated.



21: 2022/13012. 22: 2022/11/30. 43: 2023/06/27
51: A61C
71: VP INNOVATO HOLDINGS LTD.
72: VERGOULLIS, Ioannis, PAPADOPOULOS, Georgios
33: GR 31: 20200100312 32: 2020-06-04
54: SCAN POSTS SYSTEM AND METHOD
00: -
The invention provides a scan posts system (100) with scan posts (10). Each scan post (10) comprises a scan post core (1) and a scan post body (2) surrounding the core (1) and resting in the shoulder (13) of the core (1), wherein at least part of the scan post body (2) is intended to be in contact with healing tissue. Each scan post body (2) belongs to a group of scan post bodies comprising at least a combination of two different shapes with three different sizes and at least one height. Each scan post body comprises at least one scan mark (4) suitable for providing information about the shape, size and height of the scan post to a scanning device (64), this information being useful for designing a dental implant prosthesis. The invention also provides a method of manufacturing a dental implant prosthesis using such a system.



21: 2022/13043. 22: 2022/12/01. 43: 2023/06/05
51: A61F
71: MOBIUS TECHNOLOGIES, LLC
72: FLEMING, Darren
33: US 31: 16/436,786 32: 2019-06-10
54: CABLE BRACE SYSTEM
00: -
It is the object of the invention to provide a bracing system that bolsters the body's natural ligaments to reduce the proneness to injury or re-injury. The invention is a cable system that acts much like the body's natural ligaments, and that resists the forces that cause excessive joint movement and injury. As the ligament travels through the range of motion the control loops formed by cables provide external hyperextension, bending, and rotation support.



21: 2022/13161. 22: 2022/12/05. 43: 2023/05/10
51: E05B
71: CISA S.p.A.
72: FABBRI, Matteo, FERRI, Giovanni, TALAMONTI, Enzo
54: LOCK AND RELATED KEY
00: -
A lock (1) and related key (2) which comprise a stator (3) within which a rotor (4) can rotate, said rotor being provided with a longitudinal slot (5) within which respective pins (6, 7) are substantially mutually opposite. The slot (5) is adapted for the insertion of the key (2) which is provided with a seat (8) for accommodating a respective freely orientable lever (9), which is adapted to actuate the pins (6, 7). The freely orientable lever (9) of the key (2) comprises a substantially flattened free end (10) the thickness of which is less than that of the key (2): the

free end (10) is provided with at least one contoured protruding band (13) at one of the side edges of at least one of its faces. The longitudinal slot (5) of the rotor (4) comprises, at its end portion, a pit (14) for the temporary accommodation of a respective contoured protruding band (13) of the key (2). The stator (2) and the rotor (3) comprise radial holes (15, 16) which define, in a configuration of mutual alignment, a conduit that faces the side surface of the longitudinal slot (5): the conduit accommodates elastic means (17), a respective counterpin (18), and a pin (19) which is adapted to abut against a side edge (20) of the key (2).

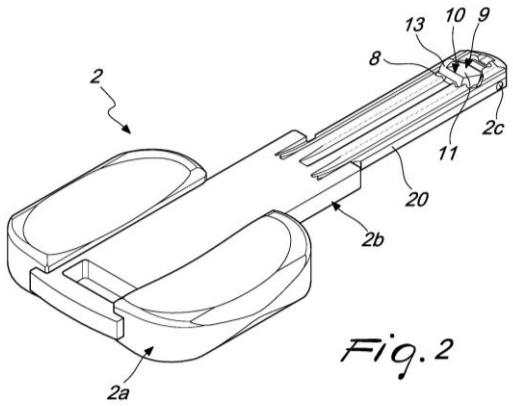


Fig. 2

21: 2022/13261. 22: 2022/12/07. 43: 2023/06/28
51: B65D
71: OROFINO PHARMACEUTICALS GROUP SRL
72: OROFINO, Ernesto
33: IT 31: 102020000014743 32: 2020-06-19
54: PRE-PACKAGED LIQUID CONTAINER AND CORRESPONDING DEVICE
00: -
Pre-packaged liquid container (400) to be used in a device (1000) for the administration of a liquid comprising: • a container upper portion (410) with a container upper wall extending from a first container upper portion base to a second container upper portion base, the container upper portion (410) being configured to contain a basic liquid, and wherein: • said container upper wall comprises, close to said second container upper portion base, a container upper portion thread (412); • said second container upper portion base comprises a mechanically breakable container upper portion membrane (416). The invention also relates to the device which uses the pre-packaged container and the method of use of the device with the pre-packaged container.

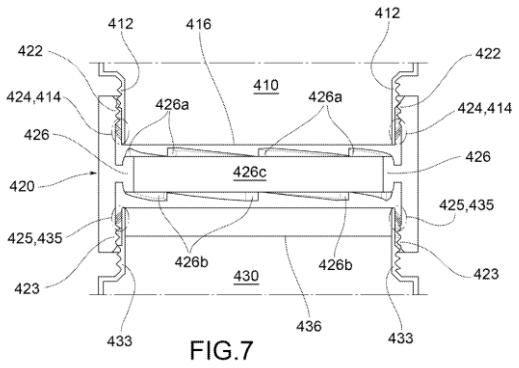
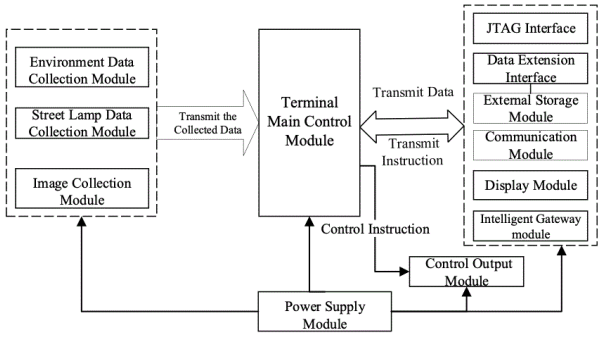
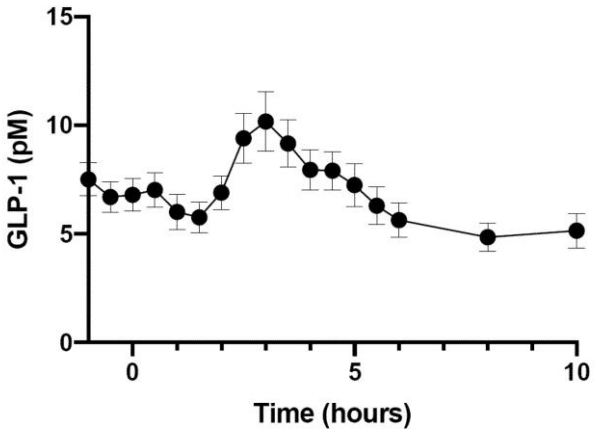


FIG.7

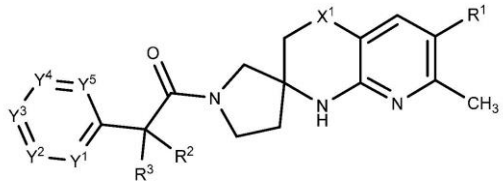
21: 2022/13409. 22: 2022/12/12. 43: 2023/06/19
51: H05B
71: Central China Normal University, Wuhan Redbirdedu Technology Co., Ltd.
72: Wu Yanwen, Ma Yanmei, Sun Hanyuan, Du Yuming, Shi Jiahao, Han Yuan, Hu Xi, Xiong Peng, Xiong Xujie, Chen Meiyi
33: CN 31: 2022230118426 32: 2022-11-11
54: INTELLIGENT CAMPUS STREET LAMP CONTROL DEVICE
00: -
Disclosed is an intelligent campus street lamp control device, comprising a street lamp set module, a terminal main control module and a power supply module. The power supply module provides power supply for the terminal main control module and the street lamp set module. The street lamp set module is connected to the terminal main control module and performs bi-directional communication. The street lamp set module implements the collection of street lamp data, display of environmental quality, and collection of image data. In addition to improving the energy-saving efficiency of the campus street lamp, the disclosure can also realize automatic fault detection, thereby providing assistance for campus security and campus informatization.



21: 2022/13412. 22: 2022/12/12. 43: 2023/06/19
51: A61K; A61P
71: APHAIA IP AG
72: BOLZ, Steffen-Sebastian, DEUSCH, Kai
54: PHARMACEUTICAL COMPOSITIONS CONTAINING ENTEROKINE-RELEASING SUBSTANCES IN MULTIPLE DOSAGE FORMS IN COMBINATION WITH GELLING AGENTS
00: -
The present invention relates to pharmaceutical compositions and pharmaceutical articles comprising such compositions wherein the compositions comprise multiple dosage forms each comprising a core and an enteric coating, wherein the core comprises at least one compound stimulating enteroendocrine cells to release at least one enterokine, wherein the size of the dosage forms, with respect to the largest dimension of the dosage forms, provides for entry of the dosage forms into the intestine of a subject independent of gastric emptying mechanisms, and wherein the composition further comprises one or more gelling agents. The invention also relates to the treatment and/or prevention of conditions amenable to stimulation of enterokine release by enteroendocrine cells.



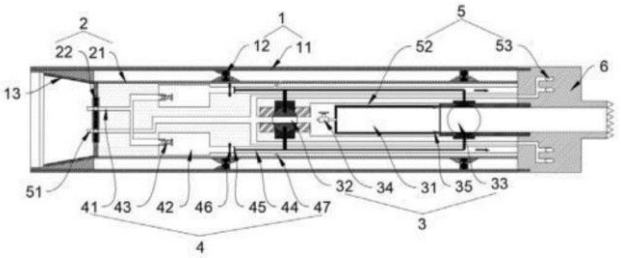
21: 2022/13427. 22: 2022/12/12. 43: 2023/05/11
51: A61K; A61P; C07D
71: Pfizer Inc.
72: BUTLER, Christopher Ryan, GARNSEY, Michelle Renee, OGILVIE, Kevin Alexander, POLIVKOVA, Jana, SAMMONS, Matthew Forrest, SMITH, Aaron Christopher, YANG, Qingyi
33: US 31: 63/036,798 32: 2020-06-09
54: SPIRO COMPOUNDS AS MELANOCORTIN 4 RECEPTOR ANTAGONISTS AND USES THEREOF
00: -
Described herein are compounds of Formula I and their pharmaceutically acceptable salts, wherein R^1, R^2, R^3, X^1, Y^1, Y^2, Y^3, Y^4 and Y^5 are defined herein; their use as MC4R antagonists; pharmaceutical compositions containing such compounds and salts; the use of such compounds and salts to treat, for example, cachexia, anorexia, or anorexia nervosa; and intermediates and processes for preparing such compounds and salts.



(I)

21: 2022/13461. 22: 2022/12/13. 43: 2023/07/03
51: E21B
71: Guizhou Mine Safety Scientific Research Institute Co., Ltd.
72: ZHAO, Xun, LI, Hongsheng, LIU, Baisong, DUAN, Zhengpeng, LI, Xing
33: CN 31: 2022101224593.0 32: 2022-02-10
54: LOW-TEMPERATURE SEALED COAL CORE DRILLING DEVICE OF UNDERGROUND COAL MINE AND METHOD THEREOF
00: -
The present disclosure discloses a low-temperature sealed coal core drilling device of an underground

coal mine and a method thereof, belonging to the technical field of coal core drilling. The device comprises an outer cylinder assembly, wherein an inner cylinder assembly is rotatably installed in the outer cylinder assembly, a collecting assembly is fixedly installed at one end of the inner cylinder assembly, a water supply assembly is rotatably installed at one end of the inner cylinder assembly, a cooling assembly is rotatably installed at one end of the inner cylinder assembly, and a drill bit assembly is fixedly installed one end of the outer cylinder assembly. When in use, a coal bed is cooled down through a liquid nitrogen nozzle, and after being cooled, the coal bed is cut by the drill bit assembly. The small-diameter drill bit enables the coal sample to enter a collecting chamber.



21: 2022/13500. 22: 2022/12/13. 43: 2023/06/20
51: A61K; A61P
71: FELICAMED BIOTECHNOLOGY CO., LTD.
72: KANG, Di, LI, Danni, LIN, Xingyu, LU, Tingting
33: CN 31: 202010547186.8 32: 2020-06-16
54: USE OF COMPOUND IN PREVENTING AND/OR TREATING PATHOGEN INFECTION IN ANIMALS
00: -
Disclosed is use of a compound in preventing and/or treating pathogen infection in animals. The compound is 4-(3-(((2-amino-5-(2-(1-methylpiperidin-4-yl)thiazol-5-yl)pyridin-3-yl)oxy)methyl)phenyl)-2-methylbut-3-yn-2-ol, having a structure of formula I below. The compound can effectively treat diseases (such as feline infectious peritonitis) caused by pathogen (especially virus, such as coronavirus) infection in animals, improves the survival conditions of the animals, and has better commercial value and application prospect in the field of veterinary anti-pathogen (especially virus, such as coronavirus) therapies.

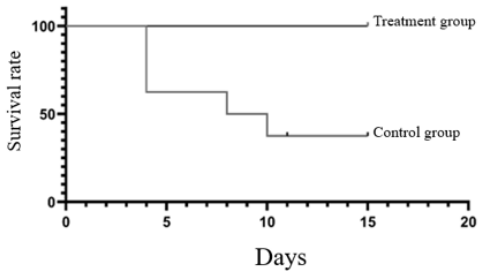
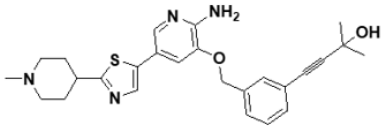
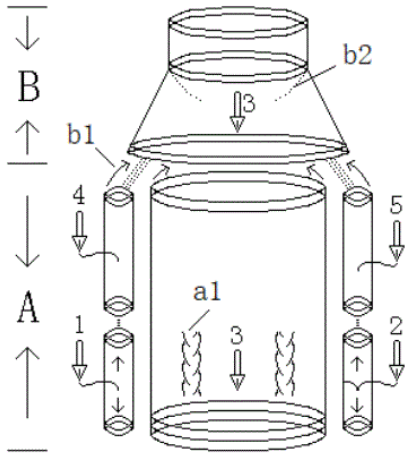


FIG. 2

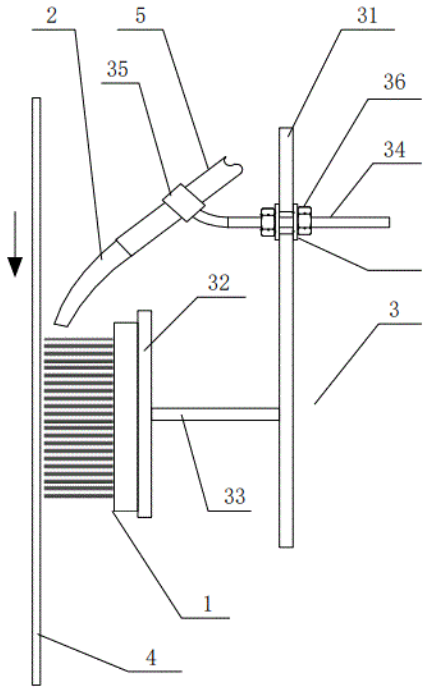


(I)

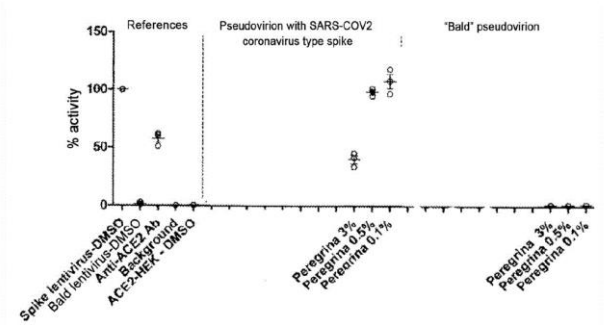
21: 2022/13537. 22: 2022/12/14. 43: 2023/06/20
51: D04B
71: INNER MONGOLIA KING DEER CASHMERE CO., LTD
72: Xinquan WANG, Ruilan DONG, Hui DING, Jiancheng QIAO, Jianli GUO
33: CN 31: 202110843057.8 32: 2021-07-26
54: PROCESS OF KNITTING WHOLE GARMENT BY ALTERNATED STITCH TECHNIQUE
00: -
The present invention discloses a process of knitting a whole garment by an alternated stitch technique including knitting a cylindric air layer as a base weave construction by alternated stitches, knitting areas of a left sleeve, a right sleeve and a bodice in accordance with different yarn guides, respectively, combining the left sleeve and the right sleeve with the bodice over armholes by a stitch reducing technique, and forming a front neck in a deep stitch ceasing no-knitting manner, thereby completing the knitting of the whole garment. According to the present invention, knitting of a seamless whole garment can be realized using a double-needle plate computerized flat knitting machine by a multi-gauge alternated stitch technique.



21: 2022/13538. 22: 2022/12/14. 43: 2023/06/20
51: D01G
71: INNER MONGOLIA KING DEER CASHMERE CO., LTD
72: Jiancheng QIAO, Hui DING, Xinquan WANG, Ruilan DONG, Jianli GUO
33: CN 31: 202110838813.8 32: 2021-07-23
54: SELF-CLEANING DEVICE FOR BELTS OF ROVING CARDING MACHINE AND ITS METHOD OF USE
00: -
Disclosed is s a self-cleaning device for belts of a roving carding machine, including at least two cleaning units that are arranged on both sides of the belts. The cleaning units each include a brush, a fluff suction nozzle and a support. The brush and the fluff suction nozzle are fixed onto the support, the brush faces toward the belts of the roving carding machine, a front end of the fluff suction nozzle is behind the brush, and a rear end of the fluff suction nozzle is connected to a scrap wool reclaiming pipeline of the carding machine. Further disclosed is a method of using the self-cleaning device for belts of a roving carding machine. According to the present invention, the belts may be cleaned continuously, thereby eliminating influences on roving quality, as well as breakage of roving yarns, due to dirty belts or fluff stuck on the belts.

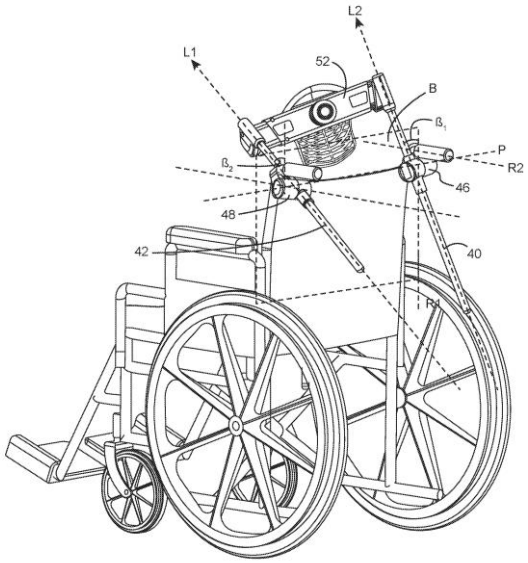


21: 2022/13539. 22: 2022/12/14. 43: 2023/05/11
51: A61P A23L A61K A61Q
71: AGENCE FRANCAISE POUR LE DEVELOPPEMENT D'AL ULA
72: DODINET, Elizabeth, BOURGETEAU, Vincent
33: FR 31: FR2005426 32: 2020-05-21
54: PROTEIN HYDROLYSATE OF MORINGA PEREGRINA SEED CAKE FOR ITS APPLICATION AS A MEDICAMENT, PROCESS FOR OBTAINING SAME AND PHARMACEUTICAL AND DERMATOLOGICAL COMPOSITIONS
00: -
The invention relates to a process for obtaining a particular protein hydrolysate of Moringa peregrina seed cake. The invention also relates to a protein hydrolysate of Moringa peregrina seed cake and to its use as a medicament. Finally, the invention relates to a pharmaceutical or dermatological composition, comprising, as an active agent, an effective amount of a protein hydrolysate of Moringa peregrina seed cake for its use as a medicament for treating fibrotic diseases and treating inflammation, treating cancer, treating infectious diseases of the bacterial or viral type and treating genetic drift as well as pathologies associated with skin pigmentation.



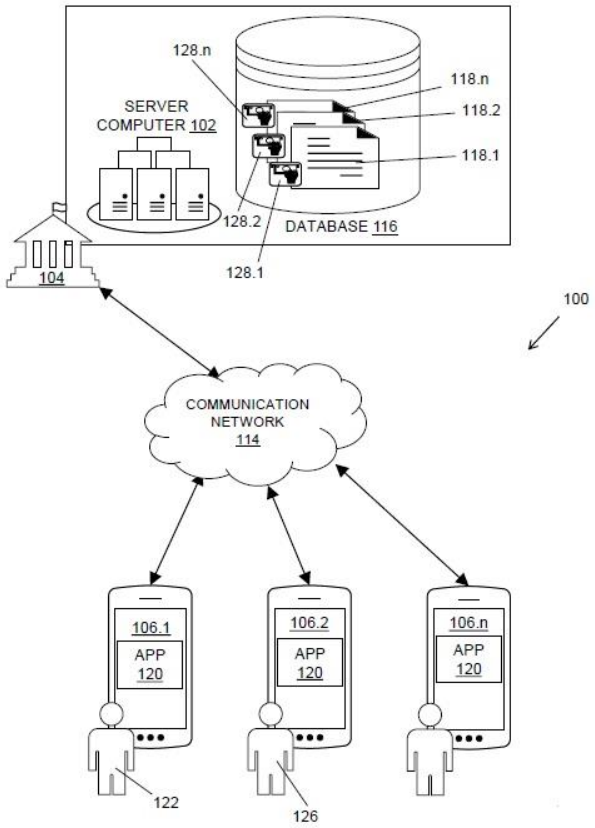
21: 2022/13541. 22: 2022/12/14. 43: 2023/05/09
51: C01B A61K B01J C03B C09C
71: EVONIK OPERATIONS GMBH
72: GIESSELER, Mareike, GOLCHERT, Rainer, MÜHLIG, Nina, LYGIN, Alexander, AUL, Wolfgang, RENGER, Tobias, TONTRUP, Christoph
33: EP 31: 20176242.4 32: 2020-05-25
54: SILICA GRANULES FOR THERMAL TREATMENT
00: -
The invention provides fumed silica granules having a BET surface area of 20 m^2/g to 500 m^2/g; a number average particle size d_{50} of 350 µm to 2000 µm; a span $(d_{90}-d_{10})/d_{50}$ of particle size distribution of 0.8 – 3.0; a bulk density of more than 0.35 g/mL; a pore volume for pores > 4 nm of not more than 1.5 cm^3/g, process for its preparation and use thereof as a catalyst carrier, a carrier for liquid substances, in cosmetic applications, for thermal insulation, as pharmaceutical excipient, in producing thermally treated silica granules, as an abrasive, as a component of a silicone rubber.

21: 2022/13554. 22: 2022/12/14. 43: 2023/06/20
51: A47C; A61G
71: HEADOVATIONS LTD
72: COHEN GAZIT, Ben, SHAHAM, Kalman, LIBRUS, Michael
33: IL 31: 275441 32: 2020-06-17
54: HEAD SUPPORT ASSEMBLY AND HEAD SUPPORT UNIT
00: -
According to an aspect of the presently disclosed subject matter, there is provided a head support assembly attachable to a seat comprising a right frame member and a left frame member. The head support assembly comprising: a right support post and a left support post; a right coupler and a left coupler, articulatable respectively to the right frame member and to the left frame member, and configured for independently arresting the right support post and the left support post, respectively, in a manner facilitating tilting the support post at least partially about a pitch axis extending between the right coupler and the left coupler; and a head support unit articulable to a right top portion of the right support post and to a left top portion of the left support post. The head support assembly of the first aspect is configured to be attached to any seat having right and left frame members, and the head support unit thereof is configured to be mounted to a head of a user seated on the seat for providing support to the head and preventing the head from being tilted forwardly and/or downwardly. In some cases, the head support unit can have a support body which is configured with a front portion to which a head restraint is attachable. In such cases, the head restraint is configured for providing improved head and neck support to a user while seated in the seat.

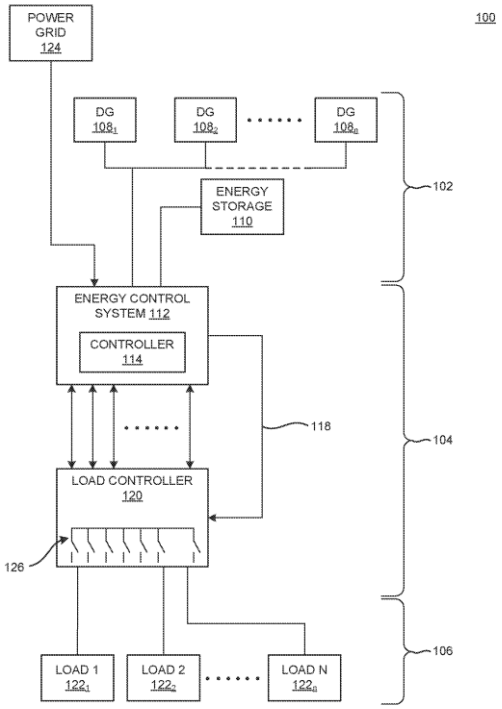


21: 2022/13589. 22: 2022/12/15. 43: 2023/06/19
51: G06Q
71: WOLFF, Alan
72: WOLFF, Alan
54: SOCIAL NETWORKING SERVICE SYSTEM AND METHOD
00: -
A system and method for a social networking service is provided. The method may include receiving a first action message associated with a first user identifier linked to a first user record maintained by a social networking service platform. The first action message may be associated with an action executed

by or on a first user on a social networking service. The first action message may trigger a transfer of value from one or both of the first user record and a second user record. The method may include, in response to receiving a transfer instruction from the first user, updating the first user record and transmitting an amount, associated with the first user record, to a third party platform to initiate a transfer of the amount to a third party account record.



21: 2022/13598. 22: 2022/12/15. 43: 2023/06/22
51: H02J
71: ENPHASE ENERGY INC
72: BELUR, Raghuveer R.
33: US 31: 63/033,201 32: 2020-06-01
54: LOAD DETECTION AND PRIORITIZATION FOR AN ENERGY MANAGEMENT SYSTEM
00: -
A method and apparatus for detecting and prioritizing loads comprising a load analyzer configured to receive at least one load monitoring signal from at least one channel, where each channel is configured to be coupled to at least one load, and analyze at least one load signature derived from the at least one load monitoring signal to detect a load type that is connected to the at least one channel and assign an energy consumption priority to the at least one load.



21: 2022/13622. 22: 2022/12/15. 43: 2023/06/19
51: E01B
71: MATISA MATERIEL INDUSTRIEL S.A.
72: PILLER, Marco, PILET, Jacques, SAVOYAT, Marc-Antoine, STUPAR, Milan, MUNDT, Alain
33: FR 31: 2007219 32: 2020-07-08
54: METHOD FOR RENEWING RAILS OF A RAILWAY TRACK WITH NEW LONG RAILS, AND ASSOCIATED WORK TRAIN
00: -
Disclosed is a method for renewing old rails (21) of a railway track (20) in which, during a first phase (A), new long rails (22) are unloaded along the railway track (20) from a set of transport wagons (120) of a work train (100) travelling in a first direction of travel (F1) and, during a second phase (B), the work train travels in a second direction of travel (F2) opposite the first direction of travel (F1), the new long rails (22) being placed on then fastened to a fixed structure (23) of the railway track (20) during the second phase (B); and a work train designed to implement the method for renewing old rails (21).

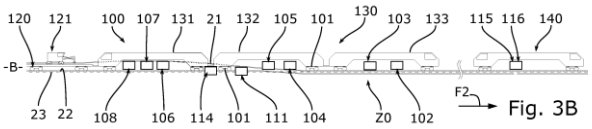
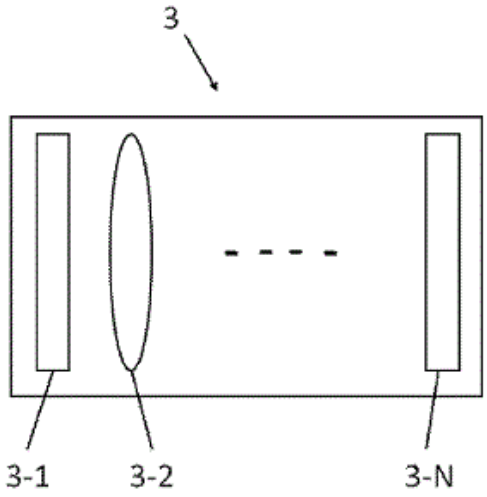
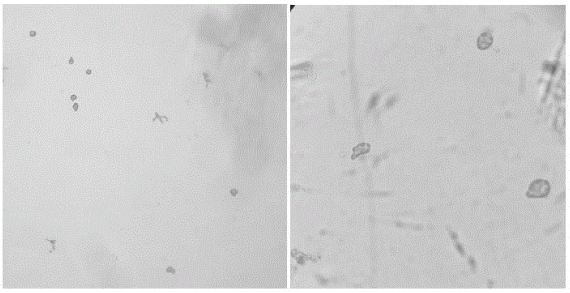


Fig. 3B

21: 2022/13763. 22: 2022/12/20. 43: 2023/05/02
51: G02B
71: SCOPGENX PRIVATE LIMITED
72: MEVADA, Jayeshkumar, Sevantilal, PANDIT, Aniruddha, Bhalchandra
33: IN 31: 202021003723 32: 2020-06-28
54: INBUILT MICROSCOPY WITH LIGHT GUIDING ELEMENTS FOR SMARTPHONE AND OTHER DEVICES
00: -
The present subject matter described an optical microscopy device (3) for a portable imaging system, such as a smartphone. The optical microscopy device (3) comprises an optical lens assembly with eight to fifteen lens elements. The optical lens assembly has an optical magnification in a range of about 1X to about 7.8X, an airy radius in a range of about 3 micron to about 23.25 micron, a depth of field in a range of about 20 micron to about 338 micron, a numerical aperture in a range of about 0.015 to about 0.115, a half field of view in a range of about 12 degrees to about 30 degrees, and a length in a range of about 6.5 millimeter (mm) to about 57 mm.

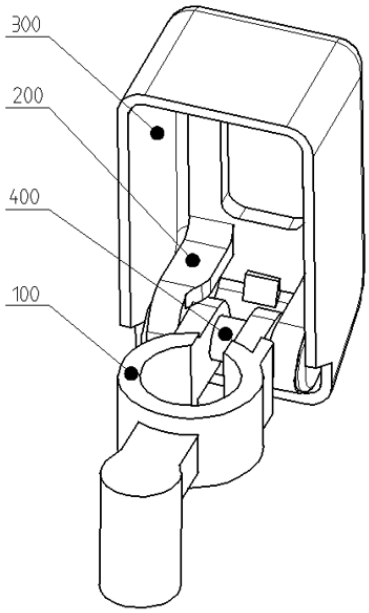


21: 2022/13936. 22: 2022/12/22. 43: 2023/07/03
51: A01G
71: Ludong University
72: CUI, Cuiju
54: MACROALGAL GERMPLASM DISINFECTANT AND COLLECTION METHOD THEREFOR
00: -
The present invention provides a macroalgal germplasm disinfectant and a collection method therefor, and belongs to the technical field of alga breeding. According to the present invention, a disinfect prepared by combining rifampicin and ciprofloxacin is screened, which can thoroughly disinfect macroalgae in various sea areas without affecting the germination activity of sporangia. The method provided by the present invention reduces a pollutant bacteria source in germplasm preservation from a source where germplasms are collected.

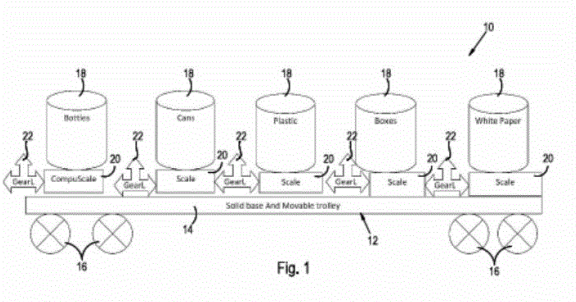


21: 2022/13974. 22: 2022/12/22. 43: 2023/05/10
51: H01M; H01R
71: CHANGCHUN JETTY AUTOMOTIVE TECHNOLOGY CO., LTD.
72: WANG, Chao
33: CN 31: 202021561663.8 32: 2020-07-31
54: STORAGE BATTERY BOLT TERMINAL
00: -
A storage battery bolt terminal, related to the technical field of automobile electric appliance connection including a terminal (100), which includes a storage battery post connecting unit (101). Compressible units (102) are provided on two sides of an opening end of the storage battery post connecting unit (101). A cable connecting unit (104) is provided in another opening end of the storage battery post connecting unit (101). The storage battery bolt terminal further includes a gland (200) with a pressing unit (201), and one side of the gland (200) is provided with a rotating unit (202), wherein the compressible unit (102) is rotatably connected to the rotating unit (202), and the rotating unit (202) is provided with a locking unit (203). The storage battery bolt terminal is convenient to operate and high in working efficiency, tool-free disassembly and

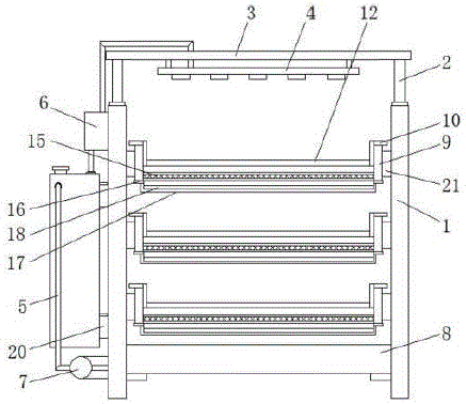
assembly are achieved on the connection of the storage battery post, a bolt tightening tool is omitted, the application is flexible, and the mounting cost is reduced.



21: 2023/01573. 22: 2023/02/08. 43: 2023/05/05
51: B65D
71: MATTHEWS, David, MATTHEWS, Andrew Abel
72: MATTHEWS, David
33: ZA 31: 2021/10820 32: 2021-12-23
54: MOBILE RECYCLING ARRANGEMENT
00: -
A mobile recycling arrangement is provided comprising a mobile base frame arrangement comprising a base mounted on a plurality of wheels; a plurality of receptacles into which a particular category of recyclable material can be accommodated for subsequent disposal; and weighing means for weighing the amount of recyclable material within each receptacle. In use, prior to collection of the recyclable material within one or more of the receptacles, the mobile base frame arrangement can be readily moved to a collection point, and the weight of the recyclable material being collected can readily be determined using the weighing means, either for general record keeping or to secure a credit, refund or any other type of monetary value for the amount of recyclable material being collected.



21: 2023/01625. 22: 2023/02/09. 43: 2023/07/03
51: A01G; B01D
71: Jiangxi Gaotian Ecological Agriculture Technology Co., Ltd.
72: WU, Jiawei, WAN, Zhenlong, LI, Qianqian
33: CN 31: 202210157347.1 32: 2022-02-21
54: SEEDLING RAISING APPARATUS FOR RICE PLANTING
00: -
Disclosed is a seedling raising apparatus for rice planting. The apparatus includes a supporting frame, where supporting columns are rotationally mounted, a transverse plate is mounted, a spraying pipe is mounted by means of positioning rods, a water storage tank is arranged, a water pump is in communication with the water storage tank, and a right side of the water pump is fixedly mounted on the left side of the supporting frame. According to the present invention, cultivation plates are designed to be of an assembly type; when top seedlings are transplanted, vertical plates can be dismounted and moved out of positioning frames for transplanting; and after leaking downwards, water is filtered by filter screens to be used by bottom seedlings and collected by a water collecting tank to be recycled, such that the cultivation quality is improved while water resources are saved on.



21: 2023/01626. 22: 2023/02/09. 43: 2023/07/03
51: C12R
71: Moutai Institute, Chengdu Baolu Biotechnology Co., Ltd.
72: ZHENG, Yuxi

54: PREPARATION OF EXTREME MONASCUS-FERMENTED PRODUCT OF SORGHUM AND APPLICATION THEREOF IN SKIN CARE

00: -

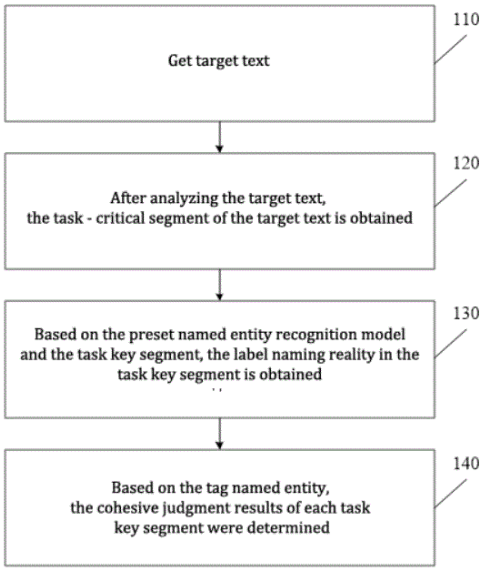
The present invention discloses preparation of an extreme monascus-fermented product of sorghum, comprising a fermented product. The preparation comprises S1: sporepreparation. The present invention further discloses an application of the extreme monascus-fermented product of sorghum in skin care. A fermented filtrate serves as an active ingredient in an external preparation for skin. The present invention produces the monascus-fermented product of sorghum by taking a raw material of Maotai spirit: Hongyingzi organic sorghum as a raw material. The product is rich in various metabolites beneficial to skin, has a better inhibitoryeffect to various indexes such as skin melanin generation, microecological imbalance of skin, skin allergy, skin inflammation, skin barrier damage, loss of skin elasticity and skin wrinkle generation induced by light aging, and can be regarded as a safe and excellent skin care product raw material.

