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INCLUDING TRADE MARKS, DESIGNS AND COPYRIGHT IN CINEMATOGRAPH FILMS

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THE PARTICULARS APPEAR IN THE FOLLOWING SEQUENCE:

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

The numerical references denote the following: **(21)** Number of application. **(22)** Date of application. **(43)** Date of acceptance. **(51)** Class. **(71)** Name of applicant(s). **(72)** Name of all inventors. **(33)** Country. **(31)** Number and **(32)** Date of convention application. **(54)** Title of invention. **(00)** Number of sheets.

. - APPLIED ON 2025/12/12 -

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2025/10778 ~ Complete ~54:METHOD FOR DETERMINING VOID CONTENT OF COARSE AGGREGATES IN ASPHALT MIXTURE BASED ON GYRATORY COMPACTOR ~71:Gansu Changlong Highway Maintenance Technology Research Institute Co., Ltd., 10th floor of Tower A, No. 1689, Yanbei Road, Chengguan Dist., Lanzhou, Gansu, People's Republic of China;Gansu Province Transportation Planning Survey & Design Institute Co., Ltd., No. 213, Jiuquan Road, Chengguan Dist., Lanzhou, Gansu, People's Republic of China ~72: Qingxia Cao;Xianglong Feng;Xiaoqi Yan;Zhengpeng Wei;Zhongliang Feng;Ziqi Li~ 33:CN ~31:2025113380399 ~32:18/09/2025

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2025/10763 ~ Complete ~54:INTELLIGENT DOUBLE-HEAD FACE MILLING MACHINE ~71:SHANDONG LEAD CNC MACHINERY CO., LTD, No. 1777 Guanda Street, Licheng District, Jinan, People's Republic of China ~72: FU, Tiansheng;SUN, Chengjun;YAO, Huanling;ZHANG, Shun~ 33:CN ~31:2025102100411 ~32:25/02/2025

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2025/10754 ~ Provisional ~54:A SYSTEM AND METHOD FOR DELIVERING EXPLOSIVE COMPOSITIONS ~71:ENAEX AFRICA (PTY) LTD., 2nd Floor Oxford Parks, 199 Oxford Road, DUNKELD, Johannesburg 2196, Gauteng, SOUTH AFRICA, South Africa ~72: OLIVIER, Ruben~

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2025/10769 ~ Complete ~54:CAMERA DEVICE SUITABLE FOR SOCIAL GOVERNANCE PLATFORMS ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: WANG Yanfei~

2025/10776 ~ Complete ~54:MULTIMODAL REMOTE SENSING IMAGE REGISTRATION METHOD AND SYSTEM ~71:Jinggangshan University, No. 28 Xueyuan Road, Ji'an City, Jiangxi Province, People's Republic of China ~72: LIU, Huan;XIAO, Genfu~

2025/10798 ~ Complete ~54:WIRED INTERFACE ~71:DETNET SOUTH AFRICA (PTY) LTD, AECI Place, The Woodlands, Woodlands Drive, Woodmead, South Africa ~72: MEYER, Tielman Christiaan~ 33:ZA ~31:2023/06195 ~32:13/06/2023

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Qurayyat, Jouf University, Qurayyat, Saudi Arabia;Dr. Amir Mahgoub, College of Applied Sciences, Sulaiman Al Rajhi University, Bukairiyah, - 51941, P O Box 777, Saudi Arabia;Dr. Mitesh Patel, Department of Computer Science and Bioscience, Faculty of Engineering and Technology, Marwadi University, Rajkot - 360003, Gujarat, India;Dr. Mohammad Saquib Ashraf, Department of Medical Laboratory Science, College of Pharmacy, Nursing and Medical Sciences, Riyadh ELM University, P.O. Box 12734, Riyadh, Saudi Arabia;Prof. Mohd Adnan, Department of Biology, College of Science, University of Ha'il, P.O. Box 2440, Ha'il, Saudi Arabia;Prof. Mousa Alreshidi, Department of Biology, College of Science, University of Ha'il, P.O. Box 2440, Ha'il, Saudi Arabia ~72: Dr. Abdelbaset Elasbali;Dr. Amir Mahgoub;Dr. Mitesh Patel;Dr. Mohammad Saquib Ashraf;Prof. Mohd Adnan;Prof. Mousa Alreshidi~

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2025/10787 ~ Complete ~54:AN AI-ENHANCED SMART CRICKET PAD FOR IMPROVED UMPIRING ACCURACY AND PLAYER FEEDBACK ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: ASEGAONKAR, Parth;GAWANDE, Pravin;GUHADE, Ajay;GUPTA, Bishal Kumar;GUPTA, Indrajeet Kumar;MESHRAM, Vidula V.;MESHRAM, Vishal A;PATIL, Vaishali;POL, Rahul Shivaji~

2025/10790 ~ Complete ~54:SOLID ORAL FORMULATION OF PUDAFENSINE ~71:INITIATOR PHARMA A/S, Ole Maaløes Vej 3, Denmark ~72: EGEBRO, René;THOMSEN, Mikael~ 33:EP ~31:23180312.3 ~32:20/06/2023;33:EP ~31:23201954.7 ~32:05/10/2023

2025/10793 ~ Complete ~54:EXTENDED RELEASE FORMULATION OF PUDAFENSINE ~71:INITIATOR PHARMA A/S, Ole Maaløes Vej 3, Denmark ~72: EGEBRO, René;THOMSEN, Mikael~ 33:EP ~31:23180301.6 ~32:20/06/2023;33:EP ~31:23201946.3 ~32:05/10/2023

2025/10810 ~ Complete ~54:PI3K INHIBITORS AND USE THEREOF ~71:Regor Pharmaceuticals, Inc., 245 Main Street, Second Floor, CAMBRIDGE 02142, MA, USA, United States of America ~72: FENG, Teng;HUA, Xin;WANG, Kailiang;WANG, Zhenglin;WU, Tianlun;YU, Bo;ZHAO, Feng;ZHONG, Wenge~ 33:IB ~31:2023/101669 ~32:21/06/2023

2025/10795 ~ Complete ~54:CLEANING ARRANGEMENT FOR A UV LIGHT ~71:BOTHA, Paulus Quartus, ERF 2530 Porteville, South Africa ~72: BOTHA, Paulus Quartus~ 33:ZA ~31:2023/07240 ~32:20/07/2023

2025/10753 ~ Provisional ~54:AN EXPLOSIVE DELIVERY SYSTEM AND METHOD ~71:ENAEX AFRICA (PTY) LTD., 2nd Floor Oxford Parks, 199 Oxford Road, DUNKELD, Johannesburg 2196, Gauteng, SOUTH AFRICA, South Africa ~72: OLIVIER, Ruben~

2025/10755 ~ Provisional ~54:A ROBOTIC CHARGING SYSTEM AND METHOD ~71:ENAEX AFRICA (PTY) LTD., 2nd Floor Oxford Parks, 199 Oxford Road, DUNKELD, Johannesburg 2196, Gauteng, SOUTH AFRICA, South Africa ~72: OLIVIER, Ruben~

2025/10765 ~ Complete ~54:METHOD FOR IDENTIFYING GENETIC RELATIONSHIP OF SORGHUM HYBRIDS ~71:Shanxi Agricultural University, Sorghum Research Institute, NO.238 Yunhua West Street, Yuci District, Jinzhong, Shanxi Province, 030600, People's Republic of China ~72: Du LIANG;Jianwu ZHAO;Qi GUO;Qingshan LIU;Xiaojuan ZHANG;Xinqi FAN;Yizhong ZHANG~

2025/10766 ~ Complete ~54:USE OF REAGENT FOR DETECTING EXPRESSION LEVELS OF NEUTRAL AMINO ACID TRANSPORTERS AND MIR-17-5P IN PREPARATION OF PRODUCTS FOR ASSESSING AGING ~71:Qingdao Saier Biomedical Technology Co., Ltd., No. 10 Hong Kong West Road, Shinan District, Qingdao City, Shandong Province, 266000, People's Republic of China ~72: GONG, Yan;JIANG, Hui;WANG, Zhuofan;XU, Zizhuo~

2025/10767 ~ Complete ~54:REVERSE ELECTRODIALYSIS-DRIVEN FORWARD OSMOSIS LITHIUM EXTRACTION SYSTEM FOR HIGH-ALTITUDE SALT LAKES AND OPERATION METHOD THEREFOR ~71:Changji Fangxia Institute of Ecological and Environmental Conservation, Changji Hui Autonomous Prefecture, Room 1102, Unit 2, Tianrun Century Building, Yan'an South Road, Yan'an North Road Sub-district, Changji City, Changji Prefecture, Xinjiang, People's Republic of China;Dezhou Pengruida Energy-saving Environmental Conservation Technology Co., Ltd., No. 6, GRAD Road, Tianqu Sub-district Office, Decheng

District, Dezhou City, Shandong Province, People's Republic of China;Shandong GRAD Group Co., Ltd., No. 6, GRAD Road, Tianqu Industrial Park, Dezhou City, Shandong Province, People's Republic of China ~72: Jianhua Liu;Luopeng Yang;Politaeva Natalia Anatolievna~ 33:CN ~31:202511188103X ~32:25/08/2025

2025/10774 ~ Complete ~54:APPLICATION OF RILPIVIRINE IN PREPARATION OF DRUGS FOR TREATING SCHISTOSOMIASIS ~71:Dalian Medical University, No. 9, West Section of Lvshun South Road, Dalian, Liaoning, 116044, People's Republic of China ~72: HUANG, Yaru;LI, Peining;MA, Jianjun;QIN, Yuanhua;SHI, Lei;XU, Xinrui~

2025/10789 ~ Complete ~54:A3 ADENOSINE RECEPTOR LIGANDS FOR USE IN THE TREATMENT OF DISEASES ASSOCIATED WITH OCRL GENE DISFUNCTION ~71:CONSIGLIO NAZIONALE DELLE RICERCHE, Piazzale Aldo Moro 7, Italy;FONDAZIONE TELETHON ETS, Via Varese 16B, Italy ~72: DE MATTEIS, Maria Antonietta;STAIANO, Leopoldo;VICINANZA, Mariella~ 33:IT ~31:102023000014340 ~32:10/07/2023

2025/10792 ~ Complete ~54:A COVER FOR GOLF CLUBS ~71:DE WET, Christoffel Johannes Henze, 10 CASTEN ROAD, GROENVLEI, South Africa ~72: DE WET, Christoffel Johannes Henze~ 33:ZA ~31:2023/06232 ~32:14/06/2023

2025/10794 ~ Complete ~54:HUMANIZED MUC1 ANTIBODY AND ANTIBODY DRUG CONJUGATE ~71:SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED, 17/B, Mahal Industrial Estate, Mahakali Caves Road, India ~72: BEHERA, Adaitya Prasad;CHRUVATTIL, Ragithakumari;DAMLE, Nitin Krishnaji;DAS, Argha;GUPTA, Shruti;KUMAR, Nemmani;KUMAR, Vinod P.;MEHRA, Vikas B;SAMANTA, Biswajit;SHAKTI, Jain;THAKER, Akhil~ 33:IN ~31:202321051338 ~32:31/07/2023

2025/10920 ~ Complete ~54:A PREPARATION METHOD AND APPLICATIONS OF SPHALLEROCARPUS GRACILIS FERMENTATION BROTH WITH HYPOGLYCEMIC AND LIPID-LOWERING FUNCTIONS ~71:LANZHOU UNIVERSITY, No. 222 South Tianshui Road, Lanzhou, People's Republic of China;ZHANGYE WATER SAVING AGRICULTURAL EXPERIMENTAL STATION, GANSU ACADEMY OF AGRICULTURAL SCIENCES, 9 Kilometers South Suburb, Zhangye City, People's Republic of China ~72: CAI, Ziwen;DING, Liangliang;HE, Fan;LI, Xing;LIU, Diru;ZHOU, Jinwei~ 33:CN ~31:2024118483950 ~32:16/12/2024

2025/10796 ~ Complete ~54:MEMBRANE ELECTRODE ASSEMBLY ~71:POWERCELL SWEDEN AB, Ruskvädersgatan 12,, Sweden ~72: MUNTHE, Stefan~ 33:SE ~31:2350842-7 ~32:05/07/2023

2025/10811 ~ Complete ~54:HETEROCYCLIC COMPOUND AND HARMFUL ARTHROPOD CONTROL COMPOSITION CONTAINING SAME ~71:SUMITOMO CHEMICAL COMPANY, LIMITED, 2-7-1 Nihonbashi Chuo-ku, Tokyo, 103-6020, Japan ~72: BUNTA NISHIKAWA;HIDEMITSU MINEGISHI;HIROTO SHINOMIYA;RYOTA MAEHATA~ 33:JP ~31:2023-088493 ~32:30/05/2023;33:JP ~31:2023-218891 ~32:26/12/2023

. - APPLIED ON 2025/12/17 -

2025/10814 ~ Provisional ~54:SYSTEM AND METHOD FOR EMPLOYER WAGE RETURN-ON-INVESTMENT COMPUTATION USING VERIFIED WAGE DATA ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2025/10820 ~ Provisional ~54:VERIWED ~71:Fanie van der Walt, 175 Kaneelbas Avenue, South Africa ~72: Fanie van der Walt;VeriWed Tech Solutions (Pty) Ltd~

2025/10822 ~ Provisional ~54:PERSONAL DELIVERY BOX ~71:Phusha Donsa (Pty) Ltd, Doornhoek Farm, South Africa ~72: CONRADIE, Pieter~

2025/10823 ~ Provisional ~54:SYSTEM AND METHOD FOR GENERATING, MAINTAINING, AND GOVERNING CANONICAL WAGE INTELLIGENCE OBJECTS FOR VERIFIED WAGE COMPUTATION, SELECTIVE DISCLOSURE, AND MULTI-PRODUCT FINANCIAL INTEGRATION ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2025/10827 ~ Complete ~54:ELECTRICALLY CONTROLLED EDGE CUTTING DEVICE FOR ELECTROMECHANICAL MACHINERY ~71:GUIZHOU UNIVERSITY OF ENGINEERING SCIENCE, NO. 1, XUEYUAN ROAD, QIXINGGUAN DISTRICT, BIJIE CITY, People's Republic of China ~72: GAO, Shenghan;YU, Huanle~

2025/10829 ~ Complete ~54:ARTIFICIAL FERMENTATION METHOD FOR CIGAR TOBACCOS ~71:Yunnan Endian Technology Development Co., Ltd., No. 13 Longxiang Road, Chunhe Street, Hongta District, Yuxi City, Yunnan Province, 653100, People's Republic of China;Yuxi Vocational College Of Agriculture (Yunnan Tobacco Cultivation School), No. 41, Xiangjiazhuang, Yanhe Street, Hongta District, Yuxi City, Yunnan Province, 653106, People's Republic of China ~72: CHEN, Fei;GU, Xingbo;HE, Fuying;LI, Jia;SHEN, Yunhui;SUN, Shaobin;YU, Ziyun;ZHENG, Jian;ZHOU, Xiao;ZHU, Chen~

2025/10839 ~ Complete ~54:IGNITION UNIT FOR A PROPELLANT CHARGE ~71:RHEINMETALL WAFFE MUNITION GMBH, Heinrich-Ehrhardt-Strasse 2, Germany ~72: BACHMAYER, Maria;FOCKEN, Ulrich;HUBER, Alexander;OLTMANNS, Jens;SAUER, Alexander~ 33:DE ~31:10 2024 139 338.6 ~32:20/12/2024

2025/10835 ~ Complete ~54:A GRAIN-SAVING ANNULAR FEEDING TROUGH FOR LIVESTOCK BREEDING AND A FEEDING METHOD ~71:Institute of Animal Husbandry, Henan Academy of Agricultural Sciences, No. 116, Huayuan Road, Zhengzhou City, Henan Province, 450002, People's Republic of China ~72: CHEN Wen;HAN Bingji;HU Xiaofei;MA Huihui;SONG Qingyi;WANG Jiayi;WEI Fengxian;YAN Xiangzhou~

2025/10847 ~ Complete ~54:A PRECISE NUTRITIONAL-REGULATION FEEDER FOR PROMOTING EWE REPRODUCTION ~71:Institute of Animal Husbandry and Veterinary Medicine, College of Agriculture and Animal Husbandry, Xizang Autonomous Region, No.56, Duodi Road, Chengguan District, Lhasa City, Xizang Autonomous Region, 850000, People's Republic of China;Yangzong Zhaxi, No.56, Duodi Road, Chengguan District, Lhasa City, Xizang Autonomous Region, 850000, People's Republic of China ~72: Jiacuo Gesang;Xinyan Chen;Yangzong Zhaxi~

2025/10855 ~ Complete ~54:ANTIVIRAL POLYPEPTIDE MEMBRANE FUSION INHIBITOR, AND PREPARATION METHOD AND APPLICATION THEREOF ~71:BEIJING YOUCARE KECHUANG PHARMACEUTICAL TECHNOLOGY CO., LTD., Room 101, 1st Floor, Building 3, Yard 11, Kechuang 7th Street, People's Republic of China ~72: CUI, Yiwen;LI, Jing;LIU, Zhaoguo;SONG, Gengshen;WANG, Donghang;XIE, Chao;YANG, Wei;YU, Fei;ZHANG, Man;ZHANG, Yingxin~ 33:CN ~31:202510165137.0 ~32:14/02/2025;33:CN ~31:202511328719.2 ~32:17/09/2025

2025/10868 ~ Complete ~54:PHARMACEUTICAL COMPOSITION COMPRISING IBUPROFEN ~71:TSETI, Ioulia, 13 PAVLOU MELA STREET, 145 61 KIFISSIA ATTIKIS, GREECE, Greece ~72: TSETI, Ioulia~ 33:GR ~31:20230100444 ~32:02/06/2023;33:GR ~31:20230100623 ~32:27/07/2023;33:GR ~31:20230100733 ~32:13/09/2023

2025/10887 ~ Complete ~54:ANTI-HIV COMPOUNDS ~71:GILEAD SCIENCES, INC., 333 Lakeside Drive, Foster City, California, 94404, United States of America ~72: BINDU GOYAL;BRADLEY THOMAS REID;DORIS T

TANG;GEDIMINAS J BRIZGYS;LUISRUBEN P MARTINEZ;MICHAEL O'NEIL HANRAHAN CLARKE;NATHAN D SHAPIRO;RAHEEL FONDEKAR~ 33:US ~31:63/470,139 ~32:31/05/2023

2025/10880 ~ Complete ~54:SLURRY FEEDING ARRANGEMENT, FLOTATION UNIT, FLOTATION PLANT AND METHOD ~71:METSO FINLAND OY, Rauhalanpuisto 9, Finland ~72: BOURKE, Peter;RINNE, Antti;YANEZ, Alejandro~ 33:FI ~31:20235823 ~32:13/07/2023

2025/10881 ~ Complete ~54:FLOATING UNIT FOR ENERGY HARVESTING ~71:OCEAN INVESTMENT AS, c/o Kare Olav Krogenes, Fjaeragata 6, 5521 Haugesund, Norway ~72: KROGENES, Kåre Olav~ 33:NO ~31:20230712 ~32:21/06/2023

2025/10886 ~ Complete ~54:PROCESS FOR THE PREPARATION OF METHANOL ~71:TOPSOE A/S, Haldor Topsøes Allé 1, 2800, Kgs. Lyngby, Denmark ~72: TROELS JUEL FRIIS-CHRISTENSEN~ 33:DK ~31:PA202330073 ~32:08/06/2023;33:DK ~31:PA202330091 ~32:21/06/2023

2025/10890 ~ Complete ~54:PREPARATION OF TOLERIZING NANOPARTICLES FOR THE TREATMENT OF PRIMARY BILIARY CHOLANGITIS ~71:COUR PHARMACEUTICALS DEVELOPMENT COMPANY INC., 8045 Lamon Avenue, # 1202, Skokie, Illinois, 60077, United States of America ~72: ADAM ELHOFY;MICHAEL BOYNE;TUSHAR MURTHY~ 33:US ~31:63/503,771 ~32:23/05/2023

2025/10896 ~ Provisional ~54:ASI-LEVEL MULTI-AGENT FRAMEWORK FOR SPACE DEFENSE AND HYPERSONIC THREAT DETECTION ~71:RULIAL SPACE AGENCY (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10900 ~ Provisional ~54:SYSTEM AND METHOD FOR AUTONOMOUS REAL-TIME ANOMALY DIAGNOSIS AND RECOVERY IN CRITICAL SYSTEMS (RULIAL-ADAPTIVE KERNEL) ~71:QREVULUTION ORBIT (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10902 ~ Provisional ~54:QUANTUM-RESILIENT ARTIFICIAL GENERAL INTELLIGENCE CORE FOR AUTONOMOUS ORBITAL OPERATIONS ~71:RULIAL SPACE AGENCY (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10903 ~ Provisional ~54:A UNIFIED SYSTEM AND METHOD FOR SECURE,ENERGY-AUTONOMOUS COMMUNICATIONS IN TERRESTRIAL,AEROSPACE,AND EXTRA-TERRESTRIALS ENVIRONMENTS ~71:QREVULUTION ORBIT (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10912 ~ Provisional ~54:QREVDB™:THE WORLD'S FIRST MDI-QKD-ENABLED, MULTI-DIALECT AI DATABASE FOR TERRESTRIAL,MARINE,ORBITAL,AND EXTRATERRESTRIAL DEPLOYMENT WITH INTEGRATED AGI SUBSTRATE ~71:QREVULUTION ORBIT (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10910 ~ Provisional ~54:INTEGRATED CUBESAT SYSTEM WITH QUANTUM KEY DISTRIBUTION,MULTI-SOURCE ENERGY HARVESTING,AND HYBRID COMMUNICATIONS FOR A SECURE SATELLITE NETWORK ~71:QREVULUTION ORBIT (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10848 ~ Complete ~54:BOILER WARP-AND-WEFT GRATE ANTI-WEAR THERMAL SPRAYING DEVICE AND USE METHOD THEREOF ~71:Henan Jiuxie Technology Co., Ltd., Room 1332, East Street Office Building,

100 meters south of the intersection of Zhonghua Road and Anzhang Avenue, Beiguan District, Anyang City, Henan Province, People's Republic of China ~72: Guobing Kai;Xingming Xia~

2025/10830 ~ Complete ~54:HALOGEN-GUIDED KOTTAMIDE D DERIVATIVES AS POTENT INHIBITORS OF INFLUENZA A H1N1 (PA ENDONUCLEASE) AND H5N1 (NEURAMINIDASE) ~71:Nagaland University, Lumami, District Zunheboto, Nagaland, 798627, India ~72: Angunuo Khieya;Basanta Singha;Penlisola Longkumer;Upasana Bora Sinha~

2025/10841 ~ Complete ~54:AGITATOR BALL MILL WITH SUPPORT SYSTEM FOR COOLING THE GRINDING CONTAINER ~71:Netzsch-Feinmahltechnik GmbH, Sedanstraβe 70, SELB 95100, GERMANY, Germany ~72: KAPP, Matthias;WEILAND, Lars-Peter;WENISCH, Benedikt~ 33:DE ~31:10 2024 138 556.1 ~32:18/12/2024

2025/10845 ~ Complete ~54:VISUALIZED COMBINED TEST METHOD FOR CROSS-SECTIONAL CRUSHING AND CRACK PROPAGATION OF CYLINDRICAL SHELLS ~71:Tianjin University, No.135 Yaguan Road, Jinnan District, Tianjin, 300354, People's Republic of China ~72: LI Zeheng;LI Zhenmian;LIANG Yuqing;YU Yang;ZHANG Haoxi~

2025/10852 ~ Complete ~54:A REAL-TIME SEWAGE WATER QUALITY MONITORING AND EARLY WARNING SYSTEM BASED ON MULTI-SOURCE SENSING INFORMATION FUSION AND ITS METHOD ~71:Huadian Water Technology Co., Ltd., 601-1,Unit 1,Building No.1,Yard No.6, East Road of AutoMuseum ,Fengtai District,Beijing, People's Republic of China ~72: CUI Desheng;LI Hongxiu;LI Weilin;LIU Jin;QIN Shupeng;YE Shurong~ 33:CN ~31:202511738187X ~32:25/11/2025

2025/10866 ~ Complete ~54:PROCESS FOR HYDROLYTICALLY DEPOLYMERIZING A POLYAMIDE ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: BLEI, Stefan;EL-TOUFAILI, Faissal-Ali;GAUER, Jochen;RAVIKUMAR, Vikram, Raghavendhar~ 33:EP ~31:23177610.5 ~32:06/06/2023;33:EP ~31:23211697.0 ~32:23/11/2023

2025/10877 ~ Complete ~54:STEEL PLATE OF A CONCRETE SECTION OF A WIND TURBINE TOWER, SUBSET OF A WIND TURBINE TOWER, WIND TURBINE AND METHOD OF ASSEMBLING A WIND TURBINE TOWER ~71:Nordex Energy Spain, S.A.U., Polígono Industrial Barasoain, Parcela 2, BARASOAIN 31395, SPAIN, Spain ~72: ARLABÁN, Teresa;ASTRAIN, Diego;CERRILLO, Vanessa;GALLEGO, Miguel Angel;GARCIA, Ivan;GARDUÑO, Aitor;RUBIO GUILLEN, Iñigo;VARELA, Fernando~ 33:EP ~31:23382629.6 ~32:21/06/2023

2025/10889 ~ Complete ~54:HUMAN PAPILLOMAVIRUS VACCINES AND USES OF THE SAME ~71:PRECIGEN, INC., 20358 Seneca Meadows Parkway, Germantown, Maryland, 20876, United States of America ~72: CHERYL G BOLINGER;DOUGLAS E BROUGH;KUAN-FU DING;PRABAKARAN PONRAJ;RAMYA YARLAGADDA;SIMON METENOU;VINODHBABU KURELLA~ 33:US ~31:63/468,119 ~32:22/05/2023

2025/10891 ~ Complete ~54:TREATMENT OF TYPE 1 DIABETES (T1D) WITH TOLERIZING NANOPARTICLES ~71:COUR PHARMACEUTICALS DEVELOPMENT COMPANY INC., 8045 Lamon Avenue, # 1202, Skokie, Illinois, 60077, United States of America ~72: ADAM ELHOFY;GRETA WODARCYK;MICHAEL BOYNE~ 33:US ~31:63/504,271 ~32:25/05/2023;33:US ~31:63/566,571 ~32:18/03/2024

2025/10893 ~ Complete ~54:COLLECTION AND ANALYSIS OF ENVIRONMENTAL BIOLOGICAL MATERIAL ~71:SGS SOCIÉTÉ GÉNÉRALE DE SURVEILLANCE SA, 1 place des Alpes, 1201, Geneva, Switzerland ~72: ANTÓNIO M. MENDES;FILIPE CADETE;JOÃO SILVA RODRIGUES;SARA PARDAL;VANESSA ZUZARTE LUÍS;WILLEM VAN STRIEN~ 33:EP ~31:23020262.4 ~32:26/05/2023;33:EP ~31:23020283.0 ~32:08/06/2023

2025/10905 ~ Provisional ~54:COGNITIVE MESH NETWORK FOR DEEP SPACE EXPLORATION AND AUTONOMOUS COLONIZATION ~71:RULIAL SPACE AGENCY (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10908 ~ Provisional ~54:A SYSTEM AND METHOD FOR MULTI-DOMAIN,QUANTUM-RESILIENT SECURE COMMUNICATIONS (AEGIS QUANTUM NEXUS) ~71:QREVULUTION ORBIT (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10909 ~ Provisional ~54:TOPOLOGICAL THREAT-SPACE MULTIPLEX FRAMEWORK TTSMF AND ADAPTIVE SECURITY ORCHESTRATION KERNEL ASOK FOR AUTONOMOUS CYBERSECURITY DEFENCE ~71:RULIAL SPACE AGENCY (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10892 ~ Complete ~54:IMPROVED SEED VIRUSES ~71:SEQIRUS INC., 475 Green Oaks Parkway, Holly Springs, North Carolina, 27540, United States of America ~72: CHARLES MCGEE;CHRISTOPHER GULLY;GREGORY EKBERG;TERIKA ERNST~ 33:US ~31:63/508,946 ~32:19/06/2023

2025/10832 ~ Complete ~54:A GREENHOUSE CUCUMBER DRIP IRRIGATION UNDER MULCH PARAMETER COLLABORATIVE OPTIMIZATION CULTIVATION METHOD ~71:China University of Mining and Technology, No. 1 Daxue Road, Tongshan District, Xuzhou City, Jiangsu Province, People's Republic of China;Xuzhou Institute Of Ecological Civilization Construction, 7th Floor, Building C-2-B, Xuzhou Software Park, Jinshan East Road, Quanshan District, Xuzhou City, Jiangsu Province, People's Republic of China ~72: Jiang Nan;Jing Wei;Qu Junfeng;Wang Gaijing;Wang Kun;Wang Yanzhi;Zhong Chongxiang;Zhou Lei;Zhou Zhipeng~ 33:CN ~31:2025116024818 ~32:04/11/2025

2025/10869 ~ Complete ~54:PHARMACEUTICALLY ACCEPTABLE SALTS OF 3-(2,3-DIFLUOROPHENOXY)AZETIDINE AND USES THEREOF ~71:INTEGRATIVE RESEARCH LABORATORIES SWEDEN AB, Arvid Wallgrens Backe 20, Sweden ~72: BUKSA, Maija;EKAWA, Bruno;FERNANDEZ, Ana;KAZAČONOKA, Galina;NGUYEN, Lien;WATERS, Nicholas~ 33:EP ~31:23183804.6 ~32:06/07/2023

2025/10911 ~ Provisional ~54:MULTI-ORBIT QUANTUM MESH NETWORK WITH REGULATORY-INTEGRATED SECURITY AND PHYSICAL-LAYER COMPLIANCE PROTOCOL ~71:QREVULUTION ORBIT (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10870 ~ Complete ~54:MECHANISM FOR BUFFER STATUS REPORT ~71:NOKIA TECHNOLOGIES OY, KARAKAARI 7, 02610 ESPOO, FINLAND, Finland ~72: SEBIRE, Benoist, Pierre;WU, Chunli;YANAKIEV, Boyan~

2025/10849 ~ Complete ~54:THERMAL-SPRAYED ANTICORROSION PROCESS FOR BOILER WARP-AND-WEFT GRATE AND USE METHOD THEREOF ~71:Lianyungang Shengyuan Technology Co., Ltd., No. 68, Xinba Middle Road, Liwei Village, Jinping Town, Haizhou Dist., Lianyungang, Jiangsu, People's Republic of China ~72: Jiatun Pan;Peng Hu~

2025/10851 ~ Complete ~54:AN INTELLIGENT IRRIGATION METHOD FOR ECOLOGICAL RESTORATION IN PHOTOVOLTAIC ZONES BASED ON AUTOMATED MACHINE LEARNING ~71:Huadian Water Technology Co., Ltd., 601-1,Unit 1,Building No.1,Yard No.6, East Road of AutoMuseum,Fengtai District,Beijing, People's Republic of China ~72: CHEN Beiyang;MENG Lu;SHAO Junli;XUN Hongmin;YE Shurong;ZHANG Weike;ZHAO Chenggang~ 33:CN ~31:2024118758417 ~32:18/12/2024

2025/10853 ~ Complete ~54:A MAGNETIC COAGULATION SEDIMENTATION SYSTEM FOR WASTEWATER TREATMENT AND METHOD FOR CONSTRUCTING THE SAME ~71:Huadian Water Technology Co., Ltd., 601-

1,Unit 1,Building No.1,Yard No.6, East Road of AutoMuseum ,Fengtai District,Beijing, People's Republic of China ~72: CHEN Beiyang;SHAO Junli;XUN Hongmin;YE Shurong;ZHAO Anran~ 33:CN ~31:2025110026260 ~32:24/07/2025

2025/10854 ~ Complete ~54:A MULTI-MODAL-PERCEPTION-BASED WASTEWATER TREATMENT METHOD AND SYSTEM ~71:Huadian Water Technology Co., Ltd., 601-1,Unit 1,Building No.1,Yard No.6, East Road of AutoMuseum ,Fengtai District,Beijing, People's Republic of China ~72: CHEN Beiyang;LIANG Jiajia;MENG Lu;SHAO Junli;TANG Jinlong;WANG Zhaoqian;XIAO Ke;XUN Hongmin;YANG Zaiwei;YE Shurong;ZHAO Anran~ 33:CN ~31:202511596929X ~32:04/12/2025

2025/10860 ~ Complete ~54:DEVICE FOR TEXTURING THE SURFACE OF A MOVING STRIP ~71:ARCELORMITTAL, 24-26 Boulevard d'Avranches, Luxembourg ~72: David WICKY;Eric SILBERBERG;Maria ALBARRACIN~ 33:IB ~31:PCT/IB2023/057672 ~32:28/07/2023

2025/10867 ~ Complete ~54:SUBMERSIBLE VEHICLE ~71:CAYAGO TEC GmbH, BENZSTRASSE 10, 32108 BAD SALZUFLEN, GERMANY, Germany ~72: WALPURGIS, Hans-Peter~ 33:DE ~31:10 2023 116 622.0 ~32:23/06/2023

2025/10907 ~ Provisional ~54:SYSTEM AND METHOD FOR ARCHITECTING VERIFIABLE RESILIENT AND STRATEGICALLY ALIGNED AUTONOMY USING PARALLEL COGNITIVE KERNELS WITH INTEGRATED CRYPTOGRAPHIC SECURITY AND UNIVERSAL DOMAIN APPLICABILITY ~71:RULIAL SPACE AGENCY (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10922 ~ Complete ~54:COMPOSITE CINNAMON FERMENTED GLUTINOUS RICE HAVING ANTIOXIDANT FUNCTION AND PREPARATION METHOD THEREOF ~71:GUANGXI UNIVERSITY OF CHINESE MEDICINE, No. 13, Wuhe Avenue, Qingxiu District, Nanning City, People's Republic of China ~72: Guanglian CHEN;Xiaoqi LIANG;Zuohui ZHANG~

2025/10856 ~ Complete ~54:CALIBRATION METHOD FOR ORTHOGONAL MOTION DETECTION ~71:XI'AN RAILWAY SIGNAL CO., LTD., NO.396, SOUTH AEROSPACE ROAD, NATIONAL CIVIL AEROSPACE INDUSTRIAL BASE, XI'AN CITY, People's Republic of China ~72: DING, Zhaorong;DUAN, Han;GAO, Xiaowei;HUANG, Chentao;LI, Yuan;LIU, Yijian~ 33:KH ~31:202411591872X ~32:08/11/2024;33:WO ~31:PCT/CN2024/139896 ~32:17/12/2024