21: 2023/01703. 22: 2023/02/10. 43: 2023/07/07
51: G06F
71: SHENZHEN URBAN PUBLIC SAFETY AND TECHNOLOGY INSTITUTE
72: Dayong Xu, Qingrui Yue, Huichun Jiang, Gansu Shen, Yu Qin, Fang Dong, ShuFeng Xi, Zhongqi Shi, Jun Ling
33: CN 31: 202210919249.7 32: 2022-08-02

54: TEXT COHESION JUDGMENT METHODS, DEVICES, ELECTRONIC EQUIPMENT AND STORAGE MEDIA

00: -

The application relates to the field of computer technology, in particular to a text cohesion judgment method, device, electronic equipment and storage medium. The method includes: Obtaining the target text, analyzing the target text, obtaining the task key segment of the target text, obtaining the label naming entity in the task key segment based on the preset named entity recognition model and the said task key segment, and determining the cohesion judgment result between each task key segment based on the label naming entity. After locking the task key segments, the label naming entities in the task key segments are further obtained, and the cohesion between the task key segments is calculated by using these label naming entities. It can be clear in a text, each language period of cohesion relationship. In addition, we can fully judge whether the plan of the later text in the text can solve the problems in the previous text, which improves the work efficiency.

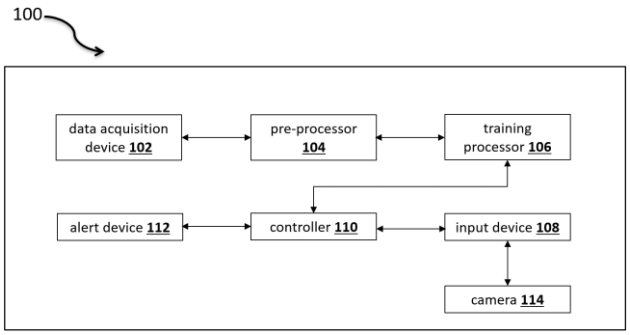


21: 2023/02826. 22: 2023/02/27. 43: 2023/05/17
51: G06N
71: Central University of Punjab, Akal University, Guru Kashi University
72: Satwinder Singh, Jasvinder Singh Bhatti, Parneet Kaur, Gurpreet Kaur, Aquib Azhar

54: A CONVOLUTIONAL NEURAL NETWORK-BASED SYSTEM FOR FACE MASK DETECTION

00: -

The system comprises a data acquisition device(102) collecting a plurality of facial images with and without mask and collecting a pretrained version of the network preferably a Keras library built in python and is user-friendly API for artificial neural networks implementation; a pre-processor(104) for removing noise from the plurality of facial images and splitting into the ratio of 60:40 in training data and testing data respectively; a training processor(106) for receiving training data and configured with a 53 layers deep convolutional neural network for: training an open CV face detector built on the SSD and is based on the ResNet-10 architecture; training a pre-trained MobileNetV2 classifier; an input device(108) interfaced with a camera(114) for receiving a real time image captured from the camera(114); and a controller(110) for classifying the facial image of the real time capture image into facial image with mask or without mask using the pre-trained MobileNetV2 classifier.



21: 2023/02849. 22: 2023/02/27. 43: 2023/06/26

51: C01B

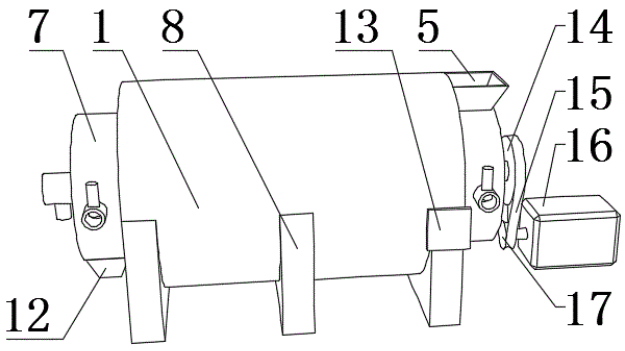
71: Bozhou University

72: Yan Aolei, Xu Juan, Guo Hui, Ma Wanlu, Meng Qinglin

54: AN INTELLIGENT OXYGEN-CONTROLLED BIOCHAR PREPARATION DEVICE

00: -

The patent of the present invention discloses an intelligent oxygen-controlled biochar preparation device, comprising a heat-conducting inner box, an insulated outer box running through and fixedly connected between the outer walls of the left and right parts of said heat-conducting inner box, a hollow tube running through and rotating between the middle of the left and right ends of said heat-conducting inner box, a ventilation hole running through and provided in the middle of said hollow tube, an exhaust pipe running through and fixedly connected to the left and right sides of the front side of said heat-conducting inner box, an exhaust pipe running through and fixedly connected to the bottom of said insulated outer box. The bottom part is fixedly connected with an evenly distributed fixed base. In the patent of the invention, the gas inside the heat-conducting inner box is firstly extracted from the exhaust duct by an extraction device, then the oxygen concentration in the gas is detected by an oxygen sensor, when the oxygen concentration is greater than the threshold value, the valve for conveying inert gas is controlled to open through the control panel, then the inert gas is conveyed to the hollow tube through a rotary joint and discharged from the vent hole, so that the oxygen inside the heat-conducting inner box is pushed out by the inert gas to achieve the intelligent oxygen control. The inert gas is then delivered to the hollow tube through the rotary joint and discharged through the vent hole, so that the oxygen inside the heat-conducting inner box is pushed out by the inert gas, achieving the purpose of intelligent oxygen control.



21: 2023/02850. 22: 2023/02/27. 43: 2023/06/26

51: C03B

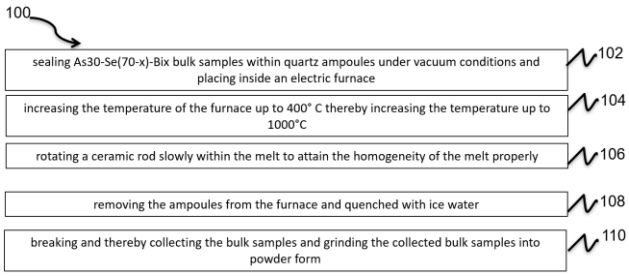
71: Dr Dipankar Biswas, Dr. Loitongbam Surajkumar Singh, Mr. Bidyut Kumar Ghosh, Dr. Abhijit Biswas, Mr. Pabitra Maji, Rittwick Mondal, Dr. Sonjoy Mondal, Dr. Chiranjib Chakrabarti, Mr. Arpan Mandal, Mr. Souvik Brahma Hota

72: Dr Dipankar Biswas, Dr. Loitongbam Surajkumar Singh, Mr. Bidyut Kumar Ghosh, Dr. Abhijit Biswas, Mr. Pabitra Maji, Rittwick Mondal, Dr. Sonjoy Mondal, Dr. Chiranjib Chakrabarti, Mr. Souvik Brahma Hota, Mr. Arpan Mandal

54: A METHOD FOR SYNTHESIZING BI-INCORPORATED AS30-SE(70-X)-BIX CHALCOGENIDE GLASSES BY DEPLOYING THE CONVENTIONAL MELT QUENCHING METHOD

00: -

The present invention generally relates to a method for synthesizing Bi-incorporated As30-Se(70-x)-Bix chalcogenide glasses by deploying the conventional melt quenching method comprises sealing As30-Se(70-x)-Bix bulk samples within quartz ampoules under vacuum conditions and placing inside an electric furnace; increasing the temperature of the furnace up to 400° C thereby increasing the temperature up to 1000°C; rotating a ceramic rod slowly within the melt to attain the homogeneity of the melt properly; removing the ampoules from the furnace and quenched with ice water; and breaking and thereby collecting the bulk samples and grinding the collected bulk samples into powder form.

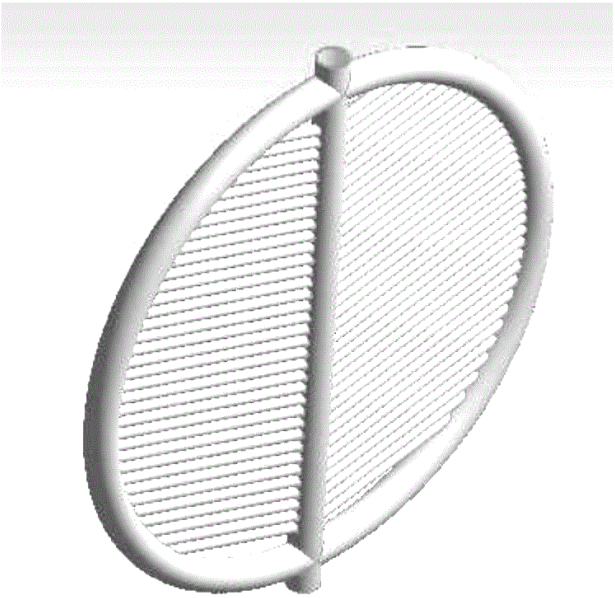


21: 2023/02855. 22: 2023/02/27. 43: 2023/06/26
51: F24S
71: DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, HAVALDAR, Sanjay Narayan, MALAPUR, Harsh Vishwanath, KULKARNI, Kaustubh Ganesh
72: KULKARNI, Kaustubh Ganesh, HAVALDAR, Sanjay Narayan, MALAPUR, Harsh Vishwanath

54: A CIRCULAR SOLAR RECEIVER

00: -

The present invention relates to a circular solar receiver. A concentrated solar power (CSP) is a cutting-edge method of conserving renewable energy.The solar central receiver is the most crucial part in solar tower power plants. This analysisstudied the solar radiation heat transfer efficiency, temperature distribution, and fluid outlettemperature; pressure and velocity distributions for the design. It was found that the circularsolar receiver design helped achieve a higher rise in temperature of the heat transfer fluid(HTF) as compared with other designs for same surface area and strength of beam radiations.Following invention is described in detail with the help of Figure 1 of sheet 1 illustrates the Orthogonal view of circular solar receiver.



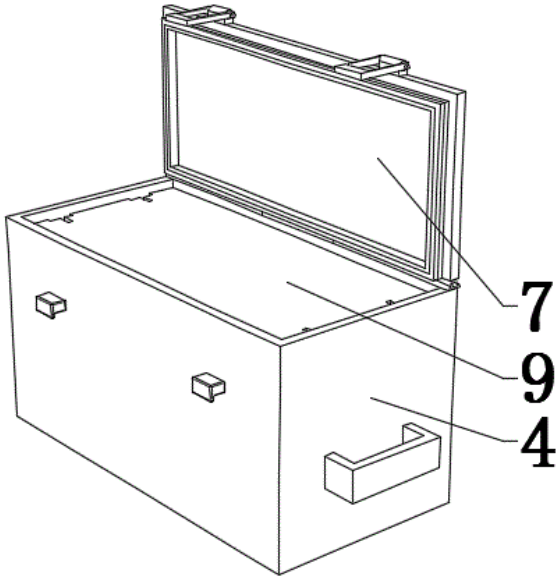
21: 2023/02856. 22: 2023/02/27. 43: 2023/06/26
51: B65D
71: Jiangsu College Of Safety Technology
72: Zhang Kesheng, Lu Zhaohuai, Chen Lei, Zhang Yongying, Ding Zihan

54: A DEVICE FOR STORING PHYSICAL ELECTRONIC EXPERIMENTAL INSTRUMENT

00: -

A device for storing physical electronic experimental instrument is provided in the invention, comprising a box body, the inner bottom of which is fixedly connected with first spring dampers distributed evenly; A base plate is fixedly connected between the top of the first spring dampers, and a partition board is arranged on the direct above of the base plate; The left and right parts of the top of the base plate and partition board are fixedly connected with storage boxes, the inner bottom of which are provided with second foam pads; Instruments run through and are provided on the middle of the top of the second foam pads; Two telescopic rods are fixedly connected to the middle of the left and right sides of the base plate and the box cover. In the invention, by storing desiccant in desiccant storage box first, a small amount of moisture of the moist air entered the box is not completely absorbed. Through

matching between sealing rubber ring in the outer side wall of the flange bar and the inner wall of the box body, the storage device is sealed well to avoid the instruments to be eroded by moist air.

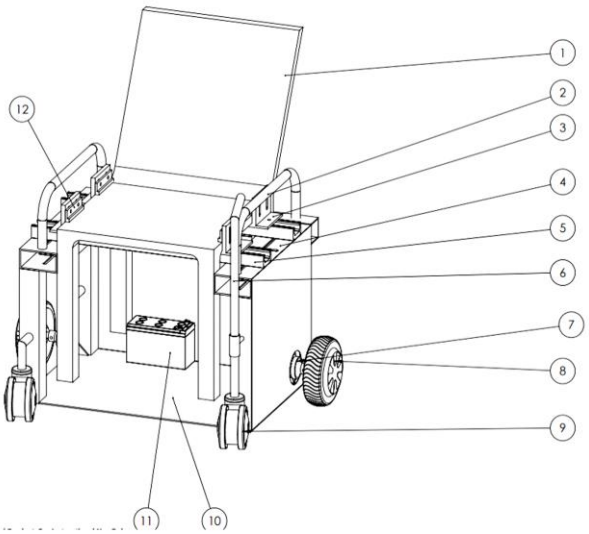


21: 2023/02857. 22: 2023/02/27. 43: 2023/06/26
51: A61G
71: DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, SONAWWANAY, Puskaraj D., BOKIL, Pratik Niranjan, CHOPDA, Chirag Anand, SAYYED, Maaz Iqbal, KANDULNA, Xavier
72: SONAWWANAY, Puskaraj D., BOKIL, Pratik Niranjan, CHOPDA, Chirag Anand, SAYYED, Maaz Iqbal, KANDULNA, Xavier

54: A MECHANISM FOR AN E-MOTORIZED WHEELCHAIR

00: -

The present invention relates to modular and adaptable mechanism for an e-motorized wheelchair. The present innovation's prime focus is to make the electric wheelchair technology affordable, ease of operation for the humanity. A modular wheelchair with detachable seat mechanisms makes this design stand apart. All kinds of chairs or seats can be fitted into this product. Hub motor is mounted on the rear wheel with wire connection with the battery pack which is mounted on the rear. Battery pack is portable and can be charged using laptops as well. The power taken in from the battery moves the wheelchair with steering column attached with the castor wheels to steer with ease.



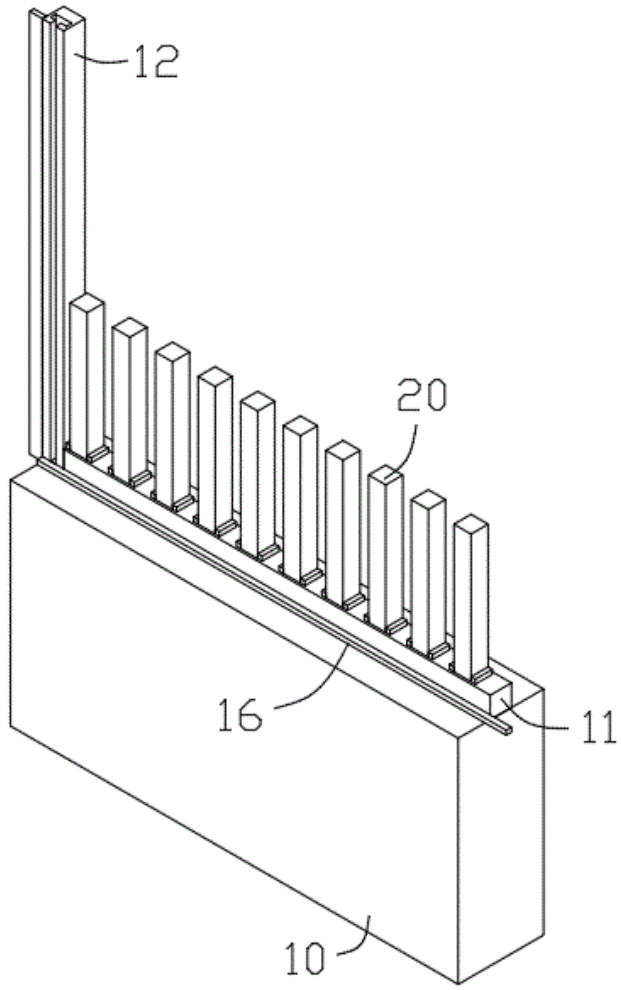
21: 2023/02858. 22: 2023/02/27. 43: 2023/06/26
51: G09B
71: Huainan Normal University
72: Wang suxia, Huo yuhong

54: DISTRIBUTION DEMONSTRATION DEVICE FOR LARGE DATA ANALYSIS OF FINANCIAL MATHEMATICAL MODELING

00: -

The invention discloses a distribution demonstration device for big data analysis of financial mathematical modeling, which comprises a rectangular support seat, wherein the support seat is provided with a transverse plate and a vertical plate, the transverse plate and the vertical plate are vertically arranged, the support seat is connected with a plurality of columns through an adjusting component, and the columns penetrate through the support seat and the transverse plate to be connected with the transverse plate in a sliding manner. The adjusting component comprises a rectangular groove arranged on the supporting seat, and the rectangular groove is communicated with the outside. According to the invention, the column objects which can be lifted are arranged, the height of each column object can represent each corresponding numerical value, and a teacher can adjust the height of each column object to generate a dynamic histogram; in addition, rubber bands are arranged among the column objects, so that a dynamic discounting diagram can be generated while the dynamic histogram is formed, and the discounting diagram is different from a static data diagram of a textbook and an electronic display screen, Through intuitive experience, it is

easier for students to accept unfamiliar and abstract concepts.

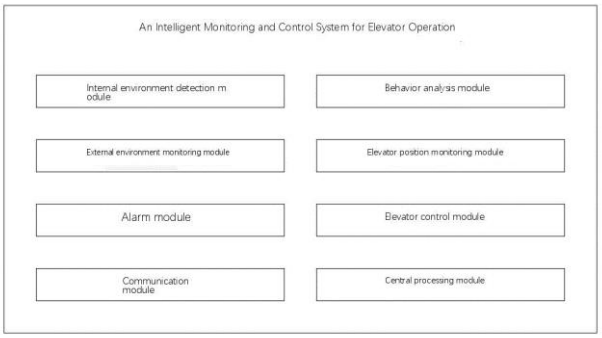


21: 2023/02859. 22: 2023/02/27. 43: 2023/06/26
51: B66B
71: Jiangsu College Of Safety Technology
72: Yin Tian, Wang Ming

54: LEVATOR OPERATION INTELLIGENT MONITOR CONTROL SYSTEM

00: -

The invention provides an intelligent monitoring and control system for elevator operation, and relates to the field of elevator operation. The intelligent elevator operation monitoring control system comprises an internal environment detection module, a behavior analysis module, an external environment monitoring module, an elevator position monitoring module, a warning module, an elevator control module, a communication module and a central processing module. The smoke and flame in the elevator are monitored by an elevator internal monitoring unit and a smoke detection unit in an internal environment detection module; when someone smokes in the elevator, the smoke alarm unit and the fire source alarm unit in an alarm module firstly warn the smoker; and when the smoker continuously warns, The elevator is sent to the nearest floor through an elevator distance detection unit, an elevator reaction control unit and an elevator operation control unit in an elevator control module, and the elevator door is controlled through an elevator door control unit, so that the elevator door cannot be closed; and when the cigarette is smoked out or extinguished, the elevator door is closed, and the elevator operates normally.



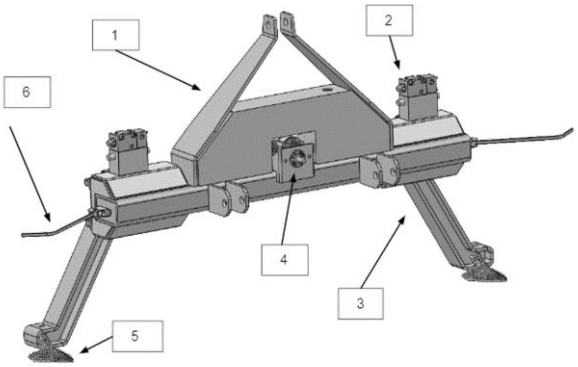
21: 2023/02860. 22: 2023/02/27. 43: 2023/06/26
51: A01C
71: DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, KATKADE, Pratik Ravindra, JOSHI, Nikhil Anantrao, SONAWWANAY, Puskaraj D.
72: KATKADE, Pratik Ravindra, JOSHI, Nikhil Anantrao, SONAWWANAY, Puskaraj D.

54: PLOUGH FOR TILLING OF COMPLEX AREAS IN BETWEEN PLANTS OF VINEYARDS

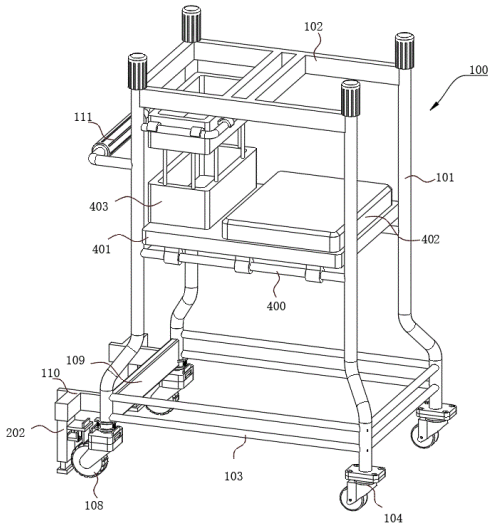
00: -

The present invention relates toplough for tilling of complex areas in between plants of vineyards. Plough design development has been done. This is an attempt to build and analyze a plough for a grape farm's complex terrain. Ploughing, which splits the top layer of soil, and mechanical weed elimination are two of the most basic tasks performed by farmers. Traditional plough designs were inefficient in covering complex regions, especially in grape vineyards. This innovation details the design of a plough mounted on a farming tractor. The primary goal of the design is to cover difficult areas in grape farms, which are generally gaps between two successive plants that aren't tilled by traditional

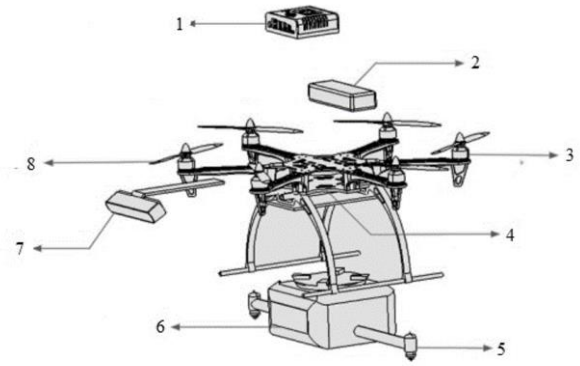
plough designs. The optimized design is capable of Ploughing and weeding in complex areas of the farm by using a flexible plough arm on both sides working on an innovative mechanism thus providing aeration to the roots and being cost-efficient. This invention is described in detail with the help of Figure 1.



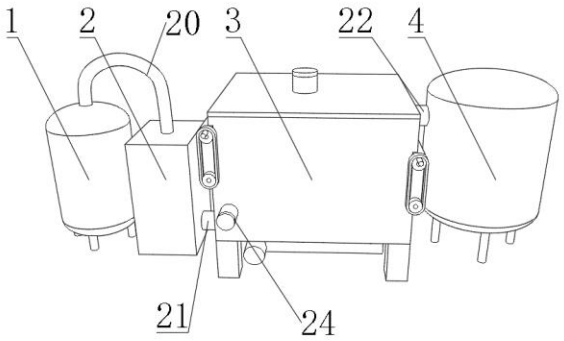
21: 2023/02861. 22: 2023/02/27. 43: 2023/06/26
51: G08B
71: Nanyang First People's Hospital
72: Cui Jianlei
33: CN 31: 202310036013.3 32: 2023-01-06
54: AN ANTI-FALLING DEVICE
00: -
The anti-fall device comprises a frame body, wherein that frame body consist of four support rods, the top of the frame body is fixedly connected with a stabilizing rod, and the bottom of the frame body is fixedly connected with a frame. By arrange a handrail, when in use, an osteoporosis patient can put both hands on the handrail when walking with resistance, The frame body can provide downward support force for that upper body of the patient, the arrange universal wheels and the wheel hub can facilitate the patient to push the frame body to move, the frame body can provide a part of support force for the patient so as to achieve the effect of assisting the walking of the patient, The body of the patient tilts backward and the hub continues to slide on the ground to cause the patient to fall backward, thereby achieving the effect of preventing the patient from falling when the patient walks with the help of the frame body.



21: 2023/02862. 22: 2023/02/27. 43: 2023/06/26
51: B64C
71: DR.VISHWANATH KARAD MIT WORLD PEACE UNIVERSITY, PATIL, Rajesh Vinayak
72: PATIL, Rajesh Vinayak
54: REAL TIME SURVEILLANCE HEXACOPTER FOR DETECTION AND MONITORING OF COVID-19 OPERATIONS
00: -
The present invention relates to design of real time surveillance hexacopter for detection and monitoring of covid-19 operations. The proposed hexacopter mainly focuses on covid-19 or another influenza virus pandemic. This work covers real-time system sanitization, social distance monitoring, and face mask detection for COVID-19 operations. The proposed system includes an artificial intelligence model for data collection, preprocessing, statistical visualization, sharing, and decision making. The design of surveillance hexacopter for detection and monitoring of covid-19 operations. Illustrated in figure 1.



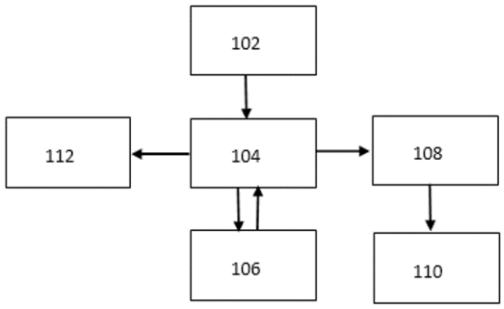
21: 2023/02863. 22: 2023/02/27. 43: 2023/06/26
51: C02F
71: Yancheng Teachers University
72: Tao Weihua, Tao Ye, Zhao Weiwei, Wu Xiankun
33: CN 31: 202310141776.4 32: 2023-02-21
54: APPARATUS FOR TREAT PRINTING AND DYE WASTEWATER BY OZONE OXIDATION
00: -
The invention discloses a device for treating printing and dyeing wastewater by ozone oxidation, which comprises a reaction tank, wherein the middle position of the top of the left side of the reaction tank is penetrated and fixedly connected with a collecting pipe; the bottom position of the inner wall of the reaction tank is penetrated and fixedly connected with an evenly distributed air outlet pipe; and the bottom position of each air outlet pipe is penetrated, fixedly connected with a connecting pipe, An air distribution pipe penetrates through and is fixedly connected with the left side of the connecting pipe, an ozone pipe penetrates through and is fixedly connected with the middle part of the left side of the air distribution pipe, an ozone generator is fixedly connected to the left part of the ozone pipe, and an oxygen pipe penetrates through, is fixedly connected to the middle part of a top of the ozone generator. In the invention, firstly, when the ozone is sprayed out from the air outlet pipe, the path of the ozone is planned by the wave plate, so that the ozone can be prevented from directly floating upwards, thereby prolonging the contact time of the ozone and waste water and improving the utilization rate of the ozone.



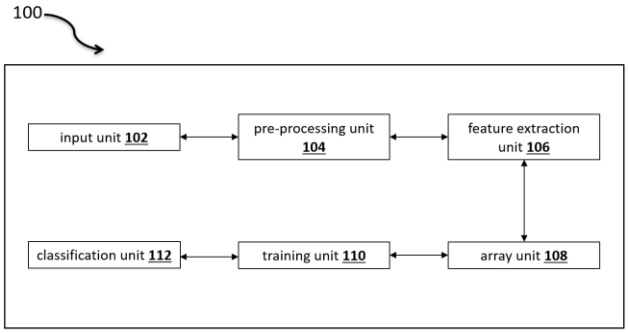
21: 2023/02883. 22: 2023/02/27. 43: 2023/06/27
51: A61K
71: WEST ANHUI UNIVERSITY
72: JIANG, Xueping, CHEN, Naifu, HAN, Bangxing, YING, Fenglan, ZHANG, Sibo, QIAN, Zhenzhen, ZHAO, Yanli, WANG, Zhennan
33: CN 31: 202210557970.6 32: 2022-05-19
54: STACHYS AND DENDROBIUM COMPOUND ORAL LIQUID AND THE PREPARATION METHOD
00: -
The invention discloses a Stachys and Dendrobium compound oral liquid and its preparation method, wherein the Stachys and Dendrobium compound oral liquid comprises the following components in percentage by mass: 5-20g of Stachys, 2-10g of Dendrobium, 2-10g of Chinese date, 1-5g of Tuckahoe, 1-4g of Chinese yam, 1-5g of dried orange peel, 1-5g of Bacillus licheniformis powder and 1-5g of Bifidobacterium powder. The Stachys comprise dried rhizome and fresh rhizome of Stachys, and that Dendrobium comprise Dendrobium huoshanense and Dendrobium officinale. Compared with a pill, the Dendrobium oral liquid is easy to be absorbed by a patient and easy to take. The Dendrobium oral liquid mainly invigorate qi and strengthens the spleen, with the effects of regulating qi, promoting digestion, moistening the intestines and relaxing the bowels, and is used for conditioning weakness of the spleen and the stomach and constipation due to spleen deficiency; Stachys can lower qi, kill grains and eliminate food; Dendrobium can tonify five internal organs due to consumptive disease and thicken the intestines and the stomach; The dry and light tasted Tuckahoe can invigorate the spleen and remove edema, benefits qi and calm the nerves to stop diarrhea; Chinese yam can tonify spleen and supplement qi; Chinese date harmonizes the spleen and stomach to promote

transportation and transformation; The formula is mainly medicinal and edible Chinese medicinal materials without any additives, and on the basis of retaining the characteristics of traditional Chinese medicine decoction, it plays a synergistic role matched with probiotics.

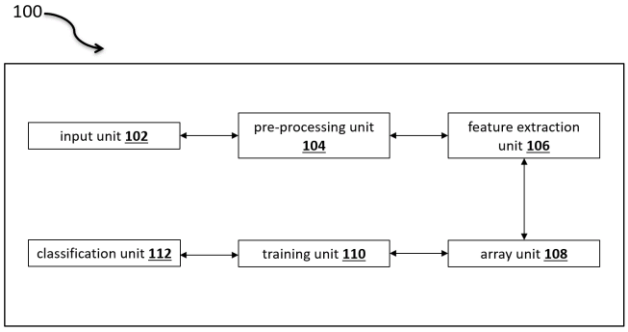
21: 2023/03125. 22: 2023/02/28. 43: 2023/05/26
51: G06F
71: PRADHAN, Vidya S., HAQUE, Abdul Jaleel Abdul, SHAIKH, J. D., FAROOQUI, Mazahar Ahmad
72: PRADHAN, Vidya S., HAQUE, Abdul Jaleel Abdul, SHAIKH, J. D., FAROOQUI, Mazahar Ahmad
54: A FLEXIBLE IMAGING DEVICE FOR FISH DISEASE DETECTION
00: -
The present invention discloses a device capable of acquiring images of small objects like small body part of fish or other animals in general. The design of the imaging device is flexible in the sense that with minor modifications it can be coupled to a microscope to capture images of minute objects at higher resolution and vivid colors. The images so obtained from biological objects like diseased organs of fish can be saved for further use and analysis. The actual size of the organ and the portion that got affected under diseased condition can quantitatively be estimated by counting the number of pixels in the affected region and the rest of the part. A picture file so obtained contains information of Dots Per Inch (DPI), using this information and other details like magnification etc. the actual size can be quantitatively being estimated. The device disclosed in the present invention makes use of optical camera module using high quality lenses arranged in short focus configuration to enable imaging of small objects. The optical image formed by the lenses as made incident on a photosensitive substrate with 640 x 480 pixels. This resolution is sufficient for the present application, however in the event of requirement of a higher resolution the imaging module can be replaced by one with higher capabilities with or without modification of circuit. The imaging module provides a data stream representing the colored image of the object in front of the lens. To capture the actual image in a standard picture format microcontroller development board is used. This will contain the programs controlling information on how to capture the image and where to store it for further use. A micro SD card is interfaced to this microcontroller based development board.



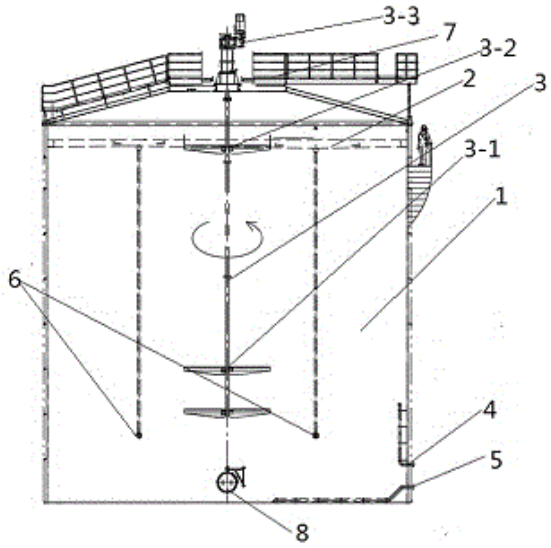
21: 2023/03218. 22: 2023/02/28. 43: 2023/05/29
51: G06N
71: Dr. Lavanya Madhuri Bollipo, NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR
72: Dr. Lavanya Madhuri Bollipo
54: AN ACCURATE DEEP LEARNING SYSTEM TO PREDICT COVID-19 DISEASE FROM LUNG CT IMAGES
00: -
The system comprises an input unit (102) for receiving Lung CT image dataset based on Covid-19 and normal lungs; a pre-processing unit (104) for removing noise, optimizing and converting RGB color format to grayscale format thereby reading input image from the drive to numpy array and normalizing the image by dividing the matrix into 255 pixel ratio; a feature extraction unit(106) having a plurality of matrices for extracting a set of features; an array unit(108) for storing the set of features; a training unit(110) for training a Hybrid Deep Learning Model (HDLM), wherein the HDLM is integrated with CNN, Support Vector Classifier and the XG Boost classification models; and a classification unit(112) interfaced with the HDLM for classifying a patient lung CT image into Covid-19 or normal lung upon receiving the patient lung CT image from a medical computing device thereby predicting the Covid-19 disease from the Lung CT images.



21: 2023/03218. 22: 2023/02/28. 43: 2023/05/29
51: G06N
71: Dr. Lavanya Madhuri Bollipo, NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR
72: Dr. Lavanya Madhuri Bollipo
54: AN ACCURATE DEEP LEARNING SYSTEM TO PREDICT COVID-19 DISEASE FROM LUNG CT IMAGES
00: -
The system comprises an input unit (102) for receiving Lung CT image dataset based on Covid-19 and normal lungs; a pre-processing unit (104) for removing noise, optimizing and converting RGB color format to grayscale format thereby reading input image from the drive to numpy array and normalizing the image by dividing the matrix into 255 pixel ratio; a feature extraction unit(106) having a plurality of matrices for extracting a set of features; an array unit(108) for storing the set of features; a training unit(110) for training a Hybrid Deep Learning Model (HDLM), wherein the HDLM is integrated with CNN, Support Vector Classifier and the XG Boost classification models; and a classification unit(112) interfaced with the HDLM for classifying a patient lung CT image into Covid-19 or normal lung upon receiving the patient lung CT image from a medical computing device thereby predicting the Covid-19 disease from the Lung CT images.



21: 2023/04101. 22: 2023/04/03. 43: 2023/06/02
51: C12M
71: BEIJING GEOENVIRON ENGINEERING & TECHNOLOGY, INC
72: DU, GANG, ZHEN, SHENGLI, QI, CHANGQING, CHEN, JUN, CHEN, YU, YANG, QINGBIN, NI, ZHE
33: CN 31: 202110265780.2 32: 2021-03-11
33: CN 31: 202120520057.X 32: 2021-03-11
54: ORGANIC WASTE ANAEROBIC REACTOR
00: -
An organic waste anaerobic reactor, comprising a reactor tank body (1), a central stirrer (3) and a residue trap (2). The residue trap (2) surrounds the upper part of the inner wall of the reactor tank body (1) and is inclined in the circumferential direction. The lowest end of the residue trap (2) is connected to a top discharge port (6). The upper part of the reactor tank body (1) is circularly provided with multiple flushing pipes (10) which correspond to the residue trap (2). The lower part of the reactor tank body (1) is provided with multiple bottom residue outlets (9). The side wall of the reactor tank body (1) is provided with a feed inlet (4) and a bottom discharge outlet (5). A feed pipe passes through the feed inlet (4) and is vertically inclined inward at a certain angle in the reactor tank body (1). The central stirrer (3) is arranged inside the reactor tank body (1), and comprises a first blade (3-1) below the liquid level for stirring the material and a second blade (3-2) at the liquid level for cleaning scum.