2025/10858 ~ Complete ~54:FLUORESCENT PROBE COMPOUNDS FOR TUMOR TARGETING IMAGING, AND SYNTHESIS METHOD THEREFOR AND USE THEREOF ~71:HEBEI MEDICAL UNIVERSITY, No. 361 Middle East Road, Chang'an District, Shijiazhuang, People's Republic of China ~72: Huicai GUO;Lei WANG;Lixiao GUO;Yi LIU;Yining ZHANG;Zijun LUO~ 33:CN ~31:202310703292.4 ~32:14/06/2023

2025/10875 ~ Complete ~54:NEUROMODULATION SYSTEM ~71:Parasym Ltd, 4th Floor, 18 St Cross Street, LONDON EC1N 8UN, UNITED KINGDOM, United Kingdom ~72: DUNDOVIC, Nathan;DUNDOVIC, Sophie~ 33:AU ~31:2023901538 ~32:18/05/2023

2025/10861 ~ Complete ~54:PROCESS FOR HYDROLYTICALLY DEPOLYMERIZING A POLYAMIDE ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: BEY, Oliver;BLEI, Stefan;DIENES, Christian;EL-TOUFAILI, Faissal-Ali;LIU, Bao;RAVIKUMAR, Vikram, Raghavendhar;SCHREIBER, Michael;VANDER STRAETEN, Bart~ 33:CN ~31:PCT/CN2023/098586 ~32:06/06/2023;33:CN ~31:PCT/CN2023/133637 ~32:23/11/2023

2025/10899 ~ Provisional ~54:ORBITAL MICRO-ENERGY HARVESTING AND SELF-HEALING SATELLITE SKIN ~71:RULIAL SPACE AGENCY (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10914 ~ Provisional ~54:ZGIP ZERO UNIVERSAL CORE™ (ZUC-X): MULTI-DOMAIN CRYPTOGRAPHICALLY GOVERNED INFRASTRUTURE SYSTEM ~71:ZANEG INNOVATIONS PROJECT (PTY) LTD, LOT 506 NANDA GLEBE, INANDA,, South Africa ~72: PATRICIA ZANELE GCWENSA~

2025/10882 ~ Complete ~54:PRODUCTION OF RENEWABLE NITROGENOUS PRODUCTS ~71:KOLOMA, INC., 1900 Grant Street, Suite 1250, Denver, COLORADO, 80203, United States of America ~72: RACKEY, Scott;RADAELLI, Guido;VUDDAGIRI, Srinivas R.~ 33:US ~31:63/508,226 ~32:14/06/2023

2025/10874 ~ Complete ~54:HYBRID BIOMATRIX AND PREPARATION METHOD THEREOF ~71:Obshchestvo S Ogranichennoi Otvetstvennostiu «MNT», Russia, g. Moskva, ul., Talalikhina, d. 41, str. 9, ofis 12, 7N/6, POMESHCH 109316, RUSSIA, Russian Federation ~72: BRITIKOV, Dmitrii Viacheslavovich;CHASHCHIN , Dmitrii Sergeevich;CHASHCHIN, Ivan Sergeevich;PEREPELKIN, Evgeny Igorevich;TARASOV, Artem Vladimirovich~ 33:RU ~31:2024137136 ~32:11/12/2024

2025/10883 ~ Complete ~54:A FREIGHT CARRIER ~71:BENNETTO, Peter, Geoffrey, 8 Settlers Drive, Edgemead, 7441, Cape Town, South Africa ~72: BENNETTO, Peter, Geoffrey~ 33:ZA ~31:2023/05531 ~32:23/06/2023

2025/10884 ~ Complete ~54:FEATURE ENHANCEMENT METHOD FOR SMALL OBJECT IMAGE OF GERM-RETAINED RICE IN VISUALLY BLURRED STATE, PROGRAM, DEVICE, AND STORAGE MEDIUM ~71:HARBIN ENGINEERING NORTH RICE TECHNOLOGY CO., LTD., No. 18, South Ring Road, Heilongjiang Fangzheng, Economic Development Zone, Fangzheng Town, People's Republic of China;HARBIN ENGINEERING UNIVERSITY, No.145 Nantong Street, Nangang District, People's Republic of China ~72: GAO, Tianxiang;JIA, Siye;JIANG, Bo;LI, Bing;LI, Zelong;LIU, Bin;LIU, Hongdan;LU, Zhe;LUO, Lan;XU, Liang;YAN, Bin~ 33:CN ~31:2024119909471 ~32:31/12/2024

2025/10879 ~ Complete ~54:COMPOSITIONS AND METHODS FOR TREATMENT AND PREVENTION OF NEURODEGENERATIVE DISEASES AND DISORDERS ~71:The Trustees of the University of Pennsylvania, 3600 Civic Center Boulevard, 9th Floor, PHILADELPHIA 19104, PA, USA, United States of America ~72: WANG, Ruifang;YANG, Xiaolu~ 33:US ~31:63/503,835 ~32:23/05/2023

2025/10885 ~ Complete ~54:METHOD FOR PRODUCING PF1378A, PROTEIN, NUCLEIC ACID, AND TRANSFORMANT ~71:MITSUI CHEMICALS CROP & LIFE SOLUTIONS, INC., Nihonbashi Dia Building, 1-19-1, Nihonbashi, Chuo-ku, Tokyo, 1030027, Japan;NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, 3-1, Kasumigaseki 1-chome Chiyoda-ku, Tokyo, 1008921, Japan ~72: HARUKA FUKUDA TAKEUCHI;KENTARO YAMAMOTO;KOICHI TAMANO;SACHIYO ABURATANI;TOMOHIRO TAMURA~ 33:JP ~31:2023-084745 ~32:23/05/2023

2025/10863 ~ Complete ~54:PROCESS FOR HYDROLYTICALLY DEPOLYMERIZING A POLYAMIDE ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: BLEI, Stefan;EL-TOUFAILI, Faissal-Ali;LARYEA, Esther, Matyka;RAVIKUMAR, Vikram, Raghavendhar~ 33:EP ~31:23177597.4 ~32:06/06/2023;33:EP ~31:23211701.0 ~32:23/11/2023

2025/10865 ~ Complete ~54:SENSING ELEMENT AND SENSOR SYSTEM FOR MONITORING HYDROCARBON FLUID LEAKAGE ~71:DIRECT-C LIMITED, 4005 ENTERPRISE SQUARE, 10230 JASPER AVE NW, EDMONTON, T5J 4P6, CANADA, Canada;HENKEL AG & CO. KGAA, HENKELSTRASSE 67, 40589 DÜSSELDORF, GERMANY, Germany ~72: BAHRAMI, Kourosh;BANICA, Adrian;EDMONDSON, Stephen,

James;PARMAR, Kaushik;PATEL, Mihirkumar;SHAH, Jayesh, P~ 33:IN ~31:202341035630 ~32:23/05/2023;33:EP ~31:23183724.6 ~32:05/07/2023

2025/10871 ~ Complete ~54:USE OF CELL SWITCH ASSISTANCE INFORMATION FOR SSB SEARCHING DURING SATELLITE SWITCHING ~71:NOKIA TECHNOLOGIES OY, KARAKAARI 7, 02610 ESPOO, FINLAND, Finland ~72: FREDERIKSEN, Frank;JUAN, Enric;STANCZAK, Jedrzej;WIGARD, Jeroen~ 33:GB ~31:2311962.1 ~32:04/08/2023

2025/10878 ~ Complete ~54:SET OF CONCRETE SEGMENTS OF ADJACENT SECTIONS OF A WIND TURBINE TOWER, AND METHOD OF ASSEMBLING A WIND TURBINE ~71:Nordex Energy Spain, S.A.U., Polígono Industrial Barasoain, Parcela 2, BARASOAIN 31395, SPAIN, Spain ~72: ARLABÁN, Teresa;GARCIA, Iván;GARDUÑO, Aitor;GONZALEZ, Miguel;VARELA, Fernando~ 33:EP ~31:23382628.8 ~32:21/06/2023

2025/10815 ~ Provisional ~54:(SMART AI-INTEGRATED ELECTROSTIMULATION PATCH FOR MONITORING AND PREVENTING GLP-1 ASSOCIATED MUSCLE LOSS) ~71:Amr kamel khalil Ahmed, saudia arabia , Riaydh , manfuha primary health care center, tuberculosis program ,ministry of health, Riaydh, riaydh, 11411, Saudi Arabia ~72: Amr kamel khalil Ahmed;Sharifa Mohlhal shani Rodaini;yousef Abbas Alshammari~

2025/10816 ~ Provisional ~54:AI-POWERED ELECTRONIC PRESCRIPTION SYSTEM FOR REAL-TIME DETECTION AND PREVENTION OF MEDICATION ERRORS, DRUG INTERACTIONS, AND DUPLICATE THERAPIES ACROSS INTEGRATED HEALTHCARE NETWORKS (WASFATY AI) ~71:Amr kamel khalil Ahmed, Riaydh , Manfuha primary health care , tuberculosis program , Ministry of health , saudia arabia, Riaydh, Saudi Arabia ~72: Amr kamel khalil Ahmed;Sharifa Muhalhal Shani Rodaini~

2025/10819 ~ Provisional ~54:VAPORIZABLE LIQUID COMPOSITION ~71:ROSSOUW, Melandri, 1372 Leloko Lifestyle Estate, Kosmos, South Africa ~72: ROSSOUW, Melandri~

2025/10897 ~ Provisional ~54:A MODULAR HYBRID POWER SYSTEM FOR EXTENDED-ENDURANCE UNMANNED AERIAL VEHICLES ~71:ZANE G INNOVATIONS (PTY) LTD, 506 NANDA GLEDE NANDA, South Africa ~72: PATRICIA ZANELE GCWENSA~

2025/10818 ~ Provisional ~54:A RAIL MOUNTING ARRANGEMENT ~71:PANDROL SA (PROPRIETARY) LIMITED, cnr Diesel & Furnace Streets, ISANDO, JOHANNESBURG 1601, Gauteng Province, SOUTH AFRICA, South Africa ~72: BOTES, Neil;DE BEER, Lourens~

2025/10826 ~ Complete ~54:A SOIL IMPROVEMENT METHOD BASED ON PERENNIAL RYEGRASS-EARTHWORM SYMBIOSIS AND SULFUR ENHANCEMENT ~71:Shanghai Academy of Agricultural Sciences, Jinqi Road 1000, Fengxian District, Shanghai, 201403, People's Republic of China ~72: Jiang Xiaofeng;Qin Qin;Sun Lijuan;Sun Yafei;Wang Jun;Xue Yong;Yang Shiyan~ 33:CN ~31:2025116956808 ~32:18/11/2025

2025/10831 ~ Complete ~54:LARGE MULTI-LAYER CATERING OIL FUME REMOTE VISUAL MONITORING DEVICE ~71:HENAN UNIVERSITY OF URBAN CONSTRUCTION, Longxiang Road, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: JIN Junjie;LI Fengcui;WANG Hongwei;YU Tingting~

2025/10833 ~ Complete ~54:ADJUSTABLE WALL-ATTACHED SYSTEM FOR CONSTRUCTION ELEVATORS ~71:Hunan Vocational College of Engineering, No. 100, Shuiduhe, North Wanjiali Road, Changsha County, Changsha City, Hunan Province, 410151, People's Republic of China;Hunan Construction Engineering Group Co., Ltd., No. 158 Furong North Road, Kaifu District, Changsha City, Hunan Province, 410008, People's Republic of China;Hunan Construction Investment Group Co., Ltd., No. 788 Furong South Road, Tianxin District,

Changsha City, Hunan Province, 410004, People's Republic of China ~72: CHEN Peng;LI Haixia;NI Yang;PENG Zhu;SHENG Debin;WANG Xiaoxiang;YANG Qiancheng;ZHANG Wei;ZHANG Yitian;ZHONG Faxing~ 33:CN ~31:2025212769297 ~32:20/06/2025

2025/10837 ~ Complete ~54:AI-ASSISTED MIST-COOLED THERMAL MANAGEMENT SYSTEM FOR LITHIUM-ION BATTERY MODULE WITH HYDROPHILIC CELL SURFACES ~71:DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR, DR. B. R. AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, G.T. ROAD, AMRITSAR BYPASS, JALANDHAR, Punjab, India ~72: Dr. Rajan Kumar;Dr. Srinivas Tangellapalli;Mr. Rajneesh Vachaspati;Mr. Suraj Rana~

2025/10840 ~ Complete ~54:FOLATE RECEPTOR 1 ANTIBODIES AND IMMUNOCONJUGATES AND USES THEREOF ~71:ImmunoGen, Inc., 830 Winter Street, Waltham, MA 02451, USA, United States of America ~72: AB, Olga;GOLDMAKHER, Viktor S.;PAYNE, Gillian;RUI, Lingyun;TAVARES, Daniel~ 33:US ~31:61/307,797 ~32:24/02/2010;33:US ~31:61/346,595 ~32:20/05/2010;33:US ~31:61/413,172 ~32:12/11/2010

2025/10843 ~ Complete ~54:AN AUTOMATIC INSECT BREEDING DEVICE ~71:Zhejiang Citrus Research Institute, Yushanping, Toutuo Town, Huangyan District, Taizhou City, Zhejiang Province, People's Republic of China;Zhejiang Province Taizhou City Agricultural Means Of Production Co.,Ltd., Juxiang road No.339, Haimen Street, Jiaojiang District, Taizhou City, Zhejiang Province, People's Republic of China ~72: An Baojv;Fu Chengyue;Hu XiuRong;Huang Zhendong;Lin Jianhua;Liu Shunmin;Lu Lianming;Pu Zhanxu;Xu Jigen;Zhan Hongmu;Zhang Shunchang;Zhao Zhanma;Zhu Li~ 33:CN ~31:2025115801918 ~32:31/10/2025

2025/10844 ~ Complete ~54:REAL-TIME TRAFFIC STATE ESTIMATION METHOD BASED ON MULTI-SOURCE SENSING FUSION FOR VEHICLE-ROAD COORDINATION ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan, Henan Province, 467041, People's Republic of China;Henan Zhongping Transportation Science Research & Design Institute Co., Ltd., Shengrun Plaza, Intersection of Xiangyun Road and Xiayun Road, Urban-Rural Integration Demonstration Zone, Pingdingshan City, Henan Province, 467000, People's Republic of China;PingDingShan Vocational And Technical College, West section of Chang'an Avenue, Urban-Rural Integration Demonstration Zone, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: JIN Xinglong;LI Aizeng;LIU Kemeng;SONG Xianghong;WANG Xiaoxiao;XUE Liyuan;ZHANG Yi;ZHANG Zhe~

2025/10850 ~ Complete ~54:METHOD AND SYSTEM FOR MEASURING VOLUME OF A DRILL CORE SAMPLE ~71:MINALYZE AB, Industrivägen 4, 433 61, Sävedalen, Sweden ~72: ANGUS PHILIP ANSTRUTHER TOD;MIKAEL ARTURSSON~ 33:AU ~31:2020902701 ~32:31/07/2020

2025/10857 ~ Complete ~54:METHOD, DEVICE, AND EQUIPMENT FOR DETECTING THE ADHESION FORCE OF THE LOCKING SURFACE OF A TURNOUT LOCKING ~71:CRSC (XI'AN) RAIL TRANSIT INDUSTRY GROUP CO., LTD., NO.396, SOUTH AEROSPACE ROAD, NATIONAL CIVIL AEROSPACE INDUSTRIAL BASE, XI'AN CITY, People's Republic of China;XI'AN RAILWAY SIGNAL CO., LTD., NO.396, SOUTH AEROSPACE ROAD, NATIONAL CIVIL AEROSPACE INDUSTRIAL BASE, XI'AN CITY, People's Republic of China ~72: DING, Zhaorong;DUAN, Han;HE, Jianfeng;HUANG, Chentao;LI, Yuan;SUN, Xiaoyong;WANG, Zhiming~ 33:CN ~31:2024108870868 ~32:03/07/2024;33:WO ~31:PCT/CN2024/139969 ~32:17/12/2024

2025/10859 ~ Complete ~54:ABSORBABLE BIOMEDICAL POLYMER MATERIAL, LIGATION CLIP, AND METHOD FOR PREPARING SAME ~71:SICHUAN GUONA TECHNOLOGY CO., LTD, No. 3666, Konggang 4th Road, Southwest Airport Economic Development Zone, Shuangliu District, Chengdu, China (Sichuan) Pilot Free Trade Zone, Sichuan 610299, People's Republic of China ~72: CAO, Xia;LV, Guoyu;ZHENG, Heng~ 33:CN ~31:202410404240.1 ~32:07/04/2024

2025/10864 ~ Complete ~54:HIGH EFFICIENCY MODULAR FAN AND ASSOCIATED METHOD ~71:HORTON, INC., 2565 WALNUT STREET, ROSEVILLE, MINNESOTA 55113, USA, United States of America ~72: HANSEN, Nick;HEYMER, Nicholas~ 33:US ~31:63/506,269 ~32:05/06/2023

2025/10895 ~ Provisional ~54:A SYSTEM AND METHOD FOR AI-DRIVEN,QUANTUM-SECURED IOT NETWORK OPERATION ~71:QREVULUTION ORBIT (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10904 ~ Provisional ~54:AEGIS QUANTUM NEXUS(AQN):A MULTI-DOMAIN,QUANTUM-RESILIENT COMMUNICATIONS ARCHITECTURE WITH EPHEMERAL KEYING AND AMBIENT ENERGY HARVESTING ~71:QREVULUTION ORBIT (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10923 ~ Complete ~54:A PREPARATION METHOD AND APPLICATIONS OF A GERMINATED HIGHLAND BARLEY FERMENTATION BROTH WITH IN VITRO ANTIOXIDANT, HYPOGLYCEMIC, AND LIPID-LOWERING FUNCTIONS ~71:LANZHOU UNIVERSITY, No. 222 South Tianshui Road, Lanzhou, People's Republic of China;SICHUAN ACADEMY OF MEDICAL SCIENCES & SICHUAN PROVINCIAL PEOPLE'S HOSPITAL (AFFILIATED HOSPITAL OF UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA), No. 32, Section 2, West 1st Ring Road, Qingyang District, Chengdu City, People's Republic of China;ZHANGYE WATER SAVING AGRICULTURAL EXPERIMENTAL STATION, GANSU ACADEMY OF AGRICULTURAL SCIENCES, 9 Kilometers South Suburb, Zhangye City, People's Republic of China ~72: HAN, Hukui;LI, Xing;LIU, Diru;QIN, Hui;QU, Hong;ZHU, Jinghui~ 33:CN ~31:2025100096267 ~32:03/01/2025

2025/10834 ~ Complete ~54:KNOWLEDGE GRAPH-BASED ENTERPRISE EMPLOYMENT RISK EARLY WARNING METHOD ~71:China FIRST Metallurgical Group Co., Ltd., Block 36, Yiye Science and Technology Building, No.3 Gongye Road, Qingshan District, Wuhan City, Hubei Province, 430081, People's Republic of China;China Pingmei Shenma Energy Chemical Group Co., Ltd., No.21 Yard, Miner Middle Road, Xinhua District, Pingdingshan City, Henan Province, 467099, People's Republic of China;Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: GUO Yizhen;LI Haifeng;LI Yanke;XU Caihong;XUAN Lijuan;YANG Fang;ZHANG Hao;ZHAO Kehui;ZONG Chenyang~

2025/10888 ~ Complete ~54:NOVEL ADENOVIRUS VACCINE THERAPY FOR THE TREATMENT OF RECURRENT RESPIRATORY PAPILLOMATOSIS ~71:PRECIGEN, INC., 20358 Seneca Meadows Parkway, Germantown, Maryland, 20876, United States of America ~72: CHEN WANG;DAMODAR R ETTYREDDY;DOUGLAS E BROUGH;QI YANG~ 33:US ~31:63/468,112 ~32:22/05/2023

2025/10836 ~ Complete ~54:AUXILIARY DIAGNOSIS AND TREATMENT DEVICE FOR NEUROLOGICAL INTERVENTIONAL PROCEDURES ~71:Jinghua Zhang, No. 9 Jiankang Road, Dahailin Forestry Bureau, Changting Town, Hailin, Mudanjiang, Heilongjiang, People's Republic of China ~72: Jinghua Zhang;Li Shao;Ye Liu~

2025/10838 ~ Complete ~54:METHOD FOR PROMOTING HYDROCARBON GENERATION VIA HYDROGEN TRANSFER AT THE ORGANIC-MINERAL INTERFACE IN SHALE ~71:CHINA UNIVERSITY OF PETROLEUM, No. 18, Xuefu Road, Changping District, Beijing, People's Republic of China ~72: Xiaoping Liu;Xueyou Tan;Zhushi Ge~

2025/10842 ~ Complete ~54:DSRNA OF ONCORHYNCHUS MYKISS FERTILITY-REGULATING GENE AND APPLICATION THEREOF ~71:Heilongjiang River Fisheries Research Institute, Chinese Academy of Fishery Sciences, NO.232 Hesong Street, Daoli District, Harbin, Heilongjiang Province, 150070, People's Republic of

China ~72: CAO Baorui;GE Kaibo;GU Wei;HUANG Tianqing;LIU Enhui;SUN Yunchao;WANG Gaochao;XU Gefeng~

2025/10846 ~ Complete ~54:A DIGITAL TWIN-BASED INTELLIGENT BUILDING ENERGY CONSERVATION STATISTICAL ANALYSIS SYSTEM ~71:Henan Tongjiu Electronic Technology Co., Ltd, Room 601, 6th Floor, Block F, Building 5, Innovation Park, University Science Park (East Zone), West 3rd Ring Road, High-tech Industrial Development Zone, Zhengzhou City, Henan Province, People's Republic of China ~72: Feng Mingqing;Ma Kaidang;Wang Haibin;Wang Shun;Wang Wei;Xu Yan~

2025/10906 ~ Provisional ~54:UNIVERSAL RESILIENCE COMPUTING PLATFORM WITH QUANTUM-RESISTANT CRYPTOGRAPHIC KERNEL ISOLATION FOR AUTONOMOUS AI INFRASTRUCTURES IN EXTREME TERRESTRIAL AND NON-TERRESTRIAL ENVIRONMENTS ~71:RULIAL SPACE AGENCY (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10813 ~ Provisional ~54:HOME WORK GENIUS ~71:Maestro Assist (Pty) Ltd Registration number: 2024/703262/07, 50 Honeyball Avenue, South Africa ~72: Rupert Robert Mark September~

2025/10817 ~ Provisional ~54:PAYZAR - A TRI-BOUND DIGITAL WALLET ARCHITECTURE DESIGNED TO MERGE PAYMENTS, COMMERCE, AND LOGISTICS INTO A SINGLE, INTELLIGENT SUPER APP FRAMEWORK. ~71:Ronewa Lovers Muthivhi, Gondeni, South Africa ~72: Ronewa Lovers Muthivhi~

2025/10825 ~ Complete ~54:INTELLIGENT MERIDIAN DETECTION METHOD BASED ON PHYSIOLOGICAL SIGNAL FUSION ~71:China Certification & Inspection Group Beiiing Co. Ltd, ZhongJian Building, No.18 Xibahe Dongli, Chaoyang District, Beijing, People's Republic of China;Tianjin Customs Industrial Product Safety Technology Center, No. 2, Dongwu Road, Airport Economic Zone, Binhai New Area, Tianjin, People's Republic of China;Tianjin International Travel Healthcare Center (Tianjin Customs Port Clinic), No.2-1126, Xingang Second Road, Tanggu, Binhai New Area, Tianjin, People's Republic of China ~72: Cui Fengluan;Li Jing;Pan Juan;Tian Hui;Yang Lei~

2025/10828 ~ Complete ~54:IMAGE PROCESSING METHOD AND IMAGE PROCESSING TERMINAL ~71:SUZHOU VOCATIONAL AND TECHNICAL COLLEGE, SUFU ROAD, HIGH TECH ZONE, SUZHOU CITY, People's Republic of China ~72: MA, Lu;PENG, Yaofeng~

2025/10872 ~ Complete ~54:FACILITATING UE-CENTRIC PROCEDURES ~71:NOKIA TECHNOLOGIES OY, KARAKAARI 7, 02610 ESPOO, FINLAND, Finland ~72: DEGHEL, Matha;HAKOLA, Sami-Jukka;LADDU, Keeth, Saliya, Jayasinghe~ 33:US ~31:63/471,068 ~32:05/06/2023

2025/10873 ~ Complete ~54:BIOREACTOR SYSTEM AND METHODS ~71:ARBOREA LTD, Translation & Innovation HUB, 84 Wood Lane, United Kingdom ~72: KEGLER, Ian Ross;MELCHIORRI, Julian Paul;SRIDHARA, Pruthvi Kumar Bangalore~ 33:GB ~31:2309777.7 ~32:28/06/2023

2025/10821 ~ Provisional ~54:RETROFITTABLE DISPENSER INSERT AND FRAGRANT-EMITTING INSERT ~71:DRAKE, Daniel Norman, 26 GAYNOR ROAD, COLNE VALLEY, Zimbabwe;HEYNS, KURT LOUIS, 26 GAYNOR ROAD, COLNE VALLEY, Zimbabwe ~72: DRAKE, Daniel Norman;HEYNS, KURT LOUIS~

2025/10898 ~ Provisional ~54:TOPOLOGICAL THREAT-SPACE MULTIPLEX FRAMEWORK (TTSMF) AND ADAPTIVE SECURITY ORCHESTRATION KERNEL (ASOK) FOR AUTONOMOUS CYBERSECURITY DEFENCE IN DISTRIBUTED COMPUTING INFRASTRUCTURES ~71:RULIAL SPACE AGENCY (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10901 ~ Provisional ~54:QREVDB™ :THE WORLD'S MDI-QKD-ENABLED,MULTI-DIALECT AI DATABASE FOR TERRESTRIAL,MARINE,ORBITAL,AND EXTRATERRESTRIAL DEPLOYMENT ~71:QREVULUTION ORBIT (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10913 ~ Provisional ~54:SYSTEM AND METHOD FOR ADAPTIVE RESOURCE MANAGEMENT IN A HYBRID QUANTUM-CLASSICAL COMPUTING ARCHITECTURE ~71:RULIAL SPACE AGENCY (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/10862 ~ Complete ~54:IMPROVED LOWER LAYER SPLIT FOR CLOSED LOOP POWER CONTROL ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE-164 83 STOCKHOLM, SWEDEN, Sweden ~72: BERG, Miguel;HUANG, Yezi;KARLSSON, Jonas;LU, Chenguang;POHLMAN, Björn~ 33:US ~31:63/468,366 ~32:23/05/2023

2025/10876 ~ Complete ~54:SULFONAMIDE COMPOUND, PREPARATION METHOD THEREFOR, AND PHARMACEUTICAL USE THEREOF ~71:Shenzhen Salubris Pharmaceuticals Co., Ltd, Zone A, 4F, 289 Digitland, 2 Hongliu Road, Futian District, SHENZHEN 518017 , GUANGDONG, CHINA (P.R.C.), People's Republic of China ~72: DING, Xiaohong;LU, Yinsuo;SONG, Qing;WU, Junjun;XIAO, Ying;ZENG, Junnan;ZOU, Peng~ 33:CN ~31:202310570515.4 ~32:19/05/2023;33:CN ~31:202310820552.6 ~32:05/07/2023;33:CN ~31:202310949410.X ~32:28/07/2023;33:CN ~31:202310972687.4 ~32:02/08/2023

. - APPLIED ON 2025/12/18 -

2025/10915 ~ Provisional ~54:STACKING BRICK ~71:Ariel Marcus, Sandler Road, South Africa ~72: Ariel Marcus~

2025/10916 ~ Provisional ~54:A SYSTEM AND METHOD FOR DETERMINISTIC FINANCIAL STATE-CHANGE VALIDATION AND COERCION-NEGATION IN DISTRIBUTED NETWORKS ~71:Ambition Nation, Zone 4 no 25, South Africa ~72: Zolani Sotshononda~

2025/10946 ~ Complete ~54:DEFLECTING PIPE PIECE ~71:GEBERIT INTERNATIONAL AG, Schachenstrasse 77, Switzerland ~72: LIECHTI, Dario~ 33:EP ~31:23185277.3 ~32:13/07/2023

2025/10954 ~ Complete ~54:BRACKET DEVICE AND METHOD FOR INSTALLING AND DISASSEMBLING BRACKET DEVICE ~71:China First Highway (Qingdao) Engineering Construction Co., Ltd., T Zone, Cross-border E-commerce Town, No.88 Sancheng Road, Jimo District, Qingdao, Shandong, People's Republic of China;China First Highway Engineering CO.,LTD, Zhoujiajing, Guanzhuang, Chaoyang District, Beijing, 100024, People's Republic of China;Haiwei Engineering Construction COLTD. of FHEC of CCCC, Building 1, No.568, Xuxing Road, Tongzhou District, Beijing, People's Republic of China ~72: Bin LI;Jian LI;Mingyu FAN;Shanshan XU;Xianjun MEN~ 33:CN ~31:2024115972599 ~32:11/11/2024

2025/10974 ~ Complete ~54:SALTS OF AMINO QUINAZOLINE DERIVATIVES ~71:CHIESI FARMACEUTICI S.P.A., Via Palermo, 26/A, 43122, Parma, Italy ~72: ANDREW DAVID CARR;DAVIDE DE ANGELIS;FRANCESCO AMADEI;IRENE BASSANETTI;MASSIMILIANO MARI;SUSAN ELIZABETH OSBOURN~ 33:EP ~31:23174497.0 ~32:22/05/2023

2025/10977 ~ Complete ~54:METHOD FOR PRODUCING A CARBONATE BONDED, COMPACTED ARTICLE ~71:ORBIX PRODUCTIONS, Henry Fordlaan 84, 3600, Genk, Belgium ~72: DIRK VAN MECHELEN;NICO COENEN~ 33:EP ~31:23179837.2 ~32:16/06/2023

2025/10969 ~ Complete ~54:SYSTEMS, METHODS AND COMPUTER PROGRAM PRODUCTS FOR DISPLAYING DATA ~71:XERO LIMITED, 19-23 Taranaki Street, New Zealand ~72: BUCHANAN, James;DIAMOND, Jamie~

2025/10972 ~ Complete ~54:REAR STRUCTURE OF ELECTRIC VEHICLE AND ELECTRIC VEHICLE ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: KAI CHENG;LILI LIU;SHENGMEI LU~ 33:CN ~31:202410848531.X ~32:27/06/2024

2025/10973 ~ Complete ~54:FEEDER ~71:FOSECO INTERNATIONAL LIMITED, 165 Fleet Street, London, EC4A 2AE, United Kingdom ~72: ALESSANDRO ZANIRATO;ENRICO PONZANO~ 33:EP ~31:23176857.3 ~32:01/06/2023

2025/10978 ~ Complete ~54:METHOD AND APPARATUS FOR POWER MANAGEMENT FOR VEHICLE, VEHICLE, AND STORAGE MEDIUM ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China;LION AUTOMOTIVE TECHNOLOGIES NANJING CO., LTD., Floor 3-5, Building D12, Hongfeng Science and Technology Park, Economic & Technological Development Zone, Nanjing, Jiangsu 210046, People's Republic of China;WUHU LION AUTOMOTIVE TECHNOLOGIES CO., LTD., No.8, Anshan Road, Economic & Technological Development Zone, Wuhu, Anhui 241006, People's Republic of China ~72: JIALING CHEN;LEI HE~ 33:CN ~31:202410778887.0 ~32:17/06/2024

2025/10926 ~ Complete ~54:SLUDGE-BASED BIOMASS CARBON ANODE MATERIAL WITH HIGH SPECIFIC CAPACITY AND APPLICATION IN SODIUM-ION BATTERIES THEREOF ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: DONG Shanshan;FU Haoka;JU Rui;KONG Youfang;LIU Xinhu;WANG Xutao;ZHANG Lilin;ZHANG Zhiyuan;ZHOU Hengtao~

2025/10945 ~ Complete ~54:DEFLECTING PIPE PIECE ~71:GEBERIT INTERNATIONAL AG, Schachenstrasse 77, Switzerland ~72: LIECHTI, Dario~ 33:EP ~31:23185277.3 ~32:13/07/2023

2025/10950 ~ Complete ~54:METHODS AND COMPOSITIONS FOR MODIFYING ROOT ARCHITECTURE IN PLANTS ~71:PAIRWISE PLANTS SERVICES, INC., 807 East Main Street, Suite 4-100, Durham, United States of America ~72: CRAWFORD, Brian Charles Wilding~ 33:US ~31:63/514,151 ~32:18/07/2023

2025/10930 ~ Complete ~54:GRAPHENE-INTEGRATED BIOELECTRONIC SENSOR FOR CONTINUOUS BIOMARKER MONITORING AND MANAGEMENT ~71:Dr. Abhinandan Ravsaheb Patil, D. Y. Patil Education Society (Deemed to be University), D. Y. Patil University, Line Bazar, Kasaba Bawada, Kolhapur, Maharashtra – 416006, India;Dr. Priya Sharma, School of Pharmacy and Emerging Sciences, Baddi University of Emerging Sciences and Technology, Baddi, Himachal Pradesh – 173205, India;Dr. Shabana A. Memon, Bharati Vidyapeeth (Deemed to be University), Institute of Management Kolhapur, Kadamwadi Road, Laxminarayan Nagar, Tarabai Park, Kolhapur, Maharashtra – 416003, India;Mr. Ashish Anna Malagave, JSPM Rajarshi Shahu College of Engineering, Tathawade, Service Road, Ashok Nagar, Tathawade, Pimpri-Chinchwad, Maharashtra – 411033, Pune, India;Ms. Suneeta Kallappa Rukade, DKTE Society's Textile & Engineering Institute (An Empowered Autonomous Institute), Rajwada, Ichalkaranji, Maharashtra – 416115, India;Prof. Swaroopa Bhosale, Dr. D. Y. Patil Institute of Technology, Pimpri Pune, Sant Tukaram Nagar, Pimpri Colony, Pimpri-Chinchwad, Pune, Maharashtra – 411018, India ~72: Dr. Abhinandan Ravsaheb Patil;Dr. Priya Sharma;Dr. Shabana A. Memon;Mr. Ashish Anna Malagave;Ms. Suneeta Kallappa Rukade;Prof. Swaroopa Bhosale~

2025/10947 ~ Complete ~54:OUTLET PIPE BEND ~71:GEBERIT INTERNATIONAL AG, Schachenstrasse 77, Switzerland ~72: MAHLER, Alfred~ 33:EP ~31:23185277.3 ~32:13/07/2023

2025/10951 ~ Complete ~54:RAPIDLY-METABOLIZED LIPID COMPOUND ~71:BEIJING JITAI LIFE SCIENCES LTD, Room 101, 4th Floor, Building 9, No. 9 Yongteng North Road, People's Republic of China;METIS TECHBIO CO., LTD., Room 201, 2nd Floor, Building 13, No. 21 Tianhe West Road, People's Republic of China ~72: GONG, Yan;LIU, Andong;LIU, Moyan;LIU, Shaoli;SHI, Feng;WANG, Xuhui;WARRINGTON, Jeffrey Michael;YANG, Liu;ZHANG, Lin~ 33:CN ~31:202310720951.5 ~32:16/06/2023;33:CN ~31:202310723466.3 ~32:16/06/2023;33:CN ~31:PCT/CN2023/143111 ~32:29/12/2023;33:CN ~31:202410115561.X ~32:26/01/2024;33:CN ~31:202410239117.9 ~32:01/03/2024

2025/10955 ~ Complete ~54:ROLLER CONVEYOR TYPE WIRE ROD COLLECTING, CONVEYING, AND COOLING SYSTEM ~71:QINGDAO LEITING HEAVY INDUSTRY CO., LTD., No. 858 Huadong Road, Hi-Tech Zone, Qingdao, Shandong, 266111, People's Republic of China ~72: Gang XUE;Guihai CHEN;Hongde ZHU;Shouchen XIAO;Yubao LIU~ 33:CN ~31:2024119038095 ~32:23/12/2024

2025/10931 ~ Complete ~54:A POWERED TRANSFER VEHICLE CAPABLE OF THREE-COORDINATE AUTOMATIC POSITIONING OF A NATURAL RUBBER DRYING CART ~71:Hainan Normal University, No. 99, Longkun South Road, Haifu Sub-district, Haikou City, Hainan Province, People's Republic of China ~72: Fan Chenxi;Ge Haotian;Li Zhibo;Zhong Jiuming~ 33:CN ~31:2025113631575 ~32:23/09/2025

2025/10935 ~ Complete ~54:CONNECTION FOR WATER-BEARING DEVICES ~71:Hans Sasserath GmbH & Co. KG, Mühlenstraße 62, KORSCHENBROICH 41352, GERMANY, Germany ~72: HECKING, Willi~ 33:DE ~31:20 2024 107 441.6 ~32:19/12/2024

2025/10959 ~ Complete ~54:COMBINATION OF VITAMINS AND OLIGOSACCHARIDES FOR ENHANCING BONE GROWTH AND/OR BONE STRENGTH ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: BONNET, Nicolas;CAMPOS GIMENEZ, Esther;HORCAJADA, Marie Noëlle~ 33:EP ~31:23175287.4 ~32:25/05/2023

2025/10925 ~ Complete ~54:ACID-HEAT COMBINED METHOD AND SYSTEM FOR PROCESSING GASTRODIAE RHIZOMA ~71:Chongqing Academy of Chinese Materia Medica, No. 34, Nanshan Road, Huangjueya, Nan'an District, Chongqing, 400065, People's Republic of China;Chongqing University of Chinese Medicine, No. 61 Guoxue Road, Bicheng Street, Bishan District, Chongqing, 402760, People's Republic of China ~72: CHEN, Gang;GUO, Lian'an;TU, Hongyang;WANG, Yongde;WU, Zhen~ 33:CN ~31:202511316968.X ~32:15/09/2025

2025/10927 ~ Complete ~54:FLEXIBLE NASAL CANNULA WITH BUFFERING FUNCTION ~71:Anhui University of Chinese Medicine, No. 350, Longzihu Road, Xinzhuan District, Hefei City, Anhui Province, 230012, People's Republic of China ~72: Luan Beibei;Luo Qun;Shi Juan;Wang Ting;Wang Xiaocan;Zhang Miao;Zheng Dandan;Zhu Yu~

2025/10936 ~ Complete ~54:N-SUBSTITUTED-4-[3-(QUINOLIN-6-YL)UREIDO] BENZOYLHYDRAZIDE DERIVATIVE, PREPARATION METHOD AND APPLICATION THEREOF ~71:Xingzhi College, Zhejiang Normal University, No. 3388, Yingbin Avenue, Lanxi City, Zhejiang Province, 321100, People's Republic of China ~72: HU Hongyu~

2025/10942 ~ Complete ~54:TRANSFER VEHICLE, SYSTEM AND METHOD FOR LOADING A TRANSFERABLE OBJECT INTO A CARGO SPACE OF A TRANSFER VEHICLE ~71:SLEIPNER GROUP OY, Puistokatu 2 A, Finland ~72: HÖYLÄ, Teijo;MIETTINEN, Joona~ 33:FI ~31:20235799 ~32:06/07/2023

2025/10957 ~ Complete ~54:COMBINATION OF VITAMINS, 2'-FUCOSYLLACTOSE AND A PROBIOTIC FOR ENHANCING BONE GROWTH AND/OR BONE STRENGTH ~71:Société des Produits Nestlé S.A., Avenue

Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: BONNET, Nicolas;CAMPOS GIMENEZ, Esther;HORCAJADA, Marie Noëlle~ 33:EP ~31:23175290.8 ~32:25/05/2023

2025/10963 ~ Complete ~54:COMPOUNDS AND COMPOSITIONS AS VHL LIGANDS AND STAT3 DEGRADERS USES THEREOF ~71:Regents of the University of Michigan, c/o Innovation Partnerships, 1600 Huron Parkway, 2nd Floor, ANN ARBOR 48109-2590, MI, USA, United States of America ~72: ACHARYYA, Ranjan Kumar;BAI, Longchuan;KIRCHHOFF, Paul;MCEACHERN, Donna;METWALLY, Hoda;TOSOVIC, Jelena;WANG, Mi;WANG, Shaomeng;WU, Dimin;ZHOU, Haibin~ 33:US ~31:63/521,994 ~32:20/06/2023;33:US ~31:63/522,002 ~32:20/06/2023;33:US ~31:63/598,423 ~32:13/11/2023;33:US ~31:63/598,434 ~32:13/11/2023

2025/10970 ~ Complete ~54:UPDATE CONTROL IN INDUSTRIAL INTERNET OF THINGS ENVIRONMENTS ~71:GEA GROUP AKTIENGESELLSCHAFT, Ulmenstraße 99, 40476, Düsseldorf, Germany ~72: FRANCISCO ALBERTO SUSANA CANELA;JAMES CLUTTER;LASSE GILBSTRUP;MAXIMILIAN BIELKA~ 33:EP ~31:23178088.3 ~32:07/06/2023

2025/10980 ~ Complete ~54:VEHICLE TORQUE CONTROL METHOD, APPARATUS, DEVICE, AND VEHICLE ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: GUANGDONG CHEN;JUNBO CUI;YA ZHAO~ 33:CN ~31:202410485790.0 ~32:22/04/2024

2025/10982 ~ Complete ~54:A NEW LOCKED BREECH MECHANISM FOR FIREARMS ~71:GOKSEL, Osman Zuhtu, Ankara, Turkey ~72: GOKSEL, Osman Zuhtu~ 33:TR ~31:2023/006833 ~32:12/06/2023

2025/10960 ~ Complete ~54:METHODS FOR CHROMATOGRAPHY AND CHROMATOGRAPHY MEDIUM REUSE ~71:Amgen Inc., One Amgen Center Drive, THOUSAND OAKS 91320-1799, CA, USA, United States of America ~72: BASCONI, Joseph Edward;MALONEY, Andrew John;NATARAJAN, Venkatesh;SMITH, Benjamin;VECCHIARELLO, Nicholas Anthony~ 33:US ~31:63/509,093 ~32:20/06/2023

2025/10918 ~ Provisional ~54:A CABLE THEFT PROTECTION DEVICE ~71:MERTRAC INFRACO (PROPRIETARY) LIMITED, 366 Timothy Street Waterkloof Glen, Pretoria, Gauteng, South Africa ~72: RUARD JOHANNES NEL~

2025/10928 ~ Complete ~54:METHOD FOR REMOTE INTEGRATED CONTROL OF CHEMICAL DEVICE BASED ON VIRTUAL CLOUD PLATFORM ~71:Gu Danping, Room 103, No. 14, Hengliu Lane, Haishu District, Ningbo City, Zhejiang Province, People's Republic of China;Wang Jiayang, Room 103, No. 14, Hengliu Lane, Haishu District, Ningbo City, Zhejiang Province, People's Republic of China ~72: Gu Danping;Wang Jiayang~

2025/10958 ~ Complete ~54:LIPID NANOPARTICLE FORMULATIONS AND COMPOSITIONS ~71:Capstan Therapeutics, Inc., 1 N. Waukegan Road, NORTH CHICAGO 60064, IL, USA, United States of America ~72: BAO, Yanjie;KARMALI, Priya Prakash;TANIS, Steven~ 33:US ~31:63/505,424 ~32:31/05/2023;33:US ~31:63/510,061 ~32:23/06/2023;33:US ~31:63/520,303 ~32:17/08/2023;33:US ~31:63/595,201 ~32:01/11/2023

2025/10965 ~ Complete ~54:COMPACT HEAT EXCHANGER DESIGN FOR HYBRID COOLING EQUIPMENT WITH ELONGATED HEADERS AND SHORTENED CIRCUITS ~71:Evapco, Inc., 5151 Allendale Lane, TANEYTOWN 21787, MD, USA, United States of America ~72: BRADLEY, Randall;HEGG, Trevor;RINEHART, Natasha~ 33:US ~31:63/509,524 ~32:21/06/2023;33:US ~31:63/509,758 ~32:22/06/2023;33:US ~31:18/750,637 ~32:21/06/2024

2025/10967 ~ Complete ~54:PREBIOTICS FOR TREATING AND/OR PREVENTING VITAMIN K2 DEFICIENCY ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: BONNET, Nicolas;BOULANGE, Claire Laurence Lucie Marie;CAMPOS GIMENEZ, Esther;DUBOUX, Stéphane;HORCAJADA, Marie Noëlle~ 33:EP ~31:23175289.0 ~32:25/05/2023

2025/10948 ~ Complete ~54:METHOD AND DEVICE FOR IDENTIFYING UNMANNED AERIAL VEHICLES AT LOW ALTITUDE ~71:ANTSELEVICH, Mikhail, Aleksandrovich, GENERAL BELOBORODOV STREET, 19, KV. 7, MOSCOW 125222, RUSSIAN FEDERATION, Russian Federation ~72: ANTSELEVICH, Mikhail, Aleksandrovich~ 33:EP ~31:23183694.1 ~32:05/07/2023

2025/10949 ~ Complete ~54:OUTLET BEND ASSEMBLY ~71:GEBERIT INTERNATIONAL AG, Schachenstrasse 77, Switzerland ~72: LIECHTI, Dario;MAHLER, Alfred~ 33:EP ~31:23185277.3 ~32:13/07/2023

2025/10952 ~ Complete ~54:CATALYTIC AROMATIZATION OF PYROLYSIS VAPORS ~71:BIOBTX B.V., Zernikelaan 17, Netherlands ~72: SCHENK, Niels Jan;VAN AKKER, Matthijs Geert~ 33:EP ~31:23182179.4 ~32:28/06/2023

2025/10953 ~ Complete ~54:STRIP MINING EQUIPMENT ~71:CHINA RAILWAY NO.9 GROUP CO., LTD., No. 3-1 Jingbin Street, Shenhe District, Shenyang, Liaoning, 110013, People's Republic of China ~72: Baozuo Liu;Chao Shi;Chaochao Ge;Dongyu Chen;Jia Zhao;Junhou Wang;Shuyi Zhao;Xiaofan Lu;Yan Gao;Yirui Zhang;Yongfeng Wang;Zhi Li;Zhi Zheng;Zhishun Zhou;Zitao Yin~ 33:CN ~31:CN202310769207.4 ~32:28/06/2023

2025/10956 ~ Complete ~54:HIGH-SPEED WIRE ROD FINISHING AREA COIL CONVEYING EQUIPMENT AND A CONTROL METHOD ~71:QINGDAO LEITING HEAVY INDUSTRY CO., LTD., No. 858 Huadong Road, Hi-Tech Zone, Qingdao, Shandong, 266111, People's Republic of China ~72: Bin ZHANG;Guihai CHEN;Haojie QIU;Hongde ZHU;Jin WANG;Longtao YUCHI;Rentao GUO;Runhao LI~ 33:CN ~31:2025101142864 ~32:24/01/2025

2025/10961 ~ Complete ~54:SYSTEMS AND METHODS FOR RISK ASSESSMENT FOR ZOONOTIC DISEASE IN ANIMAL POPULATIONS ~71:Elanco US Inc., 2500 Innovation Way, GREENFIELD 46140, IN, USA, United States of America ~72: GUNN, Ashley;MUELLER-DOBLIES, Doris~ 33:US ~31:63/504,360 ~32:25/05/2023

2025/10962 ~ Complete ~54:TETRAHYDROQUINAZOLINE DERIVATIVES AS SELECTIVE CYTOTOXIC AGENTS ~71:Merck Sharp & Dohme LLC, 126 East Lincoln Avenue, RAHWAY 07065, NJ, USA, United States of America ~72: BRESLIN, Michael J.;CONVERSO, Antonella;EL MARROUNI, Abdellatif;FORSTER, Ashley;HUNTER, David N.;SHAW, Anthony W.;SHIPE, William D.;ZHANG, Yunlong~ 33:US ~31:63/512,403 ~32:07/07/2023

2025/10975 ~ Complete ~54:MODULAR MULTIPLATFORM SYSTEM FOR MRNA DRUG PRODUCTION ~71:BIONTECH SE, An der Goldgrube 12, 55131, Mainz, Germany ~72: FLORIAN KRÄMER;JONAS HENNEKES;RAINER KRÖNER;SEMRA KATI~ 33:US ~31:63/511,175 ~32:29/06/2023;33:US ~31:63/588,670 ~32:06/10/2023;33:US ~31:63/614,026 ~32:22/12/2023

2025/10981 ~ Complete ~54:VEHICLE TORQUE CONTROL METHOD AND APPARATUS, AND DEVICE, STORAGE MEDIUM AND PROGRAM PRODUCT ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: WEI WANG;XINGJIE GAO;ZHEN CHEN~ 33:CN ~31:202410690685.0 ~32:30/05/2024

2025/10937 ~ Complete ~54:SYSTEM AND METHOD FOR CLOUD-INTEGRATED ENTERPRISE AUTOMATION AND DIGITAL TRANSFORMATION ~71:Dilliraja Sundar, Director of data analytics, AI and Cloud Engineering, 603, Jensen Pl, Placentia , California, 92870, United States of America;Jayant Bhat, Director of Enterprise Solutions, AI and Innovation, 3716 Strawberry creek way, Ontario, CA, 91761, United States of America;Yashovardhan Jayaram, Director of Enterprise Content and Digital Experience, 14025 Almond Grove Ct, Eastvale, CA, 92880, United States of America ~72: Dilliraja Sundar;Jayant Bhat;Yashovardhan Jayaram~

2025/10940 ~ Complete ~54:METHOD FOR CONSTRUCTING CRITICAL MOISTURE MODEL OF CORN AND APPLICATION THEREOF ~71:HENAN AGRICULTURAL UNIVERSITY, No. 218, Ping'an Avenue, Zhengdong New District, Zhengzhou City, People's Republic of China;HENAN UNIVERSITY OF SCIENCE AND TECHNOLOGY, No. 263, Kaiyuan Avenue, Luoyang City, People's Republic of China ~72: NIU, Xiaoli;ZHAO, Ben~

2025/10968 ~ Complete ~54:SYSTEMS METHODS, AND COMPUTER PROGRAM PRODUCTS FOR MANAGING CANARY DEPLOYMENTS ~71:XERO LIMITED, 19-23 Taranaki Street, New Zealand ~72: BEDWELL, Edward;COOK, Peter;HALL, Stefan;SCHMIDT, Benjamin;SIMPSON, Matthew~ 33:AU ~31:2023901813 ~32:08/06/2023

2025/10971 ~ Complete ~54:POLYPEPTIDE DERIVATIVE FOR ORAL DELIVERY ~71:HANGZHOU SCIWIND BIOSCIENCES CO., LTD., Room 901, 9F, Building 2, No. 400 Fucheng Road, Qiantang District Hangzhou, Zhejiang 310015, People's Republic of China;SCIWIND BIOSCIENCES (BEIJING) CO., LTD., Rm. 201, Building 4, No.8 Liangshuihe 2nd Street, BDA Daxing District, Beijing 100176, People's Republic of China ~72: HAI PAN;HAIXIA ZOU;SUJUAN HAO;XINLE WU;YAN LI;ZHAOYING LI~ 33:CN ~31:202310619176.4 ~32:29/05/2023

2025/10976 ~ Complete ~54:PROCESS AND INTERMEDIATES FOR THE PREPARATION OF A P2X3 INHIBITOR ~71:CHIESI FARMACEUTICI S.P.A., Via Palermo, 26/A, 43122, Parma, Italy ~72: DAVID C LATHBURY;EDOARDO MARIANI;FAUSTO PIVETTI;LUCA CARDINALI;MASSIMILIANO MARI;MONICA BOCCHI;PAOLO RONCHI~ 33:EP ~31:23174500.1 ~32:22/05/2023

2025/10979 ~ Complete ~54:ROTOR CORE, MOTOR ROTOR, MOTOR, AND AUTOMOBILE ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: JUN TAO;LONGFEI HU;SHUN LV~ 33:CN ~31:202410577897.8 ~32:10/05/2024

2025/10919 ~ Provisional ~54:AN ALWAYS■ARMED SECURITY SYSTEM WITH WEARABLE IDENTIFICATION TAGS, APPLICATION■BASED MONITORING, FACIAL RECOGNITION, ZONE■AWARE LOGIC, BIOMETRIC AWARENESS, AND INTERFERENCE DETECTION. ~71:THABO PETER SEPHUMA, 583 ZONE 3, South Africa ~72: THABO PETER SEPHUMA~

2025/10924 ~ Complete ~54:REACTION DEVICE FOR SIMULTANEOUS NITROGEN AND PHOSPHORUS REMOVAL AND HEAVY METAL IMMOBILIZATION ~71:Jinggangshan University, No. 28, Xueyuan Road, Qingyuan District, Ji'an City, Jiangxi Province, 343009, People's Republic of China ~72: HE, Genhe;LIU, Dan;LIU, Renlu;RAO, Zhiruo;YUN, Shuran;ZHANG, Pengyu~ 33:CN ~31:202521576603.6 ~32:28/07/2025

2025/10934 ~ Complete ~54:ELECTRONIC CONTROLLER ~71:Carel Industries S.p.A., Via dell'Industria 11, BRUGINE PD 35020, ITALY, Italy ~72: DEL ZOPPO, Francesco~ 33:IT ~31:102020000001795 ~32:30/01/2020

2025/10943 ~ Complete ~54:EXTENDED, HIGH DOSE VEGF ANTAGONIST REGIMENS FOR TREATMENT OF ANGIOGENIC EYE DISORDERS ~71:BAYER HEALTHCARE LLC, 100 Bayer Boulevard, Whippany, United States of America;REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United

States of America ~72: ASMUS, Friedrich;BERLINER, Alyson J;CHU, Karen W.;DA SILVA LEAL, Sergio Casimiro;EISSING, Thomas;RITTENHOUSE, Kay D.;VITTI, Robert, L.~ 33:US ~31:63/523,019 ~32:23/06/2023;33:US ~31:63/523,335 ~32:26/06/2023;33:US ~31:63/531,758 ~32:09/08/2023;33:US ~31:63/540,308 ~32:25/09/2023;33:US ~31:63/546,476 ~32:30/10/2023;33:US ~31:63/601,198 ~32:20/11/2023

2025/10944 ~ Complete ~54:GLP-1 ANALOG FOR USE IN THE TREATMENT OF METABOLIC DISORDERS ~71:SUN PHARMACEUTICAL INDUSTRIES LIMITED, Sun House, Plot No. 201 B/1 Western Express Highway, India ~72: AGRAWAL, Sudeep Kumar;BURADE, Vinod Sampatrao;NAGARAJA, Ravishankara Madavati;NATARAJAN, Muthukumaran;PANCHAL, Satishbhai Tribhovanbhai;SHAHI, Pradeep;THENNATI, Rajamannar~ 33:IN ~31:202321042015 ~32:20/06/2023;33:IN ~31:202421015451 ~32:01/03/2024

2025/10917 ~ Provisional ~54:PRIVACY-PRESERVING INTENT-DRIVEN PRICING, INCENTIVE, AND CHURN INTERCEPTION SYSTEM ~71:Mohale Mpesi, 4 LEEU LAAN, South Africa ~72: Mohale Mpesi~

2025/10929 ~ Complete ~54:3D PRINTING SUITABLE SOLID WASTE-BASED CEMENTITIOUS MATERIAL AND PREPARATION METHOD THEREOF ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: JIN Biao;WANG Xiao;XU Zhuoyue;ZHANG Jianwu~

2025/10933 ~ Complete ~54:APPARATUS AND METHOD FOR ASSESSING AND TREATING CELLULITE ~71:Endo Operations Limited, First Floor, Minerva House, Simmonscourt Road, Ballsbridge, Dublin 4, IRELAND, Ireland ~72: DAVIDSON, Jeffrey;LIU, Genzhou;MCLANE, Michael~ 33:US ~31:62/465,622 ~32:01/03/2017;33:US ~31:62/485,705 ~32:14/04/2017;33:US ~31:62/607,188 ~32:18/12/2017

2025/10941 ~ Complete ~54:TRANSFER VEHICLE, SYSTEM AND METHOD FOR GUIDING A VEHICLE INTO A CARGO SPACE OF A TRANSFER VEHICLE ~71:SLEIPNER GROUP OY, Puistokatu 2 A, Finland ~72: HÖYLÄ, Teijo~ 33:FI ~31:20235800 ~32:06/07/2023

2025/10932 ~ Complete ~54:APPARATUS AND METHOD FOR ASSESSING AND TREATING CELLULITE ~71:Endo Operations Limited, First Floor, Minerva House, Simmonscourt Road, Ballsbridge, Dublin 4, IRELAND, Ireland ~72: DAVIDSON, Jeffrey;LIU, Genzhou;MCLANE, Michael~ 33:US ~31:62/465,622 ~32:01/03/2017;33:US ~31:62/485,705 ~32:14/04/2017;33:US ~31:62/607,188 ~32:18/12/2017

2025/10938 ~ Complete ~54:METHOD FOR CALCULATING FOOD CALORIES BASED ON BINOCULAR VISION ~71:Jiangnan University, 1800 Lihu Avenue, Binhu District, Wuxi, Jiangsu Province, 214122, People's Republic of China ~72: LIU Zifan~ 33:CN ~31:2025118141568 ~32:04/12/2025

2025/10939 ~ Complete ~54:NUCLEAR POWER ITERATIVE PROGRESSIVE HUMAN FACTOR ENGINEERING VERIFICATION SYSTEM BASED ON INTELLIGENT TECHNOLOGY ~71:NUCLEAR POWER ITERATIVE PROGRESSIVE HUMAN FACTOR ENGINEERING VERIFICATION SYSTEM BASED ON INTELLIGENT TECHNOLOGY, No. 61-12 Xingnan Road, Hepu Town, Xiangshan County, Ningbo,, People's Republic of China ~72: CHEN, Hua;CHEN, Ziming;FENG, Yize;LI, Jun;LIAO, Jun;LIU, Qiang;LIU, Xiaodong;LIU,Chicheng;LOU, Xinhao;QIU, Jun;SHI, Jiajun;SHI, Xiaodong;WANG, Tianwei;WANG, Yuechun;WEI, Yuqing;XIAO, Bo;YAN, Zhuoqi;YANG, Fa;YANG, Yunfei;YAO, Zhaohong;YE, Jiayang;YU, Ting;ZHANG, Huayou;ZHONG, Hua;ZHONG, Jun;ZHOU, Wei~ 33:CN ~31:202511033476.X ~32:24/07/2025

2025/10964 ~ Complete ~54:DIRECT EXPANSION EVAPORATOR WITH VAPOR EJECTOR CAPACITY BOOST ~71:Evapco, Inc., 5151 Allendale Lane, TANEYTOWN 21787, MD, USA, United States of America ~72: DEROSIER, Greg;GOPALAN, Shri~ 33:US ~31:18/211,878 ~32:20/06/2023;33:US ~31:18/350,739 ~32:11/07/2023

2025/10966 ~ Complete ~54:PENDULUM COUNTERWEIGHT SEMI-SUBMERSIBLE FLOATER FOR OFFSHORE WIND TURBINE AND METHOD OF INSTALLING SAME ~71:SAIPEM S.A., 6 Place des Degrés, PUTEAUX 92800, FRANCE, France ~72: COLMARD, Christophe~ 33:FR ~31:FR2305569 ~32:02/06/2023

. - APPLIED ON 2025/12/19 -

2025/10990 ~ Provisional ~54:SYSTEM AND METHOD FOR NON-CUSTODIAL PLEDGING AND OPTIONISATION OF HETEROGENEOUS FINANCIAL ASSETS WITH USER-DEFINED STRIKE PRICES, GENERATING PORTFOLIO-LEVEL CONVEXITY VIA DUAL DISPERSION ~71:BAYLIS, Dudley Edward, Plot 112, Mnandi Road, Diepsloot Agricultural Holdings, South Africa ~72: BAYLIS, Dudley Edward~

2025/11033 ~ Complete ~54:MONITORING A VOLUME OF AN UNDERGROUND WORK SITE ~71:Sandvik Mining and Construction Oy, Pihtisulunkatu 9, TAMPERE 33330, FINLAND, Finland ~72: HUBEN, Malte;PUURA, Jussi~ 33:EP ~31:23182735.3 ~32:30/06/2023

2025/11000 ~ Complete ~54:NOVEL COMMUNITY GOVERNANCE BULLETIN BOARD ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: WANG Yanfei~

2025/11026 ~ Complete ~54:AQUEOUS ACOUSTIC DAMPING COMPOSITIONS, AND ARTICLES AND ASSEMBLIES THEREFROM ~71:Henkel AG & Co. KGaA, Henkelstrasse 67, DUESSELDORF 40589, GERMANY, Germany ~72: CHEN, Qi;ZHANG, Xuewen;ZHAO, Yuan;ZHONG, Jinfeng;ZHU, Chongyu~

2025/11035 ~ Complete ~54:HETEROCYCLIC GLP-1 AGONISTS ~71:Gasherbrum Bio, Inc., 601 Gateway Blvd., Suite 900, SOUTH SAN FRANCISCO 94080, CA, USA, United States of America ~72: JIANG, Xinglong;LEI, Hui;LIU, Cuiping;LU, Chunliang;ZHANG, Jinqiang~ 33:IB ~31:2023/105088 ~32:30/06/2023

2025/11041 ~ Complete ~54:POWER SYSTEM AND VEHICLE ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: QIXIN DONG;SHENGLIN GAN;YANYAN HAN;YUANLONG YE;ZHIGUANG ZHOU~ 33:CN ~31:202410434880.7 ~32:11/04/2024

2025/10988 ~ Provisional ~54:VACCUME SEALABLE CHICHEN PACKAGING - WHOLE CARCASS SEGMENT ~71:machael hans, stand no. 7640 extention 14, South Africa ~72: machael hans~

2025/10994 ~ Provisional ~54:THERMODYNAMIC COMPUTATION SYSTEM WITH IRREDUCIBLE UNCERTAINTY BUFFER AND GEOMETRIC CONFIDENCE MECHANISM ~71:Matthew, 16c Van Riebeeck Rd, South Africa ~72: Matthew Ryan Cholewinski~

2025/10998 ~ Complete ~54:INTEGRATED PRECISION TREATMENT DEVICE COMBINING ULTRASONIC PROBE AND ACUPOTOMY ~71:The·Second Affiliated Hospitalof AnhuiUniversity·of Chinese·Medicine, No. 300, Shouchun Road, Hefei City, Anhui Province, People's Republic of China ~72: Li Ruixue;Liu Yang;Song Yangchun;Sun Kui;Wu Sanbing~

2025/11020 ~ Complete ~54:A MELATONIN-ENRICHED COMPOSITION OF PISTACIA VERA (PISTACHIO) AND A METHOD OF PREPARATION THEREOF ~71:NETWORK-NUTRITION PTY LIMITED, PO Box 277, Kiama, New South Wales, 2533, Australia ~72: GORMAN, Ryan~ 33:US ~31:63/663,988 ~32:25/06/2024

2025/11027 ~ Complete ~54:TRAILER AND METHOD FOR CONTROLLING THE DISTANCE BETWEEN A TRAILER AND A CONNECTING ROD ~71:NÜWIEL GmbH, Holsteinischer Kamp 37, HAMBURG 22081, GERMANY, Germany ~72: HACKENBARTH, Frederic;KHAN, Fahad Aman~ 33:DE ~31:10 2023 116 707.3 ~32:26/06/2023

2025/10991 ~ Provisional ~54:TELESCOPIC BRAAI TONGS ~71:NICO JACOBUS ENGELBRECHT, MOUNTAIN VIEW, 366 IRVINE AVENUE, South Africa ~72: NICO JACOBUS ENGELBRECHT~

2025/10993 ~ Provisional ~54:A CLAMPING SYSTEM ~71:CLAMPING SOLUTIONS INTERNATIONAL (PTY)LTD., 7 Harris Street, SOUTH END, Port Elizabeth, Gqeberha (Port Elizabeth) 6001, EC, SOUTH AFRICA, South Africa ~72: ANDREWS, Benjamin;DE FREITAS, Jason~

2025/10996 ~ Complete ~54:TENNIS PICKING ROBOT FOR SPORTS TRAINING ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: YIN Hang;ZHAO Xinmin~

2025/10999 ~ Complete ~54:CYCLONE ACTIVATION SYSTEM FOR CONSTRUCTION MUCK MICROPOWDER ~71:Suqian University, No. 399 Huanghe South Road, Suqian City, Jiangsu Province, People's Republic of China ~72: Gengfei LI;Jian WANG;Kai ZHANG;Li GAO;Mengyao CUI;Qingsong ZHOU;Shengbo ZHOU;Xiangru LIU;Yanlin SUN;Zhifang ZHU~ 33:CN ~31:202510590618.6 ~32:08/05/2025

2025/11002 ~ Complete ~54:THE INVENTION RELATES TO A METHOD FOR PREPARING NANO-SILICA - ALUMINA COMPOSITE AEROGEL FROM FLY ASH ~71:Inner Mongolia Shen Dong Tian Long Group Co.Ltd, Tianlong Edifice, Ejin Horo Banner, Ordos, Inner Mongolia, People's Republic of China;Ordos Institute of Liaoning Technical University, Saihan Street, Kangbashi District, Ordos, Inner Mongolia, People's Republic of China ~72: Guo Chunbin;Guo Jianjun;Meng Xiaochao;Qin Qiuhong;Xie Wei;Xie Xin;Yao Zhihong;Zou Jingjing~

2025/11003 ~ Complete ~54:CARBON DIOXIDE CAPTURE DEVICE WITH FILTERING STRUCTURE ~71:NANTONG INSTITUTE OF TECHNOLOGY, NO.211, YONGXING ROAD.CHONGCHUAN DISTRICT, NANTONG CITY, People's Republic of China ~72: WANG, Zhiguo~

2025/11005 ~ Complete ~54:ANTISENSE OLIGONUCLEOTIDES TARGETING ALPHA-SYNUCLEIN AND USES THEREOF ~71:Bristol-Myers Squibb Company, Route 206 and Province Line Road, PRINCETON 08543, NJ, USA, United States of America;Roche Innovation Center Copenhagen A/S, Fremtidsvej 3, HØRSHOLM 2970, DENMARK, Denmark ~72: BALDICK, Carl J.;CACACE, Angela M.;DEVIDZE, Nino;HAGEDORN, Peter;JENSEN, Marianne Lerbech;LOY, James K.;MCDONALD, Ivar M.;MEREDITH Jr., Jere E.;OLSON, Richard E.;PENDRI, Annapurna~ 33:US ~31:62/616,937 ~32:12/01/2018

2025/11015 ~ Complete ~54:PROCESS FOR PRODUCING DIALKYL CYCLOALKANES ~71:SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., Carel van Bylandtlaan 30, HR The Hague, Netherlands ~72: BALDENHOFER, Rick;LANGE, Jean-Paul Andre Marie Joseph Ghislain;RAMIRO, Pliar Ruiz~ 33:EP ~31:23188381.0 ~32:28/07/2023

2025/11024 ~ Complete ~54:METHODS FOR TREATING ATRIAL FIBRILLATIONS WITH BUDIODARONE ~71:XYRA, LLC, 120 Hatona Drive, United States of America ~72: DRUZGALA, Pascal;MILNER, Peter Gerard~ 33:US ~31:63/525,093 ~32:05/07/2023

2025/11028 ~ Complete ~54:INHIBITORY RNA TARGETING HUNTINGTIN EXPRESSION ~71:Genentech, Inc., 1 DNA Way, SOUTH SAN FRANCISCO 94080, CA, USA, United States of America;Spark Therapeutics, Inc., 3737 Market Street, Ste. 1300, PHILADELPHIA 19104, PA, USA, United States of America ~72: CALI, Christopher;CARGNIN, Francesca;HALEY, Benjamin J.;LI, Mathew Maoxiang;LI, Quanyi;PRICE, Philip Lee;RAMSBURG, Elizabeth;SAVOLA, Juha~ 33:US ~31:63/511,187 ~32:30/06/2023;33:US ~31:63/591,868 ~32:20/10/2023;33:US ~31:63/557,370 ~32:23/02/2024;33:US ~31:63/654,508 ~32:31/05/2024

2025/11030 ~ Complete ~54:CONCRETE SEGMENT OF AN UPPER CONCRETE SECTION OF A WIND TURBINE TOWER, MOULD CONFIGURED TO CAST SUCH A CONCRETE SEGMENT AND METHOD OF

ASSEMBLING A WIND TURBINE COMPRISING SUCH A CONCRETE SEGMENT ~71:Nordex Energy Spain, S.A.U., Polígono Industrial Barasoain, Parcela 2, BARASOAIN 31395, SPAIN, Spain ~72: ARLABÁN, Teresa;GARCÍA, Iván;GARDUÑO, Aitor;GONZÁLEZ, Miguel;VARELA, Fernando~ 33:EP ~31:23382627.0 ~32:21/06/2023

2025/11031 ~ Complete ~54:ELECTRICALLY CONDUCTIVE CURABLE SILICONE COMPOSITION ~71:Henkel AG & Co. KGaA, Henkelstrasse 67, DÜSSELDORF 40589, GERMANY, Germany ~72: BAHRAMI, Kourosh;JADHAV, Sumit;PATEL, Mihirkumar;SHAH, Jayesh P~ 33:IN ~31:202341035654 ~32:23/05/2023;33:EP ~31:23183737.8 ~32:05/07/2023

2025/11032 ~ Complete ~54:SEPARATING DEVICE ASSEMBLY AND ROOT CROP HARVESTER ~71:Grimme Landmaschinenfabrik GmbH & Co. KG, Hunteburger Straße 32, DAMME 49401 , GERMANY, Germany ~72: DETTMER, Franz-Josef;KOLBECK, Ludger~ 33:DE ~31:20 2023 103 583.3 ~32:28/06/2023