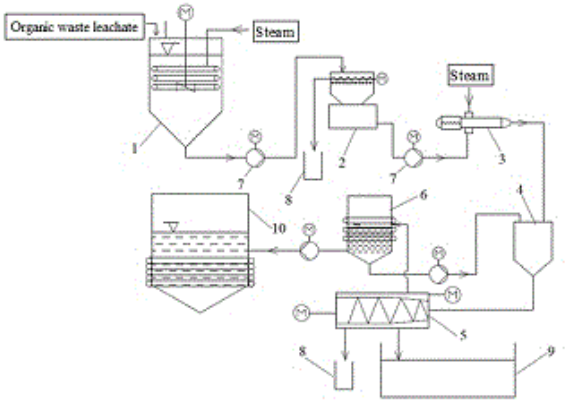
21: 2023/04102. 22: 2023/04/03. 43: 2023/06/02
51: C11B; C02F
71: BEIJING GEOENVIRON ENGINEERING & TECHNOLOGY, INC

72: DU, GANG, ZHEN, SHENGLI, QI, CHANGQING, CHEN, JUN, CHEN, YU, YANG, QINGBIN, NI, ZHE
33: CN 31: 202120469717.6 32: 2021-03-04
33: CN 31: 202110240863.6 32: 2021-03-04

54: GREASE EXTRACTION DEVICE FOR ORGANIC WASTE LEACHATE AND EXTRACTION PROCESS

00: -

A grease extraction device for an organic waste leachate and an extraction process. The extraction device comprises: a leachate receiving device, an impurity removal machine, a pipeline heater, a buffer tank, a horizontal centrifuge, and an oil-water separator which are connected in sequence. A residue outlet of the impurity removal machine and a residue outlet of the horizontal centrifuge are connected to waste residue barrels; a wastewater outlet of the horizontal centrifuge is connected to a wastewater pool; a grease outlet of the oil-water separator is connected to a crude oil tank; an oil-water outlet of the oil-water separator is connected to the buffer tank.

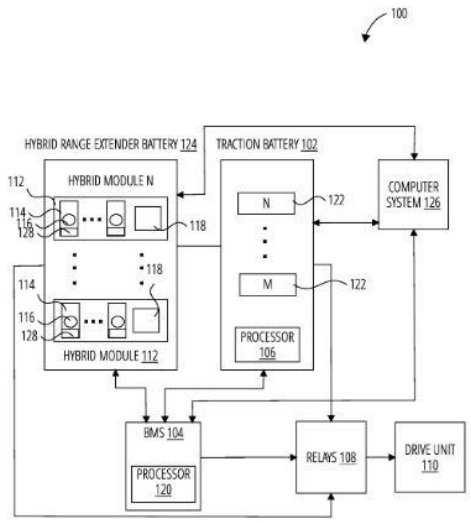


21: 2023/04178. 22: 2023/04/05. 43: 2023/06/05
51: B60L
71: OUR NEXT ENERGY, INC.
72: IJAZ, Mujeeb, MOORHEAD, Brian
33: US 31: 63/089,990 32: 2020-10-09
33: US 31: 63/161,822 32: 2021-03-16

54: SUPPLYING POWER TO AN ELECTRIC VEHICLE

00: -

A power supply system that utilizes a hybrid architecture to enable low cycle-life, high energy density chemistries to be used in rechargeable batteries to extend the range of a traction battery.

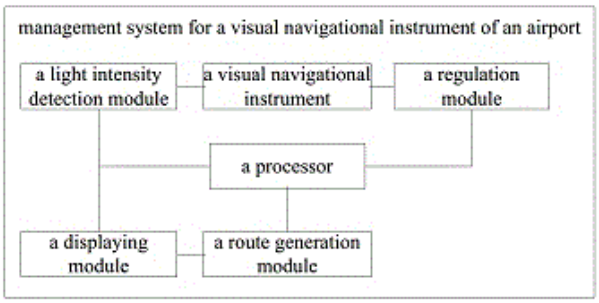


21: 2023/04291. 22: 2023/04/11. 43: 2023/06/02
51: H05B
71: CHINA HARBOUR ENGINEERING COMPANY LTD.
72: SUN, ZHUANG
33: CN 31: 2022110619347 32: 2022-09-01

54: MANAGEMENT SYSTEM AND METHOD FOR A VISUAL NAVIGATIONAL INSTRUMENT OF AN AIRPORT

00: -

The present invention discloses a management system for a visual navigational instrument of an airport, comprising: a light intensity detection module disposed for detecting light intensity data of a visual navigational instrument of an airport; a regulation module applied for regulating light intensity of visual navigational instrument; a route generation module used for generating a new take-off or landing route of aircraft; a displaying module disposed for displaying take-off or landing route of aircraft on an electronic screen; a processor, which is pre-stored with light intensity data of visual navigational instrument, pre-designed take-off or landing route of the aircraft, and a corresponding relationship between them. The present invention can realize real-time light intensity data acquisition and monitoring of visual navigational instrument, and can timely manage the visual navigational instrument and timely adjust working status, and can also determine take-off or landing route to ensure flight safety.

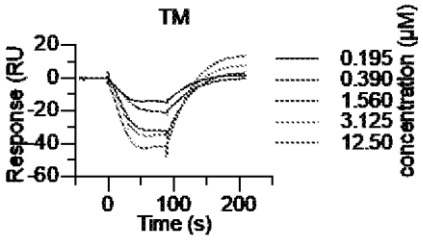


21: 2023/04761. 22: 2023/04/25. 43: 2023/05/16
51: A61K; A61P
71: CHEN, Zhanghui, GAO, Xiangwei, HONG, Yunguang
72: CHEN, Zhanghui, GAO, Xiangwei, HONG, Yunguang
33: CN 31: 202110037295.X 32: 2021-01-12

54: APPLICATION OF TEGASEROD MALEATE IN TREATMENT OF ACUTE MYELOCYTIC LEUKEMIA AND COLORECTAL CANCER

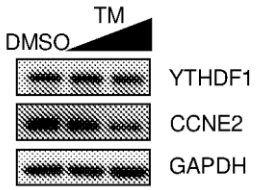
00: -

The present invention relates to the field of molecular biology, and in particular to tumor treatment. Specifically, tegaserod maleate obtained by screening from drugs disclosed in the prior art has an effect of treating acute myelocytic leukemia and colorectal cancer; cytological experiments and animal experiments prove that tegaserod maleate can inhibit the proliferation of acute myelocytic leukemia cell lines and human colorectal cancer cell lines, induce apoptosis and block a cell cycle in a G1 phase; in a mouse model, the survival time of a mouse can be significantly prolonged and the progression of leukemia can be blocked; moreover, it is also found for the first time that by inhibiting the function of m6A recognition protein YTHDF1 in a tumor cell, i.e., blocking the binding of YTHDF1 to an RNA containing an m6A modification, tegaserod maleate can inhibit a translation capability of a downstream key target gene to achieve the described effect.



KD (M)	Rmax (RU)	offset (RU)	Chi² (RU²)
7.993E-7	-33.89	-8.578	1.84

a



b

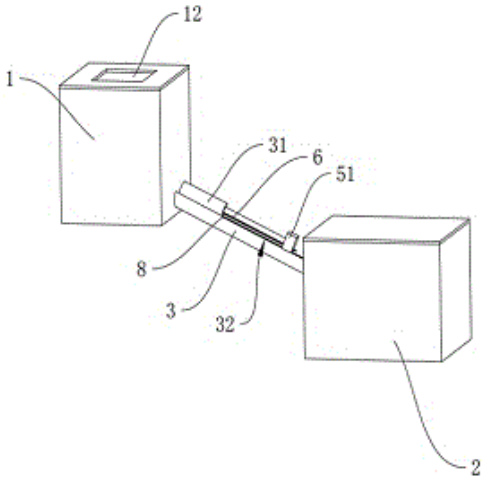
21: 2023/05819. 22: 2023/05/30. 43: 2023/06/29
51: E03B
71: CHINA RAILWAY SIXTH GROUP CO., LTD., CHINA RAILWAY SIXTH GROUP ELECTRIFYING AND POWER ENGINEERING CO., LTD.
72: LIANG, SHUNFA , LI, MINGYUAN, YAO, YUAN , WANG, CHAOZHI, GAO, CHAO, CHEN, SHUANG, XIE, ZHIQIANG , ZHANG, ZHIAN, SU, LIANG, SUN, JIN
33: CN 31: 202211127433.4 32: 2022-09-16

54: TUNNEL FIRE-FIGHTING WATER SUPPLYING SYSTEM

00: -

Disclosed are a tunnel fire-fighting water supplying system belonging to the technical field of tunnel fire-fighting, comprising a high water pond, a fire water pond, a pipe and a filter tank, the high water pond is closed, the high water pond is arranged on a hill, the fire water pond is arranged at the tunnel, the high water pond is arranged higher than the fire water pond, one end of the pipe is fixedly connected with the high water pond while the other end of the pipe is fixedly connected with the fire water pond, the pipe is communicated both with the fire water pond and the high water pond, wherein the filter tank is arranged inside the high water pond, the filter tank is

slidably connected with the high water pond, whose slidable direction extends along a height direction of the high water pond, and the filter tank is configured to filter gravels in water. The present disclosure has a better fire-fighting effect.

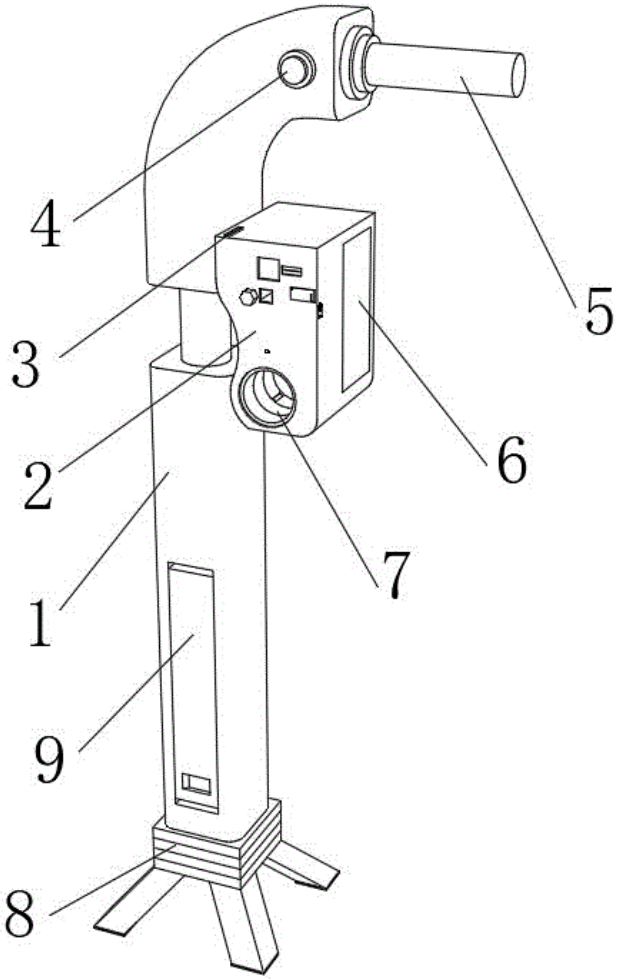


21: 2023/05919. 22: 2023/06/02. 43: 2023/07/07
51: A61B
71: North China University of Science and Technology
72: Lan Guo, Jundong Tang, Zhiyu Zhao, Yuan Yao, Hui Dong, Pengfei Li, Yanming Zhao, Shuai Zhang
33: CN 31: 202210417045.3 32: 2022-04-20

54: THE BLOOD PRESSURE GLUCOSE TESTING EQUIPMENT FOR THE ELDERLY AND TEST METHOD THEREOF

00: -

The invention discloses a blood pressure and blood glucose test device for the elderly and a test method thereof, which relates to the technical field of medical equipment; In order to solve the problem of inconvenient use of equipment; The device comprises a test box fixed on the outer wall of the telescopic crutch through the connecting component, the telescopic crutch is a "L"-shaped structure, one end of the telescopic crutch is fixed connected with a non-slip handle, the bottom end of the telescopic crutch is fixed connected with the shock-proof leg, near the bottom of the telescopic crutch wall is provided with a support stopping mechanism; The testing box is composed of a blood pressure testing institution and a blood glucose testing institution, which includes a sampling component, a testing component and a cleaning component. The test method of the device includes the following steps: Open the hide panel to make the display leak out; Extend your arm within the envelope of the balloon and activate a miniature air pump to inflate it against the blood vessel. While increasing the use function of the device, the invention is convenient for the elderly to carry at any time and convenient for disassembly and assembly.



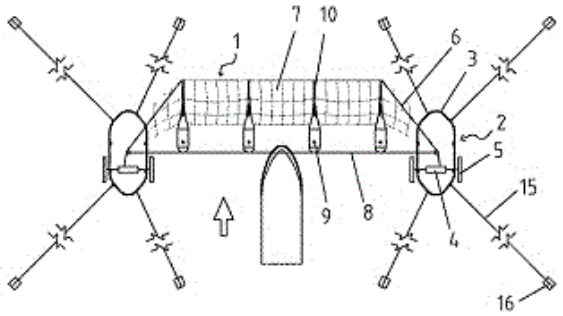
21: 2023/06354. 22: 2023/06/19. 43: 2023/06/29
51: B63B; E02B; E01F
71: NINGBO UNIVERSITY
72: DUAN, GUOXIN, DAI, XIHONG, CHEN, WEI, YANG, LIMING, WANG, YONGGANG, LIU, JUN, DONG, XINLONG
33: CN 31: 202011572893.9 32: 2020-12-25

54: PROTECTION DEVICE FOR INTERCEPTING LARGE MOVING OBJECT ON WATER SURFACE

00: -

A protection device for intercepting a large moving object on water surface, comprising an intercepting

structure (1). Two ends of the intercepting structure (1) are connected to an energy dissipation structure (2). The energy dissipation structure (2) is fixedly connected to the ground. The intercepting structure (1) comprises an intercepting net (7). A trigger cable (8) is provided at the rear end of the intercepting net (7). The trigger cable (8) is connected to the bottom of a plurality of metamorphic floats (9). The straight rod end (10) of the metamorphic float (9) is connected to the front end of the intercepting net (7). The protection device can continuously absorb the movement energy of a ship, and there is no rigid collision between the protection device and a moving ship, such that collision damage to the moving ship is avoided.



HYPOTHECATIONS

No records available

JUDGMENTS

No records available

OFFICE PRACTISE NOTICES

ADVERTISEMENT OF AN AMENDMENT APPLICATION MADE BY TIMRITE (PTY) LTD AND TUFBAG (PTY) LTD. DURING PENDING PROCEEDINGS BEFORE THE COURT OF THE COMMISSIONER OF PATENTS

Vesper Projects (Pty) Ltd instituted proceedings for a declaration of non-infringement against Timrite (Pty) Ltd of 10 Van der Bijl Street, Westonaria, Gauteng, South Africa, and Tufbag (Pty) Ltd of 21 Mzimkhulu Drive, Dube Trade Port, La Mercy, KwaZulu Natal, South Africa, ("the patentees") in respect of South African Patent No. 2010/06044 entitled "*Yielding Mine Support*" ("the patent").

The patentees have applied to the Court of the Commissioner of Patents to amend the patent in terms of Section 51(9) of the Patents Act No. 57 of 1978

The application for amendment is open for inspection at the Patent Office, Block F Entfutfukweni, 77 Meintjies Street, Sunnyside, Pretoria. Copies can also be obtained on request from the Patent Attorneys for the patentee whose address is set out below.

Any interested person wishing to oppose the application for amendment may join in the amendment proceedings by filing a Notice of Intention to oppose the application for amendment within two months from the date hereof. The further proceedings are to be governed by the provisions of Rule 6 of the Uniform Rules of Court.

Address for Service in the Republic:
Adams & Adams Attorneys, Lynwood Bridge, 4 Daventry Street, Lynnwood Manor, Pretoria, Reference: PL2333ZA00 D Dohmen. Email: Danie.Dohmen@adams.africa.

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 2023/06/26 -

A2023/00714 - BATHU SWAG (PTY) LIMITED Class 2. FOOTWEAR AND SOLES FOR FOOTWEAR

F2023/00716 - TEQAL (PTY) LTD Class 09. CONTAINER

F2023/00715 - TEQAL (PTY) LTD Class 09. LID FOR A CONTAINER

. - APPLIED ON 2023/06/27 -

F2023/00718 - MACASKILL, David Lloyd Class 13. PRINTED ELECTRONIC CIRCUIT BOARD

A2023/00719 - WECO (GUANGDONG) ENERGY STORAGE TECHNOLOGY CO., LTD. Class 13. AC/DC POWER STATION

A2023/00717 - William Turner Payne Class 12. MODULAR TRUCK BODY

A2023/00720 - BÜHLER AG Class 31. EXTRUSION SYSTEM

A2023/00721 - BÜHLER AG Class 31. FRAME OF AN EXTRUSION SYSTEM

A2023/00722 - DELTROLUX (PTY) LTD Class 10. ACCESS CONTROL UNIT

. - APPLIED ON 2023/06/28 -

F2023/00726 - DETPAK SOUTH AFRICA Class 7. BLANK FOR A CUP

F2023/00723 - BOSHOFF, George Stott Class 24. MANDIBULAR ADVANCEMENT DEVICE

A2023/00725 - DETPAK SOUTH AFRICA Class 7. CUP

A2023/00724 - BOSHOFF, George Stott Class 24. MANDIBULAR ADVANCEMENT DEVICE

. - APPLIED ON 2023/06/30 -

A2023/00727 - LVMH Swiss Manufactures SA Class 10. WATCHES

. - APPLIED ON 2023/07/03 -

F2023/00732 - ROVIC AND LEERS (PTY) LTD Class 15. SEPARATOR FOR AN AGRICULTURAL MACHINE

A2023/00730 - SUPERCART SOUTH AFRICA (PTY) LTD Class 12. BASKET FOR A TROLLEY

A2023/00731 - ROVIC AND LEERS (PTY) LTD Class 15. SEPARATOR FOR AN AGRICULTURAL MACHINE

A2023/00729 - SUPERCART SOUTH AFRICA (PTY) LTD Class 12. SHOPPING BASKET BODY WALL

A2023/00728 - SUPERCART SOUTH AFRICA (PTY) LTD Class 12. TROLLEY

. - APPLIED ON 2023/07/04 -

F2023/00733 - SLEIPNER FINLAND OY Class 12. TRAILER

. - APPLIED ON 2023/07/05 -

F2023/00734 - ZHEJIANG SIEKON ENERGY STORAGE TECHNOLOGY CO.,LTD. Class 13. ACCUMULATORS, ELECTRIC

A2023/00737 - Crocs, Inc. Class 2. FOOTWEAR

F2023/00735 - ZHEJIANG SIEKON ENERGY STORAGE TECHNOLOGY CO.,LTD. Class 13. ACCUMULATORS, ELECTRIC

A2023/00736 - LVMH Swiss Manufactures SA Class 10. WATCHES

. - APPLIED ON 2023/07/06 -

A2023/00740 - MPACT LIMITED Class 9. BOX

F2023/00739 - ROUX, Petrus Johannes Janse van Rensburg Class 22. CENTRING DEVICES

F2023/00744 - MPACT LIMITED Class 9. BLANK FOR A SLEEVE FOR STACKABLE TRAYS

F2023/00746 - Anthony Class 21. LEARNING BASED GAME

F2023/00743 - MPACT LIMITED Class 9. BLANK FOR A STACKABLE TRAY

F2023/00738 - CEA ELECTRIC CO., LTD. Class 13. PORTABLE POWER STATION

A2023/00742 - MPACT LIMITED Class 9. STACKED TRAY ARRANGEMENT

A2023/00745 - MPACT LIMITED Class 9. STACKABLE TRAY

F2023/00741 - MPACT LIMITED Class 9. BLANK FOR A BOX

. - APPLIED ON 2023/07/07 -

A2023/00748 - AJAX SYSTEMS CYPRUS HOLDINGS LTD Class 13. COVER PLATE FOR SWITCHES

A2023/00753 - Shenzhen SYD Network Technology Co., Ltd Class 13. PORTABLE POWER STATION

A2023/00759 - Shenzhen SYD Network Technology Co., Ltd Class 13. PORTABLE POWER STATION

A2023/00758 - Shenzhen SYD Network Technology Co., Ltd Class 13. PORTABLE POWER STATION

A2023/00750 - AJAX SYSTEMS CYPRUS HOLDINGS LTD Class 13. SOCKET BOX

A2023/00747 - AJAX SYSTEMS CYPRUS HOLDINGS LTD Class 23. ELECTRIC VALVE FOR WATER

A2023/00762 - DOONA HOLDINGS LTD. Class 06. INFANT SAFETY CAR SEAT WITH WHEELS

A2023/00761 - DOONA HOLDINGS LTD. Class 06. INFANT SAFETY CAR SEAT WITH WHEELS

A2023/00751 - AJAX SYSTEMS CYPRUS HOLDINGS LTD Class 13. FRAMES FOR SWITCHES

A2023/00764 - DOONA HOLDINGS LTD. Class 06. INFANT SAFETY CAR SEAT WITH WHEELS

A2023/00756 - Shenzhen SYD Network Technology Co., Ltd Class 13. PORTABLE POWER STATION

A2023/00754 - MPACT LIMITED Class 9. STACKABLE BOX

A2023/00752 - AJAX SYSTEMS CYPRUS HOLDINGS LTD Class 10. HEAT AND CO DETECTOR

A2023/00749 - AJAX SYSTEMS CYPRUS HOLDINGS LTD Class 13. COVER PLATE FOR SWITCHES

F2023/00755 - MPACT LIMITED Class 9. BLANK FOR STACKABLE BOX

A2023/00765 - DOONA HOLDINGS LTD. Class 06. INFANT SAFETY CAR SEAT WITH WHEELS

A2023/00763 - DOONA HOLDINGS LTD. Class 06. DESIGN ARTICLE INFANT SAFETY CAR SEAT WITH WHEELS

A2023/00760 - DOONA HOLDINGS LTD. Class 06. INFANT SAFETY CAR SEAT WITH WHEELS

A2023/00757 - Shenzhen SYD Network Technology Co., Ltd Class 13. PORTABLE POWER STATION

. - APPLIED ON 2023/07/10 -

A2023/00772 - HANGZHOU JICHONGCHONG TECHNOLOGY CO., LTD., ZHEJIANG GEELY HOLDING GROUP CO., LTD. Class 13. PORTABLE POWER SUPPLY

A2023/00777 - HANGZHOU JICHONGCHONG TECHNOLOGY CO., LTD., ZHEJIANG GEELY HOLDING GROUP CO., LTD. Class 13. PORTABLE POWER SUPPLY

A2023/00766 - Bayerische Motoren Werke Aktiengesellschaft Class 12. MOTOR VEHICLES

A2023/00771 - HANGZHOU JICHONGCHONG TECHNOLOGY CO., LTD., ZHEJIANG GEELY HOLDING GROUP CO., LTD. Class 13. PORTABLE POWER SUPPLY

A2023/00767 - HANGZHOU JICHONGCHONG TECHNOLOGY CO., LTD., ZHEJIANG GEELY HOLDING GROUP CO., LTD. Class 13. PORTABLE POWER SUPPLY

A2023/00768 - HANGZHOU JICHONGCHONG TECHNOLOGY CO., LTD., ZHEJIANG GEELY HOLDING GROUP CO., LTD. Class 13. PORTABLE POWER SUPPLY

A2023/00776 - HANGZHOU JICHONGCHONG TECHNOLOGY CO., LTD., ZHEJIANG GEELY HOLDING GROUP CO., LTD. Class 13. PORTABLE POWER SUPPLY

A2023/00774 - HANGZHOU JICHONGCHONG TECHNOLOGY CO., LTD., ZHEJIANG GEELY HOLDING GROUP CO., LTD. Class 13. PORTABLE POWER SUPPLY

A2023/00775 - HANGZHOU JICHONGCHONG TECHNOLOGY CO., LTD., ZHEJIANG GEELY HOLDING GROUP CO., LTD. Class 13. PORTABLE POWER SUPPLY

A2023/00770 - HANGZHOU JICHONGCHONG TECHNOLOGY CO., LTD., ZHEJIANG GEELY HOLDING GROUP CO., LTD. Class 13. PORTABLE POWER SUPPLY

A2023/00769 - HANGZHOU JICHONGCHONG TECHNOLOGY CO., LTD., ZHEJIANG GEELY HOLDING GROUP CO., LTD. Class 13. PORTABLE POWER SUPPLY

A2023/00773 - HANGZHOU JICHONGCHONG TECHNOLOGY CO., LTD., ZHEJIANG GEELY HOLDING GROUP CO., LTD. Class 13. PORTABLE POWER SUPPLY

. - APPLIED ON 2023/07/11 -

A2023/00782 - INFINITE PERIPHERALS, INC. Class 3. CASE

A2023/00781 - ARCHARY, Vijayandren Class 19. BALLOT PAPER

F2023/00780 - POYNTING ANTENNAS (PTY) LIMITED Class 14. ANTENNA ASSEMBLY

F2023/00778 - POYNTING ANTENNAS (PTY) LIMITED Class 14. ANTENNA ASSEMBLY

A2023/00783 - INFINITE PERIPHERALS, INC. Class 3. CASE

F2023/00779 - POYNTING ANTENNAS (PTY) LIMITED Class 14. ANTENNA ASSEMBLY

. - APPLIED ON 2023/07/12 -

A2023/00784 - FEEL GOOD PROPRIETARY LIMITED Class 25. COLLAPSIBLE ENCLOSURES

F2023/00786 - LONGYEAR TM, INC. Class 08. DRILL BIT

F2023/00785 - LONGYEAR TM, INC. Class 08. DRILL BIT

F2023/00787 - LONGYEAR TM, INC. Class 08. DRILL BIT

. - APPLIED ON 2023/07/13 -

A2023/00790 - Flawless Technology Group (Pty) Ltd Class 27. SMOKING DEVICE UPPER BODY

A2023/00791 - Shenzhen OLiPower Energy & Automation Technology Co., Ltd. Class 13. BATTERY CHAMBERS

A2023/00788 - Flawless Technology Group (Pty) Ltd Class 13. SMOKING DEVICE LOWER BODY WITH BATTERY

A2023/00789 - Flawless Technology Group (Pty) Ltd Class 27. SMOKING DEVICE LOWER BODY WITH BATTERY

. - APPLIED ON 2023/07/14 -

A2023/00797 - Leupold & Stevens, Inc. Class 16. SCOPES

A2023/00793 - DART INDUSTRIES INC. Class 9. FLEXIBLE STORAGE BAG

F2023/00794 - PLI ALUMINIUM TECHNOLOGY (PTY) LTD Class 25. LADDER CAP

A2023/00795 - PLI ALUMINIUM TECHNOLOGY (PTY) LTD Class 25. LADDER CAP

A2023/00796 - SMEG S.p.A. Class 7. INDUCTION COOKERS

A2023/00792 - DART INDUSTRIES INC. Class 9. FLEXIBLE STORAGE BAG

. - APPLIED ON 2023/07/18 -

F2023/00810 - STONEAGE, INC. Class 15. DESCALER CLEANER WITH SMOOTH BODY AND FORWARD NOZZLE HEAD

F2023/00812 - STONEAGE, INC. Class 15. UNPLUGGER NOZZLE HEAD

A2023/00813 - STONEAGE, INC. Class 15. DESCALER CLEANER WITH SMOOTH BODY AND FORWARD NOZZLE HEAD

A2023/00803 - STONEAGE, INC. Class 15. DESCALER CLEANER WITH NARROW NOZZLE HEAD

A2023/00805 - STONEAGE, INC. Class 15. UNIVERSAL CLEANER WITH SHORT NOZZLE HEAD

F2023/00806 - STONEAGE, INC. Class 15. UNIVERSAL CLEANER WITH SHORT NOZZLE HEAD

A2023/00808 - STONEAGE, INC. Class 15. DESCALER CLEANER WITH SHORT NOZZLE HEAD AND RAMPED BODY FINS

F2023/00804 - STONEAGE, INC. Class 15. DESCALER CLEANER WITH NARROW NOZZLE HEAD

A2023/00814 - STONEAGE, INC. Class 15. DESCALER CLEANER WITH LARGE NOZZLE HEAD

F2023/00809 - STONEAGE, INC. Class 15. DESCALER CLEANER WITH LARGE NOZZLE HEAD

F2023/00802 - STONEAGE, INC. Class 15. UNIVERSAL CLEANER WITH NOZZLE HEAD AND RAMPED BODY FINS

F2023/00811 - STONEAGE, INC. Class 15. POLISHER NOZZLE HEAD

A2023/00815 - STONEAGE, INC. Class 15. POLISHER NOZZLE HEAD

A2023/00816 - STONEAGE, INC. Class 15. UNPLUGGER NOZZLE HEAD

A2023/00800 - STONEAGE, INC. Class 15. UNIVERSAL CLEANER WITH NOZZLE HEAD AND RAMPED BODY FINS

F2023/00807 - STONEAGE, INC. Class 15. DESCALER CLEANER WITH SHORT NOZZLE HEAD AND RAMPED BODY

F2023/00801 - STONEAGE, INC. Class 15. UNIVERSAL CLEANER WITH NOZZLE HEAD

A2023/00798 - Mountain Falls Estate Proprietary Limited Class 09. WATER BOTTLE

A2023/00799 - STONEAGE, INC. Class 15. UNIVERSAL CLEANER WITH NOZZLE HEAD

. - APPLIED ON 2023/07/19 -

A2023/00817 - Skechers U.S.A., Inc. II Class 2. FOOTWEAR

. - APPLIED ON 2023/07/20 -

F2023/00818 - SANICK JOSEPH MALLUM Class 08. BACKPLATE FOR HANDLE

A2023/00821 - SRNE Solar Co., Ltd Class 13. ENERGY STORAGE SYSTEM

F2023/00819 - SANICK JOSEPH MALLUM Class 08. LEVER HANDLE

A2023/00823 - SRNE Solar Co., Ltd Class 13. ENERGY STORAGE SYSTEM

A2023/00824 - SRNE Solar Co., Ltd Class 13. GRAPHICAL USER INTERFACE FOR DISPLAYING STATUS INFORMATION ON A DISPLAY SCREEN PANEL FOR AN ENERGY STORAGE SYSTEM

A2023/00822 - SRNE Solar Co., Ltd Class 13. BATTERY

A2023/00820 - SRNE Solar Co., Ltd Class 13. ENERGY STORAGE SYSTEM

. - APPLIED ON 2023/07/21 -

A2023/00831 - MUSCO CORPORATION Class 26. LENS

A2023/00829 - MUSCO CORPORATION Class 26. ADJUSTABLE LIGHTING FIXTURE

A2023/00838 - MUSCO CORPORATION Class 26. ADJUSTABLE LIGHTING FIXTURE

A2023/00835 - MUSCO CORPORATION Class 26. ADJUSTABLE LIGHTING FIXTURE

A2023/00828 - MUSCO CORPORATION Class 26. ADJUSTABLE LIGHTING FIXTURE

A2023/00825 - LUMOSS MOULDINGS (PTY) LTD. Class 07. BEVERAGE CONTAINER

A2023/00833 - MUSCO CORPORATION Class 26. LIGHTING FIXTURE

A2023/00837 - MUSCO CORPORATION Class 26. ADJUSTABLE LIGHTING FIXTURE

A2023/00832 - MUSCO CORPORATION Class 26. LENS

A2023/00839 - THEUNISSEN, Nicolaas Jacobus Class 25. BUILDING PANEL

A2023/00826 - MUSCO CORPORATION Class 26. LENS

A2023/00836 - MUSCO CORPORATION Class 26. ADJUSTABLE LIGHTING FIXTURE

F2023/00840 - THEUNISSEN, Nicolaas Jacobus Class 25. BUILDING PANEL

A2023/00827 - MUSCO CORPORATION Class 26. LENS

A2023/00830 - MUSCO CORPORATION Class 26. ADJUSTABLE LIGHTING FIXTURE

A2023/00841 - SMEG S.p.A. Class 31. ELECTRIC MIXERS

CHANGE OF NAME IN TERMS OF REGULATION 24

No records available

APPLICATION FOR THE RESTORATION OF A LAPSED DESIGN UNDER SECTION 23 OF THE ACT

Notice is hereby given that: **Hyundai Motor Company, Kia Motors Corporation** has made application for the restoration of the design registered to the said: **Hyundai Motor Company, Kia Motors Corporation** for the Design: **CABINS FOR VEHICLES** application number: **A2019/01850** date: **20/12/2019** which become void on **06/08/2022** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof.

Registrar of Designs

Notice is hereby given that: **TUSWA, Ntombikayise Ziyanda** has made application for the restoration of the design registered to the said: **TUSWA, Ntombikayise Ziyanda** for the Design: **WIG STAND** application number: **A2019/01850** date: **31/01/2019** which become void on **31/01/2022** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof.

Registrar of Designs

Notice is hereby given that: **NIEUWENHUYS, Kathleen** has made application for the restoration of the design registered to the said: **NIEUWENHUYS, Kathleen** for the Design: **NAIL HOLDING TOOLS** application number: **A2018/01443** date: **18/09/2018** which become void on **18/09/2022** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof.

Registrar of Designs

Notice is hereby given that: **NIEUWENHUYS, Kathleen** has made application for the restoration of the design registered to the said: **NIEUWENHUYS, Kathleen** for the Design: **NAIL HOLDING TOOLS** application number: **F2018/01444** date: **18/09/2018** which become void on **18/09/2022** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof.

Registrar of Designs

APPLICATION TO CORRECT AND/OR AMEND DESIGNS APPLICATION OR REGISTRATION

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2021/00884
Applicant: GOOD TRY (Pty) Ltd
Class: 06
Article to which the Design is to be applied: LOCKER
Date of lodgment: 27/07/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2021/00885
Applicant: GOOD TRY (Pty) Ltd
Class: 06
Article to which the Design is to be applied: LOCKER
Date of lodgment: 27/07/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2021/00880
Applicant: GOOD TRY (Pty) Ltd
Class: 06
Article to which the Design is to be applied: LOCKER
Date of lodgment: 27/07/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2021/00879
Applicant: GOOD TRY (Pty) Ltd
Class: 06
Article to which the Design is to be applied: LOCKER

Date of lodgment: 27/07/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2021/00878
Applicant: GOOD TRY (Pty) Ltd
Class: 06
Article to which the Design is to be applied: LOCKER
Date of lodgment: 27/07/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2021/00881
Applicant: GOOD TRY (Pty) Ltd
Class: 06
Article to which the Design is to be applied: LOCKER
Date of lodgment: 27/07/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2021/01091
Applicant: GREEN 66 INNOVATIONS PTY LTD
Class: 07
Article to which the Design is to be applied: STOVE
Date of lodgment: 13/09/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2021/01092
Applicant: GREEN 66 INNOVATIONS PTY LTD
Class: 07

Article to which the Design is to be applied: STOVE
Date of lodgment: 13/09/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2021/00634
Applicant: VIGAMED PRODUCTS PRIVATE LIMITED
Class: 24
Article to which the Design is to be applied: FEMALE CONDOM
Date of lodgment: 03/062021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2022/00009
Applicant: ALLFLEX EUROPE SAS
Class: 30
Article to which the Design is to be applied: ANIMAL IDENTIFICATION TAG
Date of lodgment: 04/01/2022

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2021/00675
Applicant: DIAGEO BRANDS B.V.
Class: 07
Article to which the Design is to be applied: BOTTLE
Date of lodgment: 08/06/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11
Design No. A2021/00676
Applicant: DIAGEO BRANDS B.V.