2025/10995 ~ Complete ~54:A PREPARATION METHOD FOR A MESENCHYMAL STEM CELL EXOSOME REPAIR GEL ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province., People's Republic of China ~72: Han Di;Jing Lei;Liu Boya;Ren Yahui;Wang Chenfeng;Zhang Lu~ 33:CN ~31:2025117379193 ~32:25/11/2025

2025/11006 ~ Complete ~54:WEAR ASSEMBLY FOR EARTH WORKING EQUIPMENT ~71:ESCO Group LLC, 2141 NW 25th Avenue Portland, OR 97210-2578, USA, United States of America ~72: SNYDER, Christopher D.~ 33:US ~31:62/292,490 ~32:08/02/2016

2025/11016 ~ Complete ~54:PROCESS FOR PRODUCING DIALKYL CYCLOALKANES ~71:SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., Carel van Bylandtlaan 30, HR The Hague, Netherlands ~72: BALDENHOFER, Rick;LANGE, Jean-Paul Andre Marie Joseph Ghislain;RAMIRO, Pliar Ruiz~ 33:EP ~31:23188379.4 ~32:28/07/2023

2025/11018 ~ Complete ~54:MACHINE VISION-BASED DETECTING AND PROCESSING OF TABLE GAME EVENTS ~71:NRT TECHNOLOGIES, INC., 3525 E. Post Road, Las Vegas, United States of America ~72: DOMINELLI, Michael;SATTAR, Nasr;SOLTANI, Reza;WOOD, Deon~ 33:US ~31:63/506,140 ~32:05/06/2023

2025/11036 ~ Complete ~54:POWER GENERATOR ~71:Mountain N Meadow Holdings, Inc., 401 E. Las Olas Blvd., 130-152, FT. LAUDERDALE 33301, FL, USA, United States of America ~72: DEVERICKS, James~ 33:US ~31:63/505,567 ~32:01/06/2023;33:US ~31:18/731,106 ~32:31/05/2024

2025/10987 ~ Provisional ~54:SYSTEM AND A METHOD FOR MOBILE BIOMETRIC IDENTIFICATION AND AUTHENTICATION ~71:JAN KLEYNHANS, 209 Cactus Road,, South Africa ~72: KLEYNHANS, JAN~

2025/10985 ~ Provisional ~54:SYSTEM AND METHOD FOR SECURELY COMPUTING, NORMALIZING, AND DELIVERING A SINGLE SCALAR EMPLOYER NET-BENEFIT METRIC FROM VERIFIED WAGE SIGNALS, COST-OF- WORK INPUTS, ATTRITION/ABSENCE DYNAMICS, PRODUCTIVITY UPLIFT MODELS, AND POLICY/ESG INCENTIVES ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2025/10986 ~ Provisional ~54:A SAFETY DEVICE ~71:BEUKES, Johan, 73 SPRINGBOK STREET, KANONKOP, MIDDELBURG, 1050, SOUTH AFRICA, South Africa ~72: BEUKES, Johan~

2025/11004 ~ Complete ~54:WEAR ASSEMBLY FOR EARTH WORKING EQUIPMENT ~71:ESCO Group LLC, 2141 NW 25th Avenue Portland, OR 97210-2578, USA, United States of America ~72: SNYDER, Christopher D.~ 33:US ~31:62/292,490 ~32:08/02/2016

2025/11007 ~ Complete ~54:ANTISENSE OLIGONUCLEOTIDES TARGETING ALPHA-SYNUCLEIN AND USES THEREOF ~71:Bristol-Myers Squibb Company, Route 206 and Province Line Road, PRINCETON 08543, NJ, USA, United States of America;Roche Innovation Center Copenhagen A/S, Fremtidsvej 3, HØRSHOLM 2970, DENMARK, Denmark ~72: BALDICK, Carl J.;CACACE, Angela M.;DEVIDZE, Nino;HAGEDORN, Peter;JENSEN, Marianne Lerbech;LOY, James K.;MCDONALD, Ivar M.;MEREDITH Jr., Jere E.;OLSON, Richard E.;PENDRI, Annapurna~ 33:US ~31:62/616,994 ~32:12/01/2018

2025/11012 ~ Complete ~54:RECOVERY OF METALS FROM METALLIC OR METAL-BEARING MATERIALS ~71:ULTIMATE INDUSTRIALS SARL, 6 Avenue Lubungi, Commune Kampemba, Lubumbashi, DEMOCRATIC REPUBLIC OF CONGO, Democratic Republic of the Congo ~72: KASONDE, Maweja;KAZADI , Dieudonné Mbuyi;MUKONGO, Tshikele~ 33:NL ~31:2039/428 ~32:20/12/2024

2025/11019 ~ Complete ~54:A REAL-TIME DECISION SUPPORT AND PHRASE RECOMMENDATION SYSTEM FOR INTERCULTURAL COMMUNICATION SCENARIOS ~71:SHANDONG YOUTH UNIVERSITY OF POLITICAL SCIENCE, No. 31699 East Jingshi Road, Jinan, Shandong, 250103, People's Republic of China ~72: Jie Dong;Jin Zhang~

2025/11023 ~ Complete ~54:DEVICE AND METHOD FOR FABRICATING SUPERHYDROPHOBIC COATING ON CLOSED METAL CURVED SURFACE ~71:China University of Mining and Technology, Nanhu Campus, China University of Mining and Technology, No.1 University Road, Xuzhou City, Jiangsu Province, 221116, People's Republic of China;Jiangsu Weite Hi-tech Welding CO., LTD., North Side, No. 24, East 1st Road, Hongze District Economic Development Zone, Huai'an City, Jiangsu Province, 223199, People's Republic of China ~72: Chang Keming;Chen Yu;Chen Zheng;Fan Rongxin;Fan Yu;Han Jishan;Hu Shan;Jia Yizhe;Liu Hongtao;Qiao Hailin;Song Zhanxin;Xirao, Zhuoma;Xu Jie;Yan Hongzhen;Yao Ruidong;Zhang Weilong~ 33:CN ~31:202410786823.5 ~32:18/06/2024

2025/11029 ~ Complete ~54:COMBINATION THERAPIES OF FASN INHIBITORS WITH THYROID HORMONE RECEPTOR AGONISTS ~71:Sagimet Biosciences Inc., 155 Bovet Road,, Suite 303, SAN MATEO 94402, CA, USA, United States of America ~72: KEMBLE, George;O'FARRELL, Anne-Marie;TSAI, Wen-Wei~ 33:US ~31:63/509,267 ~32:20/06/2023

2025/11042 ~ Complete ~54:METHOD AND APPARATUS FOR PREVENTING ENTIRE VEHICLE COLLISION FOR VEHICLE, VEHICLE, AND STORAGE MEDIUM ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: CHANGHONG CHEN;JINLEI WANG;PENGLONG LI;QINGLIN KOU~ 33:CN ~31:202411041812.0 ~32:31/07/2024

2025/10992 ~ Provisional ~54:SYSTEMS AND METHODS FOR ENHANCED INSURANCE PRODUCT STRUCTURING AND CAPITAL MANAGEMENT ~71:ACTUARYAI LIMITED, Chemin Vingt Pieds, 5th Floor, La Croisette, Mauritius ~72: RICHMAN, Ronald~

2025/10997 ~ Complete ~54:GENERATIVE MODEL AND SYSTEM BASED ON RACETRACK TYPE MULTI-AGENT ADVERSARIAL COLLABORATION, TRAINING METHOD, AND APPLICATION ~71:TONGJI UNIVERSITY, No. 1239 Siping Road, Yangpu District, People's Republic of China ~72: QIAO Ye;XIANG Yang~ 33:CN ~31:CN202511718687.7 ~32:21/11/2025

2025/11001 ~ Complete ~54:PRECISION ATOMIZED DRUG DELIVERY DEVICE FOR TREATING SILICOSIS IN MICE ~71:ANHUI UNIVERSITY OF SCIENCE & TECHNOLOGY, NO. 168 TAIFENG STREET, HUAINAN CITY, People's Republic of China ~72: GUO, Jianqiang;HU, Dong;WU, Jing~

2025/11008 ~ Complete ~54:MEDIAL BRANCH SMART TIP NEEDLE ~71:PACIRA CRYOTECH, INC., 5401 West Kennedy Blvd., Lincoln Center, Suite 890, United States of America ~72: GHAFFARI, Mahsa;HAAS, Amir;PARFETT, Raymond;PHUNG, Brandon;RIEMAN, Briana;SLONIN, Jonathan;SPRANGER, John;TOOMEY, John Christopher~ 33:US ~31:19/013,766 ~32:08/01/2025

2025/11009 ~ Complete ~54:INERTIAL HYDRODYNAMIC PUMP AND WAVE ENGINE ~71:LONE GULL HOLDINGS, LTD., 5331 SW Macadam Ave., Suite 258-332, Portland, Oregon 97239, United States of America ~72: BRIAN LEE MOFFAT;DANIEL WILLIAM PLACE;GARTH ALEXANDER SHELDON-COULSON;IVAR LEE THORSON~ 33:US ~31:62/978,299 ~32:19/02/2020;33:US ~31:63/026,670 ~32:18/05/2020;33:US ~31:63/060,145 ~32:03/08/2020

2025/11014 ~ Complete ~54:METHOD FOR PRODUCING ULTRA-LOW SPECULAR REFLECTANCE STEEL SHEETS ~71:ACERINOX EUROPA, S.A.U., Avenida Acerinox Europa, s/n Polígono Industrial de Palmones, Spain ~72: ALMAGRO BELLO, Juan Francisco;LARA GUERRERO, Rubén;LUNA DOÑA, Carmen;LÓPEZ CALLE, Javier~ 33:EP ~31:23382481.2 ~32:23/05/2023

2025/11021 ~ Complete ~54:VIRAL VECTORS FOR TREATING BLADDER DISEASES ~71:EG 427, 29 rue du Faubourg Saint-Jacques, 75014, France ~72: EPSTEIN, Alberto L.;HAAG MOLKENTELLER, Cornelia Charlotte~ 33:US ~31:63/524,486 ~32:30/06/2023

2025/11038 ~ Complete ~54:FESTOON SYSTEM FOR MOUNTING CABLES ~71:Sandvik Mining and Construction G.m.b.H., Alpinestrasse 1, ZELTWEG 8740, AUSTRIA, Austria ~72: RIEGER, Hubert~ 33:EP ~31:23182686.8 ~32:30/06/2023

2025/10989 ~ Provisional ~54:A COVER FOR A VEHICLE ~71:ALTO ADIGE ACQUISITIONS (PTY) LTD, 2540 KOMATI DRIVE, WATERFALL COUNTRY VILLAGE, WATERFALL, JOHANNESBURG, SOUTH AFRICA, South Africa ~72: KOURIE, Gregory, Christopher;PETZWINKLER, Nicholas, Lucas~

2025/11039 ~ Complete ~54:ENGINE, HYBRID ELECTRIC VEHICLE AND COOLING METHOD ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: DAZHI JIANG;JIALONG LIU~ 33:CN ~31:202410660869.2 ~32:24/05/2024

2025/11043 ~ Complete ~54:COMPOSITIONS AND METHODS FOR GENERATING IMMUNITY TO BACTERIAL INFECTION ~71:SYNTIRON LLC, 1000 Westgate Drive, St. Paul, Minnesota, 55114, United States of America ~72: LEAH RANDLES;LISA HERRON-OLSON;PATRICIA ELLEN TAM~ 33:US ~31:63/471,365 ~32:06/06/2023;33:US ~31:63/535,969 ~32:31/08/2023

2025/11044 ~ Complete ~54:COMPOSITIONS COMPRISING ISOLATED ENDOTHELIAL PROGENITOR CELLS AND USES THEREOF ~71:THE UNIVERSITY OF QUEENSLAND, The University of Queensland St Lucia, Queensland, 4072, Australia ~72: KIARASH KHOSROTEHRANI;PAUL COLDITZ;SIMRANPREET KAUR~ 33:GB ~31:2309945.0 ~32:29/06/2023

2025/11010 ~ Complete ~54:RESIDENCE STRUCTURES AND RELATED METHODS ~71:MASSACHUSETTS INSTITUTE OF TECHNOLOGY, 77 Massachusetts Avenue, Cambridge, Massachusetts, 02139, United States of America;THE BRIGHAM AND WOMEN'S HOSPITAL, INC., 75 Francis Street, Boston, Massachusetts, 02215, United States of America ~72: ANDREW BELLINGER;ANGELA DICICCIO;CARLO GIOVANNI TRAVERSO;DEAN LIANG GLETTIG;LOWELL L JR WOOD;MOUSA JAFARI;PHILIP A ECKHOFF;ROBERT S LANGER;SHIYI ZHANG;STACY MO;TYLER GRANT~ 33:US ~31:62/010,992 ~32:11/06/2014

2025/11011 ~ Complete ~54:SIGNALING GENERAL CONSTRAINTS INFORMATION FOR VIDEO CODING ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, Dongguan, Guangdong 523860, People's Republic of China ~72: HAOPING YU;JONATHAN GAN;YUE YU~ 33:US ~31:63/266,615 ~32:10/01/2022;33:US ~31:63/266,616 ~32:10/01/2022;33:US ~31:63/266,765 ~32:13/01/2022

2025/11022 ~ Complete ~54:SYSTEM FOR DISPENSING PRIMERS IN MINING BLASTHOLES ~71:ENAEX SERVICIOS S.A., El Trovador 4253, Chile ~72: BARRIGA MELGAREJO, Jonhatan Octavio;CARVAJAL RAMIREZ, Diego Alonso;CORREA PEREZ, Mauricio Alfredo;CRUZ BRUNET, Nicolás Ricardo;DÍAZ FERRÁN, Gustavo Andrés;GARCÍA LÓPEZ, Felipe Alonso;INOSTROZA FERRARI, Felipe Ignacio;LARA MARRO, Gloria del Pilar;PALACIOS VILLALOBOS, Claudio Alberto;PEÑA PINTO, Darco Esteban;RIVERA FIERRO, Cristian Fabián;RUIZ DEL SOLAR SAN MARTIN, Javier;RUIZ HERNÁNDEZ, Marco Antonio~

2025/11013 ~ Complete ~54:A GRADIENT GUIDE FRAME FRAME FOR SOLAR PANELS WITH SELF-CLEANING FUNCTION ~71:Xi'an Traffic Engineering University, No. 1, Meibi West Road, Huyi District, Xi'an City, Shaanxi Province, 710300, People's Republic of China ~72: CHANG Zaibin;WANG Xuedong;WEI Junchao~

2025/11017 ~ Complete ~54:DETERMINING THE INTEGRITY OF A PIPELINE WALL ~71:ROSENXT HOLDING AG, Obere Spichermatt 12, Switzerland ~72: BOUAOUA, Nourreddine~ 33:BE ~31:2023/5625 ~32:28/07/2023

2025/11025 ~ Complete ~54:CONCRETE SEGMENT OF AN UPPER CONCRETE SECTION OF A WIND TURBINE TOWER, MOULD CONFIGURED TO CAST SUCH A CONCRETE SEGMENT AND METHOD OF ASSEMBLING A WIND TURBINE COMPRISING SUCH A CONCRETE SEGMENT ~71:Nordex Energy Spain, S.A.U., P. I. Barasoain, Parcela 2, BARASOAIN 31395, SPAIN, Spain ~72: ARLABÁN, Teresa;GARCIA, Iván;GARDUÑO, Aitor;GONZALEZ, Miguel;VARELA, Fernando~ 33:EP ~31:23382625.4 ~32:21/06/2023

2025/11034 ~ Complete ~54:METHODS OF RECOMBINANT ADENO-ASSOCIATED VIRUS KIDNEY ADMINISTRATION ~71:AskBio Inc., 20 T.W. Alexander Drive, Suite 110, Research Triangle Park, 27709, NC, USA, United States of America ~72: BOERNER, Kathleen;DEACON, Patrick;GABRIEL, Sherif;MOULLIER, Philippe~ 33:US ~31:63/469,766 ~32:30/05/2023;33:US ~31:63/578,838 ~32:25/08/2023

2025/11037 ~ Complete ~54:COMPONENT-NORMALIZED VARIABLE-STRENGTH DUAL-PHASE STEEL PLATE AND FLEXIBLE MANUFACTURING METHOD THEREFOR ~71:Baoshan Iron & Steel Co., Ltd., No. 885, FUJIN ROAD, Baoshan District, SHANGHAI 201900, CHINA (P.R.C.), People's Republic of China ~72: LI , Wei;XUE, Peng;ZHU, Xiaodong~ 33:CN ~31:202310624027.7 ~32:30/05/2023

2025/11040 ~ Complete ~54:POWER SYSTEM AND AUTOMOBILE ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: QIXIN DONG;SHENGLIN GAN;YANYAN HAN;YUANLONG YE;ZHIGUANG ZHOU~ 33:CN ~31:202410481928.X ~32:22/04/2024

. - APPLIED ON 2025/12/22 -

2025/11050 ~ Provisional ~54:A MODULAR SYSTEM AND METHOD FOR DEFENSIBLE WORKFORCE MANAGEMENT, EMPLOYMENT ACCOUNTABILITY, AND SYMBOLIC REPUTATIONAL GOVERNANCE ~71:SIMONE ROSALYN VOLKER, 51 Churston Road, Cowies Hill, South Africa ~72: SIMONE ROSALYN VOLKER~ 33:ZA ~31:NONE ~32:21/12/2025

2025/11059 ~ Complete ~54:FULL-PROCESS CONSTRUCTION METHOD FOR ZERO-CARBON SERVICE AREAS BASED ON WIND-SOLAR SYNERGY ~71:CHANG'AN UNIVERSITY, Middle-section of Nan'er Huan Road, Yanta District, Xi'an City, Shaanxi Province, 710000, People's Republic of China;SHAANXI PROVINCIAL

TRANSPORT PLANNING DESIGN AND RESEARCH INSTITUTE CO., LTD., No. 37, Keji Sixth Road, High-tech Zone, Xi'an City, Shaanxi Province, 710000, People's Republic of China ~72: Dongdong YUAN;Gang DONG;Jiabin CHAO;Jingjing XIAO;Shuo ZHANG;Teng WANG;Wei JIANG;Xin ZHAO;Yang LI;Yufei ZHANG;Yujie CAO~ 33:CN ~31:2025114101985 ~32:29/09/2025

2025/11063 ~ Complete ~54:ADAPTER COUPLING ~71:VICTAULIC COMPANY, 4901 Kesslersville Road, United States of America ~72: BOWMAN, Matthew A.;CUVO, Anthony J.~ 33:US ~31:62/271,395 ~32:28/12/2015

2025/11067 ~ Complete ~54:EPCAM ANTIBODIES, ACTIVATABLE ANTIBODIES, AND IMMUNOCONJUGATES, AND USES THEREOF ~71:CYTOMX THERAPEUTICS, INC., 151 OYSTER POINT BOULEVARD, SUITE 400, SOUTH SAN FRANCISCO, CALIFORNIA 94080, USA, United States of America;IMMUNOGEN, INC., 830 WINTER STREET, WALTHAM, MASSACHUSETTS 02451, USA, United States of America ~72: CHAN, Chanty, Mariategue;CHITTENDEN, Thomas;FOX, Ellaine, Anne, Mariano;GUIDI, Cynthia, J.;HICKS, Stuart, W.;KOHLI, Neeraj;LAMBERT, John;LIU, Yimao;PAIDHUNGAT, Madan, M.;SAGERT, Jason, Gary;TIPTON, Kimberly, Ann~ 33:US ~31:62/751,530 ~32:26/10/2018;33:US ~31:62/824,539 ~32:27/03/2019;33:US ~31:62/846,297 ~32:10/05/2019

2025/11097 ~ Complete ~54:POWER SYSTEM AND VEHICLE ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: SHENGLIN GAN;WEI WANG;YANYAN HAN;YIJING ZHANG~ 33:CN ~31:202410774691.4 ~32:17/06/2024

2025/11101 ~ Complete ~54:HEAT-TREATMENT-FREE ALUMINUM ALLOY MATERIAL, AND PREPARATION METHOD THEREFOR AND USE THEREOF ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: GUIGEN WU;KAIYANG XU;LEI ZHANG;PEILEI CHEN;XINHUA GAO;YONG XIAO;YOUZHONG XU;ZHANGYIN LI~ 33:CN ~31:202410755513.7 ~32:12/06/2024

2025/11104 ~ Complete ~54:DUAL-MODE VEHICLE DOOR ELECTRIC SYSTEM AND VEHICLE WITH SAME ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: BO PANG;KESHENG YU;SHUZHAN LIU;XIN LI~ 33:CN ~31:202410921533.7 ~32:10/07/2024

2025/11108 ~ Complete ~54:A PROCESSING DEVICE AND METHOD FOR NEW ENERGY END-OF-LIFE VEHICLE BATTERIES ~71:ANHUI SCIENCE AND TECHNOLOGY UNIVERSITY, No. 9 Donghua Road, Fengyang County, Chuzhou, People's Republic of China ~72: CAO Bo;CHEN Feng;GUO Yafei;LI Qiang;LIU Youhao;LV Zhiyuan;WAN Chuanping;WANG Guangrun;WU Yao;ZHANG Hua~ 33:CN ~31:202510397933.7 ~32:01/04/2025

2025/11071 ~ Complete ~54:A MICROCONTROLLER TECHNOLOGY BASED AUTOMATIC TICKET DETAILS STORING SYSTEM FOR ACCURATE IDENTIFICATION AND TRACKING ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: ANTAD, Sonali M;LADE, Sangita;PATEL, Rukmoddin Nabab;PAWDE, Yash;SIDDIQUI, Faizanoddin Mushtaqoddin~

2025/11084 ~ Complete ~54:A PROCESS OF PREPARATION OF AN ANTIBACTERIAL COMPOUND AND ITS INTERMEDIATES THEREOF ~71:Bugworks Research, Inc., 2711 Centerville Road, Suite 400, WILMINGTON 19808, DE, USA, United States of America ~72: KAUSHIK KOTAKONDA, Harish;PEER MOHAMED, Shahul Hameed;TUMMA, Harikrishna~ 33:IN ~31:202341039331 ~32:08/06/2023

2025/11086 ~ Complete ~54:INHIBITORS OF TYK2 ~71:Atomwise Inc., 717 Market Street, Suite 800, SAN FRANCISCO 94103, CA, USA, United States of America ~72: MORTEZAEI, Shahab~ 33:US ~31:63/505,969 ~32:02/06/2023;33:US ~31:63/618,980 ~32:09/01/2024

2025/11095 ~ Complete ~54:SEALING STRUCTURE, GEARBOX, AND AUTOMOBILE ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China;WUHU ACTECO POWERTRAIN CO., LTD., No.38 Taishan Road, Wuhu Area, China (Anhui) Pilot Free Trade Zone, Wuhu, Anhui, 241009, People's Republic of China ~72: QIXIN DONG;SHENGLIN GAN;WEI WANG;YANYAN HAN;ZHIGUANG ZHOU~ 33:CN ~31:202410774692.9 ~32:17/06/2024

2025/11110 ~ Provisional ~54:INTEGRATED JUDICIAL INTEGRITY KERNEL FOR VERIFIABLE DIGITAL EVIDENCE AND AUTONOMOUS COMPLIANCE ~71:RULIAL SPACE AGENCY (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/11046 ~ Provisional ~54:E-HAILING ~71:Gugu Mdliva, Unit 31 Block 2, South Africa ~72: Gugu Mdliva~

2025/11054 ~ Complete ~54:ARTIFICIAL INTELLIGENCE DELIVERY DEVICE FOR AGARICUS BISPORUS SPAWN ~71:Institute of Edible Mushroom, Fujian Academy of Agricultural Sciences (Fujian Mushroom Research and Development Station), No. 104, Pudang, Xindian Town, Jin'an District, Fuzhou City, Fujian Province, 350014, People's Republic of China ~72: Hui ZENG;Jianqing DAI;Meiyuan CHEN;Wenzhi CHEN;Zhiheng ZENG;Zhixin CAI~ 33:CN ~31:2025101302492 ~32:05/02/2025

2025/11064 ~ Complete ~54:ELEMENTS RESISTANT ARTIFACTS AND MANUFACTURING METHOD ~71:Phoenix Steel Sales Pty Ltd, 99-105 McDowell Street, Australia ~72: DALY, Peter;LAND, Trevor;MALTBY, David~ 33:AU ~31:2024904260 ~32:20/12/2024

2025/11076 ~ Complete ~54:ORGANIC CYTOTOXIN OLIGOMERS AND USES THEREOF AS A PAYLOAD IN ANTIBODY-DRUG CONJUGATES ~71:SIMRIS BIOLOGICS GMBH, MAGNUSSTR. 11, 12489 BERLIN, GERMANY, Germany ~72: ENKE, Dan;ENKE, Heike;NIEDERMEYER, Timo;SCHUSTER, Sabine~ 33:EP ~31:23187008.0 ~32:21/07/2023

2025/11078 ~ Complete ~54:ENGINEERED CHIMERIC FUSION PROTEIN COMPOSITIONS AND METHODS OF USE THEREOF ~71:CREATE MEDICINES, INC., 300 Technology Square, Suite 203, United States of America;GERBER, Michele Luise, c/o Myeloid Therapeutics, Inc., 300 Technology Square, United States of America;MAURER, Matthew Anthony, c/o Myeloid Therapeutics, Inc., 300 Technology Square, United States of America ~72: GERBER, Michele Luise;GETTS, Daniel;MAURER, Matthew Anthony;WANG, Yuxiao~ 33:US ~31:63/511,274 ~32:30/06/2023;33:US ~31:63/579,422 ~32:29/08/2023

2025/11089 ~ Complete ~54:CREAMER ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: FU, Jun-Tse Ray;KHARAT, Mahesh;LORET, Chrystel;MOUGIN, Alice;ZHENG, Ying~ 33:US ~31:63/469,624 ~32:30/05/2023;33:EP ~31:23183179.3 ~32:04/07/2023

2025/11096 ~ Complete ~54:T CELL RECEPTORS GENERATED AS A RESULT OF HPV VACCINE THERAPY AND METHODS OF TREATING PATIENTS WITH SAME ~71:PRECIGEN, INC., 20358 Seneca Meadows Parkway, Germantown, Maryland, 20876, United States of America;THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, Office of Technology Transfer, National Institutes of Health, 6701 Rockledge Drive, Suite 700, MSC 7788, Bethesda, Maryland, 20892-7788, United States of America ~72: CHEN WANG;CLINT ALLEN;DAMODAR ETTYREDDY;DOUGLAS E BROUGH;QI YANG~ 33:US ~31:63/503,578 ~32:22/05/2023

2025/11100 ~ Complete ~54:SYSTEM AND METHOD FOR MAKING GREEN HYDROGEN ~71:POWER & CONCEPTS, LLC DBA THE CHRYSLER GROUP, 8210 W State Rd 84, Davie, Florida 33324, United States of America ~72: MARLON EKHOFF;RICHARD CHRYSLER~ 33:US ~31:18/202,150 ~32:25/05/2023

2025/11103 ~ Complete ~54:VEHICLE SEAT FOLLOW-UP SAFETY BELT ASSEMBLY, FOLLOW-UP ADJUSTMENT METHOD, SEAT, AND VEHICLE ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: CHEN ZHOU;MUFEI WANG;QUANWANG HUANG;XIUQIN ZHANG;YINGXIANG LU~ 33:CN ~31:202410908592.0 ~32:08/07/2024

2025/11051 ~ Complete ~54:ANTI-CD8 ANTIBODIES AND USES THEREOF ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: GIURLEO, Jason, T.;MA, Dangshe;OLSON, William;TAVARE, Richard;THURSTON, Gavin~ 33:US ~31:62/536,239 ~32:24/07/2017;33:US ~31:62/660,902 ~32:20/04/2018

2025/11070 ~ Complete ~54:A GSM TECHNOLOGY BASED INTELLIGENT TRAFFIC MANAGEMENT SYSTEM FOR PRIORITY CLEARANCE OF EMERGENCY VEHICLES ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: BAKSHI, Mayuresh V.;GAWANDE, Pravin;KOUNDINYA, Pannala Vijay Ram;MARAL, Vikas B.;MESHRAM, Vishal Ambadas;POL, Rahul S.;SAHARE, Sheetal Ajay~

2025/11074 ~ Complete ~54:COORDINATED CONTROL METHOD AND SYSTEM FOR LUBRICATION-BY-CLUSTER OF WIND TURBINE GROUP ~71:CRRC SHANDONG WIND POWER CO., LTD., No.3666, Century Avenue, High-Tech Zone, Jinan, People's Republic of China ~72: DU, Shuwang;HE, Chunrong;LI, Chao;LIU, Fucai;YAN, Yonghua~ 33:CN ~31:2025111689745 ~32:20/08/2025

2025/11080 ~ Complete ~54:BUDIODARONE FOR CARDIOVERSION ~71:XYRA, LLC, 120 Hatona Drive, United States of America ~72: DRUZGALA, Pascal;MILNER, Peter~ 33:US ~31:63/525,014 ~32:05/07/2023;33:US ~31:18/351,261 ~32:12/07/2023

2025/11085 ~ Complete ~54:BIFIDOBACTERIUM LONGUM TRANSITIONAL MICROORGANISM ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: DELANNOY-BRUNO, Omar;DUBOUX, Stéphane;NGOM-BRU, Catherine;SAKWINSKA, Olga;SIEGWALD, Léa~ 33:EP ~31:23177101.5 ~32:02/06/2023

2025/11091 ~ Complete ~54:REDUCED CRUSHING FORCE VARIATION IN CRUSHERS ~71:Sandvik SRP AB, Stationsplan 1, SVEDALA 23381, SWEDEN, Sweden ~72: JOHANSSON, Jan;LARSSON, Per-Ola;SJÖBERG, Patrik~ 33:EP ~31:23178604.7 ~32:12/06/2023

2025/11098 ~ Complete ~54:GEARBOX, HYBRID POWER SYSTEM AND AUTOMOBILE ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China;WUHU ACTECO POWERTRAIN CO., LTD., No.38 Taishan Road, Wuhu Area, China (Anhui) Pilot Free Trade Zone, Wuhu, Anhui, 241009, People's Republic of China ~72: MEIZHEN SHU;QIHAO WU;SONG YU;YUANLONG YE;ZHIGUANG ZHOU~ 33:CN ~31:202410654164.X ~32:24/05/2024

2025/11102 ~ Complete ~54:SELF-LEARNING METHOD AND SYSTEM FOR OPTIMAL ECONOMIC CURVE OF SERIES POWER GENERATION FOR HYBRID VEHICLE MODEL ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: FAN ZHANG;YA ZHAO;YAMING ZHANG~ 33:CN ~31:202410493246.0 ~32:23/04/2024

2025/11106 ~ Complete ~54:ROLLER BLIND HAVING TENSIONING DEVICES ~71:SHANGHAI QING FAN INTELLECTUAL SUNSHADE TECHNOLOGY CO., LTD, Floor 2-1, Building 7, No. 508, Xiangche Road, Chedun Town, Songjiang District, People's Republic of China ~72: KONG, Haibing~ 33:CN ~31:202321393325.1 ~32:02/06/2023

2025/11045 ~ Provisional ~54:A SYSTEM AND METHOD FOR DETECTING AND EXPLAINING SCAM COMMUNICATIONS USING EXTRACTED TEXTUAL CONTENT ~71:Inge Erasmus, 4 Taurus Avenue, South Africa ~72: Inge Erasmus~

2025/11069 ~ Complete ~54:AN IOT BASED AUTOMATIC MEDICINE DISPENSER FOR ENHANCED MEDICATION ADHERENCE IN ELDERLY PEOPLE ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: JOSHI, Tejas Sanjay;KADU, Anish Ravindra;KALASKAR, Prathmesh Kiran;KATHOKE, Yash Laxman;KHANDARE, Amartya Avinash;MAHALLE, Parikshit N;SANGVE, Sunil Mahadev~

2025/11072 ~ Complete ~54:INTELLIGENT DYNAMIC SAFETY EARLY-WARNING SYSTEM FOR RAIL TRANSIT ~71:SHENZHEN SOLING COMMUNICATION TECHNOLOGY CO, LTD, Chen Wenli Industrial Part, Xinke Street,Guangming District, Building A2, 4th Floor, People's Republic of China ~72: LIU, Zeyang~

2025/11073 ~ Complete ~54:WIRELESS CHARGING STRUCTURE ~71:SHENZHEN SOLING COMMUNICATION TECHNOLOGY CO., LTD, Building A2, 4th Floor, Chen Wenli Industrial Park, Xinke Street, Guangming District, People's Republic of China ~72: LIU, Zeyang~

2025/11088 ~ Complete ~54:METHODS FOR TREATMENT OF NON-SMALL CELL LUNG CANCER (NSCLC) ~71:Janssen Biotech, Inc., 800/850 Ridgeview Drive, HORSHAM 19044, PA, USA, United States of America ~72: KNOBLAUCH, Roland~ 33:US ~31:63/468,375 ~32:23/05/2023;33:US ~31:63/540,742 ~32:27/09/2023

2025/11092 ~ Complete ~54:TREATMENT APPLICATORS ~71:Monsanto Technology LLC, 800 North Lindbergh Blvd., SAINT LOUIS 63167, MO, USA, United States of America ~72: MISKELL, Paul Lee;THIELEN, Andrew David;WHITTLE, Laura;WOLFERSBERGER, Charles~ 33:US ~31:63/468,499 ~32:23/05/2023

2025/11082 ~ Complete ~54:PHOTOVOLTAIC SOLAR PANEL ~71:Powerfultree S.L., Edificio BIC, Parque Tecnológico de Álava calle Albert Einstein nº 15, VITORIA-GASTEIZ (ÁLAVA) 01510, SPAIN, Spain ~72: DÍAZ LÓPEZ, Juan Diego;SOLER ESTEBAN, Alvaro;ZUAZO SAENZ DE VITERI, Abraham~ 33:ES ~31:P202330542 ~32:28/06/2023

2025/11083 ~ Complete ~54:STERILE DISPOSABLE PRIME TUBE ~71:Bayer HealthCare LLC, 100 Bayer Boulevard, WHIPPANY 07981-0915, NJ, USA, United States of America ~72: BARONE, William;CAPONE, Christopher;MENEGO, Ian;SWANTNER, Michael~ 33:US ~31:63/505,593 ~32:01/06/2023

2025/11093 ~ Complete ~54:PHARMACEUTICAL COMPOSITIONS OF INSULIN DERIVATIVES ~71:Novo Nordisk A/S, Novo Alle 1, BAGSVÆRD 2880, DENMARK, Denmark ~72: CHRISTOFFERSEN, Stig;HOEG-JENSEN, Thomas;HUUS, Kasper;NIELSEN, Peter Kresten;OLSEN, Helle Birk~ 33:EP ~31:23186053.7 ~32:18/07/2023;33:EP ~31:23195708.5 ~32:06/09/2023;33:EP ~31:24162420.4 ~32:08/03/2024