Class: 07
Article to which the Design is to be applied: BOTTLE
Date of lodgment: 08/06/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2020/00990
Applicant: THERACO (PTY) Ltd.
Class: 07
Article to which the Design is to be applied: CARTRIDGE
Date of lodgment: 16/07/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2020/01369
Applicant: GLEN CLIFTON KRUGER
Class: 06
Article to which the Design is to be applied: TABLE
Date of lodgment: 20/10/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2020/01497
Applicant: LOUWRENS OLIVER
Class: 25
Article to which the Design is to be applied: INSULATOR
Date of lodgment: 19/11/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2020/00601
Applicant: SHAN, JUSTIN JONATHAN
Class: 12
Article to which the Design is to be applied: TOW BAR MOUNTAIN CARRIER
Date of lodgment: 19/05/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2020/01356
Applicant: GLEN CLIFTON KRUGER
Class: 06
Article to which the Design is to be applied: TABLE
Date of lodgment: 13/10/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2020/00584
Applicant: GEARHOUSE SYSTEM SOLUTIONS (PTY) LTD
Class: 23
Article to which the Design is to be applied: SANITISING AND TEMPERATURE SCREENING STATION
Date of lodgment: 12/05/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2020/00664
Applicant: JUSTIN GLICKMAN
Class: 09
Article to which the Design is to be applied: CORNER PROTECTOR
Date of lodgment: 27/05/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2020/00831
Applicant: TRIMEDIKA LIMITED
Class: 10
Article to which the Design is to be applied: THERMOMETER
Date of lodgment: 15/06/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2020/00759
Applicant: AVENTURE TECH (PTY) LTD
Class: 08
Article to which the Design is to be applied: DOOR FITTING
Date of lodgment: 09/06/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2020/01143
Applicant: JORGE MANUEL FELICIO DA SILVA
Class: 06
Article to which the Design is to be applied: BATTERY CASING
Date of lodgment: 24/08/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2020/00999
Applicant: SHENZHEN EIGATE TECHNOLOGY CO. LTD
Class: 27
Article to which the Design is to be applied: ELECTRONIC HOOKAH
Date of lodgment: 17/07/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2020/00760
Applicant: AVENTURE TECH (PTY) LTD
Class: 08
Article to which the Design is to be applied: DOOR FITTING
Date of lodgment: 09/06/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2020/00450
Applicant: SIBIA, SIFISO ALFRED
Class: 08
Article to which the Design is to be applied: SET OF MOUNTS
Date of lodgment: 04/05/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2021/00889
Applicant: GOOD TRY (Pty) Ltd
Class: 06
Article to which the Design is to be applied: LOCKER
Date of lodgment: 27/07/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2021/00155
Applicant: JACOBUS ANDRIAAN RITCHIE
Class: 22
Article to which the Design is to be applied: SHOT IMPACT INDICATOR
Date of lodgment: 16/02/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2021/00088
Applicant: ACL FAMILIETRUST
Class: 23
Article to which the Design is to be applied: TANK
Date of lodgment: 04/02/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2021/00157
Applicant: WMM MEDIA (PTY) LTD
Class: 08
Article to which the Design is to be applied: MOTUORCYCLE DELIVERY BOX
Date of lodgment: 17/02/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2021/00154
Applicant: JACOBUS ANDRIAAN RITCHIE
Class: 22
Article to which the Design is to be applied: SHOT IMPACT INDICATOR
Date of lodgment: 16/02/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2021/00297
Applicant: DE BRUYN, DANIEL GERT
Class: 23
Article to which the Design is to be applied: FLOW CONTROL DEVICE
Date of lodgment: 23/03/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2021/00304
Applicant: JACOB JOHANNES KACHELHOFFE
Class: 13
Article to which the Design is to be applied: BATTERY MODULE
Date of lodgment: 25/03/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2021/00887
Applicant: GOOD TRY (Pty) Ltd
Class: 06
Article to which the Design is to be applied: LOCKER
Date of lodgment: 27/07/2021

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2022/00416
Applicant: RONAL TERENCE WARWICK
Class: 25
Article to which the Design is to be applied: BLOCK FOR BREAKWATER
Date of lodgment: 20/04/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2022/00417
Applicant: RONAL TERENCE WARWICK
Class: 25
Article to which the Design is to be applied: BLOCK FOR BREAKWATER
Date of lodgment: 20/04/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2022/00010
Applicant: ALLFLEX EUROPE SAS
Class: 30
Article to which the Design is to be applied: ANIMAL INDENTIFICATION TAG
Date of lodgment: 04/01/2020

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2022/01391
Applicant: LOUIS WILKEN
Class: 08
Article to which the Design is to be applied: PLANT HOLDER
Date of lodgment: 04/11/2022

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2022/01387
Applicant: LOUIS WILKEN
Class: 08
Article to which the Design is to be applied: PLANT HOLDER
Date of lodgment: 04/11/2022

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11
Design No. F2022/01339
Applicant: AMOS PHOLOGE TABANE
Class: 08
Article to which the Design is to be applied: LIFELINE MOUNT
Date of lodgment: 24/10/2022

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2022/01207
Applicant: NATIONAL STAINLESS STEEL CENTRE (Pty) LTD, NALEDI TELECOMS (PTY) Ltd
Class: 08
Article to which the Design is to be applied: MODULAR SECURITY CABINET
Date of lodgment: 05/10/2022

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2022/00193
Applicant: LIFECORE FITNESS, INC
Class: 08
Article to which the Design is to be applied: EXERCISE APPARATUS
Date of lodgment: 25/02/2022

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2022/00228
Applicant: FASS S.P.A.
Class: 13
Article to which the Design is to be applied: BROOM HEAD
Date of lodgment: 02/03/2022

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.
PART 11

Design No. A2022/00228
Applicant: FASS S.P.A.
Class: 13
Article to which the Design is to be applied: BROOM HEAD
Date of lodgment: 02/03/2022

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2022/00191
Applicant: LIFECORE FITNESS, INC
Class: 21
Article to which the Design is to be applied: EXERCISE APPARATUS
Date of lodgment: 25/02/2022

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2022/00229
Applicant: FASS S.P.A.
Class: 13
Article to which the Design is to be applied: BROOM HEAD
Date of lodgment: 02/03/2022

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. A2022/00192
Applicant: LIFECORE FITNESS, INC
Class: 21
Article to which the Design is to be applied: EXERCISE APPARATUS
Date of lodgment: 25/02/2022

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2022/01209
Applicant: NATIONAL STAINLESS STEEL CENTRE (Pty) LTD, NALEDI TELECOMS (PTY) Ltd
Class: 08
Article to which the Design is to be applied: MODULAR SECUTITY CABINET
Date of lodgment: 05/10/2022

Registrar of Designs

THE DESIGN APPLICATION TO BE CORRECTED OR AMENDED IS OPEN FOR PUBLIC INSPECTION. THE PARTICULARS TO BE PUBLISHED SHALL BE THOSE SET OUT IN PART 11 AN APPLICATION FOR CORRECTION OR AMENDMENT SO PUBLISHED MAY NOT BE INSPECTED AND MAY NOT BE OPPOSED.

PART 11

Design No. F2022/01208
Applicant: NATIONAL STAINLESS STEEL CENTRE (Pty) LTD, NALEDI TELECOMS (PTY) Ltd
Class: 24
Article to which the Design is to be applied: MODULAR SECURITY CABINET
Date of lodgment: 05/10/2022

Registrar of Designs

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

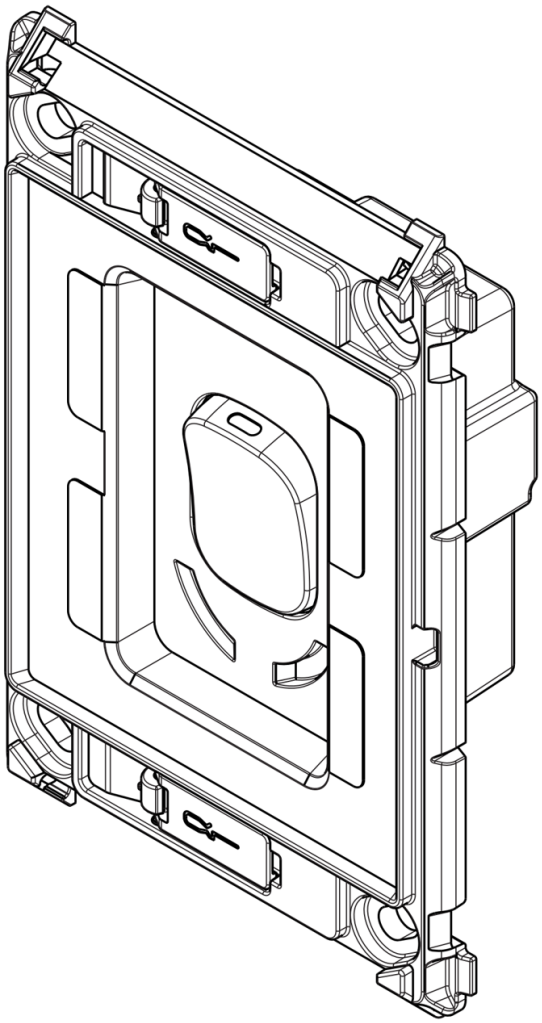
The Designs Office, Private Bag X400, Pretoria, supplies photocopies of all design documents at R1, 00 per page. (Payment to be affected by revenue stamps only.)

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.

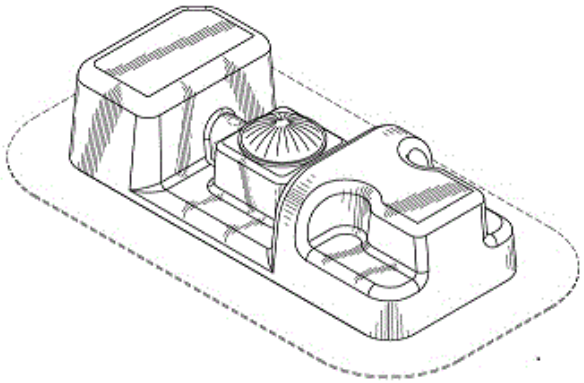
N.B.: Date of registration (DR) is either Date of lodgement (22) or Date of convention of application (32) whichever is the earlier.

Registrar of Designs

21: A2019/01385 22: 2019-09-19 23:
43: 2023-06-01
52: Class 13 24: Part A
71: SCHNEIDER ELECTRIC (AUSTRALIA) PTY LIMITED
33: AU 31: 201911564 32: 2019-03-21
54: GRID PLATE
57: The design is applied to a grid plate. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the grid plate, substantially as illustrated in the accompanying representation. Contour lines are provided to indicate contours but do not form part of the design and are disclaimed.

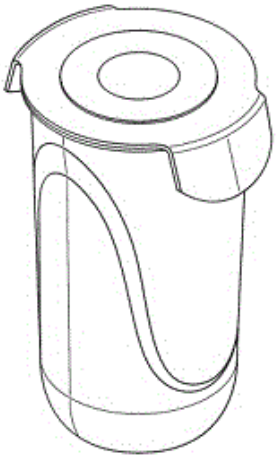


21: A2020/00044 22: 2020-01-16 23:
43: 2023-05-19
52: Class 9. 24: Part A
71: REGENERON PHARMACEUTICALS, INC.
33: US 31: 29/699,793 32: 2019-07-29
54: Packaging
57: The design relates to packaging. The features of the design are those of shape and/or configuration and/or ornamentation.



BOTTOM REAR RIGHT
PERSPECTIVE VIEW

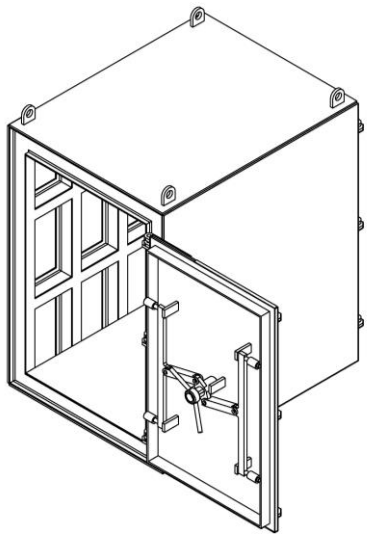
21: A2020/01011 22: 2020-07-20 23:
43: 2023-05-19
52: Class 28. 24: Part A
71: UNILEVER GLOBAL IP LIMITED
33: US 31: 29/721,549 32: 2020-01-21
54: Cartridge
57: The design relates to a cartridge. The features of the design are those of shape and configuration.



FRONT PERSPECTIVE VIEW
FROM TOP AND LEFT SIDE

21: A2021/00522 22: 2021-05-18 23:
43: 2023-05-09
52: Class 25 24: Part A
71: DREAM AFRICAN FOUNDATION (PTY) LTD
54: SAFETY BARRIER
57: The features of the design for which protection is claimed reside in the shape and/or configuration of the safety barrier substantially as shown in the

accompanying representations. The safety barrier can withstand an underground explosion and high pressure applied to a safety chamber resulting from the explosion.



21: A2021/00837 22: 2021-07-19 23:
43: 2023-06-23
52: Class 11 24: Part A
71: VICTORIOUS VIRGIN MARY LTD
33: AU 31: 202110206 32: 2021-01-18
54: DUAL PENDANT
57: The design relates to a dual pendant. The features of the design are those of shape and/or configuration.

Front views in open configuration

21: A2021/01476 22: 2021-11-25 23:
43: 2021-05-26
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/785,580 32: 2021-05-26
54: ORAL CARE IMPLEMENTS
57: The design is for an oral care implement. The oral care implement comprises a handle, a neck extending away from the handle and a head that extends from the neck. The handle is substantially cylindrical and has an upper waisted portion and a lower portion that terminates with a rounded end. The neck extending from the handle is outwardly curved and tapers towards the head. The head is substantially obround and an array of substantially square shaped bristle tufts protrude from one face of the head.

Figure 1

Three-dimensional view

21: A2021/01477 22: 2021-11-25 23:
43: 2021-05-26
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/785,580 32: 2021-05-26
54: ORAL CARE IMPLEMENTS
57: The design is for an oral care implement. The oral care implement comprises a handle that has a substantially cylindrical body. The handle has an upper waisted portion and a lower portion that terminates with a rounded end.

Figure 1

Three-dimensional view

21: A2021/01478 22: 2021-11-25 23:
43: 2021-05-26
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/785,580 32: 2021-05-26
54: ORAL CARE IMPLEMENTS
57: The design is for an oral care implement. The oral care implement comprises a handle that has a substantially cylindrical body. The handle has an upper waisted portion which is marginally rearwardly inclined.

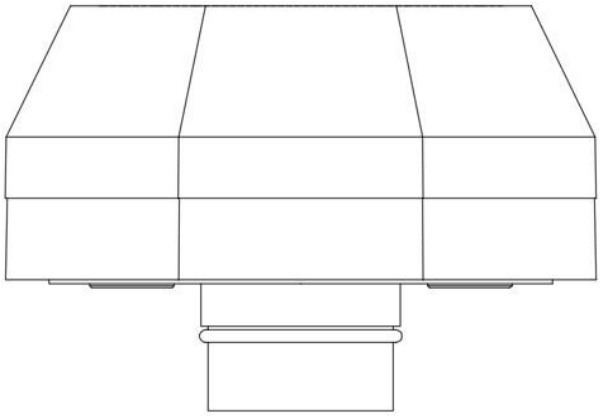
Figure 1

Three-dimensional view

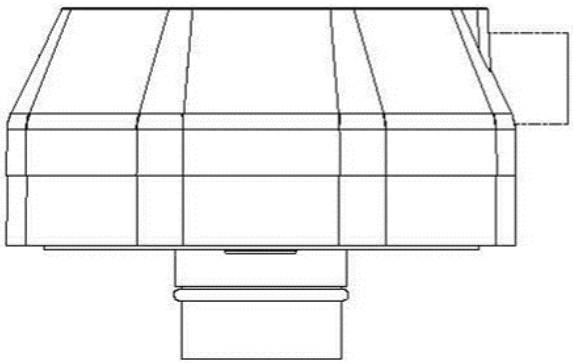
21: A2021/01521 22: 2021-12-13 23:
43: 2023-05-19
52: Class 18. 24: Part A
71: CASIO KEISANKI KABUSHIKI KAISHA D.B.A. CASIO COMPUTER CO., LTD.
33: JP 31: 2021 - 020571 32: 2021-09-24
54: Electronic Calculator
57: The design relates to an electronic calculator. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

FRONT AND RIGHT SIDE PERSPECTIVE VIEW

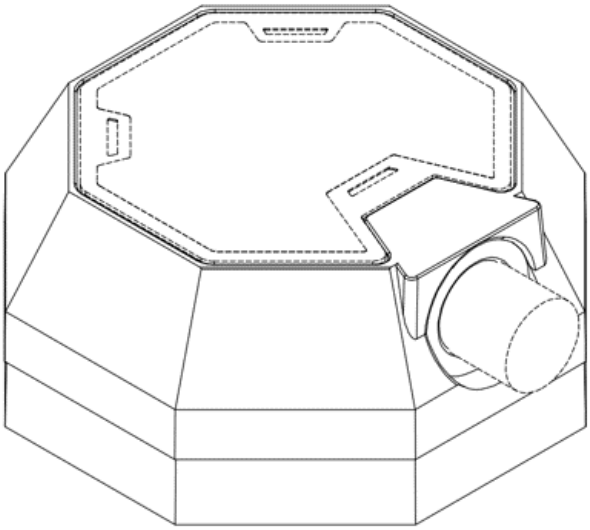
21: A2022/00195 22: 2022-02-25 23:
43: 2023-06-05
52: Class 13 24: Part A
71: FLENDER GMBH
33: EU 31: 008665202-0002 32: 2021-08-31
54: GEARBOX FOR AN ELECTRIC MOTOR
57: The design is applied to a gearbox for an electric motor. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the gearbox for an electric motor, substantially as illustrated in the accompanying representation.



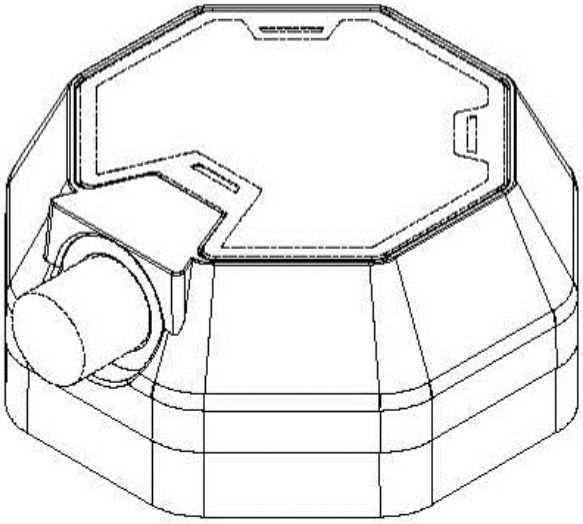
21: A2022/00196 22: 2022-02-25 23:
43: 2023-06-05
52: Class 13 24: Part A
71: FLENDER GMBH
33: EU 31: 008665202-0003 32: 2021-08-31
54: GEARBOX FOR AN ELECTRIC MOTOR
57: The design is applied to a gearbox for an electric motor. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the gearbox for an electric motor, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.



21: A2022/00197 22: 2022-02-25 23:
43: 2023-06-05
52: Class 13 24: Part A
71: FLENDER GMBH
33: EU 31: 008665202-0004 32: 2021-08-31
54: GEARBOX FOR AN ELECTRIC MOTOR
57: The design is applied to a gearbox for an electric motor. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the gearbox for an electric motor, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.



21: A2022/00206 22: 2022-02-25 23:
43: 2023-06-05
52: Class 13 24: Part A
71: FLENDER GMBH
33: EU 31: 008665202-0005 32: 2021-08-31
54: GEARBOX FOR AN ELECTRIC MOTOR
57: The design is applied to a gearbox for an electric motor. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the gearbox for an electric motor, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.



21: A2022/00274 22: 2022-03-18 23:
43: 2023-05-19
52: Class 7. 24: Part A
71: STASHER, INC.
33: US 31: 29/810,113 32: 2021-10-01
54: Container
57: The design relates to a container. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

TOP, RIGHT AND FRONT SIDE PERSPECTIVE VIEW

21: A2022/00322 22: 2022-03-28 23:
43: 2021-11-30
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/817,253 32: 2021-11-30
54: ORAL CARE IMPLEMENTS
57: The design is for an oral care implement comprising an elongate stem extending upwardly from a base towards a top wall. Sides of an upper portion taper gently inwardly. A front wall of the stem is gently convexly curved and flares outwardly at the upper portion to form a shoulder. A rear wall is gently concavely curved and flares gently outwardly at the shoulder. The front and rear wall include a u-shaped formation with a plurality of closely arranged undulating gripping elements.

Figure 1

Three-dimensional view

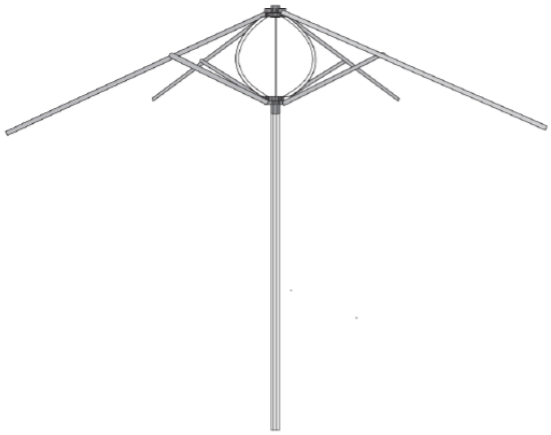
21: A2022/00325 22: 2022-03-28 23:
43: 2021-11-30
52: Class 4 24: Part A
71: Colgate-Palmolive Company
33: US 31: 29/817,253 32: 2021-11-30
54: ORAL CARE IMPLEMENTS
57: The design is for an oral care implement comprising an elongate stem extending upwardly from a base towards a top wall. Sides of an upper portion taper gently inwardly. A front wall of the stem is gently convexly curved and flares outwardly at the upper portion to form a shoulder. A rear wall is

gently concavely curved and flares gently outwardly at the shoulder.

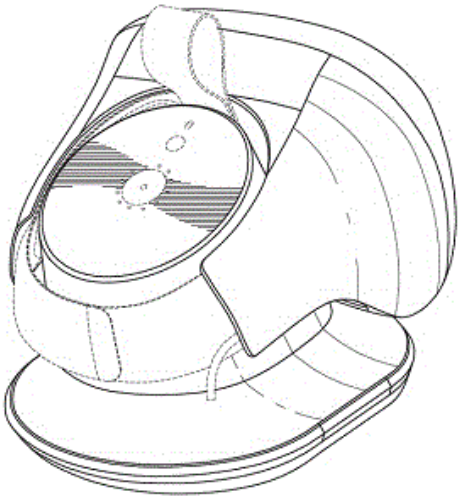
Figure 1

Three-dimensional view

21: A2022/00384 22: 2022-04-08 23:
43: 2023-05-19
52: Class 20 24: Part A
71: SCREEN GRAPHICS CC
54: PARASOL BANNER
57: The novelty in the design as applied to a collapsible banner for a parasol resides in the shape and/or configuration, and/or pattern and/or ornamentation of the banner substantially as shown in the accompanying drawings.



21: A2022/00459 22: 2022-04-28 23:
43: 2023-05-19
52: Class 24. 24: Part A
71: WAVE NEUROSCIENCE, INC.
33: US 31: 29/789,962 32: 2021-10-27
54: Magnetic Resonance Treatment System
57: The design relates to a magnetic resonance treatment system. The features of the design are those of shape and/or configuration and/or ornamentation.

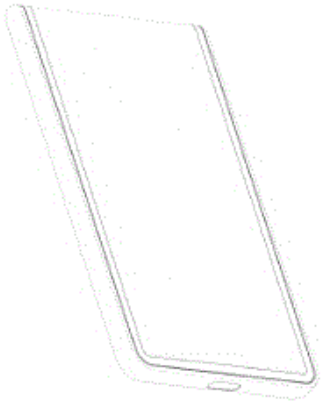


REAR AND LEFT SIDE PERSPECTIVE VIEW

21: A2022/00470 22: 2022-05-03 23:
43: 2023-05-29
52: Class 14. 24: Part A
71: LEDGER
33: EM 31: 008746192-0001 32: 2021-11-04
54: Information Processing Device
57: The design relates to an information processing device. The features of the design are those of shape and/or configuration and/or ornamentation.

PERSPECTIVE VIEW

21: A2022/00471 22: 2022-05-03 23:
43: 2023-05-19
52: Class 14. 24: Part A
71: LEDGER
33: EM 31: 008746192-0002 32: 2021-11-04
54: Information Processing Device
57: The design relates to an information processing device. The features of the design are those of shape and/or configuration and/or ornamentation.

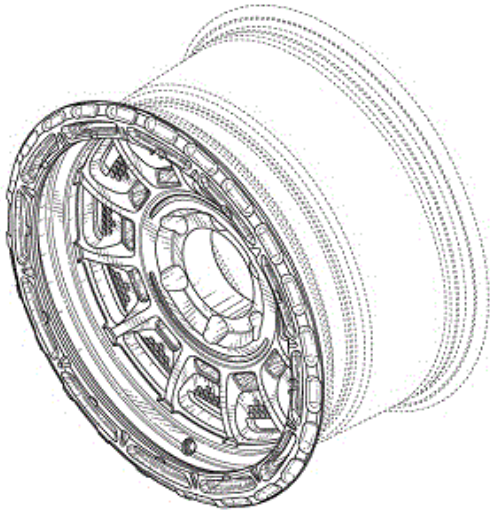


PERSPECTIVE VIEW

21: A2022/00546 22: 2022-05-19 23:
43: 2023-05-11
52: Class 12. 24: Part A
71: WHEEL PROS, LLC
33: US 31: 29/822,625 32: 2022-01-11
54: Wheel
57: The design relates to a wheel. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

PERSPECTIVE VIEW

21: A2022/00547 22: 2022-05-19 23:
43: 2023-05-11
52: Class 12. 24: Part A
71: WHEEL PROS, LLC
33: US 31: 29/822,703 32: 2022-01-11
54: Wheel
57: The design relates to a wheel. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



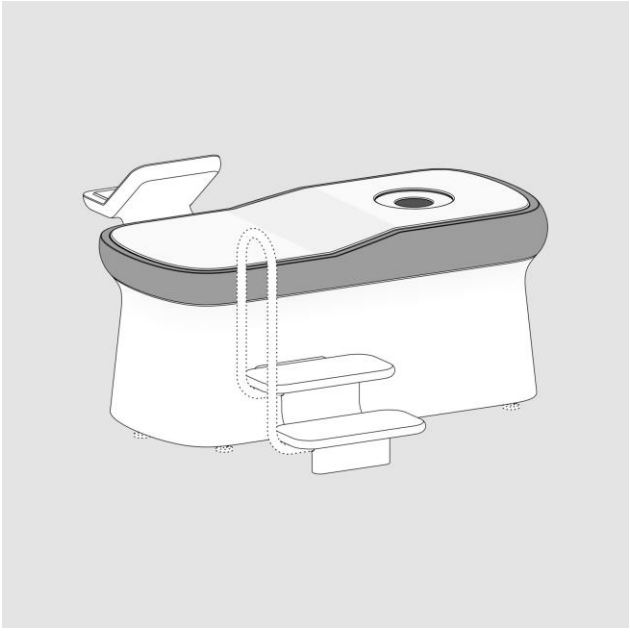
PERSPECTIVE VIEW

21: A2022/00548 22: 2022-05-19 23:
43: 2023-05-11
52: Class 12. 24: Part A

71: GREAT WALL MOTOR COMPANY LIMITED
33: CN 31: 202130764015.6 32: 2021-11-21
54: Automobile
57: The design relates to an automobile. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

FRONT PERSPECTIVE VIEW

21: A2022/00587 22: 2022-05-25 23:
43: 2023-06-05
52: Class 24 24: Part A
71: MVG INDUSTRIES
33: IB 31: DM/218673 32: 2021-12-15
54: MEDICAL IMAGE SCANNER
57: The design is applied to a medical scanner device. The features of the design for which protection is claimed are those of the shape and/or configuration of the medical scanner device, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed. Neither shading nor colour form part of the design and are disclaimed.



21: A2022/00698 22: 2022-06-21 23:
43: 2021-12-22
52: Class 9 24: Part A
71: Anheuser-Busch InBev S.A., Envases Universales de México SAPI de CV
33: EM(BE) 31: 008807812-0001 32: 2021-12-22
54: CANS
57: The design relates to the appearance of top and bottom portions of a can suitable for holding drinks. The precise length of the can is not claimed. The can includes a body having a generally cylindrical wall of constant diameter of about 59mm and approximately constant thickness of approximately 0.1mm. The top portion of the can includes a generally frustroconical neck which is contiguous with the body. The neck is angled relative to the cylindrical wall by an angle of approximately 30 degrees. The neck terminates at an annular rim at the top of the can. The bottom portion of the can includes a base which is contiguous with the body. The base includes a generally annular stand which has a diameter of about 46mm. The base further includes an inner dome. The axial distance between the centre of the dome and the end of the stand is about 9mm.

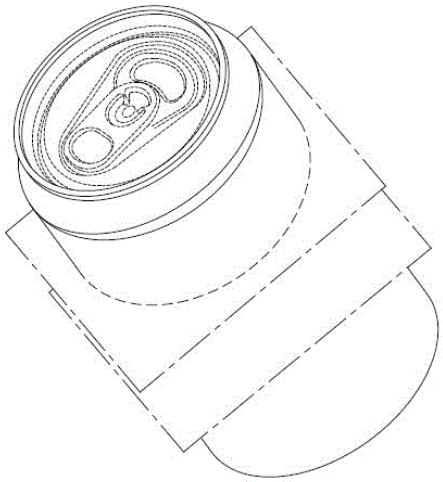
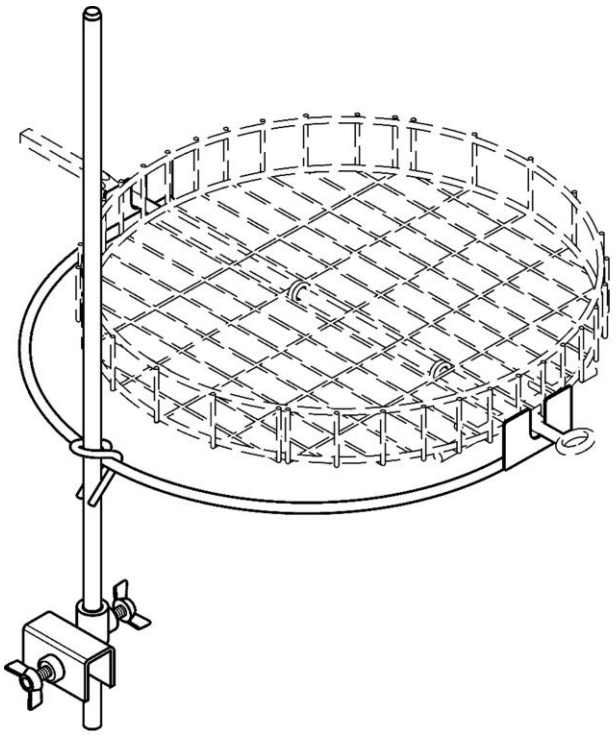


Figure 1

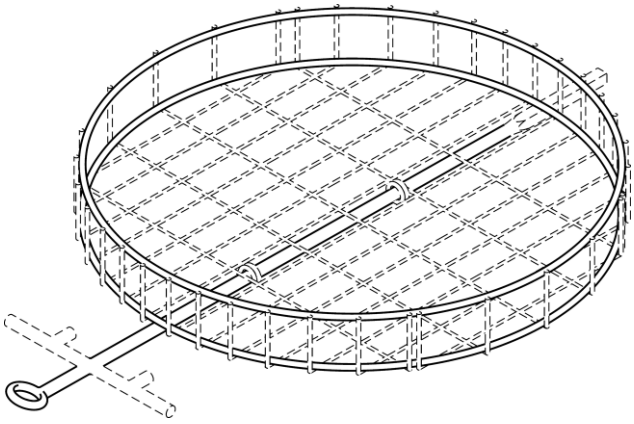
Three-dimensional view

21: A2022/00733 22: 2022-06-24 23:
43: 2023-05-11
52: Class 07 24: Part A
71: BLUE GEAR IMPORTS (PTY) LTD
54: BARBEQUE ACCESSORY
57: The design is applied to a barbeque accessory. The features of the design for which protection is claimed are those of the shape and/or configuration

of the barbeque accessory, substantially as illustrated in the accompanying representation.

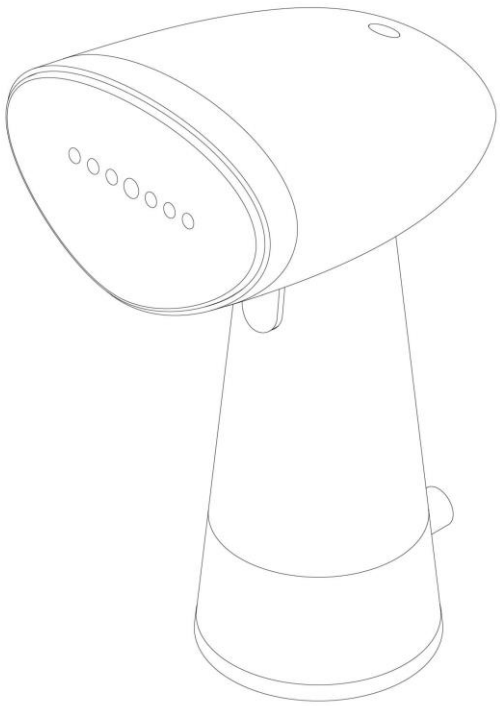


21: A2022/00735 22: 2022-06-24 23:
43: 2023-05-11
52: Class 07 24: Part A
71: BLUE GEAR IMPORTS (PTY) LTD
54: BARBEQUE GRID
57: The design is applied to a barbeque grid. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the barbeque grid, substantially as illustrated in the accompanying representation.



21: A2022/00798 22: 2022-07-07 23:
43: 2022-01-28
52: Class 12 24: Part A
71: Suzuki Motor Corporation
33: JP 31: 2022-001681 32: 2022-01-28
54: AUTOMOBILES
57: The design is for an automobile, in particular, a five-door hatchback which has four lateral doors and a central rear hatchback door including a rear windscreen. A front end portion has a forwardly downwardly sloping bonnet and an inverted trapezium-shaped grille below a front edge of the bonnet. A central air-intake is defined by fins in a front body panel, below the grille. A thin pair of slanted headlights flanks the bonnet. A rear of the motor car includes a rear bumper and tail lights flanking the rear door. A roof extends from the front windscreen towards the rear, and is generally horizontal towards a roof spoiler which protrudes rearwardly above the rear windscreen. A contour line extends gently upwardly from a lower portion of the front door to the lower portion of the rear door on either side of the car.

21: A2022/00814 22: 2022-07-15 23:
43: 2023-05-19
52: Class 07 24: Part A
71: Philips Domestic Appliances Holding B.V.
33: EU 31: 008866644 32: 2022-02-02
54: HANDHELD GARMENT STEAMER
57: The design is for a handheld garment steamer. The steamer has a base, a truncated conical handle, and a dispensing head. In front profile, the dispensing head resembles a generally spherical triangle and includes a row of dispensing openings.



Perspective view

21: A2022/00888 22: 2022-08-02 23:
43: 2022-02-03
52: Class 12 24: Part A
71: Honda Motor Co., Ltd.
33: JP 31: 2022-002082 32: 2022-02-03
54: MOTORCYCLES
57: The design is for a motorcycle comprising a front wheel, a rear wheel, a front fender over the front wheel, a pair of front forks diagonally ascending from an axle of the front wheel, a handlebar positioned between the front forks, a cowl with an upper U-shaped screen and a centrally positioned circular headlight, an engine between the front and rear wheels, a fuel tank cover above the engine, a tandem seat, an obliquely extending rear cover below the seat with a rectangular tail lamp at a rear end, and an upwardly rearwardly extending muffler lower than the rear cover. The cowl has a semi-elliptic-spherical-shape with cut outs in a trailing edge which are U-shaped in side view. A front portion of the fuel tank cover protrudes outwardly and a rear portion narrows towards the seat. An annular daylight running light surrounds the headlight.

Figure 1

Three-dimensional view

21: A2022/00964 22: 2022-08-18 23:
43: 2022-02-18
52: Class 2 24: Part A
71: Crocs, Inc.
33: US 31: 29/827,338 32: 2022-02-18
54: FOOTWEAR
57: The present design consists of a shoe having features that make it new and original. The present design comprises a slip-on shoe characterized by raised patterns that cover a sole and lower portions of an upper where the upper meets the sole. The raised patterns also cover rear portions of the upper. The upper has a notch-shaped ridge on its outer side.

Figure 1

Three-dimensional view

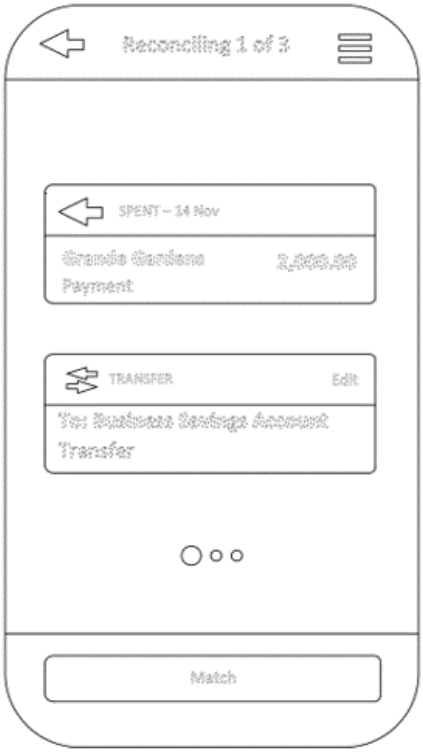
21: A2022/00965 22: 2022-08-18 23:
43: 2022-02-18
52: Class 2 24: Part A
71: Crocs, Inc.
33: US 31: 29/827,339 32: 2022-02-18
54: FOOTWEAR
57: The present design consists of a shoe having features that make it new and original. The present

design comprises a slide shoe characterized by raised patterns that cover a sole. An upper of the slide shoe includes a number of round openings and ridges.

Figure 1

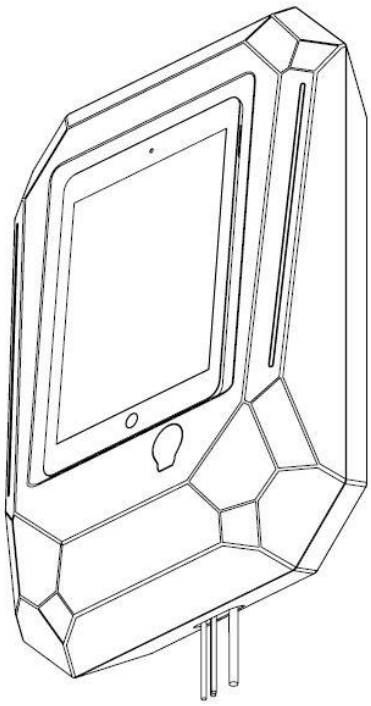
Three-dimensional view

21: A2022/01038 22: 2022-09-02 23:
43: 2023-06-05
52: Class 14 24: Part A
71: XERO LIMITED
33: GB 31: 6194898 32: 2022-03-04
54: SET OF SCREEN DISPLAYS WITH A GRAPHICAL USER INTERFACE AND HORIZONTAL PAGE INDICATOR
57: The design is applied to a set of screen displays with a graphical user interface and horizontal page indicator. The features of the design for which protection is claimed are those of shape and/or configuration and/or pattern and/or ornamentation of the set of screen displays with a graphical user interface and horizontal page indicator, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.



21: A2022/01039 22: 2022-09-02 23:
43: 2023-06-05
52: Class 14 24: Part A
71: XERO LIMITED
33: GB 31: 6194899 32: 2022-03-04
54: SET OF SCREEN DISPLAYS WITH A GRAPHICAL USER INTERFACE AND HORIZONTAL PAGE INDICATOR
57: The design is applied to a set of screen displays with a graphical user interface and horizontal page indicator. The features of the design for which protection is claimed are those of shape and/or configuration and/or pattern and/or ornamentation of the set of screen displays with a graphical user interface and horizontal page indicator, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.

21: A2022/01045 22: 2022-09-05 23:
43: 2023-04-14
52: Class 13 24: Part A
71: GREEN SHARE ENERGY (PTY) LTD
54: COMPUTING UNIT
57: The design relates to a COMPUTING UNIT substantially as shown. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



21: A2022/01148 22: 2022-09-28 23:
43: 2023-05-03
52: Class 02 24: Part A
71: Duvibuddy (PTY) LTD
54: HEADWARE
57: The features of the design for which novelty is claimed are the shape and / or configuration of headware as shown in the accompanying representations.

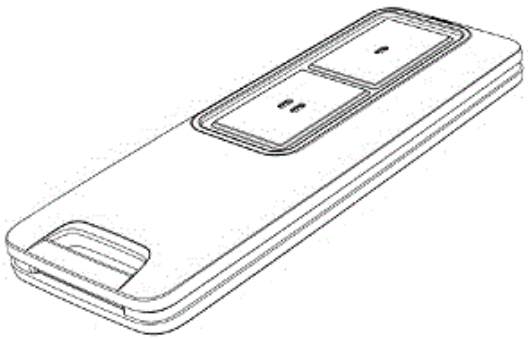
REAR PERSPECTIVE VIEW OF ARTICLE IN USE

21: A2022/01213 22: 2022-10-06 23:
43: 2022-04-06
52: Class 9 24: Part A
71: Antonio Puig, S.A.
33: EM(ES) 31: 008929087-0001 32: 2022-04-06
54: PERFUME BOTTLES
57: The design is for a perfume bottle comprising a bottle body depicting a female torso, hips, and upper thighs. The bottle body includes a flat base, a cylindrical nozzle projecting upwardly from shoulders of the torso, and a ring attached to a front of the nozzle. The torso is encased in a strapless V-shaped corset with conical breastplates. The breastplates is depicted with a pattern made up with circular radiating lines. A front of the corset includes a plurality of spaced-apart straight radiating lines running from a bottom of the V-shaped corset to a top. Relatively speaking, in front and rear view, the hips of the torso are wide, a waist is narrow, and the shoulders are in between. In side view, the body curves inwardly at the waist and then curves outwardly at a rear.

Figure 1

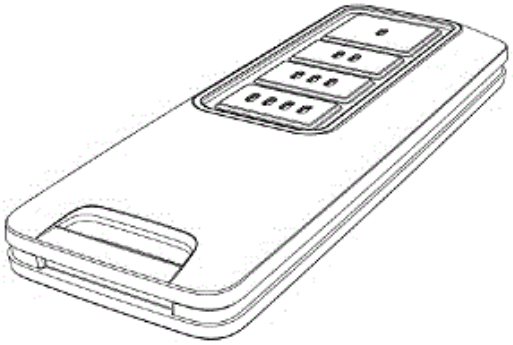
Three-dimensional view

21: A2022/01214 22: 2022-10-07 23:
43: 2023-05-11
52: Class 14. 24: Part A
71: FAAC S.P.A.
33: EM 31: 009044563-0001 32: 2022-05-27
54: Wireless Remote Control
57: The design relates to a wireless remote control. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



TOP PERSPECTIVE VIEW

21: A2022/01215 22: 2022-10-07 23:
43: 2023-05-11
52: Class 14. 24: Part A
71: FAAC S.P.A.
33: EM 31: 009044563-0002 32: 2022-05-27
54: Wireless Remote Control
57: The design relates to a wireless remote control. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



TOP PERSPECTIVE VIEW

21: A2022/01217 22: 2022-10-07 23:
43: 2022-04-08
52: Class 8 24: Part A
71: HAMMAR, Lars
33: EM(SE) 31: 008932115-0002 32: 2022-04-08
54: POWERLINE PROTECTION DEVICES
57: The design is for a powerline protection device comprising a rectangular plate with curved corners and a holder extending upwardly from the plate. A stem of the holder is pivotally connected to the plate by a cylindrical hinge. The stem extends upwardly within an oval member to engage with a pair of upwardly extending arms. An upper portion of each arm includes a transversely arranged head defining a circular opening. A first arm includes two spaced-apart, laterally protruding narrow walls and a second arm includes a centrally positioned laterally protruding narrow wall. A lower end of each arm is pivotally connected to the oval member by a pair of gears. A pair of springs connects an outer lower portion of each arm to another arm.

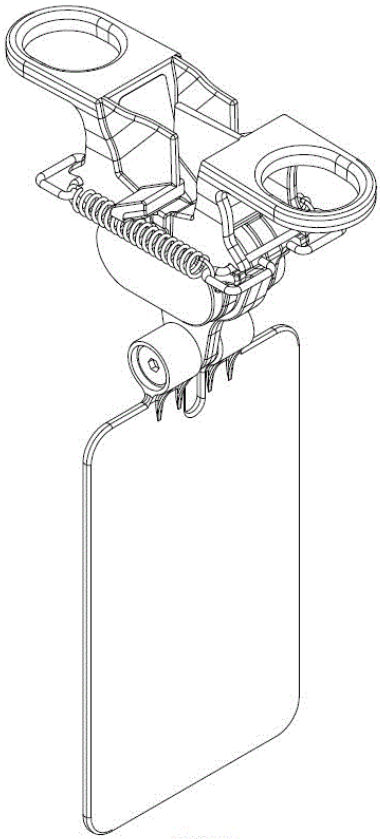


Figure 1

A three-dimensional view of the design in a closed configuration

21: A2022/01219 22: 2022-10-07 23:
43: 2022-04-08
52: Class 8 24: Part A
71: HAMMAR, Lars
33: EM(SE) 31: 008932115-0004 32: 2022-04-08
54: POWERLINE PROTECTION DEVICES
57: The design is for a powerline protection device comprising a rectangular plate with curved corners and a holder extending upwardly from the plate. A stem of the holder is pivotally connected to the plate by a cylindrical hinge. The stem extends upwardly within an oval member to engage with a pair of upwardly extending arms. An upper portion of each arm includes a transversely arranged head defining a circular opening. A first arm includes two spaced-apart, upwardly inclined, laterally protruding elongate members with arrowhead shaped ends and a second arm includes a centrally positioned, upwardly inclined, laterally protruding elongate member. A lower end of each arm is pivotally connected to the oval member by a pair of gears. A pair of springs connects an outer lower portion of each arm to another arm.

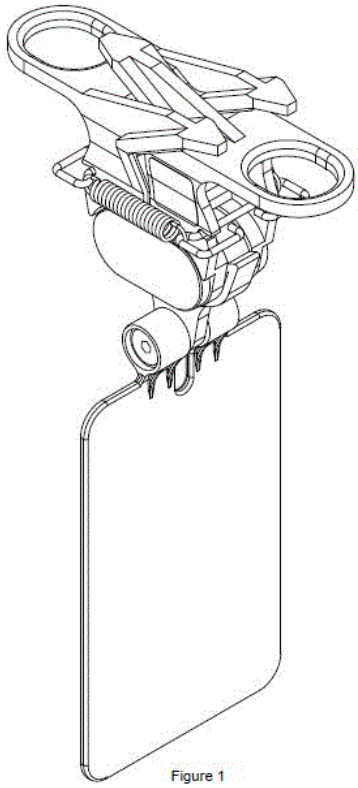
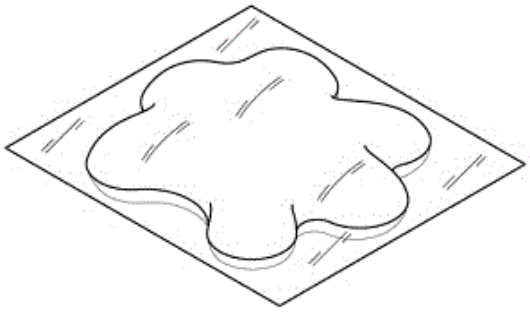


Figure 1

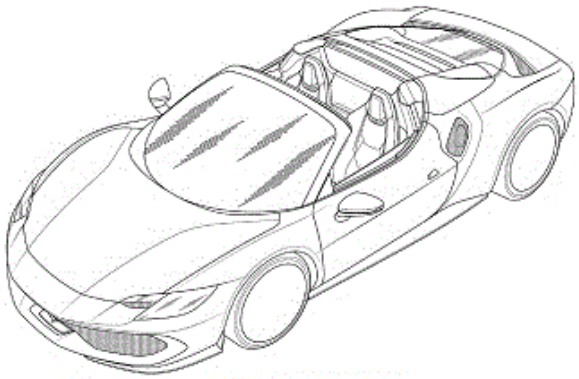
A three-dimensional view of the design in a closed configuration

21: A2022/01259 22: 2022-10-12 23:
43: 2023-05-11
52: Class 7. 24: Part A
71: UNILEVER GLOBAL IP LIMITED
33: EM 31: 008962914-0001 32: 2022-04-22
54: Capsule
57: The design relates to a capsule. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



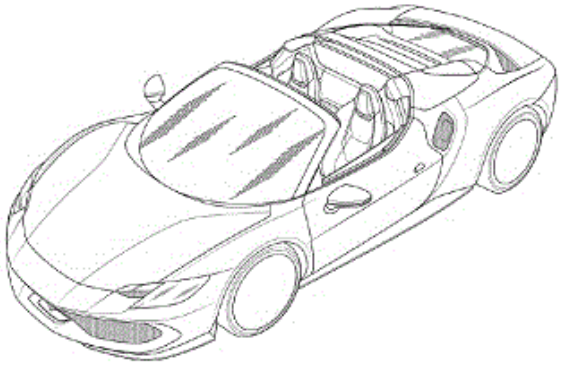
FRONT PERSPECTIVE VIEW
FROM TOP AND RIGHT SIDE

21: A2022/01260 22: 2022-10-12 23:
43: 2023-05-11
52: Class 12. 24: Part A
71: FERRARI S.P.A.
33: IB 31: DM/221335 32: 2022-04-13
54: Car
57: The design relates to a car. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



FRONT PERSPECTIVE VIEW

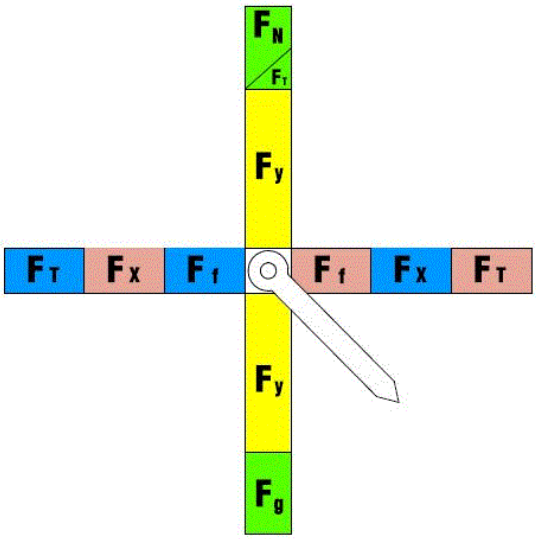
21: A2022/01261 22: 2022-10-12 23:
43: 2023-05-11
52: Class 21. 24: Part A
71: FERRARI S.P.A.
33: IB 31: DM/220315 32: 2022-04-13
54: Toy Car
57: The design relates to a toy car. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



FRONT PERSPECTIVE VIEW

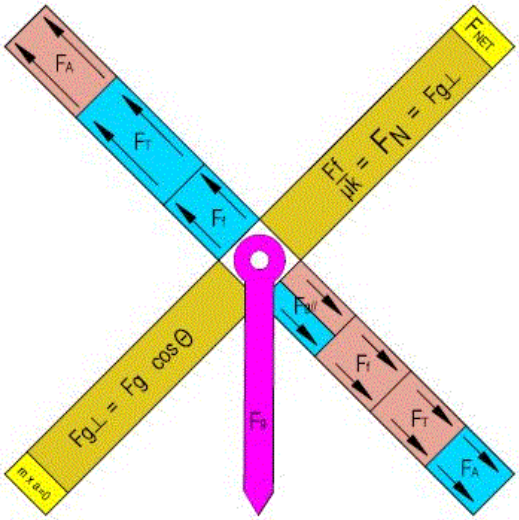
21: A2022/01282 22: 2022-10-13 23:
43: 2022-10-13
52: Class 19 24: Part A
71: LUTCHMAN, Castell Shoben
54: Educational Apparatuses

57: This design is for an educational apparatus comprising: a cross-like body; and a dial attached to a center of the body, wherein the body comprises a first arm and a second arm transversely extending relative to the first arm in cross-like fashion. The body defines opposite major faces, which each major face defines a plurality of segments. Each segment has indicia provided thereon substantially as shown in the accompanying representations. Each segment may be a particular colour and may correspond to another segment of the same colour on the opposite major face. Corresponding or related segments may have related indicia provided thereon. The dial is rotatable about an axis extending transversely from a plane along which the body extends.



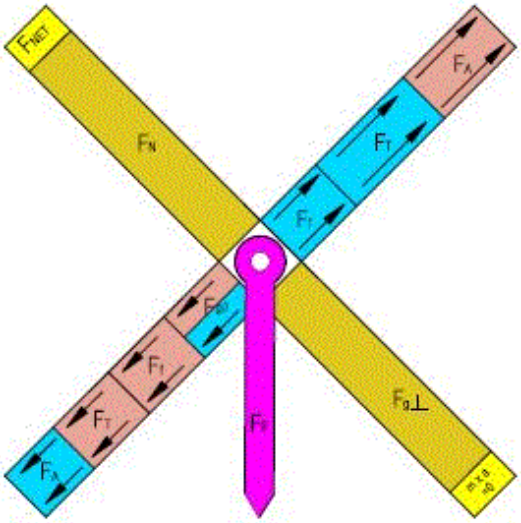
Plan view

21: A2022/01283 22: 2022-10-13 23:
43: 2022-10-13
52: Class 19 24: Part A
71: LUTCHMAN, Castell Shoben
54: Educational Apparatuses
57: This design is for an educational apparatus comprising a cross-like body having a first arm and a second arm transversely extending relative to the first arm in cross-like fashion. The body defines opposite major faces, wherein at least one major face defines a plurality of segments. The other major face may be blank. Each segment has indicia provided thereon substantially as shown in the accompanying representations. Each segment may be a particular colour and the indicia may be in the form of one or more equations as illustrated, particularly physical science equations. The apparatus also comprises a dial attached to a center of the body which is located at an intersection of the first and second arms. The dial is rotatable about an axis extending transversely from a plane along which the body extends.



Plan view

21: A2022/01284 22: 2022-10-13 23:
43: 2022-10-13
52: Class 19 24: Part A
71: LUTCHMAN, Castell Shoben
54: Educational Apparatuses
57: This design is for an educational apparatus comprising a cross-like body having a first arm and a second arm transversely extending relative to the first arm in cross-like fashion. The body defines opposite major faces, wherein at least one major face defines a plurality of segments. The other major face may be blank. Each segment has indicia provided thereon substantially as shown in the accompanying representations. Each segment may be a particular colour and the indicia may be in the form of one or more equations as illustrated, particularly physical science equations. The apparatus also comprises a dial attached to a center of the body which is located at an intersection of the first and second arms. The dial is rotatable about an axis extending transversely from a plane along which the body extends.



Plan view

21: A2022/01291 22: 2022-10-14 23:
43: 2022-04-15
52: Class 12 24: Part A
71: Chery Automobile Co., Ltd.
33: CN 31: 202230213067.9 32: 2022-04-15
54: CARS
57: The design is for a car and in particular for a sports utility vehicle having a silhouette with a tapered bonnet, a bow-shaped flowing windscreen and roofline, an inclined rear window, and a tailgate. A front face includes a rectangular radiator grille with a honeycomb pattern and includes a pair of slim, penetrating headlights with rearwardly extending ends connected by a horizontal light strip and vertical daytime running lights flanking the grille, resembling an S (sigma) symbol. A triangular air-intake grille is positioned adjacent to each daytime running light. A waistline runs along each side of the car below each window above hidden door handles. A sharp side skirt extends across a bottom of the doors. A rear includes an integrated spoiler, a horizontal light strip with tapered ends that wrap around each side, a pair of vertical taillights with angular ends, and two pairs of round exhaust outlets.

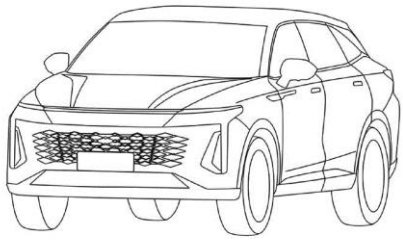


Figure 1

Three-dimensional view

21: A2022/01292 22: 2022-10-14 23:
43: 2022-04-15
52: Class 21 24: Part A
71: Puttshack LTD
33: US 31: 29/835,140 32: 2022-04-15
54: MINIATURE GOLF HOLES
57: The design is for a miniature golf hole having a plurality of obstacles resembling elements of an air hockey table. From front to back, a first, wider bridge is provided having a pair of short, inwardly inclined supports and a long crosspiece, the supports and the crosspiece having rectangular cross-sectional profiles. A pair of slidable elements is provided in tracks which are parallel to the first bridge, the slidable elements resembling air hockey strikers. A second, narrower bridge is provided, parallel to the first. The second bridge is provided on constricting outcrops, being similar in shape to the first, but having a much narrower and lower passthrough area defined underneath.

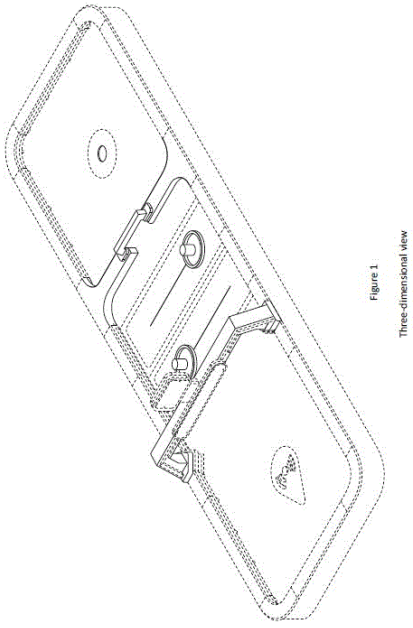
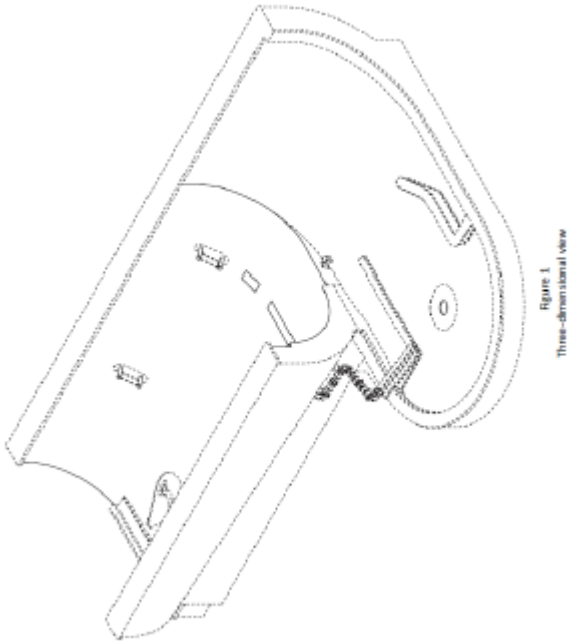


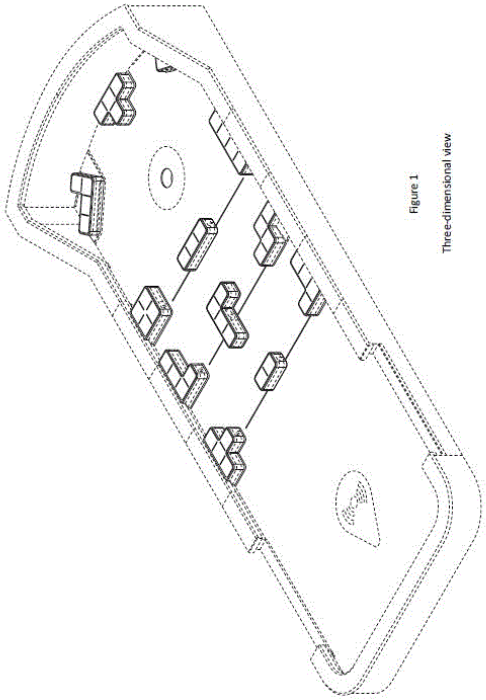
Figure 1

Three-dimensional view

21: A2022/01294 22: 2022-10-14 23:
43: 2022-04-15
52: Class 21 24: Part A
71: Puttshack LTD
33: US 31: 29/835,163 32: 2022-04-15
54: MINIATURE GOLF HOLES
57: The design is for a miniature golf hole which has an elongate halfpipe section leading to a shorter quarter-pipe section which is about half a length of the halfpipe section. A flat part of the quarter-pipe section leads to a curved wall. A series of poles are provided on curved walls of the halfpipe section.

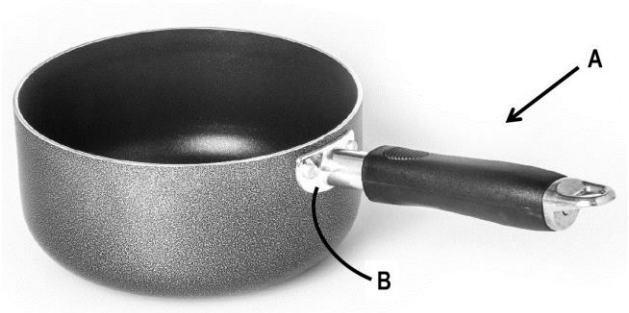


21: A2022/01295 22: 2022-10-14 23:
43: 2022-04-15
52: Class 21 24: Part A
71: Puttshack LTD
33: US 31: 29/835,164 32: 2022-04-15
54: MINIATURE GOLF HOLES
57: The design is for a miniature golf hole having a plurality of obstacles resembling blocks of a Tetris puzzle video game. The blocks are positioned at a centre and rear of the miniature golf hole. The blocks in the centre are arranged in an array of three rows and three columns. The blocks in a middle column are laterally slidable. The blocks at the rear are arranged in an arc behind a curved wall.

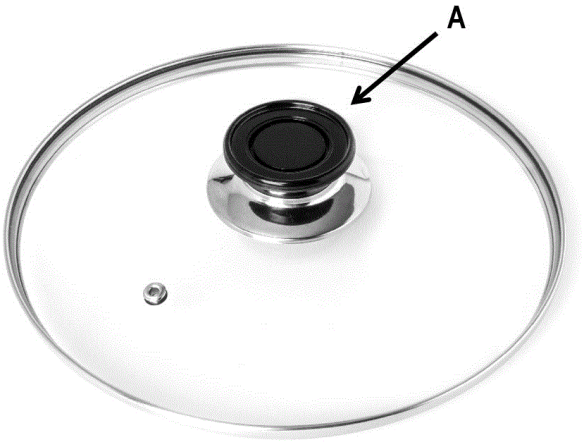


21: A2022/01301 22: 2022-10-17 23:
43: 2022-06-13
52: Class 7 24: Part A
71: SUN MA TRADING PTY LTD
54: HANDLES FOR COOKING POTS
57: The design is for a handle for a cooking pot, substantially as illustrated in the drawings.

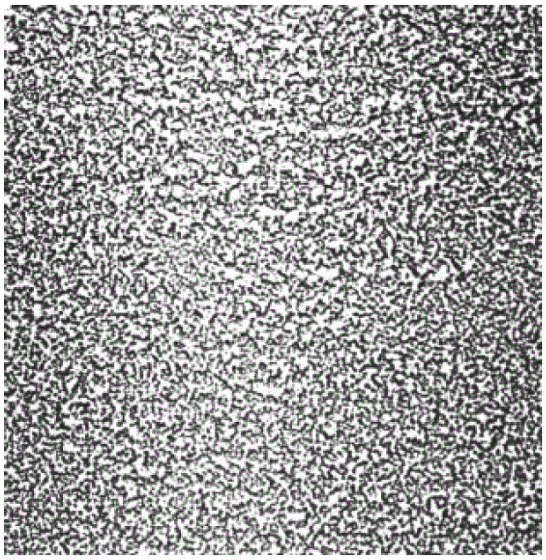
21: A2022/01302 22: 2022-10-17 23:
43: 2022-06-13
52: Class 7 24: Part A
71: SUN MA TRADING PTY LTD
54: HANDLES FOR SAUCEPANS AND PANS
57: The design is for a handle for a saucepan or pan, substantially as illustrated in the drawings.



21: A2022/01303 22: 2022-10-17 23:
43: 2022-06-13
52: Class 7 24: Part A
71: SUN MA TRADING PTY LTD
54: HANDLES FOR LIDS FOR COOKING POTS, SAUCEPANS, OR PANS
57: The design is for a handle for a lid for a cooking pot, saucepan, or pan, substantially as illustrated in the drawings.



21: A2022/01304 22: 2022-10-17 23:
43: 2022-06-13
52: Class 32 24: Part A
71: SUN MA TRADING PTY LTD
54: SURFACE PATTERN FOR COOKING POTS, SAUCEPANS, OR PANS
57: The design is for surface patterning for a cooking pot, saucepan, or pan, substantially as illustrated in the drawings.

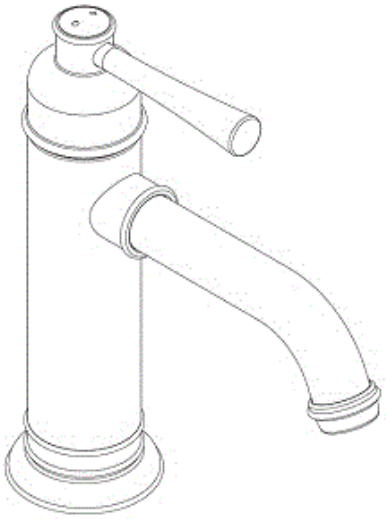


21: A2022/01305 22: 2022-10-17 23:
43: 2022-06-13
52: Class 7 24: Part A
71: SUN MA TRADING PTY LTD
54: SETS OF COOKING POTS
57: The design is for cooking pots of a set of cooking pots, substantially as illustrated in the drawings.

21: A2022/01306 22: 2022-10-17 23:
43: 2022-06-13
52: Class 7 24: Part A
71: SUN MA TRADING PTY LTD
54: SETS OF SAUCEPANS AND PANS
57: The design is for saucepans and pans of a set of saucepans and pans, substantially as illustrated in the accompanying drawings.

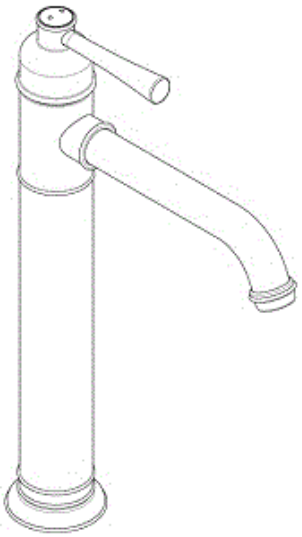
A SAUCEPAN OF THE SET OF A SAUCEPANS AND PANS

21: A2022/01322 22: 2022-10-20 23:
43: 2023-05-11
52: Class 23. 24: Part A
71: PHOENIX INDUSTRIES PTY LTD
33: AU 31: 202212278 32: 2022-04-21
54: Basin Mixer
57: The design relates to a basin mixer. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



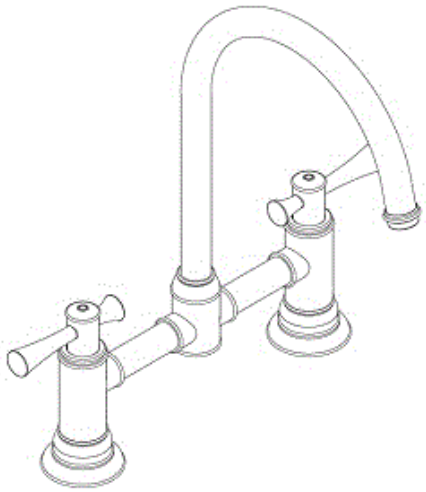
FRONT PERSPECTIVE VIEW

21: A2022/01323 22: 2022-10-20 23:
43: 2023-05-11
52: Class 23. 24: Part A
71: PHOENIX INDUSTRIES PTY LTD
33: AU 31: 202212279 32: 2022-04-21
54: Vessel Mixer
57: The design relates to a vessel mixer. The features of the design are those of shape and/or configuration and/or ornamentation.



FRONT PERSPECTIVE VIEW

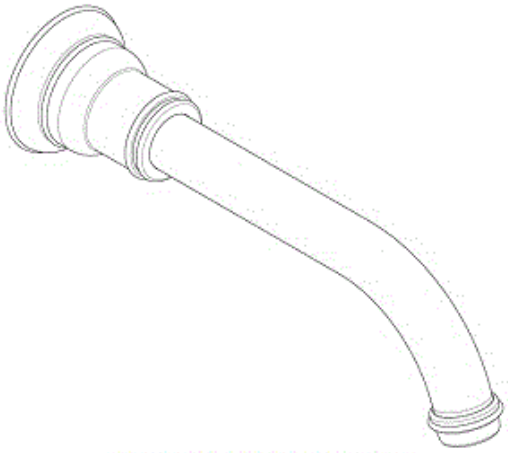
21: A2022/01324 22: 2022-10-20 23:
43: 2023-05-11
52: Class 23. 24: Part A
71: PHOENIX INDUSTRIES PTY LTD
33: AU 31: 202212280 32: 2022-04-21
54: Outlet and Tap Set
57: The design relates to outlet and tap set. The features of the design are those of shape and/or configuration and/or ornamentation.



FRONT PERSPECTIVE VIEW

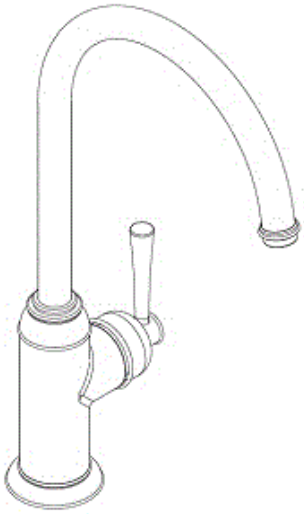
21: A2022/01325 22: 2022-10-20 23:
43: 2023-05-11
52: Class 23. 24: Part A
71: PHOENIX INDUSTRIES PTY LTD

33: AU 31: 202212281 32: 2022-04-21
54: Wall Outlet
57: The design relates to a wall outlet. The features of the design are those of shape and/or configuration and/or ornamentation.



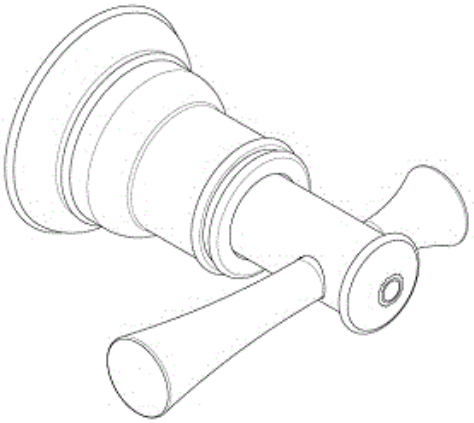
LEFT PERSPECTIVE VIEW

21: A2022/01326 22: 2022-10-20 23:
43: 2023-05-11
52: Class 23. 24: Part A
71: PHOENIX INDUSTRIES PTY LTD
33: AU 31: 202212282 32: 2022-04-21
54: Side Lever Sink Mixer
57: The design relates to a side lever sink mixer. The features of the design are those of shape and/or configuration and/or ornamentation.



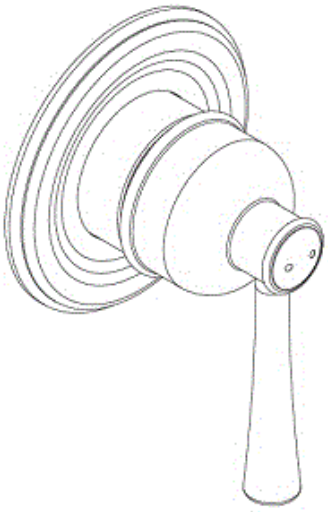
FRONT PERSPECTIVE VIEW

21: A2022/01327 22: 2022-10-20 23:
43: 2023-05-11
52: Class 23. 24: Part A
71: PHOENIX INDUSTRIES PTY LTD
33: AU 31: 202212283 32: 2022-04-21
54: Wall Mounted Tap
57: The design relates to a wall mounted tap. The features of the design are those of shape and/or configuration and/or ornamentation.



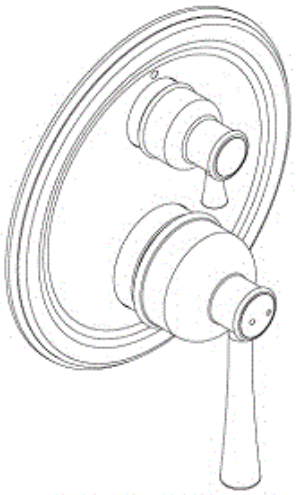
LEFT PERSPECTIVE VIEW

21: A2022/01328 22: 2022-10-20 23:
43: 2023-05-11
52: Class 23. 24: Part A
71: PHOENIX INDUSTRIES PTY LTD
33: AU 31: 202212284 32: 2022-04-21
54: Wall Shower Mixer Tap
57: The design relates to wall shower mixer tap. The features of the design are those of shape and/or configuration and/or ornamentation.



LEFT PERSPECTIVE VIEW

21: A2022/01329 22: 2022-10-20 23:
43: 2023-05-11
52: Class 23. 24: Part A
71: PHOENIX INDUSTRIES PTY LTD
33: AU 31: 202212285 32: 2022-04-21
54: Wall Shower Diverter and Mixer Tap
57: The design relates to a wall shower diverter and mixer tap. The features of the design are those of shape and/or configuration and/or ornamentation.



LEFT PERSPECTIVE VIEW

21: A2022/01332 22: 2022-10-21 23:
43: 2022-04-22
52: Class 24 24: Part A
71: Janssen Pharmaceuticals, Inc.
33: US 31: 29/835,957 32: 2022-04-22
54: VIAL HOLDERS
57: The design is for a vial holder that has a case-like body including opposed front and rear major rectangular faces, a rectangular base and top, and a pair of opposite rectangular side walls. The base, top, and side walls are substantially of the same size. Each of the front and rear faces comprises a pair of in-line first and second spaced apart windows at a top portion thereof. Each of the first and second windows on the front face are in register with corresponding first and second windows on the rear face. The first and second aligned windows are respectively in communication with first and second chambers defined in an upper region of the body and extending between the top and an inner bottom wall. First and second circular openings are defined on the top and respectively in communication with the first and second chambers. Each chamber has an arrangement of holding members including an upper ring member and lower triangular-shaped members.