2025/11111 ~ Provisional ~54:A MULTI-KERNEL SOVEREIGN INTELLIGENCE OPERATING SYSTEM WITH CONSTITUTIONAL GOVERNANCE AND METHOD ~71:NKOMAKHANI GROUP (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/11056 ~ Complete ~54:UV-RESPONSIVE INTELLIGENT COLOR-CHANGING GLASS SYSTEM AND WINDOWS THEREOF ~71:Jingwen Zheng, (Shucheng Glasses) 50 Meters Northeast Corner Of Dongying South

Road And Xueyuan Street, Saihan District, Hohhot City, Inner Mongolia, People's Republic of China ~72: Jingwen Zheng;Qinglu Zheng~ 33:CN ~31:202511629623X ~32:08/11/2025

2025/11087 ~ Complete ~54:METHOD AND APPARATUS FOR CAPTURING AUDIO ~71:Koninklijke Philips N.V., High Tech Campus 52, EINDHOVEN 5656 AG, THE NETHERLANDS, Netherlands ~72: BLOEMENDAL, Brian Brand Antonius Johannes;JANSE, Cornelis Pieter;JANSSEN, Rik Jozef Martinus~ 33:EP ~31:23176012.5 ~32:30/05/2023

2025/11105 ~ Complete ~54:ANESTHESIA NEEDLE WITH ADJUSTABLE POSITIONING FOR ANESTHESIA DEPARTMENT ~71:THE SECOND AFFILIATED HOSPITAL OF NANCHANG UNIVERSITY, No.1 Minde Road, Donghu District, Nanchang, Jiangxi, 330008, People's Republic of China ~72: Chunfang Liu;Shenglan Zhang;Xiaolan Hu;Yiping Zhang~

2025/11053 ~ Complete ~54:A DISASSEMBLY FIXTURE FOR FRONT REDUCER OF ROAD ROLLER ~71:China Railway Seventh Group Co., LTD, No.1225, East-Hanghai Road, Zhengzhou, Henan, 450016, People's Republic of China;Overseas Company of China Railway Seventh Bureau Group Co., Ltd., Zone B and D, 3rd Floor, No. 1225 Hanghai East Road, Zhengzhou Economic and Technological Development Zone, Zhengzhou, Henan, 450016, People's Republic of China ~72: Chi Yang;Dongsheng Chang;Haigang Wang;Haitao Yang;Haoxuan Chen;Hongjiang Wang;Hongke Wang;Liang Pan;Ping Lu;Shuguang Wei;Shuqiang Ma;Tao Zhang;Xiaoping Huang;Yang Jiang~ 33:CN ~31:CN202521948456.0 ~32:10/09/2025

2025/11058 ~ Complete ~54:COMPOSITE TREATMENT TECHNOLOGY FOR THE OXIDE LAYER ON THE SURFACE OF TITANIUM ROLLS ~71:HENAN UNIVERSITY OF URBAN CONSTRUCTION, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: LI Fengcui;LI Yuqi;LIU Yu;LIU Haiyan;LOU Tong;SONG Yanping;ZHAO Xingtao~

2025/11062 ~ Complete ~54:INTELLIGENT CONTROL METHOD FOR BUILDING ENERGY CONSUMPTION BASED ON BIG DATA ANALYSIS ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: FAN Yongfeng;FENG Qiaojuan;LI Menghao;SHANG Zhaoyang;WEI Xinhong;YANG Shengyuan;YANG Yan;ZHANG Wenli;ZHAO Hao~

2025/11065 ~ Complete ~54:THERAPEUTIC USES OF TIRZEPATIDE ~71:Eli Lilly and Company, Lilly Corporate Center, INDIANAPOLIS 46206-6288, IN, USA, United States of America ~72: COGHLAN, Matthew Paul;HAUPT, Axel;MURAKAMI, Masahiro;RIESMEYER, Jeffrey Scott~ 33:US ~31:62/967,867 ~32:30/01/2020

2025/11052 ~ Complete ~54:GENETICALLY MODIFIED MICE EXPRESSING CHIMERIC MAJOR HISTOCOMPATIBILITY COMPLEX (MHC) CLASS II MOLECULES ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: GURER, Cagan;MACDONALD, Lynn;MURPHY, Andrew, J.;STEVENS, Sean;TU, Naxin;VORONINA, Vera~ 33:US ~31:61/552,584 ~32:28/10/2011

2025/11066 ~ Complete ~54:RITUXIMAB-RESISTANT CHIMERIC ANTIGEN RECEPTORS AND USES THEREOF ~71:Allogene Therapeutics, Inc., 210 E. Grand Avenue, SOUTH SAN FRANCISCO 94080, CA, USA, United States of America ~72: LEONARD, Mark W.;PERTEL, Thomas Charles;SASU, Barbra Johnson~ 33:US ~31:62/839,455 ~32:26/04/2019;33:US ~31:63/005,041 ~32:03/04/2020

2025/11049 ~ Provisional ~54:SYSTEM AND METHOD FOR POLICY-BOUND SEGREGATION OF PAYROLL FUNDS INTO PROGRAMMABLE ESCROW BALANCES AND MULTI-RAIL, CONDITIONAL DISBURSEMENT USING VERIFIED WAGE SIGNALS, SELECTIVE DISCLOSURE PROOFS, AND AUDIT-CHAIN GOVERNANCE ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2025/11183 ~ Provisional ~54:SYSTEM AND METHOD FOR AN ATM DURESS PIN WITH SILENT ALERT AND AUTOMATED ACCOUNT SECURITY ~71:Dineo Jessica Mofando, 2842 Mhlaba Drive Street Chiawelo, South Africa ~72: Dineo Jessica Mofando;Dineo Jessica Mofando~

2025/11079 ~ Complete ~54:METHOD FOR IN-LINE RAPIDLY AND SYNCHRONOUSLY IMPROVING STRENGTH AND PLASTICITY OF WELD SEAM ~71:CHINA UNIVERSITY OF MINING AND TECHNOLOGY, Nanhu Campus, China University of Mining and Technology, No. 1 University Road, Xuzhou, Jiangsu, 221116, People's Republic of China ~72: CHANG, Keming;CHEN, Yu;CHEN, Zheng;CHU, Xingrong;FAN, Rongxin;FAN, Yu;GAO, Hui;HAN, Jishan;HU, Haohan;JIA, Yizhe;LIN, Shuxia;SUN, Yujiao;SUN, Zhonggang;YAO, Ruidong;ZHANG, Weilong~ 33:CN ~31:202410640441.1 ~32:22/05/2024

2025/11090 ~ Complete ~54:AGRICULTURAL COMPOSITION COMPRISING SURFACTANT(S) AND METHOD OF USE THEREOF ~71:Hercules LLC, 500 Hercules Road, WILMINGTON 19808, DE, USA, United States of America ~72: CHENAULT, Henry Keith;LARSEN, Brian James;MOORE, Kiel Trenton;MUSA, Osama M.~ 33:US ~31:63/503,889 ~32:23/05/2023

2025/11094 ~ Complete ~54:INCONTINENCE ARTICLE WITH PH REGULATOR ~71:PAUL HARTMANN AG, Paul-Hartmann-Strasse 12, Germany ~72: HERZOG, Moritz;SHIMADA, Takahiro~ 33:EP ~31:23180432.9 ~32:20/06/2023

2025/11112 ~ Provisional ~54:AN INTEGRATED, SELF-CONTAINED AEROPONIC GROWING SYSTEM WITH A HORIZONTAL SUMP-CONDUIT AND INTERNAL PUMP ~71:Brian Roy Tinniswood, 46 Brand Street, South Africa;Norman Tinniswood, 46 Brand Street, South Africa ~72: Brian Roy Tinniswood;Norman Tinniswood~

2025/11047 ~ Provisional ~54:SYSTEM AND METHOD FOR WAGE COMPLIANCE ORACLES THAT COMPUTE POLICY-BOUND PAY COMPLIANCE DETERMINATIONS FROM VERIFIED WAGE SIGNALS, GENERATE PRIVACY-PRESERVING COMPLIANCE PROOFS, AND ISSUE ORACLE ATTESTATIONS WITH AUDIT-CHAIN GOVERNANCE FOR FINANCIAL, ESG, AND REGULATORY SYSTEMS ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2025/11048 ~ Provisional ~54:SYSTEMS AND METHODS FOR VARIABLE SELECTION USING A BAYESIAN HIERARCHICAL MODEL INCORPORATING RELAXED L0 REGULARISATION AND FOR INTERACTION SELECTION USING A LOW DIMENSIONAL BASIS AND RELAXED L0 REGULARISATION ~71:ACTUARYAI LIMITED, Chemin Vingt Pieds, 5th Floor, La Croisette, Mauritius ~72: RICHMAN, Ronald~

2025/11055 ~ Complete ~54:PHOTOVOLTAIC NOISE BARRIER LAYOUT AND POWER GENERATION POTENTIAL ASSESSMENT METHOD FOR EXPRESSWAYS ~71:CHANG'AN UNIVERSITY, Middle-section of Nan'er Huan Road, Yanta District, Xi'an City, Shaanxi Province, 710000, People's Republic of China;SHAANXI PROVINCIAL TRANSPORT PLANNING DESIGN AND RESEARCH INSTITUTE CO., LTD., No. 37, Keji Sixth Road, High-tech Zone, Xi'an City, Shaanxi Province, 710000, People's Republic of China ~72: Dongdong YUAN;Gang DONG;Jiabin CHAO;Jingjing XIAO;Shuo ZHANG;Teng WANG;Wei JIANG;Xin ZHAO;Yang LI;Yufei ZHANG;Yujie CAO~ 33:CN ~31:2025113623066 ~32:23/09/2025

2025/11057 ~ Complete ~54:A STANDARDIZED SLIDING TEMPLATE FOR ASPHALT CONCRETE DAM ~71:China Railway Seventh Group Co., LTD, No.1225, East-Hanghai Road, Zhengzhou, Henan, 450016, People's Republic of China;Overseas Company of China Railway Seventh Bureau Group Co., Ltd., Zone B and D, 3rd Floor, No. 1225 Hanghai East Road, Zhengzhou Economic and Technological Development Zone, Zhengzhou, Henan, 450016, People's Republic of China ~72: Chi Yang;Dongsheng Chang;Haigang Wang;Haitao Yang;Haoxuan Chen;Hongjiang Wang;Hongke Wang;Liang Pan;Ping Lu;Shuguang Wei;Shuqiang Ma;Tao Zhang;Xiaoping Huang;Yang Jiang~ 33:CN ~31:CN202521948405.8 ~32:10/09/2025

2025/11060 ~ Complete ~54:A CORNER INSERT FOR A BOX ~71:CORRUSEAL GROUP (PTY) LTD, 14 Joyner Road, Prospecton, South Africa ~72: MEHTA, Rajiv~ 33:ZA ~31:2025/00351 ~32:10/01/2025

2025/11061 ~ Complete ~54:METHOD AND SYSTEM FOR EXTRACTING ANOMALY INFORMATION FROM GEOCHEMICAL DATA ~71:Kunming University of Science and Technology, No. 68, Wenchang Road,121 Street, Kunming, Yunnan, 650093, People's Republic of China ~72: CHEN Aibing;REN Yangyang;SUN Bin;TANG Xueyi;WANG Hao;XU Xiaofei;YAN Yongfeng;YANG Guangshu;YANG Xiantao;ZHANG Wenying;ZHAO Hui~

2025/11068 ~ Complete ~54:AN AUGMENTED REALITY WARDROBE WITH VIRTUAL TRY-ON AND SIZE RECOMMENDATIONS ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: GHUGE, Kalyani;KANJALKAR, Jyoti Pramod;KANJALKAR, Pramod M.;PATWARDHAN, Atharva;PAWAR, Pratik Pandurang;PIDADI, Mrunmayi Shripad;SUTAR, Supriya~

2025/11077 ~ Complete ~54:MANGO FRUIT EXTRACT COMPOSITIONS AND METHODS THEREOF FOR SKIN CARE ~71:SAMI-SABINSA GROUP LIMITED, 19/1 & 19/2, I MAIN, II PHASE, PEENYA INDUSTRIAL AREA, KARNATAKA, BANGALORE 560058, INDIA, India ~72: ANSARI, Mohammad, Mansoor;KHADAR, Syed, Musthafa;MAJEED, Anju;MAJEED, Shaheen;MUNDKUR, Lakshmi~ 33:IN ~31:202341036706 ~32:27/05/2023

2025/11081 ~ Complete ~54:GENERATING INTERACTIVE AND IMMERSIVE VIRTUAL AND AUGMENTED REALITY ENVIRONMENTS CORRESPONDING TO DIGITAL TWINS OF REAL-LIFE ELEMENTS ~71:META LIVE INC., Suite 1500, 710 West Georgia Street, Canada ~72: MYERS, Allison~ 33:US ~31:63/504,614 ~32:26/05/2023

2025/11099 ~ Complete ~54:POWER DEVICE AND VEHICLE ~71:CHERY AUTOMOBILE CO., LTD., No. 8, Changchun Road, Economy & Technology Development Zone, Wuhu, 241006, Anhui, People's Republic of China ~72: SHENGLIN GAN;WEI WANG;XIANGZHOU KONG;YANYAN HAN;YIJING ZHANG~ 33:CN ~31:202410774693.3 ~32:17/06/2024

2025/11107 ~ Complete ~54:STATIC SCREENING SYSTEM AND METHODS ~71:DERRICK CORPORATION, 590 Duke Road, Buffalo, United States of America ~72: COLGROVE, James;COLLINS, Layne;GELES, Glenn;WALLESHAUSER, Zachery~ 33:US ~31:63/504,962 ~32:30/05/2023

2025/11109 ~ Provisional ~54:MUTLI FUNCTIONAL MACHINE ~71:Mr Vuyo Matobako, 29295 Khayelitsha Grasslands Bloemfontein, South Africa ~72: Mr Vuyo Matobako~

2025/11075 ~ Complete ~54:METHODS FOR MEASURING METABOLIC DYSFUNCTION OR RISK OR PRESENCE OF AN AGE-ASSOCIATED DISEASE ~71:LOYAL ANIMAL HEALTH, INC., 5473 Blair Rd Ste 100, #26099, United States of America ~72: GRAVES, Jessica;GREENWOOD, Karen;HALIOUA-HAUBOLD, Celine-Lea;JUAREZ-SALINAS, Dina;PELOQUIN, Matthew~ 33:US ~31:63/509,964 ~32:23/06/2023;33:US ~31:63/602,871 ~32:27/11/2023

2025/11182 ~ Provisional ~54:PAT GENERATOR ~71:Sebastian Snyman, Soetmelkvlei Farm, South Africa ~72: Carel Sebastian Snyman~

2025/11122 ~ Complete ~54:ENRICHED AIR DELIVERY DEVICE ~71:BIOW EXPOSOMICS, S.L., Calle Michel Faraday, 75 (naves 9 y 10), Spain ~72: LLANA GARCÍA, Pedro Luis~ 33:EP ~31:24383469.4 ~32:27/12/2024

. - APPLIED ON 2025/12/23 -

2025/11128 ~ Complete ~54:A METHOD FOR PREPARING SURFACE-MODIFIED MAGNESIUM HYDROXIDE WHISKERS AND USE THEREOF ~71:Hebei Meishen Tech Co Ltd., No. 0018, West Side of Chuangye Avenue,

Guangzong County, Xingtai City, Hebei Province, 054600, People's Republic of China ~72: Huanhuan GUO;Liheng BI;Mengyong SUN;Sizhao XING;Xuan XING;Xuemei BAI~ 33:CN ~31:202511784850X ~32:29/11/2025

2025/11133 ~ Complete ~54:METHOD FOR COMPLIANCE REVIEW OF INTELLECTUAL PROPERTY LAW BASED ON INTELLIGENT ANALYSIS ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: GAO Qiongqiong;GUO Yizhen;LI Yanke~

2025/11142 ~ Complete ~54:ANTITUMOR COMBINATIONS CONTAINING ANTI-CEACAM5 ANTIBODY-DRUG CONJUGATES, ANTI-PD1/PD-L1 ANTIBODIES AND ANTI-CTLA4 ANTIBODIES ~71:SANOFI, 46 avenue de la Grande Armée, France ~72: CHADJAA, Mustapha;NICOLAZZI, Céline~ 33:EP ~31:23305883.3 ~32:05/06/2023

2025/11148 ~ Complete ~54:DISINFECTANT AND SPORICIDAL COMPOSITION CONTAINING A LOW CONCENTRATION OF GLUTARALDEHYDE FOR CLEANING AND DISINFECTION OF MEDICAL, VETERINARY OR INDUSTRIAL EQUIPMENT ~71:MEDIVICAN, S.L., Calle Barcas, 2 - 2º 46002, Spain ~72: HERRUZO CABRERA, Rafael~ 33:ES ~31:PCT/ES2023/070377 ~32:06/06/2023

2025/11158 ~ Complete ~54:DOSAGE REGIMENS FOR THE TREATMENT OF AUTOIMMUNE AND INFLAMMATORY DISEASES USING LY3871801 ~71:Eli Lilly and Company, Lilly Corporate Centre, INDIANAPOLIS 46285, IN, USA, United States of America;Rigel Pharmaceuticals, Inc., 611 Gateway Boulevard, Suite 900, SOUTH SAN FRANCISCO 94080, CA, USA, United States of America ~72: ABERNATHY, Matthew M.;CHOW, Tak Cheung Andrew;DAIRAGHI, Daniel;KIELBASA, William;MASUDA, Esteban;SPERRY, David Charles;TAYLOR, Vanessa Claire;TUTTLE, Jay L.;VENDEL, Andrew Charles~ 33:US ~31:63/510,196 ~32:26/06/2023

2025/11162 ~ Complete ~54:SPIROMACROCYCLIC OREXIN 2 RECEPTOR AGONISTS ~71:H. LUNDBECK A/S, Ottiliavej 9, 2500 Valby, Denmark ~72: ANDERS HØJGAARD HANSEN;ANDREAS MICHAEL ARNOLD;ERHAD ASCIC;FERRAN PLANAS PADRÓS;GITTE KOBBERØE MIKKELSEN;HENRIK JUHANI KERÄNEN;KARSTEN JUHL;MICHAEL BÆK;PETRA LINDOVSKÁ;THOMAS LEEGAARD ANDERSEN;WANWAN YU~ 33:EP ~31:23176747.6 ~32:01/06/2023;33:EP ~31:24174838.3 ~32:08/05/2024

2025/11114 ~ Provisional ~54:SYSTEMS AND METHODS FOR COMPUTING, ASSURING, AND DISCLOSING A STANDARDIZED LIVING-WAGE CONTRIBUTION SCORE FOR EMPLOYERS AND VALUE CHAINS, WITH PRIVACY-PRESERVING VERIFICATION AND MULTI-JURISDICTIONAL COMPLIANCE ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2025/11121 ~ Provisional ~54:REDROOT FEEDBACK SPINE (RFS) ~71:7 SLASH INNOVATIONS, 58 Van Den Heever Street, South Africa ~72: Thabang Timothy Mambalo~

2025/11178 ~ Complete ~54:RAS INHIBITORS ~71:REVOLUTION MEDICINES, INC., 700 Saginaw Drive, Redwood City, California, 94063, United States of America ~72: ADRIAN L GILL;AIDAN TOMLINSON;ANDREAS BUCKL;DYLAN E PARSONS;ELENA S KOLTUN;G. LESLIE BURNETT;JAMES CREGG;JOHN E KNOX~ 33:US ~31:63/469,283 ~32:26/05/2023

2025/11159 ~ Complete ~54:MECHANICAL NON-WOOD PULP ~71:Kimberly-Clark Worldwide, Inc., 2300 Winchester Road, NEENAH 54956, WI, USA, United States of America ~72: KYKER, Tatiana;SHANNON, Thomas G.;YU, Zhiying Emmy~ 33:US ~31:63/469,911 ~32:31/05/2023

2025/11172 ~ Complete ~54:MIXTURE OF 3 ISOMERS OF A PHTHALOCYANINE DERIVATIVE ~71:L. MOLTENI & C. DEI FRATELLI ALITTI - SOCIETA' DI ESERCIZIO S.P.A., Strada Statale 67 – Tosco-Romagnola,

Frazione Granatieri, Italy ~72: ANNALISA COCCHI;GABRIO RONCUCCI;GIANLUCA SOLDAINI;MOIRA MUNICCHI~ 33:IT ~31:102023000011709 ~32:08/06/2023

2025/11129 ~ Complete ~54:GUIDE SIGN EXPERIMENTAL TESTING DEVICE ~71:KUNMING UNIVERSITY, No. 2, Puxin Road, Kunming Economic and Technological Development Zone, Kunming City, Yunnan Province, 650214, People's Republic of China ~72: Li ZHU~ 33:CN ~31:2025226448588 ~32:13/12/2025

2025/11136 ~ Complete ~54:HIGH-EFFICIENCY SILAGE CORN COMPOUND MICROBIAL STARTER CULTURE ~71:Shihezi University, No.221 Beisi Road, Shihezi, Xinjiang Uygur Autonomous Region, 832000, People's Republic of China ~72: Changhao LI;Chunhui MA;Chunying JIA;Fanfan ZHANG;Li ZHANG;Rongzheng HUANG;Shuangming LI;Xuzhe WANG~

2025/11146 ~ Complete ~54:A HUMANOID MECHANICAL DOUBLE-ARM WITH SEVEN DEGREES OF FREEDOM ~71:ROBOTICS RESEARCH CENTER OF YUYAO CITY, 12th Floor Of Kechuang Building, No.479, Yeshan Road, Fengshan Street, Yuyao, Ningbo, Zhejiang, 315400, People's Republic of China;ZHEJIANG UNIVERSITY, No.866, Yuhangtang Road, Xihu District, Hangzhou, Zhejiang, 310013, People's Republic of China ~72: HASSEN Nigatu;LU Guodong;SHI Gaokun;WANG Zhijian;ZHENG Zhen;ZHU Ke~ 33:CN ~31:202411767905.1 ~32:04/12/2024

2025/11149 ~ Complete ~54:METHODS FOR TREATING SSTR POSITIVE CANCER ~71:RayzeBio, Inc., 5505 Morehouse Dr, Suite 300, SAN DIEGO 92121, CA, USA, United States of America ~72: ARANGIO, Susan;FERREIRA, Denis Vasconcelos;KIM, Daniel;SONG, Ken~ 33:US ~31:63/504,696 ~32:26/05/2023;33:IB ~31:2023/024352 ~32:02/06/2023;33:US ~31:63/622,465 ~32:18/01/2024

2025/11170 ~ Complete ~54:METHOD OF MODULATING MRNA TRANSLATION ~71:YALE UNIVERSITY, Two Whitney Avenue, New Haven, Connecticut, 06510, United States of America ~72: CARSON THOREEN;COLE LEWIS;WENDY GILBERT~ 33:US ~31:63/503,837 ~32:23/05/2023

2025/11179 ~ Complete ~54:TRANSPORTATION FRAME, SUPPORT AND TRANSPORTATION APPARATUS, TRANSPORTATION SYSTEM, WIND FARM AND WIND TURBINE GENERATOR SET ~71:Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd., No. 19, Kangding Road, Beijing Economic & Technological Development Zone, Daxing District, BEIJING 100176, CHINA (P.R.C.), People's Republic of China ~72: BAO, Jiyou;WANG, Peng;YANG, Guangdong~ 33:CN ~31:202422158798.4 ~32:03/09/2024

2025/11156 ~ Complete ~54:PYRAZOLO-PYRIMIDINONE COMPOUNDS FOR USE IN METHODS OF INHIBITING WEE1 A KINASE ~71:Acrivon Therapeutics, Inc., 480 Arsenal Way, Suite 100, WATERTOWN 02472 , MA, USA, United States of America ~72: AF ROSENSCHÖLD, Magnus Munck;BORGSTRÖM, Björn;BRIMERT, Lars Thomas;JUNG, Joon O.;JÖNSSON, Hans Mattias;LAURSEN, Mette;NILSSON, Åsa Helén;PAULSEN, Filip Alexander;PROIA, David;RAJABI, Nima;SEVENSSON, Bo Roger;SHI, Lei;VAN DUZER, John Henry;WIGERUP, Caroline Maria;ÖHLANDER, Andrea~ 33:US ~31:63/472,105 ~32:09/06/2023;33:US ~31:63/608,086 ~32:08/12/2023;33:US ~31:63/635,197 ~32:17/04/2024

2025/11154 ~ Complete ~54:DOUBLE WALL LANCE FOR INJECTING REDUCING AGENT AND OXYGEN THROUGH A TUYERE IN A BLAST FURNACE ~71:Arcelormittal, 24-26 Boulevard d''Avranches, LUXEMBOURG L-1160, LUXEMBOURG, Luxembourg;CNRS Centre National de la Recherche Scientifique, 3 rue Michel Ange, Cedex 16, PARIS 75794, FRANCE, France;INSA Institut National des Sciences Appliquees de Rouen, Avenue de l''Université, SAINT ETIENNE DU ROUVRAY 76800, FRANCE, France;Universite de Rouen-Normandie, 1 rue Thomas Becket, MONT SAINT AIGNAN CEDEX 76821, FRANCE, France ~72: BARNAUD, Camille;DODIER, Eric;DOMINGO, Pascale;GHAZAL, Ghassan;NGUYEN, Phuc Danh;SERT, Dominique;VERVISCH, Luc~

2025/11175 ~ Complete ~54:SOD1-MODULATING COMPOSITIONS AND METHODS OF USE THEREOF ~71:ADARX PHARMACEUTICALS, INC., 5871 Oberlin Drive Suite 200, San Diego, California, 92121, United States of America ~72: BO CHENG;HUEY-JING HUANG;RUI ZHU;ZHEN LI~ 33:US ~31:63/504,692 ~32:26/05/2023;33:US ~31:63/510,090 ~32:23/06/2023;33:US ~31:63/613,687 ~32:21/12/2023

2025/11180 ~ Provisional ~54:TARGETED FINGERTIP PROTECTION DEVICE ~71:RADHE STRINGER, 2 EGLIN ROAD, SUNNINGHILL, SANDTON,, South Africa;VASUDEV STRINGER, 2 EGLIN ROAD, SUNNINGHILL, SANDTON,, South Africa ~72: RADHE STRINGER;VASUDEV STRINGER~

2025/11115 ~ Provisional ~54:WELLNESS MANAGEMENT SYSTEM ~71:SAUER, Jarryd, Ryan, 55 PALOMINO COMPLEX, EQUESTRIA, OUKLIPMUUR STREET, PRETORIA, SOUTH AFRICA, South Africa;ZACHARIAS, George, 515 BIETOU STREET, ERASMUSKLOOF, PRETORIA, 0181, SOUTH AFRICA, South Africa ~72: SAUER, Jarryd, Ryan;ZACHARIAS, George~

2025/11173 ~ Complete ~54:DOUBLE-STRANDED SIRNA, CONJUGATE THEREOF AND USE THEREOF ~71:CMS RESEARCH & DEVELOPMENT PTE. LTD., 1 Coleman Street, The Adelphi #08-01, Singapore, 179803, Singapore ~72: HAIYING HE;HUIJUN HE;JIANYU LU;SHUHUI CHEN;YANBIN HU~ 33:CN ~31:202310598735.8 ~32:24/05/2023;33:CN ~31:202311140396.5 ~32:05/09/2023;33:CN ~31:202311601195.0 ~32:27/11/2023;33:CN ~31:202410112975.7 ~32:25/01/2024;33:CN ~31:202410505495.7 ~32:25/04/2024;33:CN ~31:202410621293.9 ~32:17/05/2024

2025/11174 ~ Complete ~54:GPX4 INHIBITORS AND SENOLYTIC COMPOUNDS AND USES THEREOF ~71:RUBEDO LIFE SCIENCES, INC., 319 North Bernardo Avenue, Mountain View, California, 94043, United States of America ~72: ALBERTO CLEMENTE VITARI;JULIAN DANIEL DIETMAR KLEIN;MARCO QUARTA;MICHAEL HADD;OFIR MORENO;PAUL KEITZ;YONGXIAN ZHUANG~ 33:US ~31:63/505,128 ~32:31/05/2023;33:US ~31:63/567,749 ~32:20/03/2024;33:US ~31:63/572,605 ~32:01/04/2024

2025/11137 ~ Complete ~54:METHOD FOR FORMING STRUCTURAL STEEL MOLD FORGING WITH A “TURTLE SHELL”-LIKE STRUCTURE AND RAISED CHARACTERS ~71:Shaanxi Hongyuan Aviation Forging Company Ltd., Technical Center, Mailbox No. 2, Sanyuan County, Xianyang, People's Republic of China ~72: Ke WANG;Min GUO;Wenjun GE;Yi MA;Yupei WANG~ 33:CN ~31:202510890574.9 ~32:30/06/2025

2025/11118 ~ Provisional ~54:CONTAINER ~71:SAAD, PAUL, c/o 39 Sloane Street, Bryanston, South Africa ~72: STEINHOBEL, Brian Arthur~

2025/11171 ~ Complete ~54:COMPLEX ~71:UNITED IMMUNITY, CO., LTD., 1-12-3, Nihonbashi-Muromachi, Chuo-ku, Tokyo, 1030022, Japan ~72: AYAKA MATSUMOTO;NAOZUMI HARADA;TADASHI INOUE;TAKATOSHI SOGA~ 33:JP ~31:2023-090696 ~32:01/06/2023;33:JP ~31:2023-155586 ~32:21/09/2023

2025/11168 ~ Complete ~54:TRAIN CONTROL SYSTEM ~71:CRRC YONGJI ELECTRIC CO., LTD, No. 18 Dianji Street, Yongji, Yuncheng, Shanxi, 044502, People's Republic of China ~72: CONGQIAN XU;GUO LIU;LIANFENG MA;LU YANG;MINGTAO ZHANG;YAKUN XU~ 33:CN ~31:202311825148.4 ~32:27/12/2023

2025/11184 ~ Provisional ~54:SYSTEM AND METHOD FOR MANAGING SUBSCRIPTION-BASED AND TRANSACTIONAL VEHICLE CLEANING SERVICES ACROSS MULTIPLE SERVICE PROVIDERS WITH DIGITAL VERIFICATION, ROLE-BASED ACCESS CONTROL, AND HYBRID PAYMENT HANDLING ~71:Courtesy Services Pty Ltd, 2 Remhoogte Street, Voorbrug, Delft, South Africa ~72: Austin Cameron~

2025/11117 ~ Provisional ~54:FLAME WATER DISTILLATION CASCADE (FWDC) ~71:7 SLASH INNOVATIONS, 58 Van Den Heever Street, South Africa ~72: Thabang Timothy Mambalo~

2025/11124 ~ Complete ~54:MACHINE LEARNING-BASED METHOD FOR MONITORING ENTERPRISE COMPLIANCE BEHAVIORS ~71:China FIRST Metallurgical Group Co., Ltd., Block 36, Qingshan District (Yiye Science and Technology Building,No.3 Gongye Road, Qingshan District), Wuhan City, Hubei Province, 430081, People's Republic of China;China Pingmei Shenma Energy Chemical Group Co., Ltd., No.21 Yard, Miner Middle Road, Xinhua District, Pingdingshan City, Henan Province, 467099, People's Republic of China;Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: GUO Yizhen;LI Haifeng;LI Yanke;XU Caihong;XUAN Lijuan;YANG Fang;ZHANG Hao;ZHAO Kehui;ZONG Chenyang~

2025/11126 ~ Complete ~54:PROJECT RISK TRACING AND CONTROL MANAGEMENT SYSTEM BASED ON DIGITAL CAUSAL INFERENCE ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467041, People's Republic of China ~72: DONG, Xiaofeng;JIAO, Lichao;MENG, Xiaoyu;SHANG, Kejian;WANG, Zhijia;WU, Wenlong;YU, Mingqi~

2025/11135 ~ Complete ~54:HIGH-EFFICIENCY HEAT-DISSIPATING COPPER CONDUCTOR FOR LARGE CROSS-SECTION LIQUID-COOLED CABLES AND MANUFACTURING METHOD THEREOF ~71:ShangHai FeiHang Wire And Cable Co.Ltd, No. 688, Yuyang Road, Songjiang District, Shanghai, 201600, People's Republic of China ~72: BIAN, Lifan;CHENG, Sheng;HOU, Yibo;HU, Aibin;HU, Chaodong;LU, Jiahuan;SONG, Tao;YUAN, Lei~

2025/11145 ~ Complete ~54:REFUSE BAG ROLL, REFUSE DISPOSAL SYSTEM, METHOD FOR DISPOSING OF REFUSE, AND METHOD FOR PROVIDING A REFUSE BAG ROLL ~71:MARCUS TROJAN GMBH, Rochstrasse 1, Germany ~72: TROJAN, Marcus~ 33:EP ~31:23184832.6 ~32:11/07/2023

2025/11166 ~ Complete ~54:PERMANENT MAGNET ELECTRIC MOTOR, ELECTRIC MOTOR ROTOR SYSTEM, AND MANUFACTURING METHOD THEREFOR ~71:CRRC YONGJI ELECTRIC CO., LTD, No. 18 Dianji Street, Yongji, Yuncheng, Shanxi, 044502, People's Republic of China ~72: CONG PANG;GUANFANG LIU;MING CHENG;RUIZE YUAN;SHANG SANG;WEI NI;WEI SUN;ZHIXUE HE~ 33:CN ~31:202311626223.4 ~32:30/11/2023

2025/11181 ~ Provisional ~54:INTEGRATED SYSTEM AND METHOD FOR PRODUCING NUTRIENT-DENSE STAPLE FOODS AND PLANT-BASED PROTEIN PRODUCTS ~71:NKOMAKHANI FOOD SOLUTIONS (PTY) LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH,, South Africa ~72: MODISE REX SEEMELA~

2025/11116 ~ Provisional ~54:TANGENTIAL FORCE MAXIMIZER ~71:Granville Emlyn Julius, 7 Sunningdale drive, South Africa ~72: Granville Emlyn Julius~

2025/11131 ~ Complete ~54:SYSTEM FOR AUDITING AND ANALYZING USAGE COMPLIANCE OF BUDGETS AND MATERIALS OF ADMINISTRATIVE INSTITUTIONS ~71:Jinggangshan University, Jinggangshan University, No. 28 Xueyuan Road, Qingyuan District, Ji'an City, Jiangxi Province, 343009, People's Republic of China ~72: PENG, Jianhua;PENG, Wei;PENG, Ye~

2025/11138 ~ Complete ~54:METHOD AND SYSTEM FOR EXTRACTING NATURAL RESOURCE ELEMENT BY COUPLING SPECTRAL FEATURE AND DRY-WET FEATURE ~71:AEROSPACE INFORMATION RESEARCH INSTITUTE, CHINESE ACADEMY OF SCIENCES, No. 19 Beisihuan West Road, Haidian District, Beijing, 100190, People's Republic of China ~72: DAILIANG PENG;ENHUI CHENG;HONGCHI ZHANG;Hongyan Wang;INKANG HU;KE LIU;YIZHOU ZHANG;YULONG LV;ZIHANG LOU~ 33:CN ~31:202511167944.2 ~32:20/08/2025

2025/11139 ~ Complete ~54:HIGH-PRECISION CALIBRATION DEVICE FOR ASPHALT KINEMATIC VISCOSITY TESTER ~71:RESEARCH INSTITUTE OF HIGH WAY, MINISTRY OF TRANSPORTATION, No. 8,

Xitucheng Road, Haidian District, Beijing, 100088, People's Republic of China ~72: HUAIJUN LI;HUISEN XIA;JIACHENG CAI;JING ZHU;LU LIU;NA MIAO;XIAOJUN DENG;YISHU ZHOU~ 33:CN ~31:202510426234.0 ~32:07/04/2025

2025/11144 ~ Complete ~54:TREATMENT OF CHRONIC PAIN OR GASTROINTESTINAL DISORDERS USING BUPRENORPHINE DIMER ~71:DIMERX, INC., 806 Denise Court, Mill Valley, United States of America ~72: SINGH, Nikhilesh~ 33:US ~31:63/512,783 ~32:10/07/2023;33:US ~31:63/568,538 ~32:22/03/2024

2025/11165 ~ Complete ~54:INTEGRATED SYSTEM FOR DRYING, MIXING, AND VACUUM PACKAGING OF STERILIZING OXYGEN ABSORBER ~71:KING-TECH CHINA CO., LTD, 7# Kaiping Road, Dongping Industrial Zone, Lishui District, Nanjing, Jiangsu, 211200, People's Republic of China ~72: WENQIANG PAN;XIANTAO TONG;XIAOYIN KONG~ 33:CN ~31:202510200053.6 ~32:24/02/2025

2025/11153 ~ Complete ~54:RADIOPHARMACEUTICAL COMPOSITIONS TARGETING GLYPICAN-3 AND USES THEREOF ~71:RayzeBio, Inc., 5505 Morehouse Dr, Suite 300, SAN DIEGO 92121, CA, USA, United States of America ~72: BHAT, Abhijit;EHARA, Takeru;HE, Rongjun;KOMURA, Rie;MIZUKOSHI, Yoshihide;MORIMOTO, Kouki;NAGASAWA, Takayuki;NONCOVICH, Alain;OHUCHI, Masaki;TAKUWA, Masatoshi;YANAGIDA, Hayato~ 33:US ~31:63/506,721 ~32:07/06/2023

2025/11127 ~ Complete ~54:MULTIFUNCTIONAL ORAL MIRROR FOR STOMATOLOGY AND USE METHOD THEREOF ~71:North China University of Science and Technology Affiliated Hospital, No.73 Jianshe South Road, Lubei District, Tangshan, Hebei Province, 063000, People's Republic of China ~72: Yang WANG~ 33:CN ~31:2025118758572 ~32:12/12/2025

2025/11125 ~ Complete ~54:METHOD AND SYSTEM FOR BIG DATA VISUAL CONFIGURATION ~71:Zhejiang Yunye Technology Co., Ltd., Room A-101, Building B, No. 91 Tiancheng Road, Shangcheng District, Hangzhou City, Zhejiang Province, 310000, People's Republic of China ~72: LI, Feijun;LIN, Weifeng;WU, Yeting~ 33:CN ~31:202511457519.7 ~32:13/10/2025

2025/11140 ~ Complete ~54:EMBOLIC PROTECTION DEVICE AND EMBOLIC PROTECTION CATHETER ~71:SHENZHEN NEW YEAPRO INTERVENTIONAL MEDICAL TECHNOLOGY CO., LTD, Room 206, Building 10, Shenzhen Biopharmaceutical Innovation Industrial Park, Pingshan District, People's Republic of China;SHENZHEN YEAPRO INDUSTRIAL CO., LTD, Room 101, Building 5, Shenzhen Biopharmaceutical Innovation Industrial Park, Pingshan District, People's Republic of China ~72: CHEN, Bo;DENG, Xinwang;LI, Hao;WANG, Shuhan;XIA, Yuming;XIANG, Dongdong;ZHAO, Ting~ 33:CN ~31:202510294157.8 ~32:13/03/2025

2025/11169 ~ Complete ~54:DYNAMIC SYSTEM AND METHOD FOR DELIVERY TO A MOVING CUSTOMER FOR A DELIVERY ~71:STORYVILLE COFFEE COMPANY LLC, 9459 Coppertop Loop NE Bainbridge Island, Washington, 98110, United States of America ~72: JONATHAN D PHELPS~ 33:US ~31:63/469,259 ~32:26/05/2023;33:US ~31:63/533,441 ~32:18/08/2023

2025/11123 ~ Complete ~54:PLANT OIL HAVING HIGH LAURIC ACID CONTENT WITH ANTIOXIDANT ACTIVITY AND PREPARATION METHOD THEREOF ~71:GUANGXI GENGYUAN FLAVOR AND FRAGRANCE CO., LTD., No. 168, Xinggui Road, Malu Town, Dongxing City, Fangchenggang City, People's Republic of China;GUANGXI UNIVERSITY OF CHINESE MEDICINE, No. 13, Wuhe Avenue, Qingxiu District, Nanning City, People's Republic of China ~72: Geng CHEN;Qiyu WEN;Wenyue LI;Xiaozhen NONG;Zuohui ZHANG~

2025/11130 ~ Complete ~54:OPTIMIZATION SCHEDULING METHOD OF BUILDING ENERGY CONSUMPTION BASED ON DATA MINING AND MACHINE LEARNING ~71:Jilin Jianzhu University, No. 5088 Xincheng Street, Changchun City, Jilin Province, 130119, People's Republic of China ~72: GUO Xinyi;KONG Lingzhu;XU Jinyun;ZHANG Hengfei;ZHOU Yupeng~

2025/11134 ~ Complete ~54:METHOD AND SYSTEM FOR PROCESSING AND DEVIATION ANALYSIS OF REMOVABLE PARTIAL DENTURE MODEL ~71:Affiliated Stomatology Hospital of Nanjing Medical University, 1 Shanghai Road, Gulou District, Nanjing, Jiangsu, 210029, People's Republic of China ~72: Chen CHEN;Haifeng XIE;Xinyu YANG;Yumin WU~ 33:CN ~31:202510055851.4 ~32:14/01/2025

2025/11143 ~ Complete ~54:INTELLIGENT AUTOMATIC-ASSEMBLY AUTOMOTIVE REPAIR TOOLBOX AND CONTROL METHOD THEREFOR ~71:CHENGDU AERONAUTIC POLYTECHNIC, No. 699, 7th East Road, Checheng, Longquan Yi District, Chengdu, Sichuan, 610100, People's Republic of China ~72: HUANG, Yu;LEI, Hang;LIANG, Yafeng;LIAO, Tao;SHI, Wenli;XIE, Wen;YUAN, Liang;ZHANG, Ruibin;ZHOU, Yang;ZOU, Yamei~ 33:CN ~31:202410890447.4 ~32:04/07/2024

2025/11150 ~ Complete ~54:RECTANGULAR TUBULAR CONDUCTOR BUSBAR WITH SOLID CORE AND INTERNAL HEAT DISSIPATION ~71:FRANCISQUINI, Melquisedec, Rua Duarte da Costa, 2052, SÃO PAULO II 06706060, COTIA, BRAZIL, Brazil ~72: FRANCISQUINI, Melquisedec~ 33:BR ~31:1020230109500 ~32:02/06/2023

2025/11155 ~ Complete ~54:SUBSTITUTED HETEROCYCLES AND USES THEREOF ~71:Kumquat Biosciences Inc., 10770 Wateridge Circle, Suite 120, SAN DIEGO 92121, CA, USA, United States of America ~72: HE, Xiaohui;LI, Liansheng;LI, Xiaoming;REN, Pingda;WU, Baogen~ 33:US ~31:63/506,493 ~32:06/06/2023;33:US ~31:63/582,474 ~32:13/09/2023;33:US ~31:63/597,315 ~32:08/11/2023

2025/11161 ~ Complete ~54:OPTIMIZE AN ENERGY STORAGE SYSTEM OF PHOTO-VOLTAIC COUPLED WITH BATTERY ~71:LT (USA) CORPORATION, 3115 Stephen Drive, Edinburg, Texas, 78539, United States of America ~72: GEOFFREY WEN-TAI SHUY;HSIN-CHEN LAI~ 33:US ~31:18/325,862 ~32:30/05/2023

2025/11113 ~ Provisional ~54:A BIODEGRADABLE, SULFATE-FREE, NON-TOXIC PET SHAMPOO COMPOSITION, MANUFACTURING METHOD, AND PACKAGING SYSTEM ~71:PINEL MOTSWAGOLE, 98 SILVERLEAF STREET, South Africa ~72: Pinel Motswagole~

2025/11119 ~ Provisional ~54:A CONVERTIBLE CATTLE RAIL AND CANOPY SYSTEM FOR A VEHICLE LOAD BED ~71:DENGCO (PTY) LTD, Effingham Farm, Dalton, 3236, South Africa ~72: THOMAS MATTHEW WOERNER~

2025/11132 ~ Complete ~54:TEXT COMPARISON-BASED EVIDENCE ASSOCIATION METHOD FOR TORT LIABILITY LAW ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: GUO Yizhen;ZHANG Haoran;ZHAO Kehui~

2025/11152 ~ Complete ~54:COATED GRANULAR FERTILIZERS WITH IMPROVED QUALITY METRICS ~71:The Mosaic Company, 101 East Kennedy Blvd, Suite 2500, TAMPA 33602 , FL, USA, United States of America ~72: BAIRD, Roslyn;DEGRYSE, Jozefien;KABIRI, Shervin;MCLAUGHLIN, Michael;NELSON, Jesse;RICHARDS, Addison;RINAS, Kimberly~ 33:US ~31:63/504,120 ~32:24/05/2023

2025/11163 ~ Complete ~54:METHOD FOR PURIFYING AN IMMUNOGLOBULIN G DEGRADING ENZYME (IDES) FROM STREPTOCOCCUS PYOGENES ~71:VIVET THERAPEUTICS, 61 rue de Lyon, 75012, Paris, France ~72: ANNE DOUAR;GAËL STEPHANT;VINCENT MONCHOIS~ 33:EP ~31:23306196.9 ~32:12/07/2023

2025/11176 ~ Complete ~54:CHAIR EXERCISE APPARATUS ~71:BALANCED BODY, INC., 5909 88th Street, Sacramento, California, 95828, United States of America ~72: HARBIR SINGH;KEN ENDELMAN;YUNHUI LIU~ 33:US ~31:18/327,956 ~32:02/06/2023

2025/11177 ~ Complete ~54:ANTIBODIES AND ANTIBODY-DRUG CONJUGATES THEREOF ~71:MULTITUDE THERAPEUTICS INC., 101, 201, 301, 401, Unit 10, No.159 Tianzhou Road, Xuhui District Shanghai, 200233, People's Republic of China ~72: JING SHI;SHU-HUI LIU;XUN MENG~ 33:CN ~31:PCT/CN2023/095996 ~32:24/05/2023;33:CN ~31:PCT/CN2024/090022 ~32:26/04/2024

2025/11147 ~ Complete ~54:HYBRID DEVICE FOR NON-DESTRUCTIVE INSPECTION OF A PIPE, ASSOCIATED INSPECTION SYSTEM AND INSPECTION METHOD ~71:INTERCONTROLE, 54-56 Rue D'Arcueil, France ~72: BUCHAILLARD, Emilien;PAON, Alexandre;ROBLIN, Anthony;SKOPINSKI, Clément~ 33:FR ~31:FR2307481 ~32:12/07/2023

2025/11160 ~ Complete ~54:NON-WOOD PULP ~71:Kimberly-Clark Worldwide, Inc., 2300 Winchester Road, NEENAH 54956, WI, USA, United States of America ~72: KYKER, Tatiana;SHANNON, Thomas G.;YU, Zhiying Emmy~ 33:US ~31:63/469,900 ~32:31/05/2023

2025/11120 ~ Provisional ~54:NEO SMART VALVE GEYSER ~71:Neo, 01 Park Crescent Germiston South, South Africa ~72: Neo Mathews Midaka~

2025/11141 ~ Complete ~54:CUTTING BALLOON CATHETER ~71:SHENZHEN YEAPRO INDUSTRIAL CO., LTD, Room 101, Building 5, Shenzhen Biopharmaceutical Innovation Industrial Park, Pingshan District, People's Republic of China ~72: DENG, Jianhua;FU, Shangzhou;KONG, Bin;XIANG, Dongdong~ 33:CN ~31:202510131235.2 ~32:06/02/2025

2025/11151 ~ Complete ~54:PHARMACEUTICAL COMPOSITIONS ~71:AstraZeneca AB, SÖDERTÄLJE SE-151 85, SWEDEN, Sweden ~72: AL HUSBAN, Farhan Abdel Karim Mohammad;MORGAN, Tomos Rees~ 33:EP ~31:23175788.1 ~32:26/05/2023

2025/11157 ~ Complete ~54:AGENTS FOR TREATING DISORDERS INVOLVING RYANODINE RECEPTORS ~71:RyCarma Therapeutics, Inc., c/o Forbion, 200 Clarendon Street, 22nd Floor, BOSTON 02116, MA, USA, United States of America ~72: BELVEDERE, Sandro;CHENG, Zhenzhuang;KONTES, Ferenc~ 33:US ~31:63/523,439 ~32:27/06/2023

2025/11164 ~ Complete ~54:A MAGNETIC SEPARATION AND IMPURITY REMOVAL APPARATUS FOR OXYGEN-ABSORBING MASTERBATCH PRODUCTION ~71:KING-TECH CHINA CO., LTD, 7# Kaiping Road, Dongping Industrial Zone, Lishui District, Nanjing, Jiangsu, 211200, People's Republic of China ~72: QIMENG TIAN;SHUN LI;WENQIANG PAN;XIANTAO TONG;XIJUN ZHANG~ 33:CN ~31:202510220251.9 ~32:27/02/2025

2025/11167 ~ Complete ~54:TRACTION AND AUXILIARY CONVERTER STRUCTURE FOR 400 KM/H ELECTRIC MULTIPLE UNIT ~71:CRRC YONGJI ELECTRIC CO., LTD, No. 18 Dianji Street, Yongji, Yuncheng, Shanxi, 044502, People's Republic of China ~72: GANG WEI;JINGQUAN ZHANG;MINGTAO ZHANG;NA ZHAO;XUYANG ZHENG~ 33:CN ~31:202311791023.4 ~32:25/12/2023

. - APPLIED ON 2026/01/05 -

2026/00130 ~ Complete ~54:A BLOCKCHAIN-BASED POLLUTION TRACEABILITY AND EARLY WARNING METHOD AND SYSTEM FOR THE WHOLE PROCESS OF LEAD AND ZINC ORE DRESSING ~71:Kunming University of Science and Technology, No. 727 Jingming South Road, Chenggong District, Kunming City, Yunnan Province, 650500, People's Republic of China ~72: CHEN Jiejiang;LI Jiang;LU Yuanting;QI Jing;TONG Xiong;XIE Feng;XIE Xian;ZHOU Shijiao~ 33:CN ~31:2025116569773 ~32:12/11/2025

2026/00139 ~ Complete ~54:A METHOD FOR IMPROVING INOCULATION EFFICIENCY OF RHIZOBIUM IN ALFALFA ~71:Henan Agricultural University, No. 15, Longzihu University Park, Zhengdong New District, Zhengzhou City, Henan Province, People's Republic of China ~72: JIANG Mengting;JIN Wenbo;LI Defeng;LI Yingao;RUAN Ruitan;SUN Hao;WANG Chengzhang;WANG Haojie;ZHAO Miaomiao;ZHU Xiaoyan~

2026/00149 ~ Complete ~54:TECHNOLOGIES FOR PREVENTING THE EXPLOSION OF ELECTRICAL TRANSFORMERS ~71:PHILIPPE MAGNIER LLC, 6024 Feagan Street, United States of America ~72: MAGNIER, Philippe~ 33:US ~31:63/555,652 ~32:20/02/2024;33:US ~31:18/789,031 ~32:30/07/2024

2026/00155 ~ Complete ~54:SYSTEM AND METHOD FOR HIGH VOLTAGE (HV) MANAGEMENT IN NON-HVIL VEHICLES ~71:MAHINDRA ELECTRIC AUTOMOBILE LIMITED, Mahindra Tower, Pandurang Budhkar Marg, Nr. Doordarshan Kendra, Worli,Mumbai, Mumbai City, India ~72: BOITA, Dhananjaya Rao;RAMAKRISHNAN, Ganesh Kumar~ 33:IN ~31:202321073383 ~32:27/10/2023

2026/00161 ~ Complete ~54:ANTI-TIGIT X PVRIG ANTIBODIES AND USES THEREOF ~71:WUXI BIOLOGICS IRELAND LIMITED, Mullagharlin, Dundalk, Co Louth, A91 X56F, Ireland ~72: BAOTIAN YANG;HAIQING CHEN;HAOPENG RUI;JIJIE GU;SHUANG WANG;SIWEI NIE;XIA LIU;XIAOFENG YANG;YU LIANG;ZHIJIAN CHEN;ZHIQIANG CHEN~ 33:CN ~31:PCT/CN2023/098602 ~32:06/06/2023

2026/00164 ~ Complete ~54:SYSTEM FOR POSITIONING AND FIXING A PLURALITY OF FABRIC LAYERS FOR AUTOMATED JOINING ~71:SILANA GMBH, Neustiftgasse 78/23, 1070, Wien, Austria ~72: ANTON WOHLGEMUTH;MICHAEL HOFMANNRICHTER;MICHAEL MAYR;URS HUNZIKER~ 33:DE ~31:10 2023 114 959.8 ~32:07/06/2023

2026/00176 ~ Complete ~54:COASTAL PROTECTION STRUCTURE AND CONSTRUCTION METHOD THEREOF ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: WEIMING HU~ 33:CN ~31:2025107591867 ~32:09/06/2025

2026/00181 ~ Complete ~54:STRATEGIES TO TARGET EXTRACELLULARLY ACCESSIBLE RAS PROTEIN ~71:BUMM UG, Rheinpromenade 4a, 40789 Monheim, Germany;THOMAS BUMM, Josef Wiesner Straße 1, 91443 Scheinfeld, Germany ~72: THOMAS BUMM~ 33:EP ~31:23178054.5 ~32:07/06/2023

2026/00006 ~ Provisional ~54:INTEGRATED WASTEWATER BIOREMEDIATION & CARBON-CREDIT PLATFORM ("CRISLOR IWBCP") — BIOREMBLOC PROTOTYPES, BIOREM BIOACTIVATION, TWO-TIER ALTERNATING PLACEMENT, SMART SAAS AI PLATFORM, AND CARBON CREDIT EVALUATION & TRADING ASSESSMENT PLATFORM. ~71:Crislor Bioremediation (Pty) Ltd, 32 Manitoba Road, Lakeview, South Africa ~72: Christopher Swart~ 33:ZA ~31:N/A ~32:23/12/2025

2026/00007 ~ Provisional ~54:SYSTEMS AND METHODS FOR COMPUTING, VERIFYING, AND DISCLOSING FUTURE EARNINGS PROBABILITY DISTRIBUTIONS USING VERIFIED WAGE ATTESTATIONS, CANONICAL WAGE INTELLIGENCE OBJECTS, PERSONAL INFLATION METRICS, AND POLICY-BOUND SELECTIVE DISCLOSURE WITH AUDIT-CHAIN GOVERNANCE ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2026/00023 ~ Provisional ~54:VERY LOW EARTH ORBIT ~71:7 SLASH INNOVATIONS, 58 Van Den Heever Street, South Africa ~72: Thabang Timothy Mambalo~

2026/00026 ~ Provisional ~54:SYSTEM AND METHOD FOR MULTI-MODE PRESENCE VERIFICATION AND EVENT-BASED HEALTHCARE CLAIM ADJUDICATION ~71:Letlhogonolo Mathe, 4468 Block B Mabopane, South Africa ~72: Letlhogonolo Mathe~

2026/00036 ~ Provisional ~54:APPARATUS FOR FORMING TEXTILE STRANDS ~71:MARICOL TRADING (PTY) LTD., 11 Butters Road, Fichardtpark, BLOEMFONTEIN 9301, Free State Province, SOUTH AFRICA, South Africa ~72: HARRIS, Maria Magrietha~

2026/00046 ~ Complete ~54:A COMPOSITION COMPRISING HIGH PURITY TRIAMINOPYRIMIDINE COMPOUND AND METHOD FOR PREPARATION THEREOF ~71:ZYDUS LIFESCIENCES LIMITED, Zydus Corporate Park, Scheme No. 63, Survey No. 536, Khoraj (Gandhinagar), India ~72: GAJJAR, Samir Rameshbhai;GHODASARA, Hardik Bhikhubhai;LALPARA, Jaydeep Nanjibhai;SINGH, Kumar Kamlesh;SINGH, Neetandra Shyam Bahadur;SINGH, Nikhil Amar;UPADHYAY, Sandip Kiritbhai~ 33:IN ~31:202421104622 ~32:30/12/2024

2026/00057 ~ Complete ~54:METHOD FOR EXTRACTING ALUMINUM AND ENRICHING LITHIUM FROM LITHIUM-RICH BAUXITE WASTE ROCK BY COUPLING MAGNETIC SEPARATION FOR IRON REMOVAL WITH SULFURIC ACID ROASTING ~71:Zhengzhou Institute of Multipurpose Utilization of Mineral Resources, CAGS, No.328 Longhai West Road, Zhongyuan District, Zhengzhou City, Henan Province, People's Republic of China ~72: HU Sichun;LIANG Yudong;LIU Hongzhao;WANG Ke;WANG Wei;XU Xin;YANG Guang;ZHANG Yongkang;ZHAO Hengqin~ 33:CN ~31:202511850869X ~32:09/12/2025

2026/00060 ~ Complete ~54:A CONSTRUCTION WASTE COLLECTION DEVICE FOR GREEN BUILDINGS ~71:Xinyu University, 2666 Sunshine Dadao, High-tech Zone, Xinyu City, Jiangxi Province, People's Republic of China ~72: Cai yunfang;Cheng hancan;Cui shengchao;Deng zhusong;Gu xiaoyang;Guo qiulan;Liu yi;Wang chengyuan;Wu yuting;Xiao yang;Zhang wu;Zhang yuqing~ 33:CN ~31:2025117965486 ~32:02/12/2025

2026/00064 ~ Complete ~54:SHENMAI FORMULA COMPOUND PREPARATION FOR TREATING TYPE II DIABETES ~71:Ningbo Polytechnic University, 388 East Lushan Road, Economic and Technological Development Zone, Ningbo City, Zhejiang Province, 315000, People's Republic of China ~72: DU Mengling;LIU Peng;LIU Xingyan;LIU Yating;LOU Jia~

2026/00073 ~ Complete ~54:ADSORPTIVE FILLER FOR RIVER WATER PURIFICATION AND PREPARATION METHOD THEREOF ~71:Institute of Hydroecology, Ministry of Water Resources & Chinese Academy of Sciences, No. 578, Xiongchu Street, Zhuodaquan, Hongshan District, Wuhan, Hubei, People's Republic of China ~72: Fang SHI;Qing YANG;Xi ZOU;Zhiwei ZHENG~ 33:CN ~31:2025114994966 ~32:20/10/2025

2026/00074 ~ Complete ~54:CONNECTION DEVICE FOR MINIATURE METERS AND CIRCUIT BREAKERS ~71:Hunan Jusen Electric Group Co., Ltd., Room 1104, 1105 and 1106, Building A2, Huanchuangyuan, No. 2450, Yuelu West Avenue, Changsha High-tech Development Zone, Changsha, People's Republic of China ~72: Bin HU;Jian PENG;Zhuo YANG~ 33:CN ~31:202510007283.0 ~32:03/01/2025

2026/00079 ~ Complete ~54:DYNAMIC ORCHESTRATION METHOD, DEVICE, EQUIPMENT AND MEDIUM FOR SERVICE CHAIN OF DETERMINISTIC NETWORK ~71:Shandong Polytechnic, No. 23000, East Jingshi Road, Jinan City, Shandong Province, 250104, People's Republic of China ~72: Ma Lixin;Yu Lina;Zhu Jun~

2026/00084 ~ Complete ~54:FULLY-AUTOMATIC PNEUMATIC DRILLING MACHINE TEACHING AND TRAINING PLATFORM ~71:Zhejiang Industry and Trade Vocational College, No. 717 Fudong Road, Wenzhou City, Zhejiang Province, People's Republic of China ~72: Lu Bin;Lu Guang~

2026/00089 ~ Complete ~54:A MULTI-AXIS INTEGRATED ENGRAVING SYSTEM ~71:Shenzhen Longer Technology Co., Ltd., 2B1001, Phase II, Intelligent Park, No. 76 Baohe Avenue, Baolong Community, Baolong Sub-district, Longgang District, Shenzhen City, Guangdong Province, 518172, People's Republic of China ~72: Changshi Lao;Meida Chen;Rongting Liu~ 33:CN ~31:202510427078.X ~32:07/04/2025

2026/00096 ~ Complete ~54:A MULTIFUNCTIONAL UV PRINTING DEVICE ~71:Shenzhen Longer Technology Co., Ltd., 2B1001, Phase II, Intelligent Park, No. 76 Baohe Avenue, Baolong Community, Baolong Sub-district, Longgang District, Shenzhen City, Guangdong Province, 518172, People's Republic of China ~72: Changshi Lao;Rongting Liu;Xi Lan~ 33:CN ~31:202511724042.4 ~32:22/11/2025

2026/00099 ~ Complete ~54:NUMERICAL CONSTRUCTION METHOD FOR FAULT STRUCTURES BASED ON FOURIER SERIES ~71:China Earthquake Disaster Prevention Center, No. 9 Minzuyuan Road, Chaoyang District, Beijing, 100029, People's Republic of China ~72: Li Bingfei;Li Feng;Li Mengyang;Liu Huaguo;Lu Wei~

2026/00103 ~ Complete ~54:METHOD AND SYSTEM FOR GENERATING ENGLISH TRANSLATION BASED ON TRANSFORMER ~71:Henan Quality Institute, Henan Quality Institute, Middle Section of Yaodian Avenue, Pingdingshan City, Henan Province, People's Republic of China;Henan University of Urban Construction, Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China;Nanjing Normal University, Nanjing Normal University, No. 1 Wenyuan Road, Xianlin Street, Qixia District, Nanjing City, Jiangsu Province, People's Republic of China ~72: CHEN Juan;JING Liya;KANG Yuxin;LI Bing;NIU Tong;WANG Yanxiao;WANG Zhiyuan;ZHANG Luyan~

2026/00107 ~ Complete ~54:INTEGRATED MANAGEMENT METHOD, SYSTEM AND PRODUCT FOR TUNNEL EMERGENCY TELEPHONES AND BROADCASTING ~71:J&R Technology Ltd., Room 601, Unit 1, No. 3 Xingyi Road, East Area of Baishixia Community, Fuyong Sub-district, Bao'an District, Shenzhen City, Guangdong Province, 518000, People's Republic of China ~72: Luo Wen;Tang Zhibo~ 33:CN ~31:2025103068729 ~32:15/03/2025

2026/00122 ~ Complete ~54:BLASTING DEMOLITION METHOD FOR SLEEVE-TYPE CHIMNEY ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467041, People's Republic of China ~72: HUANG, Peng;JIA, Haipeng;LIU, Fei;LOU, Yafei;ZHAO, Yuxia~

2026/00127 ~ Complete ~54:VISUAL LAMP DETECTION METHOD FOR DETECTING LUMPY SKIN DISEASE VIRUS FOR NON-DIAGNOSTIC AND NON-THERAPEUTIC PURPOSES ~71:Hebei Normal University Of Science & Technology, No. 360, West Section of Hebei Street, Qinhuangdao City, Hebei Province, 066004, People's Republic of China;Mongolian University of Life Sciences, Zaisan Street, Khan-Uul district-22, Ulaanbaatar, City, 17024, Mongolia ~72: BAI Xiang;BAYASGALAN Chimedtseren;FANG Yupeng;FU Zhixin;JIANG Shuaiyu;LIU Yongbo;LIU Yongsheng;MA Zhiyong;MENG Chuixin;SUN Ying;TEMUUJIN Uyangaa;TSEREN-OCHIR Erdene-Ochir;TSERENDORJ Ariunaa;WANG Qiuyue;YANG Shunli;ZHANG Jie;ZHANG Xiaoqing;ZHANG Ziteng;ZHAO Tian~

2026/00135 ~ Complete ~54:BREATHING TRAINING DEVICE FOR VOCAL PRACTICE ~71:HUAINAN NORMAL UNIVERSITY, DONGSHAN WEST ROAD, HUAINAN CITY,, People's Republic of China ~72: GE, Sen;SUN, Tao~

2026/00162 ~ Complete ~54:GLASS MELTING PROCESS WITH VERY LOW TO ZERO-CO2 EMISSION ~71:AGC GLASS EUROPE, Avenue Jean Monnet 4, 1348, Ottignies-Louvain-la-Neuve, Belgium ~72: FABRICE FASILOW;FRANÇOIS BIOUL;MICHEL BOGAERTS;NICOLAS BOURGEOIS;ZAKARIA HABIBI~ 33:EP ~31:23177878.8 ~32:07/06/2023

2026/00170 ~ Complete ~54:GROUNDING DEVICE CONSTRUCTION METHOD ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: YAN DONG~ 33:CN ~31:2025105761882 ~32:06/05/2025

2026/00178 ~ Complete ~54:GIPR AND GLP-1R DUAL AGONIST POLYPEPTIDE AND USE THEREOF ~71:CSPC BAIKE (SHANDONG) BIO-PHARMACEUTICAL CO., LTD., No. 212 Jinbu Street Qinshui South Korea

Industrial Park Muping District Yantai, Shandong, 264100, People's Republic of China ~72: CHAO WANG;CHUNLEI LI;HAIKUN CHEN;MIN LI;TIAN JIANG;WEIGUO WANG;WENNING YANG;XIAOJUN ZHANG;XIAOLIN ZHANG;XUE LIANG;YANAN QIU~ 33:CN ~31:202410580912.4 ~32:11/05/2024;33:CN ~31:202510512619.9 ~32:23/04/2025

2026/00187 ~ Provisional ~54:NEURAL PROCESSING UNIT TO SIM CARD DIRECT COMMUNICATION SYSTEM FOR AI-DRIVEN TRANSACTION AUTHORIZATION ~71:FRANCOIS PIERRE JOUBERT, 521, 20TH AVENUE, RIETFONTEIN, South Africa ~72: FRANCOIS PIERRE JOUBERT~

2026/00003 ~ Provisional ~54:PROOF-OF-REGENERATION (POR) ~71:7 SLASH INNOVATIONS, 58 Van Den Heever Street, South Africa ~72: Thabang Timothy Mambalo~

2026/00014 ~ Provisional ~54:REGENERATIVE GOVERNANCE & COVENANT ENGINE (RGCE) ~71:7 SLASH INNOVATIONS, 58 Van Den Heever Street, South Africa ~72: Thabang Timothy Mambalo~

2026/00016 ~ Provisional ~54:IZWE LETU (IZL) ~71:7 SLASH INNOVATIONS, 58 Van Den Heever Street, South Africa ~72: Thabang Timothy Mambalo~

2026/00025 ~ Provisional ~54:A SYSTEM AND METHOD FOR HEURISTIC BEHAVIORAL MONITORING AND RELATIVE POSITIONING IN HIGH-DENSITY, NETWORK-CONSTRAINED ENVIRONMENTS ~71:Mfundo Chiliza, 11 Yizo Yizo Circle, South Africa ~72: Mfundo Chiliza~ 33:ZA ~31:1 ~32:30/11/2025

2026/00028 ~ Provisional ~54:PORTABLE CORDLESS IRON WITH USB CHARGING AND GRIP-ACTIVATED SAFETY SHUT-OFF ~71:Norman Dilley, 1081, South Africa ~72: Norman Dilley~

2026/00038 ~ Complete ~54:METHOD FOR REAL-TIME IDENTIFICATION AND WARNING OF OBSTACLES IN BUS BLIND SPOTS BASED ON MULTI-SOURCE PERCEPTION FUSION ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan, Henan Province, 467041, People's Republic of China ~72: JIANG Yihang;LIU Lihua;QIN Jingyu;SHANG Feiyan;WANG Xiaoxiao~

2026/00042 ~ Complete ~54:MULTI-FUNCTIONAL WORKBENCH FOR FURNITURE DESIGN ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: BAI Chen;LIU Xiaohua;RONG Shukun~

2026/00048 ~ Complete ~54:INTERFERENCE FRINGE DISTORTION CORRECTION METHOD ~71:Hainan Nuclear Power Co., Ltd., P.O.BOX 1208, CHANGJIANG COUNTY, People's Republic of China ~72: CHEN, Jianxin;GUAN, Shouxin;WANG, Nan;WANG, Rongtao;YU, Yue;YUE, Ziyu;ZHANG, Chengliang;ZHANG, Yu;ZHU, Jianbin~ 33:CN ~31:2025114706598 ~32:15/10/2025

2026/00059 ~ Complete ~54:SUN-CURED YELLOW TOBACCO AUTOMATIC RIB-CUTTING AND LOADING DEVICE ~71:Guangdong Institute of Tobacco Science, West Tower, City Tou Business Building, Xilian Town, Wujiang District, Shaoguan City, Guangdong Province, People's Republic of China ~72: DOU Yuqing;LIU Lan;WANG Chao;WANG Jun;WANG Xing;WANG Xuebo;ZHAO Weicai;ZONG Zhaohui~

2026/00067 ~ Complete ~54:A KIND OF POULTRY HOUSE ENVIRONMENT SELF-ADAPTIVE REGULATION AND CONTROL SYSTEM ~71:Henan Xilaiya Ecological Agriculture and Animal Husbandry Technology Co., Ltd, No. 09, Xuweizhuang Community, Yingbin Avenue, Xiping County Industrial Agglomeration Zone, Zhumadian City, Henan Province, 463000, People's Republic of China ~72: Bai Li;Chen Yawei;Song Zhibin;Sun Bin;Zhang Li~

2026/00072 ~ Complete ~54:SOLAR-POWERED MICRO-POWER DEVICE AND IMPLEMENTATION METHOD FOR LAKE AND RESERVOIR TREATMENT ~71:Xizang Jingu Technology Co., Ltd., Area A, Room 5,1-2 floors,

Building 1, Zhongying Black Forest, Shangri-La Street, Liuwu New District, Lhasa City, Xizang Autonomous Region, 850000, People's Republic of China ~72: GUO Jia;TANG Xin~