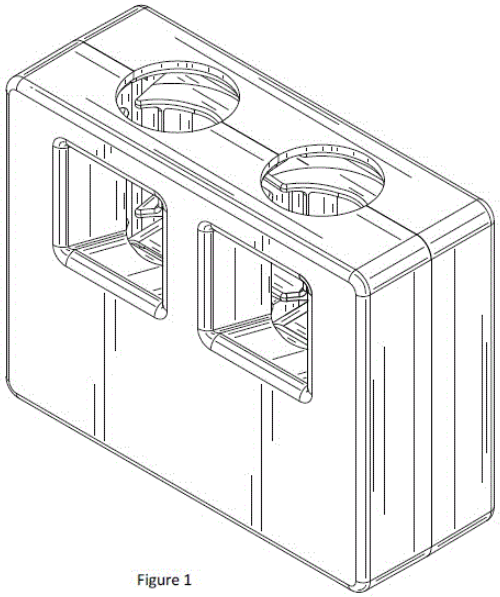


Figure 1

Three-dimensional view

21: A2022/01333 22: 2022-10-21 23:
43: 2022-04-22
52: Class 24 24: Part A
71: Janssen Pharmaceuticals, Inc.
33: US 31: 29/835,957 32: 2022-04-22
54: VIAL HOLDERS
57: The design is for a vial holder that has a case-like body including opposed front and rear major rectangular faces, a rectangular base and top, and a pair of opposite rectangular side walls. The base, top, and side walls are substantially of the same size. Each of the front and rear faces comprises a pair of in-line first and second spaced apart square-shaped windows at a top portion thereof. Each of the first and second windows on the front face are in register with corresponding first and second windows on the rear face. The first and second aligned windows are respectively in communication with first and second chambers defined in an upper region of the body and extending between the top and an inner bottom wall. First and second circular openings are defined on the top and respectively in communication with the first and second chambers. Each chamber has an arrangement of holding members including an upper ring member and lower triangular-shaped members.

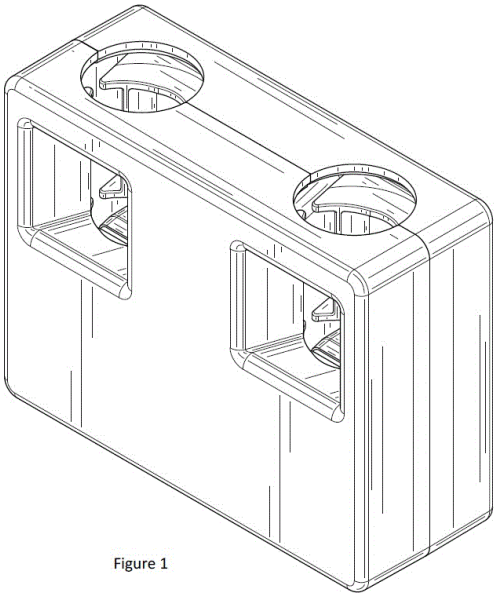


Figure 1

Three-dimensional view

21: A2022/01334 22: 2022-10-21 23:
43: 2022-04-22
52: Class 24 24: Part A
71: Janssen Pharmaceuticals, Inc.
33: US 31: 29/835,957 32: 2022-04-22
54: VIAL HOLDERS
57: The design is for a vial holder that has a case-like body including opposed front and rear major rectangular faces, a rectangular base and top, and a pair of opposite rectangular side walls. The base, top, and side walls are substantially of the same size. Each of the front and rear faces comprises a pair of in-line first and second spaced apart square-shaped windows at a top portion thereof. Each of the first and second windows on the front face are in register with corresponding first and second windows on the rear face. The first and second aligned windows are respectively in communication with first and second chambers defined in an upper region of the body and extending between the top and an inner bottom wall. First and second circular openings are defined on the top and respectively in communication with the first and second chambers. Each chamber has an arrangement of holding members including an upper ring member and lower triangular-shaped members.

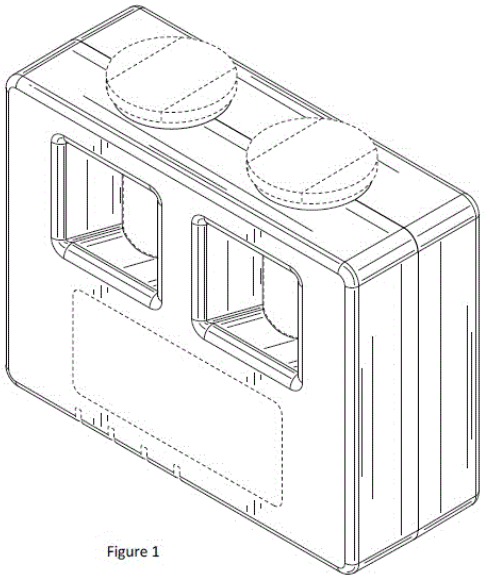


Figure 1

Three-dimensional view

21: A2022/01335 22: 2022-10-21 23:
43: 2022-04-22
52: Class 24 24: Part A
71: Janssen Pharmaceuticals, Inc.
33: US 31: 29/835,957 32: 2022-04-22
54: VIAL HOLDERS
57: The design is for a vial holder that has a case-like body including opposed front and rear major rectangular faces, a rectangular base and top, and a pair of opposite rectangular side walls. The base, top, and side walls are substantially of the same size. Each of the front and rear faces comprises a pair of in-line first and second spaced apart square-shaped windows at a top portion thereof. Each of the first and second windows on the front face are in register with corresponding first and second windows on the rear face. The first and second aligned windows are respectively in communication with first and second chambers defined in an upper region of the body. The first and second chambers are arranged to accommodate a vial, in use.

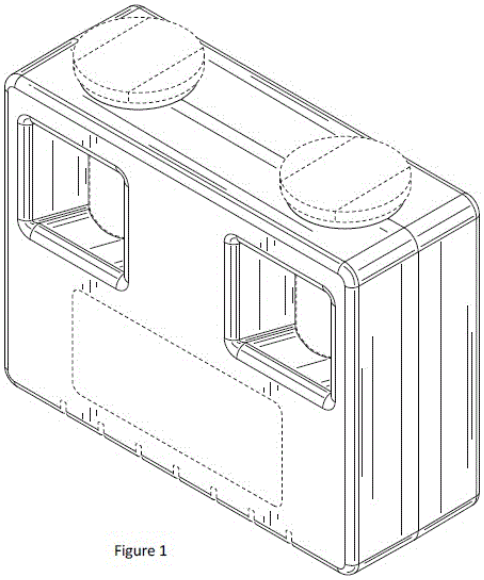
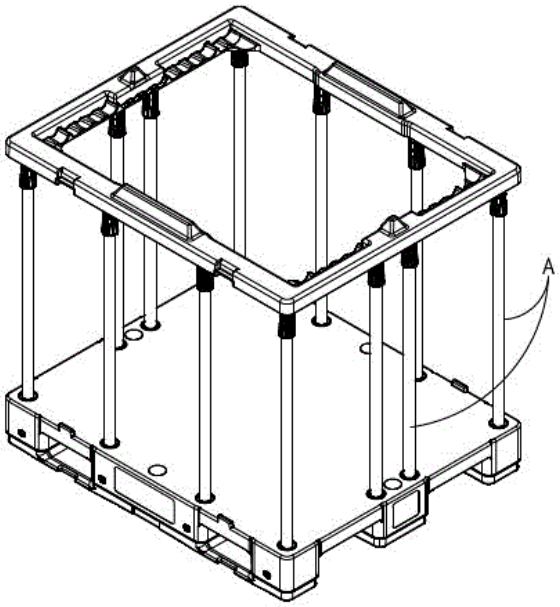


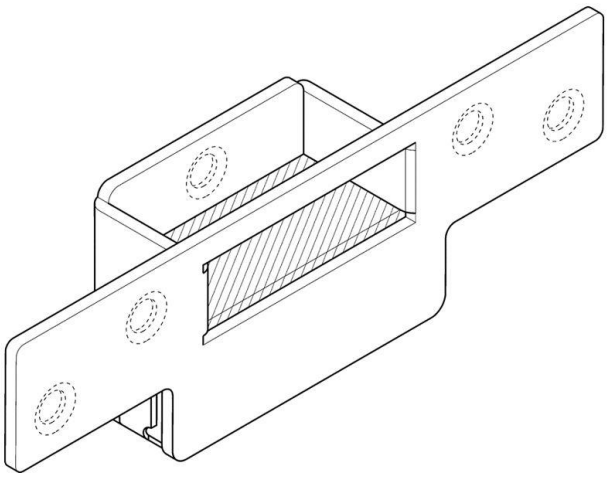
Figure 1

Three-dimensional view

21: A2022/01338 22: 2022-10-21 23:
43: 2022-10-21
52: Class 9 24: Part A
71: ALMAR PACKAGING (PTY) LTD
54: Bag supports
57: The design is in respect of a bulk bag support which includes a pallet, a top ring and a plurality of load bearing struts. The bag support is displaceable between an erect condition in which end portions of the load bearing struts are received in complementary holes in the pallet and top ring in order to maintain the pallet and top ring in a desired spatial relationship, and a collapsed condition in which the top ring rests directly on the pallet and the support struts are stowed in complementary recesses provided on the top ring.



21: A2022/01342 22: 2022-10-24 23:
43: 2023-05-11
52: Class 10 24: Part A
71: DE VILLIERS, Marius de Wet
54: LATCH STRIKE PLATE
57: The design is applied to a latch strike plate. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of the latch strike plate, substantially as illustrated in the accompanying representation.



THREE-DIMENSIONAL TOP VIEW

21: A2022/01346 22: 2022-10-26 23:
43: 2023-05-11
52: Class 14. 24: Part A
71: LG ELECTRONICS INC.

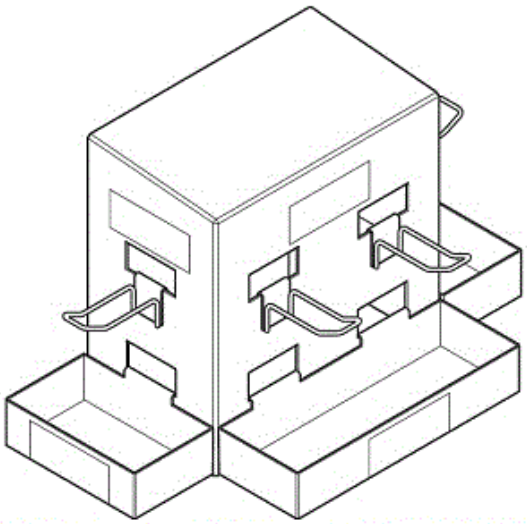
33: KR 31: 30-2022-0022899 32: 2022-06-09
54: AV Receiver
57: The design relates to an AV receiver. The features of the design are those of shape and/or configuration and/or ornamentation.

FRONT PERSPECTIVE VIEW

21: A2022/01347 22: 2022-10-26 23:
43: 2023-05-11
52: Class 14. 24: Part A
71: LG ELECTRONICS INC.
33: KR 31: 30-2022-0022900 32: 2022-06-09
54: AV Receiver
57: The design relates to an AV receiver. The features of the design are those of shape and/or configuration and/or ornamentation.

FRONT PERSPECTIVE VIEW

21: A2022/01364 22: 2022-10-28 23:
43: 2023-05-11
52: Class 20. 24: Part A
71: SMART CART (PTY) LTD
54: A Merchandise Display
57: The design relates to a merchandise display. The features of the design are those of shape and/or configuration.



PERSPECTIVE VIEW OF THE SEVENTH EMBODIMENT

21: A2022/01365 22: 2022-10-28 23:
43: 2023-05-11
52: Class 19. 24: Part A
71: STAEDTLER MARS GMBH & CO. KG
33: IB 31: DM/221307 32: 2022-05-25
54: Pencil
57: The design relates to a pencil. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

PERSPECTIVE VIEW

21: A2022/01366 22: 2022-10-28 23:
43: 2023-05-11
52: Class 19. 24: Part A
71: STAEDTLER MARS GMBH & CO. KG
33: IB 31: DM/221307 32: 2022-05-25
54: Pencil
57: The design relates to a pencil. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

PERSPECTIVE VIEW

21: A2022/01367 22: 2022-10-28 23:
43: 2023-05-11
52: Class 19. 24: Part A
71: STAEDTLER MARS GMBH & CO. KG
33: IB 31: DM/221307 32: 2022-05-25
54: Pencil
57: The design relates to a pencil. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

PERSPECTIVE VIEW

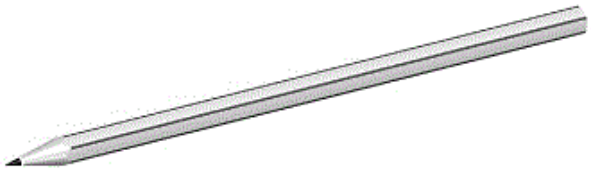
21: A2022/01368 22: 2022-10-28 23:
43: 2023-05-11
52: Class 19. 24: Part A
71: STAEDTLER MARS GMBH & CO. KG
33: IB 31: DM/221307 32: 2022-05-25
54: Pencil
57: The design relates to a pencil. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

PERSPECTIVE VIEW

21: A2022/01369 22: 2022-10-28 23:
43: 2023-05-11
52: Class 19. 24: Part A
71: STAEDTLER MARS GMBH & CO. KG
33: IB 31: DM/221307 32: 2022-05-25
54: Pencil
57: The design relates to a pencil. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

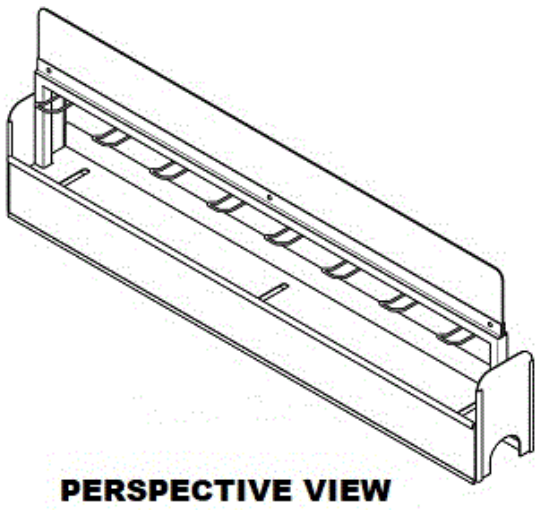
PERSPECTIVE VIEW

21: A2022/01370 22: 2022-10-28 23:
43: 2023-05-11
52: Class 19. 24: Part A
71: STAEDTLER MARS GMBH & CO. KG
33: IB 31: DM/221307 32: 2022-05-25
54: Pencil
57: The design relates to a pencil. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



PERSPECTIVE VIEW

21: A2022/01379 22: 2022-10-31 23:
43: 2023-05-11
52: Class 20. 24: Part A
71: SMART CART (PTY) LTD
54: A Merchandise Display
57: The design relates to a merchandise display. The features of the design are those of shape and/or configuration.



21: A2022/01430 22: 2022-11-10 23:
43: 2023-07-04
52: Class 23 24: Part A
71: HANSGROHE SE
33: EU 31: 009024987-0006 32: 2022-05-12
54: WASHBASIN
57: The features of the design for which protection is claimed are those of the shape and/or configuration of the washbasin substantially as illustrated in the accompanying drawing.

21: A2022/01431 22: 2022-11-10 23:
43: 2023-07-04
52: Class 23 24: Part A
71: HANSGROHE SE
33: EU 31: 009024987-0007 32: 2022-05-12
54: WASHBASIN
57: The features of the design for which protection is claimed are those of the shape and/or configuration of the washbasin substantially as illustrated in the accompanying drawing.

21: A2022/01476 22: 2022-11-16 23:
43: 2023-06-07
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: A2022/01480 22: 2022-11-16 23:
43: 2023-06-09
52: Class 23 24: Part A
71: BLUESUN CONSUMER BRANDS, S.L.
33: EU 31: 009027725-0002 32: 2022-05-17
54: DEODORANT HOLDER
57: The design is applied to sanitaryware and specifically to a container or holder to hold a deodorant or deodoriser. The shape and/or configuration and/or pattern and/or ornamentation of

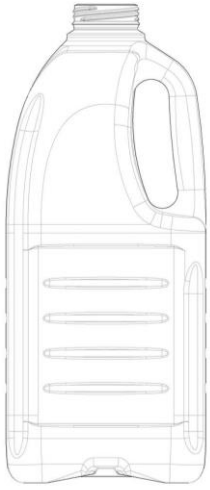
the deodorant container is illustrated in the accompanying representation(s).

21: A2022/01481 22: 2022-11-16 23:
43: 2023-06-09
52: Class 23 24: Part A
71: BLUESUN CONSUMER BRANDS, S.L.
33: EU 31: 009027725-0003 32: 2022-05-17
54: DEODORANT HOLDER
57: The design is applied to sanitaryware and specifically to a container or holder to hold a deodorant or deodoriser. The shape and/or configuration and/or pattern and/or ornamentation of the deodorant container is illustrated in the accompanying representation(s).

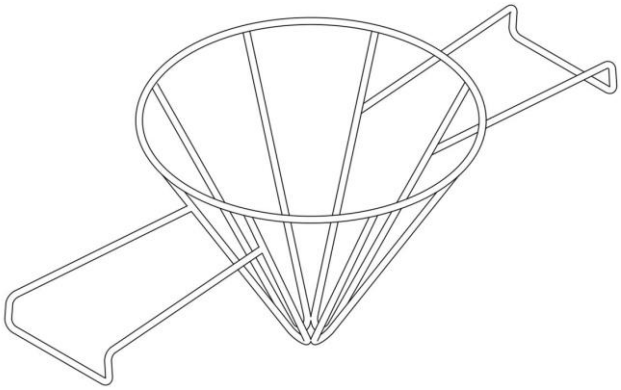
21: A2022/01483 22: 2022-11-16 23:
43: 2023-06-07
52: Class 23 24: Part A
71: BLUESUN CONSUMER BRANDS, S.L.
33: EU 31: 009027725-0005 32: 2022-05-17
54: DEODORANT HOLDER
57: The design is applied to sanitaryware and specifically to a container or holder to hold a deodorant or deodoriser. The shape and/or configuration and/or pattern and/or ornamentation of the deodorant container is illustrated in the accompanying representation(s).

21: A2022/01485 22: 2022-11-17 23:
43: 2023-06-07
52: Class 09 24: Part A
71: Polyoak Packaging (Pty) Ltd
54: BOTTLE
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).

21: A2022/01489 22: 2022-11-17 23:
43: 2023-06-07
52: Class 09 24: Part A
71: Polyoak Packaging (Pty) Ltd
54: BOTTLE
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).

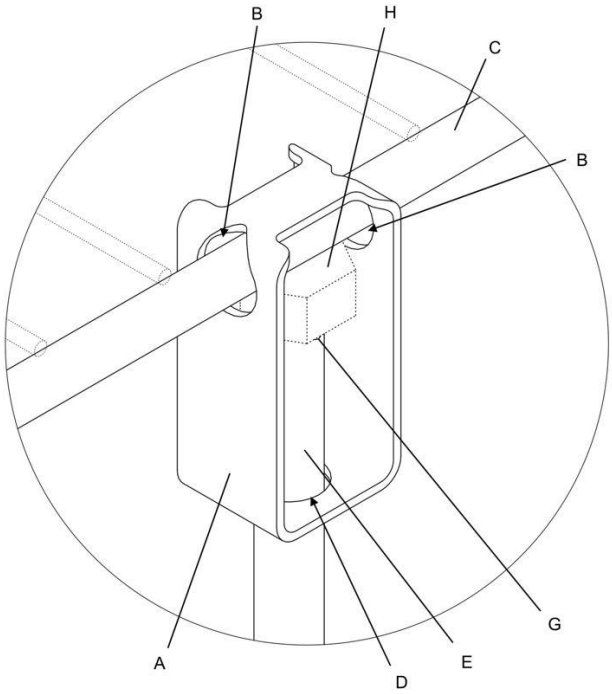


21: A2022/01494 22: 2022-11-17 23:
43: 2023-06-07
52: Class 07 24: Part A
71: STYLE IN STAINLESS CC T/A STEELCRAFT
54: OIL STRAINER
57: The design is applied to an oil strainer. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern and/or ornamentation of the oil strainer, substantially as illustrated in the accompanying representation.



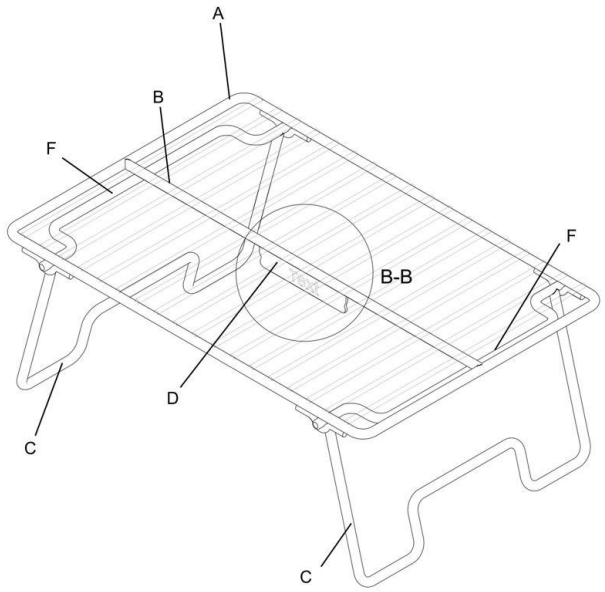
THREE-DIMENSIONAL VIEW

21: A2022/01498 22: 2022-11-17 23:
43: 2023-06-07
52: Class 07 24: Part A
71: STYLE IN STAINLESS CC T/A STEELCRAFT
54: SHAFT SHACKLE
57: The design is applied to a shaft shackle. The features of the design for which protection is claimed are those of the shape and/or configuration of the shaft shackle, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.



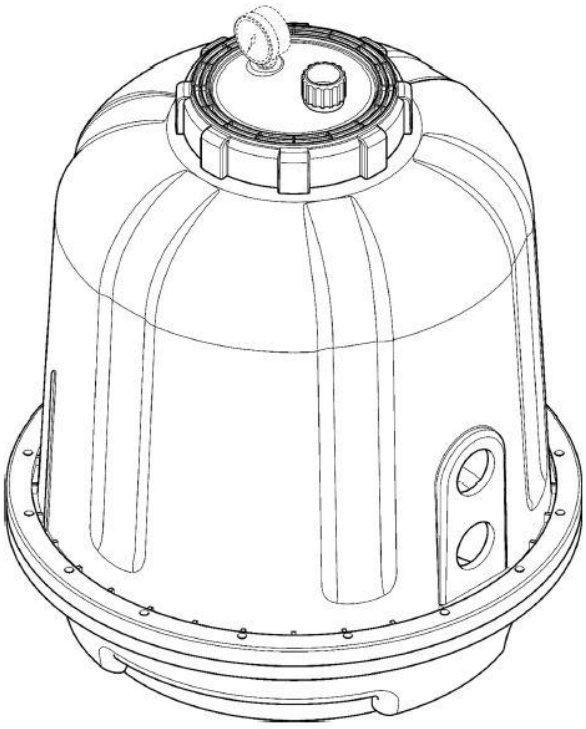
THREE-DIMENSIONAL DETAILED VIEW OF A-A – LOCKED CONDITION

21: A2022/01500 22: 2022-11-17 23:
43: 2023-06-07
52: Class 07 24: Part A
71: STYLE IN STAINLESS CC T/A STEELCRAFT
54: BARBEQUE STAND
57: The design is applied to a barbeque stand. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of the barbeque stand, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.

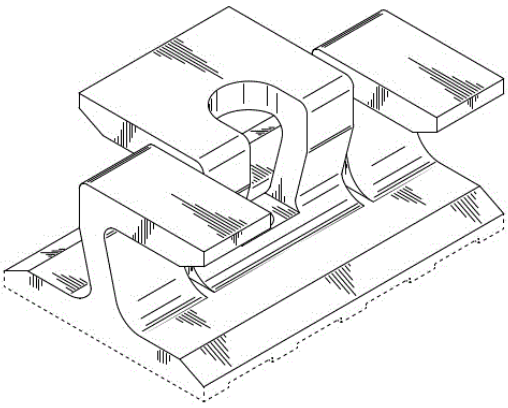


THREE-DIMENSIONAL VIEW – OPEN CONDITION

21: A2022/01512 22: 2022-11-23 23:
43: 2023-06-07
52: Class 23 24: Part A
71: SCHEWITZ, Larry
54: A WATER FILTER
57: The design is applied to a water filter. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the water filter, substantially as illustrated in the accompanying representation.

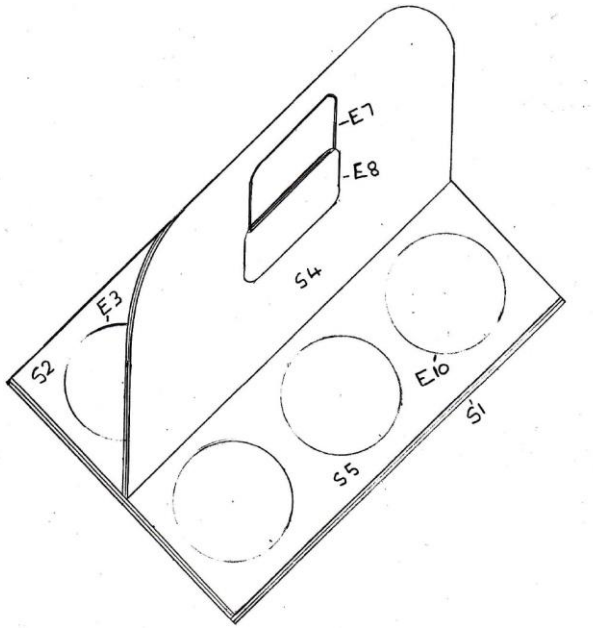


21: A2022/01527 22: 2022-11-28 23:
43: 2023-06-09
52: Class 8 24: Part A
71: NOVA USA WOOD PRODUCTS, LLC
33: US 31: 29/842,013 32: 2022-06-09
54: CLIP
57: The design is to be applied to a clip. The features for which protection is claimed are those of shape and/or configuration, substantially as shown in the representations. The broken lines are for illustrative purposes only and form no part of the claimed design.



TOP ISOMETRIC VIEW

21: A2023/00411 22: 2023-03-31 23:
43: 2023-06-19
52: Class 09 24: Part A
71: FREDERICK CHARLES HITZEROTH
54: FOLDABLE AND COLLAPSIBLE MULTIPLE BEVERAGE CARRIER
57: The Aesthetic Design features on one flat sheet of carbon, showing all the features, sections and elements to form a foldable and Collapsible Multiple Beverage Carrier. The sections marked on the drawings S1, S2, Ext, are the areas where the functional elements are. The elements are marked E1, E2, Ext. The elements, the folding crease lines, the receiving aperture and the locking elements and bond to complete the forming of the carrier with vertical handle and carrying slot, and showing the two sides apetures to receive the multiple beverages. The designs have no tray like elements or a bottom layer of an beverage supporting base.

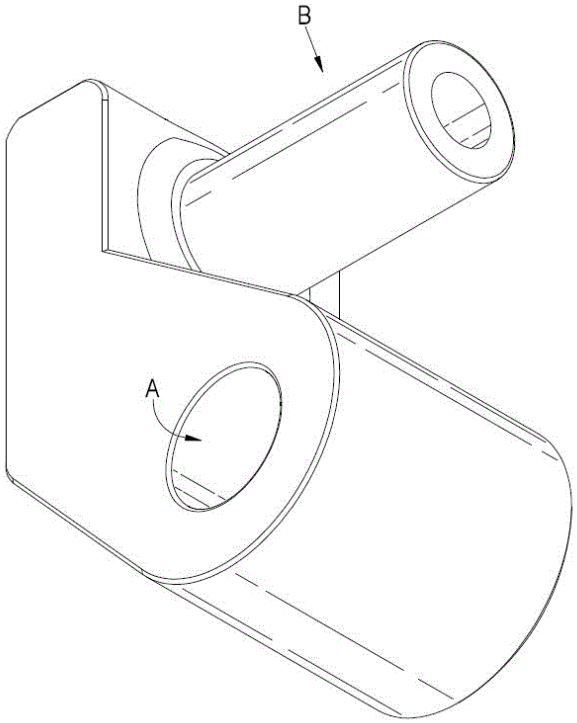


21: A2023/00518 22: 2023-04-28 23:
43: 2023-06-13
52: Class 9 24: Part A
71: OCUSUN OPHTHALMIC PHARMACEUTICAL (GUANGZHOU) CO., LTD., GUANGZHOU OCUSUN OPHTHALMIC BIOTECHNOLOGY CO., LTD.
33: CN 31: 2022307435160 32: 2022-11-08
54: EYEDROP BOTTLE
57: The design relates to a Eyedrop bottle. The features of the design are those of shape and/or pattern and/or configuration and/or ornamentation.

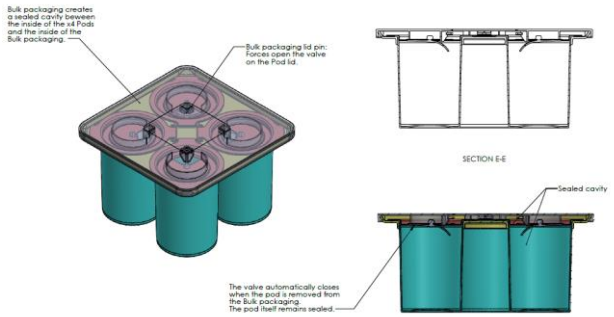
21: A2023/00686 22: 2023-06-12 23:
43: 2023-06-29
52: Class 13 24: Part A
71: HENCA (HONG KONG) LIMITED
54: PORTABLE BACKUP POWER SUPPLIES
57: The design relates to a Portable backup power supplies. The feature of the design is that of shape.

21: A2023/00687 22: 2023-06-12 23:
43: 2023-07-10
52: Class 13 24: Part A
71: HENCA (HONG KONG) LIMITED
54: PORTABLE BACKUP POWER SUPPLIES
57: The design relates to a Portable backup power supplies. The feature of the design is that of shape.

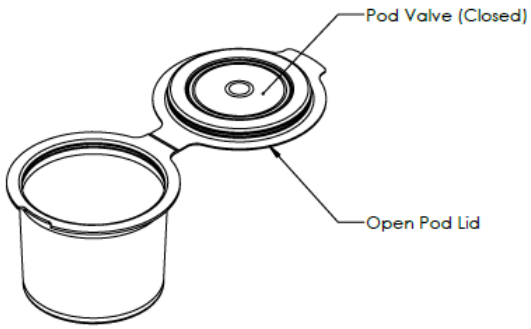
21: F2022/00207 22: 2022-02-28 23:
43: 2022-02-28
52: Class 12 24: Part F
71: VICTOR, Paul
54: MOUNTING DEVICE FOR A SHOCK ABSORBER FOR A VEHICLE
57: The design is for a mounting device for a shock absorber for a vehicle, substantially as shown in the accompanying representations.



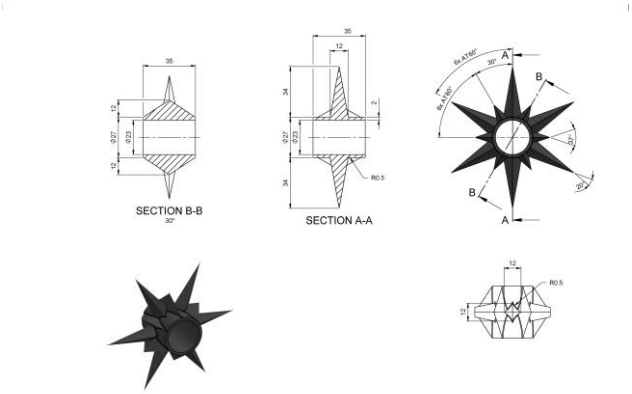
21: F2022/00607 22: 2022-05-31 23:
43: 2023-01-19
52: Class 09 24: Part F
71: Tautomer Biosciences (Pty) Ltd
54: CONTAINER TOGETHER WITH A BULK PACKAGING TRAY, WHICH TOGETHER ACT AS A CONTAINER AND HUMIDITY CONTROL SYSTEM USED FOR THE STORING OF MEDICAL GRADE AND NON-MEDICAL GRADE HERBAL PRODUCT
57: The article comprises a pod which acts as a container together with a bulk packaging tray, which together act as a container and humidity control system used for the storing of medical grade and non-medical grade herbal product whilst preserving its chemical integrity.



21: F2022/00608 22: 2022-05-31 23:
43: 2023-01-19
52: Class 09 24: Part F
71: Tautomer Biosciences (Pty) Ltd
54: CONTAINER USED FOR THE STORING OF MEDICAL AND NON-MEDICAL GRADE HERBAL PRODUCT WHILST PRESERVING ITS CHEMICAL INTEGRITY
57: The article comprises a pod which acts as a container used for the storing of medical and non-medical grade herbal product whilst preserving its chemical integrity.



21: F2022/00991 22: 2022-08-26 23:
43: 2023-03-09
52: Class 08 24: Part F
71: Wheeler Enterprise (PTY) Ltd
54: ROTATING SECURITY SPIKES
57: The article comprises a series of rotating security spikes assembled around a circular circumference, which may be combined with other such rotating security spikes in a row or multiple rows to be mounted on walls or other surfaces, to prevent access by persons beyond those spikes.



21: F2022/01001 22: 2022-08-26 23:
43: 2023-06-05
52: Class 15 24: Part F
71: ROVIC AND LEERS (PTY) LTD
54: ADJUSTING RACK
57: The design is applied to an adjusting rack. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the adjusting rack, substantially as illustrated in the accompanying representations of Figures 1 to 8.

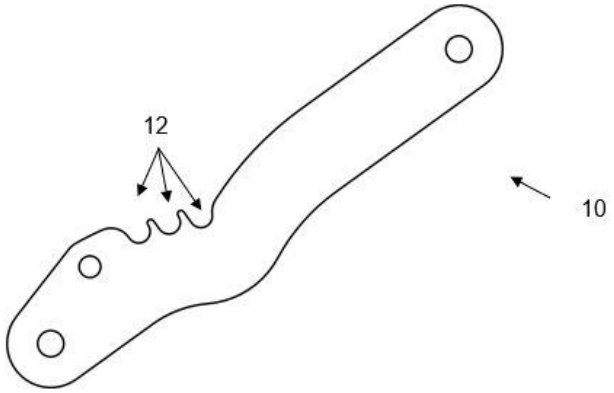
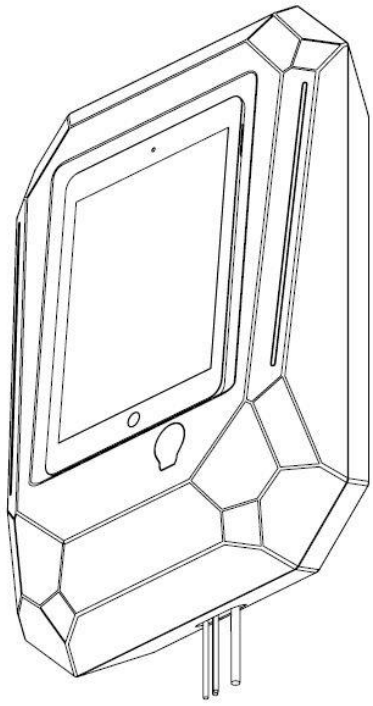


FIGURE 1
FRONT VIEW

21: F2022/01046 22: 2022-09-05 23:
43: 2023-04-14
52: Class 13 24: Part F
71: GREEN SHARE ENERGY (PTY) LTD
54: COMPUTING UNIT
57: The design relates to a COMPUTING UNIT substantially as shown. The features of the design are those of shape and/or configuration and/or pattern.



21: F2022/01274 22: 2022-10-13 23:
43: 2023-05-12
52: Class 8 24: Part F
71: VALOTECH 181 CC
54: FIBRE BOLT SPLIT SET
57: A Bolt Composite Split Set as shown in the representations.

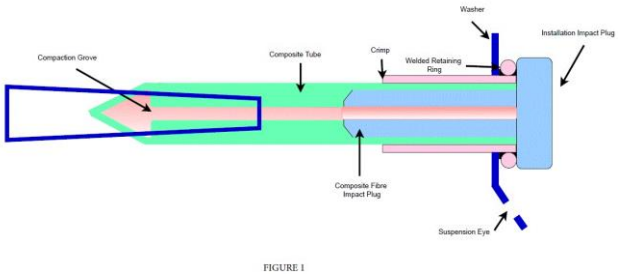


FIGURE 1

21: F2022/01275 22: 2022-10-13 23:
43: 2023-05-12
52: Class 8 24: Part F
71: VALOTECH 181 CC
54: COMPOSITE SUSPENSION BOLT
57: A suspension bolt as shown in the representations.