2026/00077 ~ Complete ~54:PORTABLE MULTIFUNCTIONAL PSYCHOLOGICAL ASSESSMENT INSTRUMENT ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: CHEN Haiyan;FAN Ruilu;HUANG Yinhe;TIAN Yongguo;WEN Feng;ZHANG Guanqiong;ZHANG Xuanxuan;ZHAO Lingzhi~

2026/00090 ~ Complete ~54:A METHOD FOR STAGED ENHANCED LEACHING AND ARSENIC REMOVAL FROM HIGH-ARSENIC COPPER ORES ~71:Kunming University of Science and Technology, No. 68, Wenchang Road, 121st Street, Wuhua District, Kunming City, Yunnan Province, 650031, People's Republic of China ~72: Chao Lv;Dianwen Liu;Dongsheng Xiao;Haiyun Xie;Lingpan Du;Peilun Shen;Qihao Gui;Taiguo Jiang;Xiaotong Huo;Yinyu Ma;Zhicong Wei~ 33:CN ~31:202511542534.1 ~32:27/10/2025

2026/00095 ~ Complete ~54:TAILINGS COMPREHENSIVE UTILIZATION DEVICE FOR FLUORITE ORE TAILING-FREE PRODUCTION ~71:Qinghai Geological Survey, Block C, Dikuang Huayuan Community, No.22 Shengli Road, Chengxi District, Xining City, Qinghai Province, 810001, People's Republic of China ~72: BAI Hongxi;BAO Shanbin;DOU Guangyuan;MA Deqing;MA Guodong;MA Wen;MA Yuanlin;MO Yanqiang;QI Yongjun;SUN Rui;WANG Fanggang;XUE Changjun;YANG Yanqian;YUN Qicheng;ZHANG Dexin;ZHANG Junhai;ZHANG Xuede;ZHANG Yu;ZHAO Mengqi;ZHAO Wei;ZHENG Zhenhua~

2026/00108 ~ Complete ~54:INSECT TRAPPING DEVICE FOR PLANT PEST AND DISEASE CONTROL ~71:INSTITUTE OF GRASS INDUSTRY, XINJIANG ACADEMY OF ANIMAL SCIENCE, No. 468, Ali Mountain Street, Economic and Technological Development Zone (Toutunhe District), Huatunhe District, Urumqi, Xinjiang Uygur Autonomous Region, 830063, People's Republic of China ~72: HAN, Qing;TIAN, Cong~ 33:CN ~31:202510082311.5 ~32:20/01/2025

2026/00118 ~ Complete ~54:A DEVICE FOR CORRECTING THE DIRECTION OF SERVICE IN BADMINTON TRAINING ~71:Xinyu University, No. 2666, Yangguang Avenue, High-Tech Zone, Xinyu City, Jiangxi Province, People's Republic of China ~72: Chen Wei;Huang Taibin;Li Ling;Liang Jing;Xi Ying;Yang Zhiyu;Zou Wei~

2026/00145 ~ Complete ~54:CONJUGATES OF DRUG UNITS AND TARGETING UNITS AND PRECURSOR COMPOUNDS THEREOF ~71:SOLVE THERAPEUTICS, INC., 11045 Roselle Street, Suite 130, United States of America ~72: JESSEN, Katti;LANNUTTI, Brian;WATKINS, Jeff~ 33:US ~31:63/512,428 ~32:07/07/2023;33:US ~31:63/606,519 ~32:05/12/2023;33:US ~31:63/558,540 ~32:27/02/2024;33:US ~31:63/640,733 ~32:30/04/2024;33:US ~31:63/667,649 ~32:03/07/2024

2026/00151 ~ Complete ~54:DETECTION METHOD FOR MYCOBACTERIA ~71:THE ROYAL VETERINARY COLLEGE, University of London, Royal College Street, United Kingdom ~72: SHIELD, Christopher Gordon;SWIFT, Benjamin~ 33:GB ~31:2310543.0 ~32:10/07/2023

2026/00167 ~ Complete ~54:RIVER CHANNEL DREDGING METHOD ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: ZHUANG SUN~ 33:CN ~31:2025104506275 ~32:11/04/2025

2026/00182 ~ Complete ~54:PEPTIDE COMPOSITIONS TARGETING GLYPICAN-3 AND USES THEREOF ~71:PEPTIDREAM INC., 3-25-23, Tonomachi, Kawasaki-ku, Kawasaki-shi, Kanagawa, 2100821, Japan ~72: HAYATO YANAGIDA;KOUKI MORIMOTO;MASAKI OHUCHI;MASATOSHI TAKUWA;RIE KOMURA;TAKAYUKI NAGASAWA;TAKERU EHARA;YOSHIHIDE MIZUKOSHI~ 33:US ~31:63/506,651 ~32:07/06/2023

2026/00185 ~ Complete ~54:INHIBITORS OF FATTY ACID BINDING PROTEINS (FABPS), METHODS OF USE AND METHODS OF MAKING ~71:CELLORAM INC., 11000 Cedar Avenue 100F, #23 Cleveland, Ohio, 44106, United States of America ~72: ELIZABETH MEYERS;LIRAZ LEVI;SEONG-JIN KIM;SEUNGHWAN LIM;TEJ PAREEK;WILLIAM J GREENLEE~ 33:US ~31:63/471,207 ~32:05/06/2023

2026/00002 ~ Provisional ~54:THERMAL MODULATION REACTOR PLATFORM (TMR-PLATFORM) ~71:7 SLASH INNOVATIONS, 58 Van Den Heever Street, South Africa ~72: Thabang Timothy Mambalo~

2026/00041 ~ Complete ~54:DRILLING AND PUNCHING DEVICE BASED ON PILING IN BUILDING CONSTRUCTION ~71:Anhui Water Conservancy Technical College, No.18 Hema Road, Hefei City, Anhui Province, 231603, People's Republic of China ~72: CAO Kangle;DING Lulu;HU Peng;WANG Yu;YAN Xiang;YANG Hao;YAO Chunmei~

2026/00044 ~ Complete ~54:REAL-TIME SAFETY GUARANTEE SYSTEM AND METHOD FOR ELDERLY PEDESTRIANS' CROSSING SIGNAL CONTROL ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan, Henan Province, 467041, People's Republic of China ~72: JIANG Yihang;LI Fenghua;LIU Lihua;REN Jiashuo;WANG Xiaoxiao;ZHANG Taotao;ZHAO Xuan~

2026/00050 ~ Complete ~54:INTELLIGENT CLASSIFICATION METHOD FOR POLYCYCLIC AROMATIC HYDROCARBONS USING RAMAN SPECTRA BASED ON CONSISTENCY REGULARIZATION CONSTRAINTS AND SEMI-SUPERVISED LEARNING ~71:Liaoning Petrochemical University, No. 1, West Section of Dandong Road, Wanghua District, Fushun City, Liaoning Province, 113001, People's Republic of China ~72: HUANG, Yueyang;LENG, Xiaoling;LIU, Yuzheng;SHI, Yuanbo;YU, Haomin~

2026/00053 ~ Complete ~54:DEVICE FOR SEED EXTRACTION IN EGGPLANT BREEDING ~71:JINLING INSTITUTE OF TECHNOLOGY, No. 99, Hongjing Avenue, Jiangning District, Nanjing City, Jiangsu Province, 211199, People's Republic of China ~72: BAN Qiuyan;CUI Qunxiang;FAN Junjun;LIU Tongjin;ZHOU Lu~

2026/00056 ~ Complete ~54:A DISTRIBUTED QUERY METHOD, APPARATUS, SYSTEM, AND STORAGE MEDIUM ~71:Beijing University of Posts and Telecommunications, No. 10, Xitucheng Road, Haidian District, Beijing, People's Republic of China ~72: Liu Yang~ 33:CN ~31:2025114317566 ~32:09/10/2025

2026/00058 ~ Complete ~54:RECORDER FOR INFORMATION AND COMPUTING SCIENCE TEACHING ~71:Xinyu University, No.2666 Sunshine Avenue, High tech Zone, Xinyu City, Jiangxi Province, 338025, People's Republic of China ~72: JIANG Xunyan;LIAO Zhongming;TAO Sijun;XIAO Xiaoyong;XU Zhaosheng;ZHANG Miao~

2026/00063 ~ Complete ~54:A METHOD FOR PREPARING A SERIES OF NUTRITION-ENHANCED BLACK WHEAT FLOUR PRODUCTS ~71:Xinling Guo, No. 12, Houying Village, Banpodian Township, Huaxian County, Anyang City, Henan Province, 456400, People's Republic of China ~72: Xinling Guo~

2026/00070 ~ Complete ~54:AN ANTI-CHOKING ASSISTIVE DEVICE FOR FEEDING CARE OF CEREBROVASCULAR DISEASE PATIENTS ~71:The Second Affiliated Hospital of Anhui University of Chinese Medicine (Anhui Acupuncture Hospital), No. 300, Shouchun Road, Luyang District, Hefei City, Anhui Province, 230001, People's Republic of China ~72: Weiwei Shi;Yonghua Jiang~

2026/00078 ~ Complete ~54:HIGH-STRENGTH GYPSUM AND PREPARATION METHOD THEREOF ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: CHEN Lin;JIN Biao;LEI Chengbin;MA Xianwei;TANG Xinru;XU Zhuoyue;ZHANG Jianwu~

2026/00087 ~ Complete ~54:METHOD AND DEVICE FOR MONITORING MINE RESTORATION BASED ON MULTISPECTRAL REMOTE SENSING ~71:Qinghai Geological Survey, Block C, Dikuang Huayuan Community, No.22 Shengli Road, Chengxi District, Xining City, Qinghai Province, 810001, People's Republic of China ~72: BAI Hongxi;BAO Shanbin;DOU Guangyuan;LA Pinxian;MA Deqing;MA Guodong;MA Yuanlin;MO Yanqiang;QI Yongjun;SUN Rui;WANG Fanggang;XU Haiquan;XUE Changjun;YANG Yanqian;YUN Qicheng;ZHANG Dexin;ZHANG Junhai;ZHANG Shiyan;ZHANG Xuede;ZHANG Yu;ZHAO Mengqi;ZHAO Wei;ZHENG Zhenhua;ZHOU Jin~

2026/00094 ~ Complete ~54:ELECTRIC SHAVER ~71:TITOVA Valentina Evgenievna, Russia, Moscow, Lavochkina Street 24 ,apt 40, Moscow, 125499, Russian Federation ~72: TITOVA Valentina Evgenievna~ 33:RU ~31:2025125094 ~32:11/09/2025

2026/00098 ~ Complete ~54:LINEAR SHAPED CHARGE WITH WIRELESS INITIATION DEVICE ~71:North Blasting Technology Co., Ltd., Room 301 and 302, 3rd Floor, Building C, No. 51, Kunming Lake South Road, Haidian District, Beijing, 100000, People's Republic of China ~72: Ding Yanxin;Li Leilei;Wang Haonan;Wang Linjian;Xie Feng;Xu Boming;Yu Deyun;Zhang Shupeng;Zhou Yue~ 33:CN ~31:2025227543700 ~32:25/12/2025

2026/00109 ~ Complete ~54:INSULATION MORTAR AND PREPARATION METHOD THEREOF ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: JIN Biao;WANG Xiao;WANG Yuling;XU Zhuoyue;ZHAN Fumin;ZHANG Jianwu;ZHANG Shuya~

2026/00004 ~ Provisional ~54:ORACLE BLACK CHAIN (OFC) ~71:7 SLASH INNOVATIONS, 58 Van Den Heever Street, South Africa ~72: Thabang Timothy Mambalo~

2026/00010 ~ Provisional ~54:A SYSTEM FOR MANAGEMENT AND VERIFICATION OF CONDITION-BASED OPERATIONAL STATES ~71:DEOMARIE JOOSTE, 796 CILIARIS STREET, C, South Africa ~72: DEOMARIE JOOSTE~

2026/00018 ~ Provisional ~54:CAMERA-VERIFIED REMOTE-ACTIVATION FIRE SUPPRESSION SYSTEM ~71:Johannes Stephanus Strydom, 8 Lineata Street, South Africa ~72: Johannes Stephanus Strydom~

2026/00027 ~ Provisional ~54:UNIVERSAL ASSET PLATFORM - DIGITAL PRODUCTS INTO MONEY CONVERSION ~71:Dorothy Lubisi, Unit 87, Silverstream North Estate, South Africa ~72: Dorothy Lubisi~

2026/00030 ~ Provisional ~54:COGNITIVE INFRASTRUCTURE FOR AUDITABLE ARTIFICIAL INTELLIGENCE SYSTEMS WITH RECURSIVE MEANING-EVOLUTION, COHERENCE-OPTIMIZATION, AND UNIVERSAL INTEROPERABILITY ~71:Magus Computational Technologies Pty Ltd, 7 Belvedere, 334 Mint Street, Newlands,, South Africa ~72: Joseph Adrian Walker~

2026/00039 ~ Complete ~54:EXPANSIVE SOIL SLOPE SUPPORT STRUCTURE ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467041, People's Republic of China ~72: HAO Yanzhou;HE Ruixia;HU Jiale;LIU Fei;YUAN Yanzhao~

2026/00047 ~ Complete ~54:INTERFERENCE FRINGE DISTORTION CORRECTION METHOD AND SYSTEM BASED ON IMAGE QUALITY DEGRADATION MODEL ~71:Hainan Nuclear Power Co., Ltd., P.O.BOX 1208, CHANGJIANG COUNTY, People's Republic of China ~72: CHEN, Jianxin;GUAN, Shouxin;SHAO, Wenrui;WANG, Nan;YANG, Panyun;YUE, Ziyu;ZHANG, Chengliang;ZHANG, Yu;ZHENG, Qianyi;ZHU, Jianbin~ 33:CN ~31:2025114706579 ~32:15/10/2025

2026/00052 ~ Complete ~54:METHOD FOR PREPARING ALUMINA AND EXTRACTING LITHIUM FORM LITHIUM-RICH BAUXITE WASTE ROCK ~71:Zhengzhou Institute of Multipurpose Utilization of Mineral Resources, CAGS, No.328 Longhai West Road, Zhongyuan District, Zhengzhou City, Henan Province, People's Republic of China ~72: CAO Yaohua;HU Sichun;LIANG Yudong;LIU Hongzhao;WANG Ke;WANG Wei;XU Xin;YANG Guang;ZHANG Yongkang~ 33:CN ~31:2025118508562 ~32:09/12/2025

2026/00069 ~ Complete ~54:FIREPROOF BOOK AND DOCUMENT FILING CABINET ~71:Xinyu University, No.2666 Sunshine Avenue, High tech Zone, Xinyu City, Jiangxi Province, 338025, People's Republic of China ~72: GONG Xiaohua;LI Shuangshuang;XIAO Xiaoyong;ZHANG Jiusheng;ZHANG Miao;ZOU Qiong~

2026/00075 ~ Complete ~54:SYSTEM AND METHOD FOR RECORDING, VERIFYING, AND RETRIEVING TAMPER-RESISTANT VEHICLE SPEED DATA FOR USE IN TRAFFIC SPEED DISPUTES ~71:Kimi Isaac Onana, Suit 14, Floor 1, Ocean Center, Plot 1018 Cadastral Zone B18, Off Oladipo Diya Road, Apo Gudu, Abuja, Nigeria ~72: Kimi Isaac Onana~

2026/00082 ~ Complete ~54:GEOPOLYMER GROUTING MATERIAL FOR REINFORCEMENT AND PREPARATION METHOD THEREOF ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: CAO Shuo;JIN Biao;LIAN Xinxin;MA Xianwei;WANG Zaiqiang;XU Zhuoyue;ZHANG Jianwu~

2026/00100 ~ Complete ~54:COMPLEX FOR ENSURING THE SAFETY UNMANNED GROUND VEHICLES ~71:"BORU" LIMITED LIABILITY COMPANY, Russia, Moscow, Lavochkina Street 24 ,apt 40, Moscow, 125499, Russian Federation ~72: TITOV Artem Valerievich~ 33:RU ~31:2025124583 ~32:09/05/2025

2026/00106 ~ Complete ~54:FLAME-RETARDANT SEALANT AND PREPARATION METHOD THEREOF ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: CHEN Yiang;DONG Yingying;FENG Qiao;LI Guili;LIU Ziyuan;WANG Zongtao;ZHANG Chunmei~

2026/00110 ~ Complete ~54:ECOLOGICAL VEGETATION RESTORATION DEVICE IN LOESS SLOPE TREATMENT ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467041, People's Republic of China ~72: HAO Yanzhou;HE Ruixia;HU Jiale;YUAN Yanzhao;ZHANG Lingling~

2026/00116 ~ Complete ~54:PAVING METHOD OF COMPOSITE ASPHALT PAVEMENT WITH SNOW REMOVAL CAPABILITY ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: CHEN Weili;GAO Yanke;JIA Senchun;MA Yabing;TIAN Ye;WANG Songwei;WANG Xiaoyu;WEN Xiaoye;YANG Mingfei;YANG Ying~

2026/00117 ~ Complete ~54:A SPORTS ANKLE SUPPORT DEVICE WITH ANTI-SPRAIN STRUCTURE ~71:Xinyu University, No. 2666, Yangguang Avenue, High-Tech Zone, Xinyu City, Jiangxi Province, People's Republic of China ~72: Chen Wei;Huang Taibin;Li Ling;Liang Jing;Xi Ying;Yang Zhiyu;Zou Wei~

2026/00121 ~ Complete ~54:INTEGRATED DEVICE FOR BONE CEMENT PREPARATION AND DELIVERY IN HIP ARTHROPLASTY ~71:TAIZHOU PEOPLE'S HOSPITAL, NO. 366 TAIHU ROAD, MEDICAL HIGH-TECH ZONE, TAIZHOU CITY,, People's Republic of China ~72: CAO, Xiuhong;CHEN, Xiaoyan;DOU, Hongmei;LIU, Jing;QU, Huiwu;REN, Zhenqing;ZHU, Weihua~

2026/00136 ~ Complete ~54:DYNAMIC OBSTACLE AVOIDANCE PATH PLANNING METHOD BASED ON MULTI-SENSOR FUSION ~71:KUNMING METALLURGY COLLEGE, NO. 388, XUEFU ROAD, WUHUA DISTRICT, KUNMING CITY, People's Republic of China ~72: ZHONG, Zhixian~

2026/00141 ~ Complete ~54:A MULTIFUNCTIONAL MODIFIED PHOSPHORUS TAILING BASE POLYMER AND ITS PREPARATION METHOD AND APPLICATION ~71:Yunnan Phosphate Group Co., Ltd., No. 403, Yongle Avenue, Kunyang Street, Jinning District, Kunming City, Yunnan Province, People's Republic of China; Kunming University of Science and Technology, No. 727 Jingming South Road, Chenggong District, Kunming City, Yunnan Province, People's Republic of China ~72: CHEN Jiejiang;FAN Peiqiang;GUO Yongjie;LI Jiawen;SONG Qiang;WU Yuyao;XIE Xian;YU Zhugao;ZHANG Yixuan~ 33:CN ~31:202511912512X ~32:17/12/2025

2026/00148 ~ Complete ~54:POOL DIVIDER DEVICE ~71:POOL 1024 SLU,, URB. COLOMER PARK, FASE 2, 2-B, Andorra ~72: CABELLO FORNS, Brenton~ 33:EP ~31:23382575.1 ~32:09/06/2023

2026/00158 ~ Complete ~54:AN APPARATUS FOR OPERATING A LIQUOR GUN OF A RECOVERY BOILER, A RECOVERY BOILER AND A METHOD OF OPERATING THE APPARATUS ~71:Andritz Oy, Tammasaarenkatu 1, HELSINKI 00180, FINLAND, Finland ~72: BRUNOU, Jarkko;LAPPALAINEN, Heikki;NOKKA, Tero;OSMALA, Kari;RÄSÄNEN, Jani~ 33:FI ~31:20235639 ~32:08/06/2023

2026/00168 ~ Complete ~54:HYDRAULIC RECLAMATION CONSTRUCTION METHOD FOR DAM ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: JUN ZHAO~ 33:CN ~31:2025105123148 ~32:23/04/2025

2026/00174 ~ Complete ~54:METHOD FOR MONITORING SETTLEMENT OF DIKE ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: JUNBIAO HE~ 33:CN ~31:2025106987674 ~32:28/05/2025

2026/00175 ~ Complete ~54:HIGH-PILE WHARF STRUCTURE AND CONSTRUCTION METHOD THEREOF ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: QINGYUN XU~ 33:CN ~31:2025107480224 ~32:05/06/2025

2026/00184 ~ Complete ~54:LANIFIBRANOR FOR USE IN THE TREATMENT OF SPLANCHNIC VASODILATATION IN A PATIENT WITH A LIVER CONDITION ~71:INVENTIVA, 50 rue de Dijon, 21121, Daix, France ~72: ANJA GEERTS;ANNELEEN HELDENS;GUILLAUME WETTSTEIN;JEAN-LOUIS JUNIEN;SANDER LEFERE~ 33:EP ~31:23305892.4 ~32:05/06/2023

2026/00111 ~ Complete ~54:GYPSUM-BASED LIGHTWEIGHT THERMAL INSULATION BOARD AND PREPARATION METHOD THEREOF ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: JIN Biao;WANG Xiao;WANG Yuling;XU Zhuoyue;ZHAN Fumin;ZHANG Jianwu;ZHANG Shuya~

2026/00146 ~ Complete ~54:LASER CUTTING DEVICE FOR METAL MATERIAL PROCESSING ~71:Hubei Province Power Transmission Intelligent Manufacturing Innovation Center Co., Ltd., C8 And B2 Factory Buildings, Economic Development Zone, Xiaochang County Xiaogan,, Hubei, 432900, People's Republic of China ~72: HUANG, Lizhao;LI, Jianjun;LIU, Wenwu~ 33:CN ~31:202411970228.3 ~32:30/12/2024

2026/00165 ~ Complete ~54:HIGH THROUGHPUT SCREEN FOR GENETIC VARIANTS ASSOCIATED WITH SHORT STATURE ~71:BIOMARIN PHARMACEUTICAL INC., 105 Digital Drive, Novato, California, 94949, United States of America ~72: DEVANSHI SHANGHAVI;SERGIO COVARRUBIAS~ 33:US ~31:63/471,634 ~32:07/06/2023;33:US ~31:63/540,792 ~32:27/09/2023;33:US ~31:63/564,071 ~32:12/03/2024

2026/00173 ~ Complete ~54:GLASS MELTING PROCESS WITH LOW CO2 EMISSION ~71:AGC GLASS EUROPE, Avenue Jean Monnet 4, 1348, Ottignies-Louvain-la-Neuve, Belgium ~72: FABRICE

FASILOW;FRANÇOIS BIOUL;MICHEL BOGAERTS;NICOLAS BOURGEOIS;ZAKARIA HABIBI~ 33:EP ~31:23177869.7 ~32:07/06/2023

2026/00189 ~ Provisional ~54:HYGIENIC SEGMENTED ICE CONTAINMENT AND DISPENSING SYSTEM WITH MELTWATER MANAGEMENT FOR SIMULTANEOUS BEVERAGE COOLING AND ICE CONSUMPTION ~71:Mapula Monyela, 82 Tamboti Road, South Africa ~72: Mapula Monyela~

2026/00192 ~ Provisional ~54:WHISPER NURSE – AUTONOMOUS WARD MONITORING DROID WITH EDGE AI AND SELF-ERASING MEMORY ~71:Ignatius Leopold Vermaak, 3645 Bosbok road, South Africa ~72: Ignatius Leopold Vermaak~

2026/00013 ~ Provisional ~54:SYSTEMS AND METHODS FOR WAGE-LINKED RISK & PRICING TRANSFORMS THAT CONSTRAIN UNDERWRITING AND CAPITAL ALLOCATION VIA A CANONICAL WAGE-NORMALIZED STATE OBJECT, APPROVED TRANSFORM GRAPHS, AND TAMPER-EVIDENT AUDIT ARTIFACTS ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2026/00021 ~ Provisional ~54:SYSTEM AND METHOD FOR PRIVACY-CENTRIC FAMILY AND FRIEND COORDINATION, TRUSTED CONNECTION ESTABLISHMENT, AND EVENT SCHEDULING ~71:Aphiwe Nozuko Bevu, 3 Robert Bruce Road Beverley, South Africa ~72: Aphiwe Nozuko Bevu~

2026/00043 ~ Complete ~54:REAL-TIME EARLY WARNING METHOD FOR NON-MOTOR VEHICLE CONFLICTS BASED ON MULTI-SOURCE PERCEPTION ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan, Henan Province, 467041, People's Republic of China ~72: CHENG Liangliang;LI Mengqi;LIU Yanyan;PENG Xinge;YANG Chuande;YANG Yizhe;ZHANG Lei~

2026/00071 ~ Complete ~54:AN IONIC LIQUID-MODIFIED ETHER-BASED ELECTROLYTE AND ITS PREPARATION METHOD AND APPLICATION ~71:Kunming University of Science and Technology, No. 727 Jingming South Road, Chenggong District, Kunming City, Yunnan Province, 650500, People's Republic of China ~72: Dong Zhao;Fang Cheng;Maolin Zhang;Xiaoping Yang~ 33:CN ~31:202510831984.6 ~32:20/06/2025

2026/00081 ~ Complete ~54:METHOD FOR RETRIEVING GLACIER SURFACE ALBEDO BASED ON LANDSAT-8 OLI DATA ~71:Henan University of Urban Construction, Longxiang Campus, Henan University of Urban Construction, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: GAO, Ziwen;LI, Huaijia;LIN, Yitang;LIU, Shenghang;LU, Chunyang;QIAN, Haocheng;QIAO, Zizhen;WEN, Feng;ZHANG, Mingsheng;ZHANG, Zhimin~

2026/00115 ~ Complete ~54:A SOOTHING MASSAGE DEVICE FOR REPRODUCTIVE MEDICINE NURSING ~71:HENAN PROVINCE HOSPITAL OF TCM, No. 6 Dongfeng Road, Jinshui District, Zhengzhou City, Henan Province, 450000, People's Republic of China ~72: Chen Jianshe;Gao Qianqian;Meng Fanrui;Wei Bingbing;Zhang Xinghua~

2026/00126 ~ Complete ~54:A SYSTEM AND METHOD FOR AUTOMATED MANAGEMENT AND VERIFICATION OF EDUCATIONAL AND VOCATIONAL CERTIFICATION LIFECYCLES USING A HYBRID DATA ARCHITECTURE ~71:Cloud POE (Pty) Ltd, 3896 TWINBERRY TREE LOOP, South Africa ~72: Thato Mohono~

2026/00140 ~ Complete ~54:A PORTABLE INTELLIGENT TOURISM DIGITAL SERVICE SYSTEM AND METHOD ~71:Kaili University, No. 3, Kaiyuan Road, Kaili Economic Development Zone, Kaili City, Guizhou Province, 556011, People's Republic of China ~72: SHANG Hailong;SHEN Caiyan;WANG Xiang;XU Jiangyan;ZHENG Ruihua~

2026/00150 ~ Complete ~54:IGE BINDING PROTEINS AND USES THEREOF ~71:INHIBRX BIOSCIENCES, INC., 11025 N. Torrey Pines Road, Suite 140, United States of America;PHYLAXIS BIOSCIENCE, LLC, 100 Fillmore Street, #500 Denver, United States of America ~72: BECKLUND, Bryan R.;ECKELMAN, Brendan P.;ECKLES, Andrew M.;JONES, Kyle S.;YAO, Tony Dung-Ling~ 33:US ~31:63/526,570 ~32:13/07/2023;33:US ~31:63/605,695 ~32:04/12/2023

2026/00156 ~ Complete ~54:MOBILE BATTERY AND/OR BATTERY HYBRID MOBILE ELECTRICAL POWER SUPPLY FOR ELECTRIC POWERED DRILL RIG ~71:Sandvik Mining and Construction USA, LLC, P.O. Box 338, ALACHUA 32616, FL, USA, United States of America ~72: LAW, Arnold~ 33:US ~31:63/470,609 ~32:02/06/2023

2026/00166 ~ Complete ~54:FOUNDATION BED LEVELING METHOD ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: HUAJIANG XU~ 33:CN ~31:2025104947850 ~32:21/04/2025

2026/00179 ~ Complete ~54:ELECTRONIC DEVICE COMPRISING CONDUCTIVE CONNECTOR ~71:SAMSUNG ELECTRONICS CO., LTD., 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea ~72: DAEKYU LEE;JONGIK WON;JONGWOON LEE~ 33:KR ~31:10-2023-0087764 ~32:06/07/2023;33:KR ~31:10-2023-0131849 ~32:04/10/2023

2026/00286 ~ Provisional ~54:EDGE-AI VEHICLE SECURITY WITH VERIFIED EVENT DETECTION, CONTROLLED HORN ACTUATION, AND INCIDENT EVIDENCE PACKAGING ~71:Lesego Mohaule, 12 Kelkiewyn Close, Bromhof, South Africa ~72: Lesego Mohaule~

2026/00190 ~ Provisional ~54:A WOUND, FOLDED, OR ROLLED ELECTROCHEMICAL APPARATUS COMPRISING OPPOSING CONDUCTIVE ELEMENTS SEPARATED BY A POROUS WATER-PERMEABLE INSULATING LAYER ~71:Dhanaseelan Naidoo, 116 Orient drive , Orient Hills ,Isipingo, South Africa ~72: Dhanaseelan Naidoo~

2026/00194 ~ Provisional ~54:SFLY WEARABLE AERIAL MOBILITY FLIGHT SYSTEM ~71:Lurtecia Veronique Nero, 14 Athens Avenue, South Africa ~72: Lurtecia Veronique Nero~

2026/00345 ~ Provisional ~54:SYSTEMS AND METHODS FOR VERIFIED WAGE–PRODUCTIVITY ELASTICITY COMPUTATION USING CANONICAL WAGE-NORMALIZED STATE OBJECTS, CAUSAL COUNTERFACTUAL IDENTIFICATION, AND POLICY-GOVERNED DISCLOSURE WITH TAMPER-EVIDENT AUDIT ARTIFACTS ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2026/00011 ~ Provisional ~54:SYSTEMS AND METHODS FOR IMPLEMENTING A WAGE-LINKED AFFORDABILITY PROTOCOL ENFORCING STATE-LOCKED DECISION THRESHOLDS FOR FAIR, EXPLAINABLE, AND AUDITABLE ECONOMIC DECISIONING ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2026/00020 ~ Provisional ~54:SYSTEMS AND METHODS FOR MANDATORY WAGE-NORMALIZED FINANCIAL DECISIONING TO SATISFY REGULATORY FAIRNESS, EXPLAINABILITY, AND AUDIT REQUIREMENTS ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2026/00024 ~ Provisional ~54:“A HYBRID AI-HUMAN CONTACT CENTRE AND BUSINESS ENGAGEMENT SYSTEM WITH REAL-TIME CLIENT DASHBOARD AND MULTI-PLATFORM ACCESSIBILITY” ~71:Thembelihle Glenda Shabangu, 41614 Ezakho Street Tsakane, South Africa ~72: Thembelihle Glenda Shabangu~

2026/00029 ~ Provisional ~54:FIREARM SAFETY INNOVATION (PP 2026) ~71:Wayne H Erasmus, 195 10th Avenue, South Africa ~72: Wayne H Erasmus~

2026/00037 ~ Provisional ~54:FAIL-OPERATIONAL ANALOG SAFETY LATCH SYSTEM WITH THERMAL COMPENSATION ~71:Zandile Mnguni, 5859 malefetse road, South Africa ~72: Zandile Mnguni~

2026/00040 ~ Complete ~54:AN ELECTRODE PAD WITH AN ANTI-DETACHMENT MECHANISM AND A DETACHMENT ALARM SYSTEM FOR ELECTROTHERAPY DEVICES ~71:The·Second Affiliated Hospitalof AnhuiUniversity·of Chinese·Medicine, No. 300, Shouchun Road, Hefei City, Anhui Province, People's Republic of China ~72: Cheng Jingyan;Hao Panfu;Li Xun;Liang Yueguang;Sun Shanbin;Zuo Na~

2026/00045 ~ Complete ~54:DETECTION DEVICE APPLICABLE TO TRACKS ~71:Nanjing Vocational College of Information Technology, No. 99, Wenlan Road, Xianlin University Town, Nanjing, Jiangsu, People's Republic of China ~72: Haifeng ZHAO;Yan GUO~ 33:CN ~31:2025114029963 ~32:28/09/2025

2026/00049 ~ Complete ~54:SYSTEM AND METHOD FOR TRAINING GENERATIVE ADVERSARIAL NETWORK AND BASED ON REVERSE TEACHER, ELECTRONIC DEVICE, STORAGE MEDIUM, AND PROGRAM PRODUCT ~71:TONGJI UNIVERSITY, No. 1239 Siping Road, Yangpu District,, People's Republic of China ~72: YE, Qiao~

2026/00092 ~ Complete ~54:HEALTH DATA MANAGEMENT METHOD AND SYSTEM BASED ON CLOUD COMPUTING ~71:Yuwei Yizhi Technology Development (Beijing) Co., Ltd., Room 831, 8th Floor, Building 6, Konggang Ronghuiyuan, Shunyi District, Beijing, People's Republic of China ~72: Jiyu GUAN~

2026/00105 ~ Complete ~54:TORSION SPRING TIGHTENING ASSEMBLY DEVICE ~71:Nanjing Vocational College of Information Technology, No. 99, Wenlan Road, Xianlin University Town, Nanjing, People's Republic of China ~72: Haifeng Zhao;Yan Guo~ 33:CN ~31:2025114030049 ~32:28/09/2025

2026/00119 ~ Complete ~54:A QUICKLY-INSTALLABLE SUPPORT STRUCTURE FOR OUTDOOR SPORTS NET ~71:Xinyu University, No. 2666, Yangguang Avenue, High-Tech Zone, Xinyu City, Jiangxi Province, People's Republic of China ~72: Chen Wei;Huang Taibin;Li Ling;Liang Jing;Xi Ying;Yang Zhiyu;Zou Wei~

2026/00137 ~ Complete ~54:MULTIFUNCTIONAL INTEGRATED WOUND DRESSING CHANGE CART ~71:SANYA CENTRAL HOSPITAL (HAINAN THIRD PEOPLE'S HOSPITAL), NO. 1154 JIEFANG ROAD, SANYA CITY, People's Republic of China ~72: GUO, Zexia;WEN, Jiao~

2026/00143 ~ Complete ~54:PHOTOVOLTAIC DEVICES COMPRISING ADHERING LAYERS ~71:EXEGER OPERATIONS AB, Box 55597, Sweden ~72: FILI, Giovanni;LINDSTRÖM, Henrik~ 33:EP ~31:23183717.0 ~32:05/07/2023

2026/00152 ~ Complete ~54:MANUFACTURING PROCESS OF STAINLESS STEEL PIPE ~71:ZHEJIANG YONGSHANG SPECIAL MATERIALS CO., LTD., 88 Jincang Road, Miaogao Subdistrict, Suichang County, Lishui, Zhejiang, 323300, People's Republic of China ~72: Deng Zhijian;Lei Zhishen;Lin Shangjie;Zhang Guangjin~