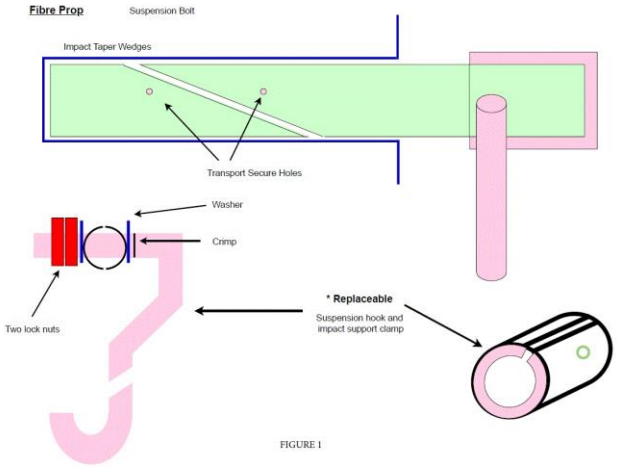
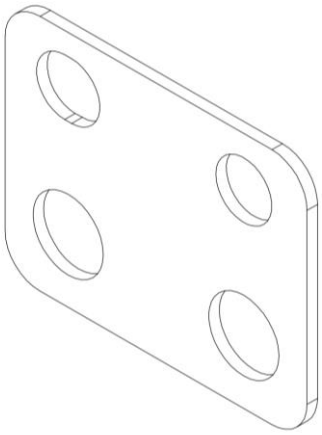


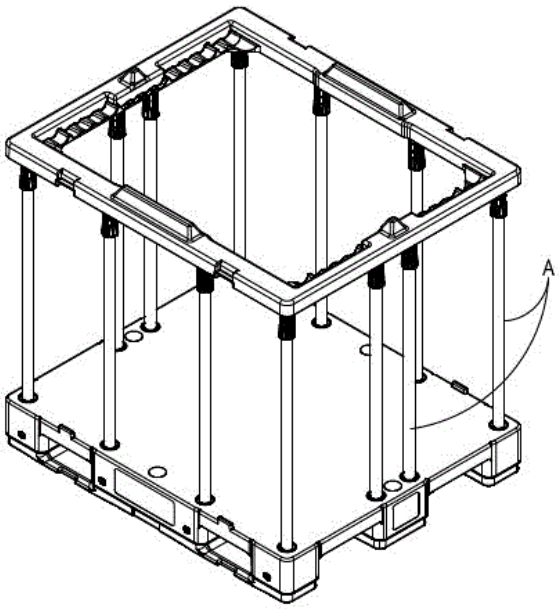
FIGURE 1

21: F2022/01331 22: 2022-10-21 23:
43: 2023-05-12
52: Class 08 24: Part F
71: EHLERS, Jan Gerhardus
54: WEAR PLATES
57: The design is for a wear plate, more specifically, a sacrificial plate which is shaped and dimensioned to match an outer profile of a roller chain link. The wear plate is defined by a substantially rectangular shape with four rounded corners. Furthermore, the wear plate includes four circular apertures, each aperture spaced radially inwards from a respective corner of the wear plate, which spacing is indexed to match apertures on the outer profile of the roller chain link. The two apertures arranged on a lower end of the wear plate, comprises of a larger diameter compared to the two circles disposed on an upper end of the wear plate. In use, the wear plate prevents the roller chain link from being abraded.

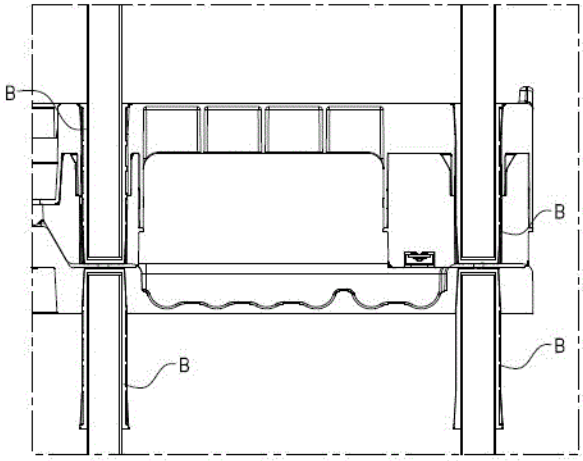


Three-dimensional view of a wear plate

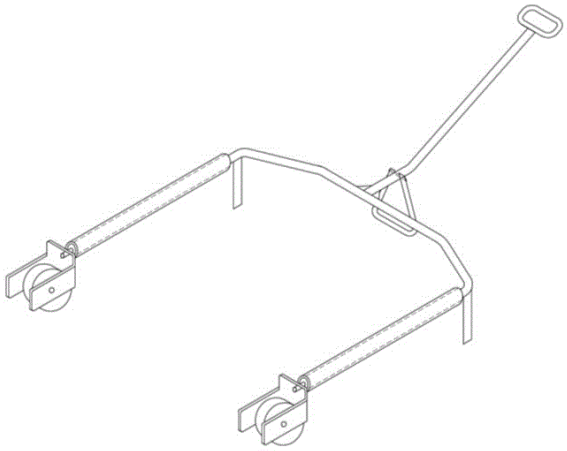
21: F2022/01336 22: 2022-10-21 23:
43: 2022-10-21
52: Class 9 24: Part F
71: ALMAR PACKAGING (PTY) LTD
54: Bag supports
57: The design is in respect of a bulk bag support which includes a pallet, a top ring and a plurality of load bearing struts. The bag support is displaceable between an erect condition in which end portions of the load bearing struts are received in complementary holes in the pallet and top ring in order to maintain the pallet and top ring in a desired spatial relationship, and a collapsed condition in which the top ring rests directly on the pallet and the support struts are stowed in complementary recesses provided on the top ring.



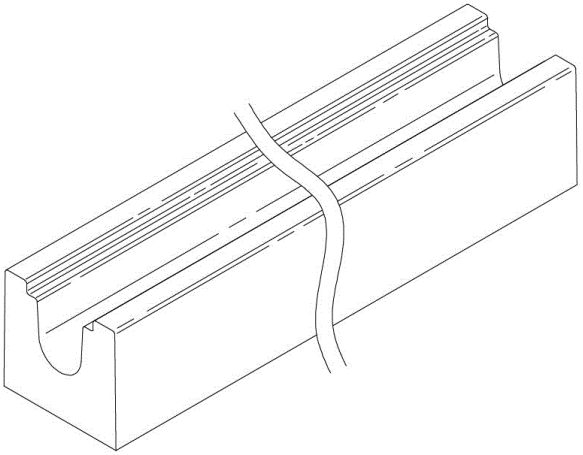
21: F2022/01337 22: 2022-10-21 23:
43: 2022-10-21
52: Class 9 24: Part F
71: ALMAR PACKAGING (PTY) LTD
54: Bag supports
57: The design is in respect of a bulk bag support which includes a pallet, a top ring and a plurality of load bearing struts. The bag support is displaceable between an erect condition in which end portions of the load bearing struts are received in complementary holes in the pallet and top ring in order to maintain the pallet and top ring in a desired spatial relationship, and a collapsed condition in which the top ring rests directly on the pallet and the support struts are stowed in complementary recesses provided on the top ring. Each load bearing strut includes an elongate support element and a load distribution arrangement marked B is mounted to each end of the support element and comprises a steel disk which is held in abutment with an end of the support element by means of a cap which fits over the disk and an end portion of the support element. This arrangement serves to distribute the load transmitted between a load bearing strut and the pallet or top ring, as the case may be, over the entire area of the disk.



21: F2022/01345 22: 2022-10-26 23:
43: 2023-05-19
52: Class 8 24: Part F
71: OLIVER, Fred, Abraham
54: A WHEEL LIFTING DEVICE
57: The design relates to a wheel lifting device. The features of the design are those of shape and/or configuration.



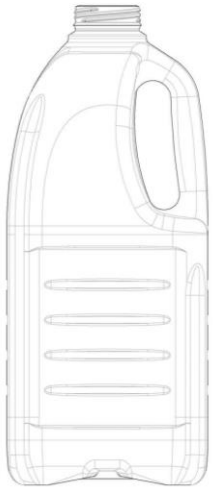
21: F2022/01349 22: 2022-10-26 23:
43: 2022-10-26
52: Class 25 24: Part F
71: Prinro Decking (Pty) Ltd
54: BUILDING ELEMENTS
57: The design is for a building element of indefinite length, substantially as shown in the representations.



21: F2022/01477 22: 2022-11-16 23:
43: 2023-06-07
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).

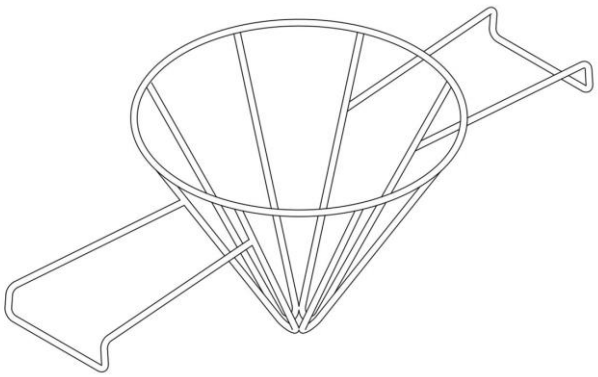
21: F2022/01486 22: 2022-11-17 23:
43: 2023-06-07
52: Class 09 24: Part F
71: Polyoak Packaging (Pty) Ltd
54: BOTTLE
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).

21: F2022/01488 22: 2022-11-17 23:
43: 2023-06-07
52: Class 09 24: Part F
71: Polyoak Packaging (Pty) Ltd
54: BOTTLE
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).



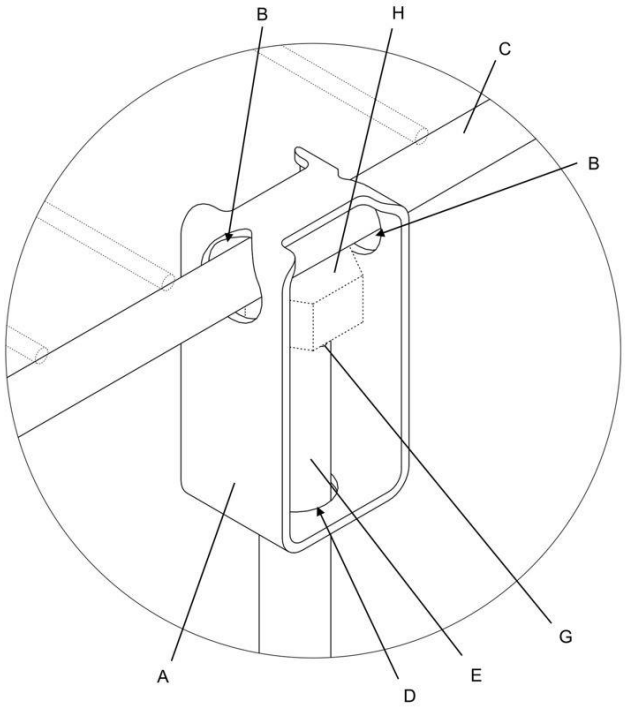
21: F2022/01490 22: 2022-11-17 23:
43: 2023-06-07
52: Class 09 24: Part F
71: Polyoak Packaging (Pty) Ltd
54: BOTTLE
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).

21: F2022/01497 22: 2022-11-17 23:
43: 2023-06-07
52: Class 07 24: Part F
71: STYLE IN STAINLESS CC T/A STEELCRAFT
54: OIL STRAINER
57: The design is applied to an oil strainer. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the oil strainer, substantially as illustrated in the accompanying representation.



THREE-DIMENSIONAL VIEW

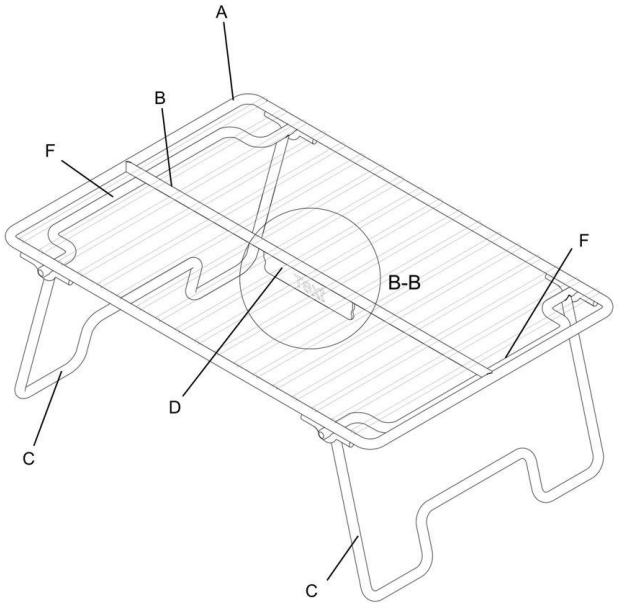
21: F2022/01499 22: 2022-11-17 23:
43: 2023-06-07
52: Class 07 24: Part F
71: STYLE IN STAINLESS CC T/A STEELCRAFT
54: SHAFT SHACKLE
57: The design is applied to a shaft shackle. The features of the design for which protection is claimed are those of the shape and/or configuration of the shaft shackle, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.



THREE-DIMENSIONAL DETAILED VIEW OF A-A – LOCKED CONDITION

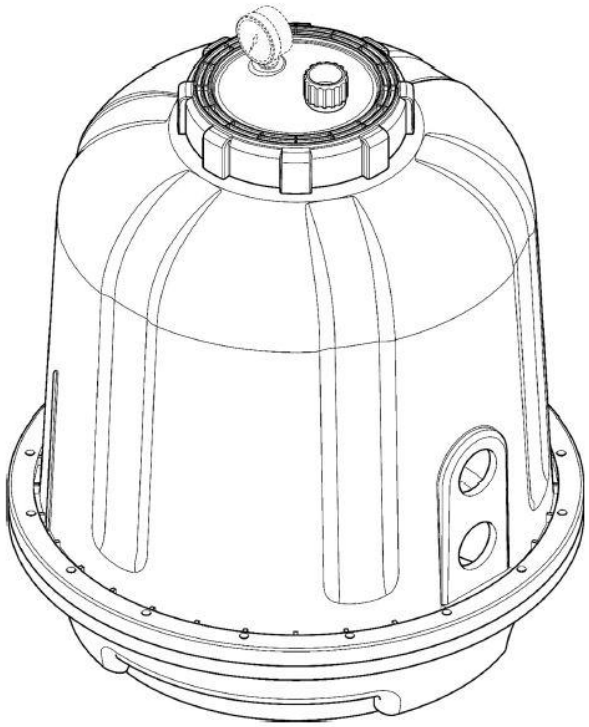
21: F2022/01501 22: 2022-11-17 23:

43: 2023-06-07
52: Class 07 24: Part F
71: STYLE IN STAINLESS CC T/A STEELCRAFT
54: BARBEQUE STAND
57: The design is applied to a barbeque stand. The features of the design for which protection is claimed are those of the shape and/or configuration of the barbeque stand, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.

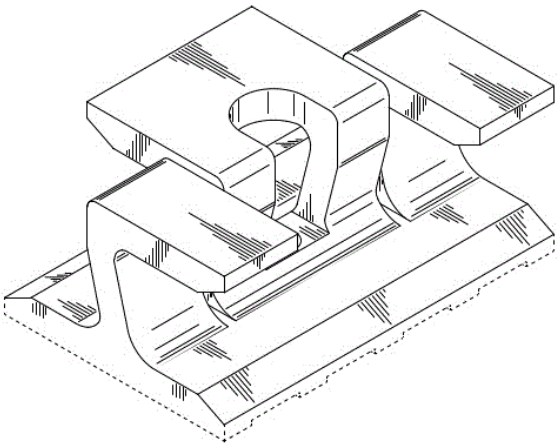


THREE-DIMENSIONAL VIEW – OPEN CONDITION

21: F2022/01513 22: 2022-11-23 23:
43: 2023-06-07
52: Class 23 24: Part F
71: SCHEWITZ, Larry
54: A WATER FILTER
57: The design is applied to a water filter. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the water filter, substantially as illustrated in the accompanying representation.



21: F2022/01526 22: 2022-11-28 23:
43: 2023-06-09
52: Class 8 24: Part F
71: NOVA USA WOOD PRODUCTS, LLC
33: US 31: 29/842,013 32: 2022-06-09
54: CLIP
57: The design is to be applied to a clip. The features for which protection is claimed are those of shape and/or configuration, substantially as shown in the representations. The broken lines are for illustrative purposes only and form no part of the claimed design.



TOP ISOMETRIC VIEW

21: F2023/00438 22: 2023-03-31 23:
43: 2023-06-19
52: Class 09 24: Part F
71: FREDERICK CHARLES HITZEROTH
54: FOLDABLE AND COLLAPSIBLE MULTIPLE BEVERAGE CARRIER
57: The functional design features on one flat sheet of carton showing the functional elements, to fold, to bond and locking features to form a foldable and collapsible beverage carrier complete with receiving apetures for plastic beverage classes, coffe cups and the like with a vertical carrying handle slot a safe distance from the top of the beverages to prevent spillage to reach the carrying hand, particularly true with multiple hot beverages. The main functional objectives of the design are to provide a carrier for multiple beverages form two, four and six, with no tray like elements for a beverage supporting base.

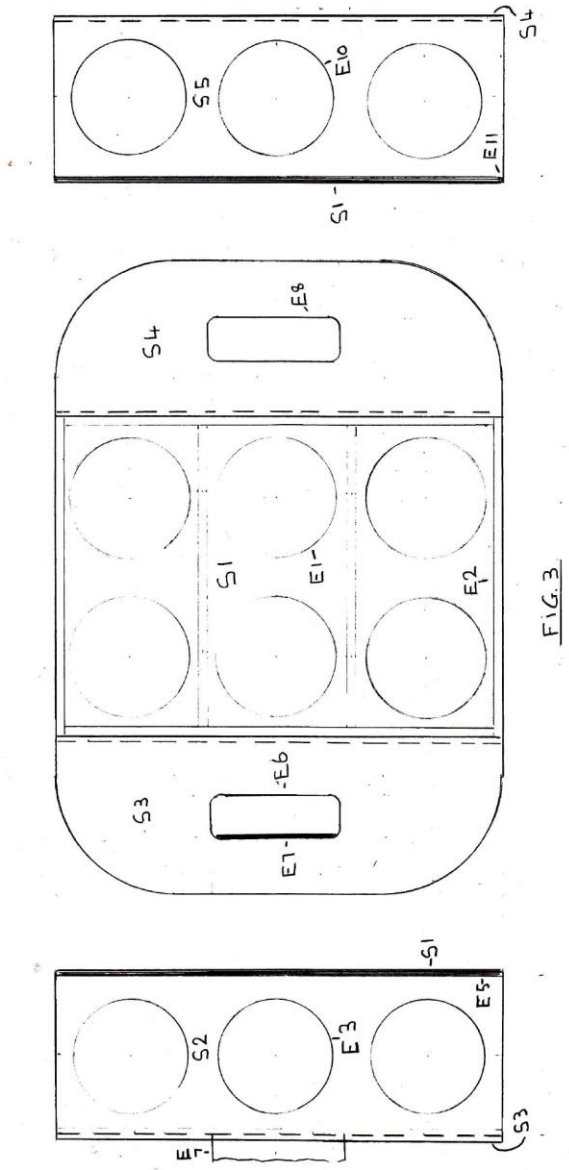


FIG. 3

21: F2023/00533 22: 2023-05-03 23:
43: 2023-06-13
52: Class 6 24: Part F
71: Polytech Inc
54: BED BASE
57: The design relates to a Bed base. 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

NOTICE: APPLICATION TO RECTIFY REGISTER IN TERMS OF SECTION 28 AND REGULATION 41 OF DESIGN ACT

Notice is hereby given that Spoor & Fisher has applied to rectify the CIPC online records to correct Bibliographic details of Design application no F2015/00195 and A2015/00196

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

The trade mark under application no: **2017/21725** appeared as advertised in the **February 2019 journal** and also registered on the **28/06/2019** and its status is incorrect because it was never advertised, therefore the register will be rectified and updated accordingly and this trade mark will be properly advertised in the **August 2023 journal**.

PATENT CORRECTION NOTICES

No records available

DESIGNS CORRECTION NOTICES

The Design under application no: A2022/00961 was advertised in the April 2023 journal without the release date which read as **17 February 2022** and it should have appeared as the one below but the publication date will remain the **31/04/2023**.

21: A2022/00961 22: 2022-08-17 23: 2022-02-17
43: 2023-03-09
52: Class 30 24: Part A
71: PETITE FRENCH & CO (PTY) LTD
54: TRANSPORT CONTAINER FOR AN ANIMAL
57: The design is applied to a transport container for an animal. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern and/or ornamentation of the transport container for an animal, substantially as illustrated in Figures 1 to 9 of the accompanying representations. The handles (F), straps (G), fasteners (H), removable internal mat (I), sliding fasteners (J) and label (K) illustrated in Figures 1 to 9 do not form part of the design and are disclaimed.

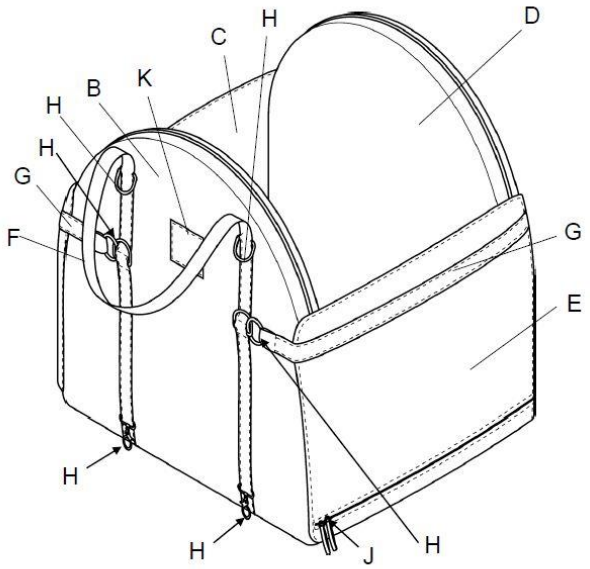


FIG. 1 THREE-DIMENSIONAL VIEW – CLOSED CONDITION

COPYRIGHT CORRECTION NOTICES

No records available

PATENTS

Advertisement List for July 2023

Number of Advertised Patents: 320

Application Number	Patent Title	Filing Date
2012/01775	COMPOSITION FOR IMPROVING LACTATION	2012/03/12
2012/02595	IMPROVED FOMULATIONS	2012/04/11
2012/03840	A RIGGING ASSEMBLY FOR A DRAGLINE EXCAVATOR	2012/05/25
2012/07791	IMPROVEMENTS IN OR RELATING TO REFRIGERATED DISPLAY APPLIANCES	2012/10/17
2013/02638	METHODS OF TREATING EYE DISEASES ASSOCIATED WITH INFLAMMATION AND VASCULAR PROLIFERATION	2013/04/12
2014/06899	PROCESS FOR PREPARATION OF BENZYLBENZENE SODIUM-DEPENDENT GLUCOSE COTRANSPORTER 2 (SGLT2) INHIBITORS	2014/09/16
2015/07527	SYSTEMS AND METHODS FOR MOBILE DEVICE ANALYSIS OF NUCLEIC ACIDS AND PROTEINS	2015/10/09
2016/00483	COMPOSITE HARDWARE FOR AN ELECTROCHEMICAL CELL	2016/01/21
2016/01356	FISSURED SUBSTRATA WATER PUMPING APPARATUS AND METHOD	2016/02/26
2016/05103	ADMINISTRATION OF TASIMELTEON UNDER FASTED CONDITIONS	2016/07/21
2016/07058	AN AEROSOL FORMING COMPONENT	2016/10/13
2017/02617	COMPOSITIONS COMPRISING RECOMBINANT BACILLUS CELLS AND A FUNGICIDE	2017/04/12
2017/04320	NOVEL PROTEINS SPECIFIC FOR ANGIOGENESIS	2017/06/26
2017/04777	4-METHYLSULFONYL-SUBSTITUTED PIPERIDINE UREA COMPOUNDS FOR THE TREATMENT OF DILATED CARDIOMYOPATHY (DCM)	2017/07/14
2017/05587	TEXTILES HAVING ANTIMICROBIAL PROPERTIES	2017/08/17
2017/07247	IGF-1R ANTIBODY AND ITS USE FOR THE DIAGNOSIS OF CANCER	2017/10/25
2017/07739	DENTAL IMPLANT	2017/11/15

Application Number	Patent Title	Filing Date
2018/00359	ANTI-HUMAN TRANSFERRIN RECEPTOR ANTIBODY PERMEATING BLOOD-BRAIN BARRIER	2018/01/18
2018/00534	BISPECIFIC ANTIBODIES SPECIFIC FOR PD1 AND TIM3	2018/01/25
2018/00566	DEPLOYMENT OF DOWNHOLE SENSING DEVICE(S)	2018/01/26
2018/00568	ENCAPSULATED STABILIZER COMPOSITIONS	2018/01/26
2018/01257	STATUS LIGHT ASSEMBLY FOR PATIENT HANDLING EQUIPMENT	2018/02/23
2018/02644	MEANS AND METHODS FOR TREATING HBV	2018/04/20
2018/05079	A METHOD AND SYSTEM FOR SECURING COMPUTER SOFTWARE USING A DISTRIBUTED HASH TABLE AND A BLOCKCHAIN	2018/07/27
2018/07518	BENZENESULFONAMIDE COMPOUNDS AND THEIR USE AS THERAPEUTIC AGENTS	2018/11/08
2018/07953	A METHOD FOR MANUFACTURING A LEAD-FREE OR LOW LEAD CONTENT BRASS BILLET AND BILLET THUS OBTAINED	2018/11/23
2019/00341	A NOVEL BOTULINUM NEUROTOXIN AND ITS DERIVATIVES	2019/01/17
2019/00510	A BLOCKCHAIN-IMPLEMENTED CONTROL METHOD AND SYSTEM FOR CONTROLLING AN EXTERNAL PROCESS OR SYSTEM	2019/01/24
2019/00708	A WEAR MEMBER MONITORING SYSTEM	2019/02/04
2019/00772	HETERODIMERIC FC-FUSED CYTOKINE AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME	2019/02/06
2019/02113	METAL RECOVERY PROCESS	2019/04/04
2019/02323	CD123 BINDING PROTEINS AND RELATED COMPOSITIONS AND METHODS	2019/04/12
2019/02400	APPARATUSES, METHODS, AND SYSTEMS FOR VIBRATORY SCREENING	2019/04/11
2019/05951	MINE SAFETY NET WITH IMPROVED TENSILE STRENGTH	2019/09/10
2019/06941	METHOD OF RENOVATING A COMMERCIAL PROPERTY	2019/10/22
2019/08165	COMPOUNDS FOR THE PREVENTION AND TREATMENT OF DISEASES AND THE USE THEREOF	2019/12/09

Application Number	Patent Title	Filing Date
2020/00464	BENZOXAZINONE DERIVATIVES USEFUL AS HERBICIDES	2020/01/23
2020/00529	CHEMICAL COMPOUNDS	2020/01/27
2020/00644	THRESHOLD DIGITAL SIGNATURE METHOD AND SYSTEM	2020/01/30
2020/00946	GAS-FED FERMENTATION REACTORS, SYSTEMS AND PROCESSES UTILIZING GAS/LIQUID SEPARATION VESSELS	2020/02/13
2020/01136	MOBILE DEVICE FOR DETECTING THE STATE PARAMETERS AND OPERATING PARAMETERS OF VIBRATING MACHINES, VIBRATING MACHINE EQUIPPED WITH SUCH A DEVICE, AND METHOD FOR DETECTING THE OPERATING AND STATE PARAMETERS OF VIBRATING MACHINES	2020/02/24
2020/01503	TRICYCLIC COMPOUNDS AS HISTONE METHYL-TRANSFERASE INHIBITORS	2020/03/10
2020/01810	HEPATITIS B ANTIVIRAL AGENTS	2020/03/23
2020/02117	COMPOSITIONS COMPRISING AN ACRYLIC POLYMER AND PROCESSES OF PREPARING THE SAME	2020/05/04
2020/02137	METHODS OF DETECTING TRANSTHYRETIN	2020/05/04
2020/03983	HETEROCYCLYLAMINO-SUBSTITUTED TRIAZOLES AS MODULATORS OF RHO-ASSOCIATED PROTEIN KINASE	2020/06/30
2020/04117	SPREADER FOR PARTICULATE MATERIAL WITH IMPROVED SPREAD CONTROL	2020/07/06
2020/04225	SYSTEM AND METHOD FOR SECURE INPUT AT A REMOTE SERVICE	2020/07/10
2020/04769	BISULFITE-FREE, BASE-RESOLUTION IDENTIFICATION OF CYTOSINE MODIFICATIONS	2020/07/31
2020/04909	4-HYDROXYPIPERIDINE DERIVATIVES AND THEIR USE AS INHIBITORS OF UBIQUITIN SPECIFIC PROTEASE 19 (USP19)	2020/08/07
2020/06235	CONTINUOUS ISOLATION OF CANNABIDIOL AND CONVERSION OF CANNABIDIOL TO DELTA 8-TETRAHYDROCANNABINOL AND DELTA 9-TETRAHYDROCANNABINOL	2020/10/07
2020/06722	OXYFUEL CLINKER PRODUCTION WITH SPECIAL OXYGEN ADDITION	2020/10/28

Application Number	Patent Title	Filing Date
2020/06816	POSITION DEPENDENT INTRA PREDICTION COMBINATION EXTENDED WITH ANGULAR MODES	2020/10/30
2020/06944	2-AMINO-PYRIDINE OR 2-AMINO-PYRIMIDINE DERIVATIVES AS CYCLIN DEPENDENT KINASE INHIBITORS	2020/11/06
2020/07506	SYSTEMS AND METHODS OF PREPARING AND DELIVERING GELS	2020/12/02
2021/00161	A WIRE NETTING, A PROCESS AND A DEVICE FOR MANUFACTURING THE WIRE NETTING	2021/01/11
2021/00192	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	2021/01/12
2021/00260	SYSTEMS AND METHODS FOR FACILITATING CLINICAL MESSAGING IN A NETWORK ENVIRONMENT	2021/01/14
2021/00262	DRUG LIBRARY MANAGEMENT SYSTEM	2021/01/14
2021/00402	EMULSION-BASED PERSONAL CARE COMPOSITIONS AND METHODS FOR THE SAME	2021/01/19
2021/00422	SYSTEM AND METHOD FOR MOISTURE MEASUREMENT	2021/01/20
2021/00465	TEREPHTHALIC ACID ESTERS FORMATION	2021/01/22
2021/00553	ACCESS CONTROL FOR USER EQUIPMENT IN A CONNECTED MODE	2021/01/26
2021/00562	HOME CARE COMPOSITIONS	2021/01/26
2021/00673	ELECTROSTATIC PRECIPITATOR	2021/01/29
2021/00714	ANTI-NPR1 ANTIBODIES AND USES THEREOF	2021/02/02
2021/00780	BISMUTH-THIOL COMPOSITIONS AND METHODS OF USE	2021/02/04
2021/00871	A METHOD AND AN APPARATUS FOR MANUFACTURING A STORAGE BAG, AND A STORAGE BAG	2021/02/09
2021/00906	DIAZABICYCLOOCTANONES AS INHIBITORS OF SERINE BETA-LACTAMASES	2021/02/10
2021/00951	REFERENCE PICTURE MANAGEMENT IN VIDEO CODING	2021/02/11
2021/01066	A METHOD AND SYSTEM FOR COSMETIC RECOMMENDATIONS	2021/02/16

Application Number	Patent Title	Filing Date
2021/01692	DEVICE AND METHOD FOR HEATING A FLUID IN A PIPELINE BY MEANS OF DIRECT CURRENT	2021/03/12
2021/02197	ALIGNMENT OF HTS TAPES	2021/03/31
2021/02819	A DEVICE AND A PROCESS FOR SEPARATING METHANE FROM A GAS MIXTURE CONTAINING METHANE, CARBON DIOXIDE AND HYDROGEN SULFIDE	2021/04/28
2021/03032	RECYCLABLE PE PACKAGING FILM WITH IMPROVED STIFFNESS	2021/05/05
2021/03810	RECOMBINANT AVIAN HERPES VIRUSES CONTAINING MULTIPLE FOREIGN GENES	2021/06/03
2021/04244	RECOMBINANT VIRUSES AND THE USES THEREOF	2021/06/21
2021/04540	FUSE CUTOUT MONITORING DEVICE	2021/06/30
2021/04858	SUPPORT ARRANGEMENT FOR AN ELECTRICAL PROTECTION ASSEMBLY	2021/07/12
2021/05680	USER EQUIPMENT AND SYSTEM PERFORMING TRANSMISSION AND RECEPTION OPERATIONS	2021/08/11
2021/06071	PHARMACEUTICAL ORAL DOSAGE FORMS FOR TREATMENT OF METABOLIC DISORDERS AND RELATED DISEASES THROUGH ORCHESTRATED RELEASE OF ENTEROKINES	2021/08/23
2021/06912	USE OF NICOTINAMIDE RIBOSIDE, NICOTINIC ACID RIBOSIDE, REDUCED NICOTINYL RIBOSIDE COMPOUNDS, AND NICOTINYL RIBOSIDE COMPOUND DERIVATIVES IN FORMULATIONS	2021/09/17
2021/07077	ANTI-CD6 ANTIBODY COMPOSITIONS AND METHODS FOR TREATING LUPUS	2021/09/22
2021/07497	PROTECTIVE COVER AND METHOD FOR THE INSTALLATION AND REMOVAL OF SAID COVER OVER A CROP FIELD	2021/10/05
2021/07514	KITE CONTROL SYSTEM	2021/10/06
2021/07566	HEAT SINK FOR LIGHT FIXTURE FOR INDOOR GROW APPLICATION	2021/10/07
2021/07657	FAULT DETERMINATION METHOD AND SYSTEM FOR SCREW COMPRESSOR	2021/10/11
2021/07709	CELL-FREE PRODUCTION OF RIBONUCLEIC ACID	2021/10/12
2021/07774	DISPENSER FOR DISPENSING	2021/10/13

Application Number	Patent Title	Filing Date
	ELONGATE BEVERAGE CONTAINERS	
2021/07775	DISPENSER FOR DISPENSING ELONGATE BEVERAGE CONTAINERS	2021/10/13
2021/07776	FOLDABLE ELECTRONIC DEVICE AND OPERATION METHOD FOR SAME	2021/10/13
2021/07874	METHODS AND COMPOSITIONS FOR TREATING RESPIRATORY ARRHYTHMIAS	2021/10/15
2021/08036	VEHICLE FRAME, AERIAL TRANSPORTATION VEHICLE, AND AERIAL RAIL CONTAINER TRANSPORTATION METHOD	2021/10/20
2021/08037	LIFTING FRAME, AIR TRANSPORTATION VEHICLE, AND AIR RAIL CONTAINER TRANSPORTATION METHOD	2021/10/20
2021/08038	ADAPTERS FOR ATTACHING A TIP TO A MACHINE IMPLEMENT AND GROUND ENGAGING TOOL ASSEMBLY	2021/10/20
2021/08039	SPRING STEEL SLEEVE DESIGN	2021/10/20
2021/08040	TIP AND ADAPTER ASSEMBLY USING A SPRING STEEL SLEEVE DESIGN	2021/10/20
2021/08056	METHOD FOR JOINING METAL PARTS	2021/10/20
2021/08220	ASSOCIATION OF POLYCLONAL ANTIBODIES AND ANTI-PD1 OR ANTI-PDL1 ANTIBODIES FOR THE TREATMENT OF CANCER	2021/10/25
2021/08222	TEMPERATURE RISE MONITORING METHOD WITH AUTOMATIC AMBIENT TEMPERATURE COMPENSATION, LOCOMOTIVE OPERATION CONTROL METHOD, AND LOCOMOTIVE	2021/10/25
2021/08223	METHOD FOR SUPPRESSING RESONANCE OF VEHICLE-MOUNTED FAN AND SYSTEM	2021/10/25
2021/08268	PHARMACEUTICAL COMBINATION PREPARATION COMPRISING EZETIMIBE AND LOSARTAN	2021/10/26
2021/08269	CARTON BLANK ERECTOR AND FEEDING AND SHUTTLE MACHINE	2021/10/26
2021/08271	A PROCESS FOR THE MANUFACTURE OF (2S,3S,4S,5R,6S)-3,4,5-TRIHYDROXY-6-(((4AR,10AR)-7-HYDROXY-1-PROPYL-1,2,3,4,4A,5,10,10A-	2021/10/26

Application Number	Patent Title	Filing Date
	OCTAHYDROBENZO[G]QUINOLIN-6-YL)OXY)TETRAHYDRO-2H-PYRAN-2-CARBOXYLIC ACID AND INTERMEDIATE THEREOF	
2021/08272	INTEGRATED PROCESS OF PYROLYSIS, ELECTRODE ANODE PRODUCTION AND ALUMINUM PRODUCTION AND JOINT PLANT	2021/10/26
2021/08273	AMINO QUINAZOLINE DERIVATIVES AS P2X3 INHIBITORS	2021/10/26
2021/08320	SYSTEM AND METHOD FOR PRODUCING A MEDICINAL PACKAGING	2021/10/27
2021/08321	SYSTEM AND METHOD FOR PRODUCING MEDICAL PACKAGING	2021/10/27
2021/08349	SLURRY PUMPING SYSTEM	2021/10/28
2021/08350	USE OF A SURFACE ACTIVE INGREDIENT COMPOSITION IN A FIRE EXTINGUISHING AND FIRE DEVICES	2021/10/28
2021/08378	A METHOD FOR EXTRACTING HYDROLYSATE, A BATCH COOKING SYSTEM AND A HYDROLYSATE EXTRACTING ARRANGEMENT	2021/10/28
2021/08437	FUSION POLYPEPTIDE COMPRISING FC REGION OF IMMUNOGLOBULIN AND GDF15	2021/10/29
2021/08455	LENS COVER HAVING LENS ELEMENT	2021/10/29
2021/08672	MOBILE ELECTRONIC LOCK	2021/11/05
2021/08673	ROTATABLE MAGNETIC KEY COMBINATION ELEMENT	2021/11/05
2021/08744	DUAL INTERFACE METAL SMART CARD WITH BOOSTER ANTENNA	2021/11/08
2021/08763	MAGNESIUM ION-CONTAINING MATERIALS AS WHITE PIGMENTS IN ORAL CARE COMPOSITIONS	2021/11/08
2021/08764	HERBICIDAL COMPOSITION	2021/11/08
2021/08765	PYRIDONE DERIVATIVE CRYSTAL FORM AND PREPARATION METHOD AND APPLICATION THEREFOR	2021/11/08
2021/08766	A WATER FILTER UNIT	2021/11/08
2021/08768	NEW SOLID FORMS OF (2S,3S,4S,5R,6S)-3,4,5-TRIHYDROXY-6-(((4AR,10AR)-7-HYDROXY-1-PROPYL-1,2,3,4,4A,5,10,10A-OCTAHYDROBENZO[G]QUINOLIN-6-YL)OXY)TETRAHYDRO-2H-PYRAN-2-CARBOXYLIC ACID	2021/11/08
2021/08769	HERBICIDAL COMPOSITION	2021/11/08

Application Number	Patent Title	Filing Date
2021/08770	PROCESS AND INTEGRATED PLANT FOR THE TREATMENT OF THE CARBON OXIDES FORMED IN THE PRODUCTION OF ALUMINUM	2021/11/08
2021/08843	NOVEL PSMA SPECIFIC BINDING PROTEINS FOR CANCER DIAGNOSIS AND TREATMENT	2021/11/09
2021/08850	ELECTRICAL CONNECTION MOUNT SYSTEM	2021/11/09
2021/08898	TIPPER ASSEMBLY	2021/11/10
2021/08902	A POLYMER AND A COSMETIC COMPOSITION COMPRISING THE POLYMER	2021/11/10
2021/08944	MONITORING METHOD FOR AN APPLICATION PLANT AND CORRESPONDING APPLICATION PLANT	2021/11/11
2021/09174	SYSTEM AND METHOD FOR AUTOMATICALLY ENERGIZING PACKING MATERIAL WITH A PACKING LOADING ASSEMBLY	2021/11/17
2021/09290	HIGH-CONCENTRATION MONOCLONAL ANTIBODY FORMULATIONS	2021/11/19
2021/09755	NOISE CANCELLATION USING SEGMENTED, FREQUENCY-DEPENDENT PHASE CANCELLATION	2018/02/05
2021/09975	PLATE CONDITION TOOL	2021/12/03
2021/10036	COATING METHOD AND CORRESPONDING COATING INSTALLATION	2021/12/06
2021/10037	NICOTINE POUCH COMPOSITION AND POUCH COMPRISING SUCH	2021/12/06
2021/10039	NICOTINE POUCH COMPOSITION	2021/12/06
2021/10095	COLLISION AVOIDANCE ACTIVATION LIGHTS	2021/12/07
2021/10096	ROTATABLE ELEMENT IN MACHINE TRACK HAVING THRUST WASHER STACK FOR STEPPING DOWN RELATIVE SPEEDS	2021/12/07
2021/10110	RELEASE VALVE	2021/12/07
2021/10156	METHODS, TERMINAL DEVICE AND NETWORK NODE FOR UPLINK TRANSMISSION	2021/12/08
2021/10168	COATING METHOD AND CORRESPONDING COATING INSTALLATION	2021/12/08
2021/10169	APPARATUS FOR CONDUCTING A HYDRAULIC PROOF TEST	2021/12/08
2021/10170	SYSTEM, DEVICE AND METHOD FOR MEASURING THE INTERIOR	2021/12/08

Application Number	Patent Title	Filing Date
	REFRACTORY LINING OF A VESSEL	
2021/10171	DEVICE FOR AGRICULTURAL MACHINE	2021/12/08
2021/10472	AN APPARATUS, A METHOD AND A COMPUTER PROGRAM FOR VIDEO CODING AND DECODING	2021/12/15
2022/00234	PYRIMIDINE-5-CARBOXAMIDE COMPOUND	2022/01/04
2022/00269	MECHANISM FOR HANDLING PDCCH SKIPPING AND WAKE UP SIGNALING	2022/01/05
2022/00282	SOLID DOSE FORMULATIONS FOR NEEDLE-FREE DELIVERY	2022/01/05
2022/00395	CABLE BRACE SYSTEM	2022/01/07
2022/00584	CONTROLLING PROVISION OF ACCESS TO RESTRICTED LOCAL OPERATOR SERVICES BY USER EQUIPMENT	2022/01/12
2022/00585	AN APPARATUS, A METHOD AND A COMPUTER PROGRAM FOR VIDEO ENCODING AND DECODING	2022/01/12
2022/00591	ESTROGEN-RELATED RECEPTOR ALPHA (ERRa) MODULATORS	2022/01/12
2022/01157	SELECTIVE ESTROGEN RECEPTOR DEGRADER	2022/01/25
2022/01352	LENS COVER HAVING LENS ELEMENT	2022/01/28
2022/01447	APPARATUSES, METHODS, AND SYSTEMS FOR VIBRATORY SCREENING	2022/02/01
2022/01547	TRACK ASSEMBLY BUSHING HAVING WHITE IRON MEMBER	2022/02/03
2022/01800	APPARATUS AND METHODS FOR NEW RADIO SIDELINK CHANNEL STATE INFORMATION ACQUISITION	2022/02/10
2022/01801	GRAFTED POLYVINYL ALCOHOL POLYMER, FORMULATIONS CONTAINING THE SAME AND CREPING METHODS	2022/02/10
2022/01829	NONPEPTIDE SOMATOSTATIN TYPE 5 RECEPTOR AGONISTS AND USES THEREOF	2022/02/11
2022/02302	NEUROTOXIN COMPOSITIONS FOR USE IN TREATING HEADACHE	2022/02/23
2022/02306	METHOD AND APPARATUS FOR SESSION MANAGEMENT	2022/02/23
2022/02413	AUTHENTICATION VIA USSD	2022/02/25
2022/02529	MINE ROOF INDICATOR	2022/03/01
2022/02573	SINGLE SHOT CHIKUNGUNYA VIRUS VACCINE	2022/03/02
2022/02574	CHIKUNGUNYA VACCINE FORMULATIONS	2022/03/02

Application Number	Patent Title	Filing Date
2022/02627	RELEASING STOPPER, CONTAINER PROVIDED WITH STOPPER AND KITS AND RELEASING METHOD ASSOCIATED THERETO	2022/03/03
2022/02805	NOVEL METHODS FOR REARING AND CONTROLLED RELEASE OF PREDATORY MITES	2022/03/08
2022/02930	DIAGNOSTIC CHROMOSOME MARKER	2022/03/10
2022/02939	COUPLING	2022/03/11
2022/03036	A FREIGHT MOBILITY SYSTEM	2022/03/14
2022/03104	LIGHTWEIGHT SEALING GASKET FOR LOW PRESSURE AND NON-PRESSURE APPLICATIONS	2022/03/15
2022/03141	METHOD FOR THE PRODUCTION OF PROTEIN-CONTAINING FOODS	2022/03/16
2022/03143	ELECTRONIC FINANCIAL TRANSACTION SYSTEM EMPLOYING CRYPTOCURRENCY AND PAYMENT METHOD USING SAME	2022/03/16
2022/03349	SYNERGISTIC HPPD MIXTURES	2022/03/22
2022/03350	PROTEIN BASED CANNABIS COMPOSITIONS	2022/03/22
2022/03373	ROAD VEHICLES ANTI-THEFT SECURITY DEVICE BASED ON AUTOMOTIVE EMBEDDED SYSTEMS SOFTWARE	2022/03/22
2022/03403	METHODS, DEVICES, COMPUTER PROGRAMS AND COMPUTER PROGRAM PRODUCTS FOR INDICATING USE OF MASTER CELL GROUP FAST RECOVERY PROCEDURE	2022/03/23
2022/03660	MATERIALS COMPRISING CARBON-EMBEDDED IRON NANOPARTICLES, PROCESSES FOR THEIR MANUFACTURE, AND USE AS HETEROGENEOUS CATALYSTS	2022/03/30
2022/03663	MATERIALS COMPRISING CARBON-EMBEDDED NICKEL NANOPARTICLES, PROCESSES FOR THEIR MANUFACTURE, AND USE AS HETEROGENEOUS CATALYSTS	2022/03/30
2022/03664	MATERIALS COMPRISING CARBON-EMBEDDED COBALT NANOPARTICLES, PROCESSES FOR THEIR MANUFACTURE, AND USE AS HETEROGENEOUS CATALYSTS	2022/03/30
2022/03833	FAÇADE STRUCTURE	2022/04/04

Application Number	Patent Title	Filing Date
2022/03880	KRAFT PAPER AND PAPER SACK MANUFACTURED THEREFROM	2022/04/05
2022/03882	METHOD FOR SYNTHESIZING MOLECULAR SIEVE MEMBRANE WITH HIGH WATER-PERMEABILITY	2022/04/05
2022/03906	COOKING	2022/04/06
2022/03922	STRAINS AND PROCESSES FOR SINGLE CELL PROTEIN OR BIOMASS PRODUCTION	2022/04/06
2022/04177	SYSTEM AND METHOD FOR EXTRACTING AND CATALOGING SPECIFIED FILE ACTIVITY DATA	2022/04/13
2022/04430	REPORTING LISTEN-BEFORE-TALK FAILURES IN A WIRELESS NETWORK	2022/04/20
2022/04733	YEAST STRAIN PRODUCING GLUTATHIONE AND METHOD OF PRODUCING GLUTATHIONE USING THE SAME	2022/04/28
2022/04828	SKELETAL SUPPORT MEMBER	2022/04/29
2022/04877	AN EDUCATION DEVICE	2022/05/04
2022/04883	VARICELLA ZOSTER	2022/05/04
2022/04884	LASER RANGEFINDER WITH MULTIPLE BALLISTIC CALCULATORS	2022/05/04
2022/04888	THERMAL ENERGY STORAGE SYSTEM COMPRISING A PACKED-BED HEAT STORAGE UNIT AND A PACKED-BED COLD STORAGE UNIT, AND METHOD FOR OPERATING A THERMAL ENERGY STORAGE SYSTEM	2022/05/04
2022/04889	FILTER MEDIUM COMPRISING A FINE FIBER LAYER	2022/05/04
2022/05209	COMPOSITE FILM	2022/05/11
2022/05210	METHOD FOR PRODUCING A SCREW FOUNDATION FOR SECURING ELEMENTS IN THE GROUND	2022/05/11
2022/05211	APPARATUS FOR PURIFYING WATER	2022/05/11
2022/05280	FILTER DAMPENING DEVICE FOR PRESSURE PULSATION	2022/05/12
2022/06128	POWER-ON/OFF CIRCUIT FOR BATTERY MANAGEMENT SYSTEM	2022/06/01
2022/06663	ANTIMICROBIAL COMPOSITION	2022/06/15
2022/06926	DEVICE INFORMATION TRACKING SYSTEM AND METHOD	2022/06/22
2022/07039	A TRANSACTION SYSTEM AND METHOD	2022/06/24
2022/07095	Multiport Valve	2022/06/27
2022/07154	IMPACT SHREDDER	2022/06/28

Application Number	Patent Title	Filing Date
2022/07208	TROLLEY HANDLE TAG HOLDER ARRANGEMENT	2022/06/29
2022/07440	APPARATUS AND PROCESS FOR THE GAS-PHASE POLYMERIZATION	2022/07/05
2022/08436	RAINWATER DISTRIBUTION APPARATUS	2022/07/28
2022/08517	IDLE STATE UE SIGNAL RECEPTION METHOD, APPARATUS, STORAGE MEDIUM, AND TERMINAL	2022/07/29
2022/08619	MOLECULAR MARKER-ASSISTED BREEDING METHOD FOR CUCUMBER	2022/08/02
2022/09369	PHARMACEUTICAL COMPOSITION FOR SUBCUTANEOUS INJECTION COMPRISING HUMAN HYALURONIDASE PH20 VARIANT AND DRUG	2020/03/24
2022/09389	RESTRAINING OF SERVICE ACCESS TO HSI CRUSHER CHAMBER	2022/08/22
2022/09657	METHOD FOR CULTIVATING MOUNTAINOUS BLUEBERRY MYCORRHIZA SEEDLINGS	2022/08/30
2022/09759	ENGINEERED POLYPEPTIDES DERIVED FROM VARIABLE DOMAIN OF ADENOVIRUS PENTON BASE	2022/08/31
2022/09886	WATER HEATER PROVIDED WITH AN IMPROVED FLANGE SUITABLE FOR SUPPORTING AT LEAST ONE HEATING DEVICE	2022/09/05
2022/09889	PHYTOSANITARY HERBICIDE COMPOSITION IN THE FORM OF A MICROEMULSION WITH LOW SURFACTANT CONTENT AND HIGH COMPATIBILITY IN ULTRA-LOW VOLUME SPRAY LIQUIDS, AND METHOD FOR OBTAINING IT	2022/09/01
2022/10073	NOVEL N-ARYL OXAMIC ACIDS	2022/09/09
2022/10297	GENOMIC INFRASTRUCTURE FOR ON-SITE OR CLOUD-BASED DNA AND RNA PROCESSING AND ANALYSIS	2022/09/16
2022/10315	PEPTIDE FOR THE TREATMENT OF CYTOKINE STORM SYNDROME	2022/09/16
2022/10509	NANO-SIZED CALCIUM CARBONATE	2022/09/22
2022/10864	HEAT SINK FOR LIGHT FIXTURE FOR INDOOR GROW APPLICATION	2022/10/03
2022/10869	LEVEL FILLING ARRANGEMENT	2022/10/03
2022/10907	COLD ROLLED AND ANNEALED STEEL SHEET AND METHOD OF MANUFACTURING THE SAME	2022/10/04

Application Number	Patent Title	Filing Date
2022/10972	COLD ROLLED AND DOUBLE ANNEALED STEEL SHEET	2022/10/06
2022/10973	COLD ROLLED AND ANNEALED STEEL SHEET AND METHOD OF MANUFACTURING THE SAME	2022/10/06
2022/11076	COMBUSTION SYSTEM FOR A BOILER WITH FUEL STREAM DISTRIBUTION MEANS IN A BURNER AND METHOD OF COMBUSTION	2022/10/10
2022/11363	OLIGOSACCHARIDE FORMULATIONS OF KAPPA OPIOID RECEPTOR AGONISTS	2022/10/17
2022/11423	MICROSEISMIC LOCATION METHOD, APPARATUS, ELECTRONIC DEVICE AND MEDIUM	2022/10/19
2022/11504	AERIAL VEHICLE HAVING ANTENNA ASSEMBLIES, ANTENNA ASSEMBLIES, AND RELATED METHODS AND COMPONENTS	2022/10/20
2022/11531	HIGHLY THERMALLY CONDUCTIVE DIE-CASTING ALUMINUM ALLOY MATERIAL MADE OF RECYCLED ALUMINUM, AND PREPARATION METHOD THEREFOR	2022/10/21
2022/11552	SCENT BOOSTER	2022/10/21
2022/11621	LENS COVER HAVING LENS ELEMENT	2022/10/25
2022/11636	CEMENT-MANUFACTURING PLANT AND PROCESS FOR PRODUCING CEMENT CLINKER	2022/10/25
2022/11680	PERCUTANEOUS ABSORPTION PREPARATION COMPRISING DONEPEZIL WITH IMPROVED STABILITY	2022/10/26
2022/11694	STABLE LIQUID FORMULATIONS FOR NITROGEN-FIXING MICROORGANISMS	2022/10/26
2022/11700	AN ELECTRIC GENERATOR HAVING PLURAL STATORS	2022/10/26
2022/11768	A LAWN BOWL	2022/10/28
2022/11821	A SYSTEM AND METHOD FOR PROCESSING A FINANCIAL TRANSACTION IN A FINANCIAL SYSTEM	2022/10/31
2022/11823	SOLID PHARMACEUTICAL FORMS OF IRBESARTAN, HYDROCHLOROTHIAZIDE AND AMLODIPINE	2022/10/31
2022/11852	POROUS MATERIALS FOR BATTERY ELECTRODES	2022/10/31
2022/11856	APPARATUS FOR FIXING GOLF	2022/10/31

Application Number	Patent Title	Filing Date
	TEES	
2022/11863	PROCESS FOR MAKING AMMONIUM NITRATE	2022/10/31
2022/11867	METHOD OF INSTALLING A HEAT PIPE WICK INTO A CONTAINER OF DIFFERING THERMAL EXPANSION COEFFICIENT	2022/10/31
2022/11889	ANTIBODY TO HUMAN INTERLEUKIN-4 RECEPTOR A, PREPARATION METHOD THEREFOR AND USE THEREOF	2022/11/01
2022/11944	CARD SLOT DETECTION METHOD AND APPARATUS, AND STORAGE MEDIUM	2022/11/02
2022/11946	RELEASABLE ATTACHMENT OF SCRAPER MODULES	2022/11/02
2022/11948	MICROSCOPIC OPTICAL IMAGING SYSTEM FOR LIVING CELL	2022/11/02
2022/11983	CORD AND TIRE WITH SPECIFIED CORD CONSTRUCTION	2022/11/03
2022/12025	BONE ANCHORING IMPLANT WITH OPTIMISED EXPANSION	2022/11/03
2022/12027	CORTICALLY STABILIZED BONE ANCHORING IMPLANT	2022/11/03
2022/12188	METHOD AND SYSTEM FOR ASSEMBLING AND INSTALLING ARRAYS OF PHOTOVOLTAIC SOLAR PANELS IN AN OUTDOOR FIELD	2022/11/08
2022/12221	A THERAPEUTIC COMPOSITION	2022/11/09
2022/12223	LPA RECEPTOR ANTAGONISTS AND USES THEREOF	2022/11/09
2022/12241	SYSTEM AND METHOD FOR CONNECTING AND FIXING FRAMED SOLAR PANELS TO MAKE A WHEATHERPROOF BUILDING-INTEGRATED MODULAR SURFACE	2022/11/09
2022/12243	MODIFIED FILAMENTOUS FUNGI FOR PRODUCTION OF EXOGENOUS PROTEINS	2022/11/09
2022/12246	COMPOUNDS SPECIFIC TO CORONAVIRUS S PROTEIN AND USES THEREOF	2022/11/09
2022/12301	DETECTING A CHROMOSOME CONFORMATION AS MARKER FOR FIBROSIS, E.G. SCLERODERMA	2022/11/10
2022/12305	CRYSTAL OF M RECEPTOR ANTAGONIST AS WELL AS PREPARATION METHOD THEREFOR AND APPLICATION THEREOF	2022/11/10
2022/12326	PRODUCTS AND METHODS FOR	2022/11/11

Application Number	Patent Title	Filing Date
	PROMOTING ESTRUS IN FEMALE MAMMALS	
2022/12388	CABLE KNEE BRACE SYSTEM	2022/11/14
2022/12505	ANTIMICROBIAL MATERIAL	2022/11/16
2022/12622	An On-demand Electricity Billing System and Method	2022/11/21
2022/12627	DETECTING AND CORRECTING KNOWLEDGE BASE ERRORS	2022/11/21
2022/12628	REACTOR AND REACTION METHOD	2022/11/21
2022/12631	HALOGENATED-HETEROARYL AND OTHER HETEROCYCLIC KINASE INHIBITORS, AND USES THEREOF	2022/11/21
2022/12663	PHARMACEUTICAL FORMULATIONS	2022/11/21
2022/12687	SOLAR POWER GENERATING SYSTEM	2022/11/22
2022/12688	SUN-TRACKING SOLAR POWER GENERATING APPARATUS AND THE SOLAR PANEL THEREOF	2022/11/22
2022/12721	CELL LINE FOR PRODUCTION OF MAREK'S DISEASE VIRUS VACCINE AND METHODS OF MAKING AND USING THE SAME	2022/11/22
2022/12768	CONJUGATES OF A CELL-BINDING MOLECULE WITH CAMPTOTHECIN ANALOGS	2022/11/23
2022/12783	DUAL CHANNEL-INTERMEDIATE HEAT INSULATION TYPE SOLAR PHASE CHANGE HEAT STORAGE WALL SYSTEM	2022/11/24
2022/12804	MODULAR LOCK	2022/11/24
2022/12892	CONSUMABLES CHIP, CONSUMABLE, IMAGE-FORMING APPARATUS, COMMUNICATION METHOD, AND DETECTION METHOD	2022/11/28
2022/12919	TRANSPOSITION-BASED THERAPIES	2022/11/28
2022/12938	AUXILIARY POWER SUPPLY AND GENERATION SYSTEM	2022/11/29
2022/13012	SCAN POSTS SYSTEM AND METHOD	2022/11/30
2022/13043	CABLE BRACE SYSTEM	2022/12/01
2022/13161	LOCK AND RELATED KEY	2022/12/05
2022/13261	PRE-PACKAGED LIQUID CONTAINER AND CORRESPONDING DEVICE	2022/12/07
2022/13409	INTELLIGENT CAMPUS STREET LAMP CONTROL DEVICE	2022/12/12
2022/13412	PHARMACEUTICAL COMPOSITIONS CONTAINING ENTEROKINE-RELEASING SUBSTANCES IN	2022/12/12

Application Number	Patent Title	Filing Date
	MULTIPLE DOSAGE FORMS IN COMBINATION WITH GELLING AGENTS	
2022/13427	SPIRO COMPOUNDS AS MELANOCORTIN 4 RECEPTOR ANTAGONISTS AND USES THEREOF	2022/12/12
2022/13461	LOW-TEMPERATURE SEALED COAL CORE DRILLING DEVICE OF UNDERGROUND COAL MINE AND METHOD THEREOF	2022/12/13
2022/13500	USE OF COMPOUND IN PREVENTING AND/OR TREATING PATHOGEN INFECTION IN ANIMALS	2022/12/13
2022/13537	PROCESS OF KNITTING WHOLE GARMENT BY ALTERNATED STITCH TECHNIQUE	2022/12/14
2022/13538	SELF-CLEANING DEVICE FOR BELTS OF ROVING CARDING MACHINE AND ITS METHOD OF USE	2022/12/14
2022/13539	PROTEIN HYDROLYSATE OF MORINGA PEREGRINA SEED CAKE FOR ITS APPLICATION AS A MEDICAMENT, PROCESS FOR OBTAINING SAME AND PHARMACEUTICAL AND DERMATOLOGICAL COMPOSITIONS	2022/12/14
2022/13541	SILICA GRANULES FOR THERMAL TREATMENT	2022/12/14
2022/13554	HEAD SUPPORT ASSEMBLY AND HEAD SUPPORT UNIT	2022/12/14
2022/13589	SOCIAL NETWORKING SERVICE SYSTEM AND METHOD	2022/12/15
2022/13598	LOAD DETECTION AND PRIORITIZATION FOR AN ENERGY MANAGEMENT SYSTEM	2022/12/15
2022/13622	METHOD FOR RENEWING RAILS OF A RAILWAY TRACK WITH NEW LONG RAILS, AND ASSOCIATED WORK TRAIN	2022/12/15
2022/13763	INBUILT MICROSCOPY WITH LIGHT GUIDING ELEMENTS FOR SMARTPHONE AND OTHER DEVICES	2022/12/20
2022/13936	MACROALGAL GERMPLASM DISINFECTANT AND COLLECTION METHOD THEREFOR	2022/12/22
2022/13974	STORAGE BATTERY BOLT TERMINAL	2022/12/22
2023/01573	MOBILE RECYCLING ARRANGEMENT	2023/02/08

Application Number	Patent Title	Filing Date
2023/01625	SEEDLING RAISING APPARATUS FOR RICE PLANTING	2023/02/09
2023/01626	PREPARATION OF EXTREME MONASCUS-FERMENTED PRODUCT OF SORGHUM AND APPLICATION THEREOF IN SKIN CARE	2023/02/09
2023/01703	TEXT COHESION JUDGMENT METHODS, DEVICES, ELECTRONIC EQUIPMENT AND STORAGE MEDIA	2023/02/10
2023/02826	A CONVOLUTIONAL NEURAL NETWORK-BASED SYSTEM FOR FACE MASK DETECTION	2023/02/27
2023/02849	AN INTELLIGENT OXYGEN-CONTROLLED BIOCHAR PREPARATION DEVICE	2023/02/27
2023/02850	A METHOD FOR SYNTHESIZING BI-INCORPORATED AS30-SE(70-X)-BIX CHALCOGENIDE GLASSES BY DEPLOYING THE CONVENTIONAL MELT QUENCHING METHOD	2023/02/27
2023/02855	A CIRCULAR SOLAR RECEIVER	2023/02/27
2023/02856	A DEVICE FOR STORING PHYSICAL ELECTRONIC EXPERIMENTAL INSTRUMENT	2023/02/27
2023/02857	A MECHANISM FOR AN E-MOTORIZED WHEELCHAIR	2023/02/27
2023/02858	DISTRIBUTION DEMONSTRATION DEVICE FOR LARGE DATA ANALYSIS OF FINANCIAL MATHEMATICAL MODELING	2023/02/27
2023/02859	LEVATOR OPERATION INTELLIGENT MONITOR CONTROL SYSTEM	2023/02/27
2023/02860	PLOUGH FOR TILLING OF COMPLEX AREAS IN BETWEEN PLANTS OF VINEYARDS	2023/02/27
2023/02861	AN ANTI-FALLING DEVICE	2023/02/27
2023/02862	REAL TIME SURVEILLANCE HEXACOPTER FOR DETECTION AND MONITORING OF COVID-19 OPERATIONS	2023/02/27
2023/02863	APPARATUS FOR TREAT PRINTING AND DYE WASTEWATER BY OZONE OXIDATION	2023/02/27
2023/02883	STACHYS AND DENDROBIUM COMPOUND ORAL LIQUID AND THE PREPARATION METHOD	2023/02/27
2023/03125	A FLEXIBLE IMAGING DEVICE FOR FISH DISEASE DETECTION	2023/02/28
2023/03218	AN ACCURATE DEEP LEARNING SYSTEM TO PREDICT COVID-19	2023/02/28

Application Number	Patent Title	Filing Date
	DISEASE FROM LUNG CT IMAGES	
2023/03218	AN ACCURATE DEEP LEARNING SYSTEM TO PREDICT COVID-19 DISEASE FROM LUNG CT IMAGES	2023/02/28
2023/04101	ORGANIC WASTE ANAEROBIC REACTOR	2023/04/03
2023/04102	GREASE EXTRACTION DEVICE FOR ORGANIC WASTE LEACHATE AND EXTRACTION PROCESS	2023/04/03
2023/04178	SUPPLYING POWER TO AN ELECTRIC VEHICLE	2023/04/05
2023/04291	MANAGEMENT SYSTEM AND METHOD FOR A VISUAL NAVIGATIONAL INSTRUMENT OF AN AIRPORT	2023/04/11
2023/04761	APPLICATION OF TEGASEROD MALEATE IN TREATMENT OF ACUTE MYELOCYTIC LEUKEMIA AND COLORECTAL CANCER	2023/04/25
2023/05819	TUNNEL FIRE-FIGHTING WATER SUPPLYING SYSTEM	2023/05/30
2023/05919	THE BLOOD PRESSURE GLUCOSE TESTING EQUIPMENT FOR THE ELDERLY AND TEST METHOD THEREOF	2023/06/02
2023/06354	PROTECTION DEVICE FOR INTERCEPTING LARGE MOVING OBJECT ON WATER SURFACE	2023/06/19

DESIGNS

Advertisement List for July 2023

Number of Advertised Designs: 122

Application Number	Design Articles	Filing Date
A2019/01385	GRID PLATE	2019/09/19
A2020/00044	Packaging	2020/01/16
A2020/01011	Cartridge	2020/07/20
A2021/00522	SAFETY BARRIER	2021/05/18
A2021/00837	DUAL PENDANT	2021/07/19
A2021/01476	ORAL CARE IMPLEMENTS	2021/11/25
A2021/01477	ORAL CARE IMPLEMENTS	2021/11/25
A2021/01478	ORAL CARE IMPLEMENTS	2021/11/25
A2021/01521	Electronic Calculator	2021/12/13
A2022/00195	GEARBOX FOR AN ELECTRIC MOTOR	2022/02/25

Application Number	Design Articles	Filing Date
A2022/00196	GEARBOX FOR AN ELECTRIC MOTOR	2022/02/25
A2022/00197	GEARBOX FOR AN ELECTRIC MOTOR	2022/02/25
A2022/00206	GEARBOX FOR AN ELECTRIC MOTOR	2022/02/25
A2022/00274	Container	2022/03/18
A2022/00322	ORAL CARE IMPLEMENTS	2022/03/28
A2022/00325	ORAL CARE IMPLEMENTS	2022/03/28
A2022/00384	PARASOL BANNER	2022/04/08
A2022/00459	Magnetic Resonance Treatment System	2022/04/28
A2022/00470	Information Processing Device	2022/05/03
A2022/00471	Information Processing Device	2022/05/03
A2022/00546	Wheel	2022/05/19
A2022/00547	Wheel	2022/05/19
A2022/00548	Automobile	2022/05/19
A2022/00587	MEDICAL IMAGE SCANNER	2022/05/25
A2022/00698	CANS	2022/06/21
A2022/00733	BARBEQUE ACCESSORY	2022/06/24
A2022/00735	BARBEQUE GRID	2022/06/24
A2022/00798	AUTOMOBILES	2022/07/07
A2022/00814	HANDHELD GARMENT STEAMER	2022/07/15
A2022/00888	MOTORCYCLES	2022/08/02
A2022/00964	FOOTWEAR	2022/08/18
A2022/00965	FOOTWEAR	2022/08/18
A2022/01038	SET OF SCREEN DISPLAYS WITH A GRAPHICAL USER INTERFACE AND HORIZONTAL PAGE INDICATOR	2022/09/02
A2022/01039	SET OF SCREEN DISPLAYS WITH A GRAPHICAL USER INTERFACE AND HORIZONTAL PAGE INDICATOR	2022/09/02
A2022/01045	COMPUTING UNIT	2022/09/05
A2022/01148	HEADWARE	2022/09/28
A2022/01213	PERFUME BOTTLES	2022/10/06
A2022/01214	Wireless Remote Control	2022/10/07
A2022/01215	Wireless Remote Control	2022/10/07
A2022/01217	POWERLINE PROTECTION DEVICES	2022/10/07
A2022/01219	POWERLINE PROTECTION DEVICES	2022/10/07
A2022/01259	Capsule	2022/10/12
A2022/01260	Car	2022/10/12
A2022/01261	Toy Car	2022/10/12
A2022/01282	Educational Apparatuses	2022/10/13
A2022/01283	Educational Apparatuses	2022/10/13
A2022/01284	Educational Apparatuses	2022/10/13
A2022/01291	CARS	2022/10/14
A2022/01292	MINIATURE GOLF HOLES	2022/10/14
A2022/01294	MINIATURE GOLF HOLES	2022/10/14
A2022/01295	MINIATURE GOLF HOLES	2022/10/14

Application Number	Design Articles	Filing Date
A2022/01301	HANDLES FOR COOKING POTS	2022/10/17
A2022/01302	HANDLES FOR SAUCEPANS AND PANS	2022/10/17
A2022/01303	HANDLES FOR LIDS FOR COOKING POTS, SAUCEPANS, OR PANS	2022/10/17
A2022/01304	SURFACE PATTERN FOR COOKING POTS, SAUCEPANS, OR PANS	2022/10/17
A2022/01305	SETS OF COOKING POTS	2022/10/17
A2022/01306	SETS OF SAUCEPANS AND PANS	2022/10/17
A2022/01322	Basin Mixer	2022/10/20
A2022/01323	Vessel Mixer	2022/10/20
A2022/01324	Outlet and Tap Set	2022/10/20
A2022/01325	Wall Outlet	2022/10/20
A2022/01326	Side Lever Sink Mixer	2022/10/20
A2022/01327	Wall Mounted Tap	2022/10/20
A2022/01328	Wall Shower Mixer Tap	2022/10/20
A2022/01329	Wall Shower Diverter and Mixer Tap	2022/10/20
A2022/01332	VIAL HOLDERS	2022/10/21
A2022/01333	VIAL HOLDERS	2022/10/21
A2022/01334	VIAL HOLDERS	2022/10/21
A2022/01335	VIAL HOLDERS	2022/10/21
A2022/01338	Bag supports	2022/10/21
A2022/01342	LATCH STRIKE PLATE	2022/10/24
A2022/01346	AV Receiver	2022/10/26
A2022/01347	AV Receiver	2022/10/26
A2022/01364	A Merchandise Display	2022/10/28
A2022/01365	Pencil	2022/10/28
A2022/01366	Pencil	2022/10/28
A2022/01367	Pencil	2022/10/28
A2022/01368	Pencil	2022/10/28
A2022/01369	Pencil	2022/10/28
A2022/01370	Pencil	2022/10/28
A2022/01379	A Merchandise Display	2022/10/31
A2022/01430	WASHBASIN	2022/11/10
A2022/01431	WASHBASIN	2022/11/10
A2022/01476	TUB	2022/11/16
A2022/01480	DEODORANT HOLDER	2022/11/16
A2022/01481	DEODORANT HOLDER	2022/11/16
A2022/01483	DEODORANT HOLDER	2022/11/16
A2022/01485	BOTTLE	2022/11/17
A2022/01489	BOTTLE	2022/11/17
A2022/01494	OIL STRAINER	2022/11/17
A2022/01498	SHAFT SHACKLE	2022/11/17
A2022/01500	BARBEQUE STAND	2022/11/17
A2022/01512	A WATER FILTER	2022/11/23
A2022/01527	CLIP	2022/11/28
A2023/00411	FOLDABLE AND COLLAPSIBLE MULTIPLE BEVERAGE CARRIER	2023/03/31
A2023/00518	EYEDROP BOTTLE	2023/04/28
A2023/00686	PORTABLE BACKUP POWER SUPPLIES	2023/06/12

Application Number	Design Articles	Filing Date
A2023/00687	PORTABLE BACKUP POWER SUPPLIES	2023/06/12
F2022/00207	MOUNTING DEVICE FOR A SHOCK ABSORBER FOR A VEHICLE	2022/02/28
F2022/00607	CONTAINER TOGETHER WITH A BULK PACKAGING TRAY, WHICH TOGETHER ACT AS A CONTAINER AND HUMIDITY CONTROL SYSTEM USED FOR THE STORING OF MEDICAL GRADE AND NON-MEDICAL GRADE HERBAL PRODUCT	2022/05/31
F2022/00608	CONTAINER USED FOR THE STORING OF MEDICAL AND NON-MEDICAL GRADE HERBAL PRODUCT WHILST PRESERVING ITS CHEMICAL INTEGRITY	2022/05/31
F2022/00991	ROTATING SECURITY SPIKES	2022/08/26
F2022/01001	ADJUSTING RACK	2022/08/26
F2022/01046	COMPUTING UNIT	2022/09/05
F2022/01274	FIBRE BOLT SPLIT SET	2022/10/13
F2022/01275	COMPOSITE SUSPENSION BOLT	2022/10/13
F2022/01331	WEAR PLATES	2022/10/21
F2022/01336	Bag supports	2022/10/21
F2022/01337	Bag supports	2022/10/21
F2022/01345	A WHEEL LIFTING DEVICE	2022/10/26
F2022/01349	BUILDING ELEMENTS	2022/10/26
F2022/01477	TUB	2022/11/16
F2022/01486	BOTTLE	2022/11/17
F2022/01488	BOTTLE	2022/11/17
F2022/01490	BOTTLE	2022/11/17
F2022/01497	OIL STRAINER	2022/11/17
F2022/01499	SHAFT SHACKLE	2022/11/17
F2022/01501	BARBEQUE STAND	2022/11/17
F2022/01513	A WATER FILTER	2022/11/23
F2022/01526	CLIP	2022/11/28
F2023/00438	FOLDABLE AND COLLAPSIBLE MULTIPLE BEVERAGE CARRIER	2023/03/31
F2023/00533	BED BASE	2023/05/03