2026/00159 ~ Complete ~54:REINFORCED ROTOMOLDED BODY ~71:Softcar SA, Passage du Cardinal 1, FRIBOURG 1700, SWITZERLAND, Switzerland ~72: CROZIER, Etienne;HEISEL, Guillaume;LANDWERLIN, Stéphane;PLUQUET, Patrick;THULIEZ (Deceased), Jean-Luc;VIGOUROUX, Philippe~ 33:EP ~31:23184269.1 ~32:07/07/2023

2026/00191 ~ Provisional ~54:WEARABLE VITAL GUARDIAN WITH HUMAN-GATED DRAWER ~71:Ignatius Leopold Vermaak, 3645 Bosbok road, South Africa ~72: Ignatius Leopold Vermaak~

2026/00005 ~ Provisional ~54:BEHAVIOURAL MANUFACTURING INTELLIGENCE SYSTEM AND METHOD FOR BEHAVIOURAL STABILITY MODELLING ACROSS OPERATIONAL ENVIRONMENTS ~71:Mohale Mpesi, 4 LEEU LAAN, South Africa ~72: Mohale Mpesi~

2026/00032 ~ Provisional ~54:GRAVIGEM REVERSE GENERATION SYSTEM V3 ~71:Peter Phillip Jordaaan, 28 Marseille Crescent, South Africa ~72: Peter Phillip Jordaan~ 33:ZA ~31:2024/09827 ~32:19/12/2024

2026/00035 ~ Provisional ~54:VERIFICATION-DRIVEN DEPLOYMENT, IDENTITY, AND GOVERNANCE SYSTEM ~71:7 SLASH INNOVATIONS, 58 Van Den Heever Street, South Africa ~72: Thabang Timothy Mambalo~

2026/00055 ~ Complete ~54:A DISTRIBUTED BIG DATA KEY-VALUE AGGREGATION METHOD, APPARATUS, SYSTEM, AND STORAGE MEDIUM ~71:Beijing University of Posts and Telecommunications, No. 10, Xitucheng Road, Haidian District, Beijing, People's Republic of China ~72: Liu Yang~ 33:CN ~31:2025111132750 ~32:11/08/2025

2026/00061 ~ Complete ~54:METHOD FOR IMPROVING IRON GRADE OF MAGNETIC SEPARATION IRON CONCENTRATE FROM COPPER BENEFICATION TAILINGS OF COPPER SMELTING SLAG ~71:Zhengzhou Institute of Multipurpose Utilization of Mineral Resources, CAGS, No.328 Longhai West Road, Zhongyuan District, Zhengzhou City, Henan Province, People's Republic of China ~72: CAO Yaohua;LIANG Yudong;LIU Hongzhao;LIU Lin;WANG Hongliang;WANG Ke;WANG Wei;ZHANG Yongkang~ 33:CN ~31:2025117095666 ~32:20/11/2025

2026/00083 ~ Complete ~54:METHOD FOR EVALUATING RISK OF ROCK BURST BASED ON VIBRATION WAVES ~71:China University of Mining and Technology, Zhai Shan, South Suburbs, Xuzhou City, Jiangsu Province, People's Republic of China ~72: BAI Yun;GONG Peng;JI Ming;JU Minghe;LUO Ning;MENG Qingbin;SHANG Xiaoji;XIE Lixiang;YU Liyuan;ZHANG Zhizhen~

2026/00088 ~ Complete ~54:AN AUTOMATIC MATERIAL-SWITCHING DEVICE FOR A 3D PRINTER ~71:Shenzhen Longer Technology Co., Ltd., 2B1001, Phase II, Intelligent Park, No. 76 Baohe Avenue, Baolong Community, Baolong Sub-district, Longgang District, Shenzhen City, Guangdong Province, 518172, People's Republic of China ~72: Changshi Lao;Yongjun Hu~ 33:CN ~31:202511627695.0 ~32:07/11/2025

2026/00093 ~ Complete ~54:THERMO-ULTRASONIC COUPLING FOR PREVENTING ASPHALTENEENE-RESIN-PARAFFIN DEPOSITS IN PRODUCTION WELLS ~71:TITOVA Tatyana Alekseevna, Russia, Moscow, Lavochkina Street 24 ,apt 40, Moscow, 125499, Russian Federation ~72: TITOVA Tatyana Alekseevna~ 33:RU ~31:2025125637 ~32:17/09/2025

2026/00101 ~ Complete ~54:METHOD FOR NAVIGATING A MOBILE ROBOT IN AN URBAN ENVIRONMENT ~71:TITOV Valery Vyacheslavovich, Russia, Moscow, Lavochkina Street 24, Moscow, 125499, Russian Federation ~72: TITOV Valery Vyacheslavovich~ 33:RU ~31:2025126261 ~32:25/09/2025

2026/00113 ~ Complete ~54:LAKE AND RESERVOIR WATER TREATMENT EQUIPMENT BASED ON SOLAR ENERGY COMPOSITE ECOLOGICAL FLOATING ISLAND ~71:Xizang Jingu Technology Co., Ltd., Area A,Room 5,1-2 floors,Building 1,Zhongying Black Forest,Shangri-La Street, Liuwu New District, Lhasa City, Xizang Autonomous Region, 850000, People's Republic of China ~72: GUO Jia;TANG Xin~

2026/00123 ~ Complete ~54:A CRYSTALLIZATION PROCESS FOR 2-METHYL-4-AMINO-5-(THIOCARBAMOYLTHIO) PYRIMIDINE SODIUM SALT ~71:Jiangsu Brother Vitamins Co., Ltd., South side of Wei'er Road, Southern District of Marine Economic Development Zone, Dafeng District, Yancheng City, Jiangsu

Province, People's Republic of China ~72: Chenfeng Zhu;Feilong Sang;Jinfeng Wang;Xiaohai Xu~ 33:CN ~31:202511881208.3 ~32:12/12/2025

2026/00128 ~ Complete ~54:A CLOUD-BASED AI AUDITORIUM SEATING INFORMATION SYSTEM FIELD OF INVENTION ~71:MANIPAL UNIVERSITY JAIPUR, Dehmi Kalan, Off Jaipur-Ajmer Expressway, Jaipur, Rajasthan, 303007, India ~72: Dr Rajesh Handa;Mrs Poonam Handa~

2026/00133 ~ Complete ~54:MULTI-MODAL FUSION SWALLOWING DISORDER RECOGNITION AND EVALUATION SYSTEM FOR DISABLED ELDERS IN OLD-AGE CARE INSTITUTIONS ~71:Guangxi Medical University, No.22 Shuangyong Road, Qingxiu District, Nanning City, Guangxi, 530021, People's Republic of China ~72: Li Fei~

2026/00138 ~ Complete ~54:SINTERING MACHINE HEAD ELECTROSTATIC PRECIPITATION SYSTEM AND METHOD ~71:BEIJING LONGYUANWEIDE ENERGY TECHNOLOGY CO., LTD., Room 1402-3, Floor 14, Building 1, No. 4 Courtyard, Huangchuanbu Street, Tongzhou District, Beijing, 101100, People's Republic of China ~72: DONG DONG;DUNKAI ZHANG;HAIJIANG MIAO;LILI ZHANG;WEIWEI YI;WENLI HOU;XIAODONG XUE;YANJING ZHANG;YONG YUE~ 33:CN ~31:202510979658.X ~32:16/07/2025

2026/00142 ~ Complete ~54:PHARMACEUTICAL COMPOSITIONS FOR INHIBITORS OF NEK7 KINASE ~71:HALIA THERAPEUTICS, INC., 3900 North Traverse Mountain Blvd., Suite 100, United States of America ~72: BEARSS, David James;JANAT-AMSBURY, Margit~ 33:US ~31:63/512,188 ~32:06/07/2023;33:US ~31:63/657,018 ~32:06/06/2024

2026/00153 ~ Complete ~54:USE OF COMBINATION OF OLANZAPINE WITH QUERCETIN IN TREATING AND/OR AMELIORATING SCHIZOPHRENIA ~71:CHAOHU HOSPITAL OF ANHUI MEDICAL UNIVERSITY, No.64, Chaohu North Road, Chaohu City, Hefei, Anhui, 238000, People's Republic of China ~72: LI, Mengdie;LIU, Huanzhong;SONG, Zhen;WEI, Chuke;YANG, Yating;ZHANG, Ling~ 33:CN ~31:202311381361.0 ~32:24/10/2023

2026/00157 ~ Complete ~54:NUCLEAR REACTOR, REACTOR INTERNAL, AND METHOD FOR DESIGNING SAME ~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: CHEN, Yuqing;DING, Zonghua;HUANG, Lei;LIN, Shaoxuan;LU, Hongzao;SHAO, Changlei;TANG, Lichen;WU, Jianbang;XUE, Guohong;YAN, Jinquan;ZHANG, Wei;ZHENG, Mingguang;ZHOU, Quan~ 33:CN ~31:202310667430.8 ~32:06/06/2023

2026/00171 ~ Complete ~54:QUALITY DETECTION METHOD FOR WHARF ARMOR BLOCK ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: JINGJUN LI~ 33:CN ~31:2025105921186 ~32:08/05/2025

2026/00008 ~ Provisional ~54:SYSTEMS AND METHODS FOR IRREDUCIBLE WAGE-ADJUSTED ECONOMIC STATE COMPUTATION FOR FAIR AFFORDABILITY, RISK, AND PRICING UNDER EXPLAINABILITY AND AUDIT CONSTRAINTS ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2026/00012 ~ Provisional ~54:REGENERATIVE VALUE TRANSLATION LAYER (RVTL) ~71:7 SLASH INNOVATIONS, 58 Van Den Heever Street, South Africa ~72: Thabang Timothy Mambalo~

2026/00015 ~ Provisional ~54:SYSTEMS AND METHODS FOR COUNTERFACTUAL WAGE-DEPENDENT ECONOMIC STATE EVALUATION ACROSS TIME FOR GOVERNED FINANCIAL DECISIONING ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2026/00017 ~ Provisional ~54:IZWE ORBIT ~71:7 SLASH INNOVATIONS, 58 Van Den Heever Street, South Africa ~72: Thabang Timothy Mambalo~

2026/00022 ~ Provisional ~54:REGENERATIVE MEASUREMENT OF VERIFIED EVENTS (RMOVE) ~71:7 SLASH INNOVATIONS, 58 Van Den Heever Street, South Africa ~72: Thabang Timothy Mambalo~

2026/00034 ~ Provisional ~54:THE VTC PROJECT, A METHOD AND SYSTEM FOR QUANTIFYING TELECOMMUNICATIONS INFRASTRUCTURE THROUGHPUT INTO A DISTRIBUTED LEDGER ASSET ~71:Skhulile Mthembu, 117 Wilhelmina Avenue Constantia Kloof Roodeport, South Africa ~72: Skhulile Mthembu~

2026/00051 ~ Complete ~54:PREPARATION FOR PREVENTING PHYSIOLOGICAL FRUIT DROP OF APPLES AND USAGE METHOD THEREOF ~71:Shandong Institute of Pomology, No.66 Longtan Road, Tai'an City, Shandong Province, People's Republic of China ~72: LU Ninglin;NIE Peixian;WANG Laiping;WANG Xiaoqin;XUE Xiaomin~

2026/00062 ~ Complete ~54:AN IN-NETWORK AGGREGATION METHOD, DEVICE, SYSTEM, AND STORAGE MEDIUM ~71:Beijing University of Posts and Telecommunications, No. 10, Xitucheng Road, Haidian District, Beijing, People's Republic of China ~72: Liu Yang~ 33:CN ~31:2025115418225 ~32:27/10/2025

2026/00066 ~ Complete ~54:METHOD AND DEVICE FOR AUXILIARY REHABILITATION OF COGNITIVE IMPAIRMENT AFTER STROKE BASED ON VIRTUAL AND AUGMENTED REALITY ~71:The·Second Affiliated Hospitalof AnhuiUniversity·of Chinese·Medicine, No. 300, Shouchun Road, Hefei City, Anhui Province, People's Republic of China ~72: Chen Manman;Lu Ruli;Wang Ting;Wang Wei;Wu Liping;Ye Zixuan;You Min~

2026/00085 ~ Complete ~54:A COMBINED OIL WELL PUMP ~71:Henan Zyzj Pump Equipment Co. Ltd, No. 465 Daqing Road, Hualong District, Puyang City, Henan Province, 457001, People's Republic of China ~72: An Xiaoqiang;Huang Yongchao;Liu Qingqing;Tang Bing;Tang Yong;Wang Xiaofei;Wang Zengdi;Zhang Shenghua~

2026/00097 ~ Complete ~54:UV-RESPONSIVE DYNAMIC COLOR-CHANGING AUTOMOTIVE HEAT-INSULATION FILM AND PREPARATION METHOD THEREOF ~71:Jingwen Zheng, (Shucheng Glasses) 50 Meters Northeast Corner Of Dongying South Road And Xueyuan Street, Saihan District, Hohhot City, Inner Mongolia, People's Republic of China ~72: Jingwen Zheng;Qinglu Zheng~ 33:CN ~31:2025116296475 ~32:08/11/2025

2026/00104 ~ Complete ~54:A MULTI-UNIT LUBRICATING OIL PUMP ~71:Sichuan Aerospace Shiyuan Technology Co., Ltd., No. 118, Hangtian North Road, Longquan Street, Economic and Technological Development Zone (Longquanyi District), Chengdu City, Sichuan Province, People's Republic of China ~72: Hu Wenqiang;Jiang Wenmiao;Jiang Yinlong~ 33:CN ~31:2025102386851 ~32:03/03/2025

2026/00112 ~ Complete ~54:A DEVICE SECURITY PROTECTION METHOD, APPARATUS, DEVICE AND MEDIUM FOR DETERMINISTIC NETWORK ~71:Shandong Polytechnic, No. 23000, East Jingshi Road, Jinan City, Shandong Province, 250104, People's Republic of China ~72: Li Lin;Li Ting;Liu Zhijie;Niu Wenqi~

2026/00120 ~ Complete ~54:SMART AGRICULTURAL SOIL POLLUTANT UNMANNED AERIAL VEHICLE ALL-WEATHER THREE-DIMENSIONAL MONITORING AND QUANTIFICATION METHOD ~71:WUWEI VOCATIONAL AND TECHNICAL UNIVERSITY, NO.1 XUEFU ROAD, XIGUAN SUBDISTRICT, LIANGZHOU DISTRICT, WUWEI CITY,, People's Republic of China ~72: CAI, Hai;GONG, Jianjun;JIA, Hui;LIANG, Bo;WANG, Zhaojun~ 33:CN ~31:2025118562675 ~32:12/12/2025

2026/00125 ~ Complete ~54:METHOD FOR CONFIGURING INTELLIGENT CHARGING SYSTEM FOR ELECTRIC VEHICLES IN EXPRESSWAY SERVICE AREAS ~71:Anhui Wanjiang Expressway Co., Ltd., Room 407, Building 1, Innovation Plaza, Tsinghua Qidi Science City, No. 312 Qinghua Road, Economic and Technological Development Zone, Hefei City, Anhui Province, 230601, People's Republic of China;Anhui Wutong Yangtze River Expressway Co., Ltd., Room 106, Fund Building, No. 266 Fanhua Avenue, Economic and Technological Development Zone, Hefei City, Anhui Province, 230601, People's Republic of China;CHANG'AN UNIVERSITY, Middle-section of Nan'er Huan Road, Yanta District, Xi'an City, Shaanxi Province, 710000, People's Republic of China ~72: Dongdong YUAN;Guoquan WANG;Jingjing XIAO;Lianguo CHENG;Muqing YAO;Nianwen YAO;Renfu ZHOU;Shuo ZHANG;Song ZHANG;Wei JIANG;Weixiang WANG;Zhufa CHU;Zunbiao WANG~ 33:CN ~31:2025116688772 ~32:14/11/2025

2026/00129 ~ Complete ~54:DEVICE FOR PAEDIATRIC OPHTHALMIC STRABISMUS CORRECTION AND METHOD OF USE ~71:LIANG Lifang, Zhujiang Hospital, No. 253 Industrial Avenue, Haizhu District, Guangzhou City, Guangdong Province, 510280, People's Republic of China ~72: LIANG Lifang~

2026/00134 ~ Complete ~54:PREPARATION METHOD OF GREEN AND HEALTHY TURTLE FEED ~71:Institute of Animal Husbandry and Veterinary Medicine, Jiangxi Academy of Agricultural Sciences, No. 602, Nanlian Road, Qingyunpu District, Nanchang City, Jiangxi Province, 330200, People's Republic of China ~72: GUO Xiaoze;LI Lingya;LI Siming;LIU Wenshu;LIU Wenyu;LU Jingjing;TANG Yanqiang;WANG Yuzhu;WANG Zirui;XIAO Haihong~

2026/00154 ~ Complete ~54:MECHANISM FOR ONLINE CONTINUOUS PURIFICATION OF HYDRAULIC AND/OR LUBRICATING OIL USING AVAILABLE SYSTEM PRESSURE ~71:VATTURKAR, Sheetal, B 14/4 Bandhan Society,, Kothrud, Pune, Maharashtra, 411038, India ~72: VATTURKAR, Sheetal~ 33:IN ~31:202321042375 ~32:24/06/2023

2026/00001 ~ Provisional ~54:HEMPCRETE MODULAR HABITAT SYSTEM (HMHS) ~71:7 SLASH INNOVATIONS, 58 Van Den Heever Street, South Africa ~72: Thabang Timothy Mambalo~

2026/00188 ~ Provisional ~54:LOST AND FOUND ~71:Sipho Godfrey November, 5954 Maseti Street, South Africa ~72: Sipho Godfrey November~ 33:ZA ~31:10 ~32:28/12/2025

2026/00193 ~ Provisional ~54:WHISPER ER – DYNAMIC LOBBY TRIAGE SYSTEM WITH HUMAN-GATED HEAT MAPPING AND DROID DISPATCH ~71:Ignatius Leopold Vermaak, 3645 Bosbok road, South Africa ~72: Ignatius Leopold Vermaak~

2026/00009 ~ Provisional ~54:URINAL COVERS ~71:TEBOGO ISHMAEL MASELWA, 1923 Block M ext, South Africa;TEBOGO ISHMAEL MASELWA, 1923 Block M ext, South Africa ~72: TEBOGO ISHMAEL MASELWA~

2026/00019 ~ Provisional ~54:A COMMERCIAL UNMANNED CARGO-CARRYING SUBMARINE SYSTEM WITH MODULAR CARGO PODS FOR REDUCED-RISK MARITIME LOGISTICS ~71:Sebe James Kgati, 2389 Westbrook Estate, South Africa ~72: Sebe James Kgati~

2026/00031 ~ Provisional ~54:AUTONOMOUS BIOSECURITY DRONE WITH VACCINE-SPRAYING SYSTEM AND INTELLIGENT SENSOR CONTROL FOR LIVESTOCK PRODUCTION ~71:Gaoagwe Jeje, 11712 Lonely Park, South Africa ~72: Gaoagwe Jeje~

2026/00033 ~ Provisional ~54:PHYSICAL BIOMETRIC LAYER FOR FIDO2 - BIOLOGICAL INTENT PROTOCOL ~71:Mohau Ditshego Vincent Chopo, 1 Kina street, 45 Sunset ridge, Johannesburg, Gauteng, South Africa ~72: Mohau Chopo~

2026/00054 ~ Complete ~54:THREE-POINT BENDING TEST APPARATUS AND METHOD FOR ROCK SPECIMENS OF DIFFERENT SPECIFICATIONS ~71:China University of Geosciences, NO.388, Lumo road, Hongshan District, Wuhan, Hubei Province, 430074, People's Republic of China ~72: CHENG Yi;LI Songling;LUO Chengbin;SONG Qiujie;ZUO Changqun~

2026/00065 ~ Complete ~54:EGG YOLK GRANULE-CURCUMIN NANOCOMPOSITE, PREPARATION METHOD AND APPLICATION THEREOF ~71:Ningbo J&S Botanics Co.,LTD., 529 Yuanbaoshan Road, Daqi Sub-district, Beilun District, Ningbo City, Zhejiang Province, 315806, People's Republic of China;Ningbo Polytechnic University, 388 East Lushan Road, Economic and Technological Development Zone, Ningbo City, Zhejiang Province, 315000, People's Republic of China ~72: CAI Yaomin;HAN Xue;LIU Xingyan;LIU Xujia;YANG Yan~

2026/00068 ~ Complete ~54:A METHOD BASED ON THE ILEAL MICROBIOTA-BILE ACID AXIS TO EVALUATE THE EFFICACY OF A CHINESE HERBAL COMPOUND IN TREATING MASLD ~71:Shanxi Provincial Integrated TCM And WM Hospital, No. 13 Fudong Street, Xinghualing District, Taiyuan City, Shanxi Province, 030002, People's Republic of China;Shanxi University of Chinese Medicine, No. 121 Daxue Street, University Park, Jinzhong City, Shanxi Province, 030619, People's Republic of China ~72: Guiyu Wang;Jianguo Wang;Lin Lai;Liu Qi;Yuting Gao;Zhuoyue Jia~

2026/00076 ~ Complete ~54:MULTI-GRADIENT EIGENVALUE-BASED MAGNETIC BARKHAUSEN NOISE NON-DESTRUCTIVE TESTING METHOD ~71:Nanjing University of Aeronautics and Astronautics, No. 29, Yudao Street, Qinhuai District, Nanjing City, Jiangsu Province, 210016, People's Republic of China;Tangshan University, 9 Daxue West Road, Tangshan City, Hebei Province, 063000, People's Republic of China ~72: CHEN, Xi;DI, Jingyu;LI, Jing;SHI, Yu;WANG, Jie;WANG, Ping~

2026/00080 ~ Complete ~54:METHOD FOR CREATING A SAFE ZONE AT AN UNREGULATED PEDESTRIAN CROSSING FOR THE MOVEMENT OF MOBILE ROBOTS ~71:TITOV Mark Valerievich, Russia, Moscow, Lavochkina Street 24 ,apt 40, Moscow, 125499, Russian Federation ~72: TITOV Mark Valerievich~ 33:RU ~31:2025126694 ~32:29/09/2025

2026/00086 ~ Complete ~54:RECYCLED CONCRETE-FILLED STEEL TUBE COLUMN ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467041, People's Republic of China ~72: GE, Hua;HOU, Chunxu;LOU, Yafei;OUYANG, Kai;QU, Songzhao;SHANG, Feng;WANG, Yi~

2026/00091 ~ Complete ~54:AN OIL PUMP PREVENTING PISTON OIL LEAKAGE ~71:Henan Zyzj Pump Equipment Co., Ltd, No. 465 Daqing Road, Hualong District, Puyang City, Henan Province, 457001, People's Republic of China ~72: An Xiaoqiang;Huang Yongchao;Liu Qingqing;Tang Bing;Tang Yong;Wang Xiaofei;Wang Zengdi;Zhang Shenghua~

2026/00102 ~ Complete ~54:MULTIFUNCTIONAL WATER DISPENSER ~71:Zhongwei Ren, No. 56, Donger Group, Huji Village, Lanshan Town, Suining County, Xuzhou City, Jiangsu Province, 221200, People's Republic of China ~72: Zhongwei Ren~ 33:CN ~31:2025225730717 ~32:04/12/2025

2026/00114 ~ Complete ~54:CRYOGENIC-RESISTANT SPODUMENE FLOTATION COLLECTOR, PREPARATION METHOD AND APPLICATION THEREOF ~71:Kunming University of Science and Technology, No.68 Wenchang Road, 121 Street, Kunming City, Yunnan Province, 650093, People's Republic of China ~72: CHEN Guangpeng;HAO Jiamei;HUANG Rong;LIAO Runpeng;LIU Dan;LIU Jian~ 33:CN ~31:2025119202592 ~32:18/12/2025

2026/00124 ~ Complete ~54:METHOD FOR EXTRACTING MINERAL ALTERATION FEATURES BASED ON HYPERSPECTRAL REMOTE SENSING TECHNOLOGY ~71:SHANDONG GOLD GROUP CO., LTD., No. 2503 Jingshi Road, Licheng District, Jinan City, Shandong Province, 250100, People's Republic of China ~72: Bingyu Chen;Guangjun Guo;Hanwen Jia;Hongtao Bi;Qing Zhang;Yaomeng Xiao~ 33:CN ~31:202511220439X ~32:29/08/2025

2026/00177 ~ Complete ~54:METHOD FOR CONSTRUCTING A WAVE WALL ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: JIAYAN YANG~ 33:CN ~31:2025107817416 ~32:12/06/2025

2026/00183 ~ Complete ~54:FORMULATIONS AND METHODS FOR TREATING NEUROPSYCHIATRIC DISORDERS ~71:HB BIOTECH, INC., 515 West 20th Street, #4E, New York, New York 10011, United States of America ~72: ALON SEIFAN;ANISH DHANARAJAN;FRANCESCA MINALE;TOMER SEIFAN~ 33:US ~31:63/472,213 ~32:09/06/2023

2026/00131 ~ Complete ~54:TISSUE CULTURE METHOD OF RHODIOLA CRENULATA ~71:DEXING RESEARCH AND TRAINING CENTER OF CHINESE MEDICAL SCIENCES, Research and Training Center of China Academy of Chinese Medical Sciences (Dexing), Huaqiao Town, Dexing City, Shangrao City, Jiangxi Province 334213, People's Republic of China;INSTITUTE OF CHINESE MATERIA MEDICA CHINA ACADEMY OF CHINESE MEDICAL SCIENCES, No. 16, Nanxiao Street, Dongzhimen, Dongcheng District, Beijing 100700, People's Republic of China ~72: DAI Xiaoyu;GUO Lanping;KANG Chuanzhi;LI Qi;SUI Mengfei;WANG Sheng;WU Dehua;ZHANG Chengcai~ 33:CN ~31:2025103550374 ~32:25/03/2025

2026/00132 ~ Complete ~54:DETECTION METHOD FOR NANO-CERAMIC COATINGS ~71:Dalian Customs Technology Center, No. 60, East Changjiang Road, Zhongshan District, Dalian, Liaoning Province, 116001, People's Republic of China ~72: WAN Chao;WANG Guibin;WANG Lei;ZHAO Huijun~

2026/00144 ~ Complete ~54:DEVICE AND METHODS FOR ADMINISTERING A THERAPEUTIC COMPOSITION TO THE PHARYNGEAL MUSCLE ~71:BENITEC IP HOLDINGS INC., Corporation Trust Centre, 1209 Orange Street, United States of America ~72: BANKS, Jerel;MUKADAM, Sophie;ST-GUILY, Jean Lacau~ 33:US ~31:63/510,750 ~32:28/06/2023

2026/00147 ~ Complete ~54:METHOD FOR SURFACE TREATMENT OF A STEEL MECHANICAL PART TO IMPROVE ITS RESISTANCE TO WEAR AND CORROSION, UNDER HARSH STRESSES ~71:HYDROMECANIQUE ET FROTTEMENT, 69 Avenue Benoît Fourneyron, France ~72: MAGDINIER, Pierre Louis;MONTEUX, Vincent~ 33:FR ~31:FR2308492 ~32:04/08/2023

2026/00160 ~ Complete ~54:SULFUR DIOXIDE DOSING APPARATUS AND METHOD ~71:Ingeagro Sociedad Anónima, Troncal San Pedro 2777, QUILLOTA 2263782, CHILE, Chile ~72: YAKASOVIC SAAVEDRA, Tomás Iván~ 33:CL ~31:202301638 ~32:06/06/2023

2026/00163 ~ Complete ~54:METHOD FOR ROBOT-ASSISTED SEWING OF A PLURALITY OF FABRIC LAYERS ~71:SILANA GMBH, Neustiftgasse 78/23, 1070, Wien, Austria ~72: ANTON WOHLGEMUTH;MICHAEL HOFMANNRICHTER;MICHAEL MAYR;URS HUNZIKER~ 33:DE ~31:10 2023 114 965.2 ~32:07/06/2023

2026/00169 ~ Complete ~54:PLANTS WITH AGRONOMIC CHARACTERISTICS IMPROVED BY SUPPRESSION OF AIP10/ABAP1 REGULATORY NETWORK GENES ~71:HAPISEEDS PESQUISA E DESENVOLVIMENTO LTDA., Rua Hélio de Almeida, s/n°, Incubadora de empresas COPPE/UFRJ, Prédio 1, Cidade Universitária 21941-614 Rio de Janeiro - RJ, Brazil;UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, Rua Aloísio Teixeira, 278 - Prédio 2, Ilha da Cidade Universitária 21941-850 Rio de Janeiro - RJ, Brazil ~72: ADRIANA SILVA HEMERLY;ALINE CARDOZO ROSMAN;ALINE KÖHN CARNEIRO;FERNANDA SILVA

COELHO;HELKIN GIOVANI FORERO BALLESTEROS;JANICE BARBOSA DE ALMEIDA;JOÃO VICTOR SILVA DE OLIVEIRA;MARIA CLARA DE OLIVEIRA URQUIAGA;MIRIELSON LOURES DA SILVA;PATRÍCIA DA FONSECA MONTESSORO~ 33:BR ~31:PCT/BR2023/050166 ~32:30/05/2023;33:BR ~31:1020230107290 ~32:31/05/2023;33:BR ~31:1020230174779 ~32:29/08/2023

2026/00172 ~ Complete ~54:CAISSON PREFABRICATION METHOD ~71:CHINA HARBOUR ENGINEERING COMPANY LTD., No. 9, Chunxiu Road, Dongcheng District, Beijing 100027, People's Republic of China ~72: BAOHE LIU~ 33:CN ~31:2025106775327 ~32:23/05/2025

2026/00180 ~ Complete ~54:FOLDABLE ELECTRONIC DEVICE ~71:SAMSUNG ELECTRONICS CO., LTD., 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea ~72: CHANGHEE PARK;SEONWOO HA;YEONHUN RYU~ 33:KR ~31:10-2023-0085185 ~32:30/06/2023;33:KR ~31:10-2023-0109186 ~32:21/08/2023

2026/00186 ~ Complete ~54:A UBI HAZARDOUS CHEMICAL VEHICLE DRIVING BEHAVIOR RISK ASSESSMENT AND PREMIUM DISCOUNT METHOD ~71:Shanghai Lingang TongJi University Advanced Technology Research Institute, Room 309, Unit 303-313, No. 1 Shengang Avenue, China (Shanghai) Pilot Free Trade Zone Lingang New Area, Pudong New District, People's Republic of China;TongJi University, No. 1239, Siping Road, Yangpu District, People's Republic of China ~72: FU Ting;SHANGGUAN Qiangqiang;WANG Junhua;YAN Yan~

2026/00556 ~ Provisional ~54:A SYSTEM AND METHOD FOR MEDIATING ACTION AUTHORISATION VIA SOCIAL CONSENSUS WITH USER-CONTROLLED PRIVACY AND MULTI-CHANNEL INTERACTION ~71:Thabiso Mike Letlala, 2404 Phase 2, Bluegumbosch, South Africa ~72: Thabiso Mike Letlala~

. - APPLIED ON 2026/01/06 -

2026/00287 ~ Provisional ~54:TAXI SA ~71:PHINDULO, 53 Spoorlyn, South Africa ~72: Phindulo Nengudza~

2026/00206 ~ Complete ~54:DAMPING STRUCTURE FOR FRAME BEAM-COLUMN JOINTS ~71:Anhui Water Conservancy Technical College, No. 18 Dongmenhe Road, Hefei City, Anhui Province, 231603, People's Republic of China ~72: GUO Mengmeng;TAO Wenbin;WANG Chunxiu;WANG Wenjing;YAO Shang;ZHOU Zeyuan~

2026/00208 ~ Complete ~54:POTASSIUM SODIUM NIOBATE CERAMIC AND PREPARATION METHOD THEREOF ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: LI Qingxiao;LIU Conghe;LUO Qing;REN Kexin;SHI Jinjin;WANG Jina;XU Kaidong;XU Longyun;XUE Kaiwang;YU Lixin;ZHANG Xiaoting;ZHANG Yifan~

2026/00211 ~ Complete ~54:PREPARATION METHOD OF BEESWAX GEL OIL ~71:Sichuan Tourism University, No. 459, Hongling Road, Longquanyi District, Chengdu City, Sichuan Province, People's Republic of China ~72: DENG Xiaoqing;JI Derong;YAN Meng;ZHOU Yidan~

2026/00216 ~ Complete ~54:A STAPLER WITH A ROTARY POSITIONING STRUCTURE ~71:Shanghai East Hospital (Affiliated East Hospital of Tongji University), No. 150, Jimo Road, Pudong New Area, Shanghai City, 215000, People's Republic of China ~72: Changqing Ai;Fan Wu;Fang Wang;Lin Liu;Tengfei Wu;Wei Wu~

2026/00219 ~ Complete ~54:OXAZOLIDINONE COMPOUNDS, LIPOSOME COMPOSITIONS COMPRISING OXAZOLIDINONE COMPOUNDS AND METHODS OF USE THEREOF ~71:AKAGERA MEDICINES, INC., 5 Essex Street, Boxford, Massachusetts, 01921, United States of America ~72: ALEXANDER

KOSHKARYEV;CHARLES O NOBLE;DARYL C DRUMMOND;DMITRI B KIRPOTIN;SURESH K TIPPARAJU~ 33:US ~31:63/040,810 ~32:18/06/2020;33:US ~31:17/351,631 ~32:18/06/2021

2026/00225 ~ Complete ~54:INTEGRATED RECLOSER ~71:ANHUI XIANGDENG ELECTRIC CO., LTD, No. 808 Taiji Avenue, Guangde County, Xuancheng City, Anhui Province, Xuancheng, Anhui 242299, People's Republic of China ~72: HAN, Liangchun~

2026/00237 ~ Complete ~54:SUN-PROTECTION MULTIPLE GLAZING COMPRISING A COATING WITH INFRARED REFLECTION PROPERTIES AND AN ANTI-REFLECTIVE COATING ~71:Saint-Gobain Glass France, Tour Saint-Gobain, 12 Place de l'Iris, COURBEVOIE 92400, FRANCE, France ~72: BARRES, Thomas;WILMET, Maxence~ 33:FR ~31:FR2307841 ~32:21/07/2023

2026/00195 ~ Provisional ~54:STATECOMN ~71:BHEKI MAHLANGU, STAND NO 404 MANDELA, South Africa;TimothyJabulani Mahlangu, 404 Mandela Village, South Africa;VICTOR LINDOKUHLE MAHLANGU, STAND NO 404 MANDELA, South Africa ~72: BHEKI MAHLANGU;TimothyJabulani Mahlangu;VICTOR LINDOKUHLE MAHLANGU~

2026/00200 ~ Complete ~54:ARTIFICIAL INTELLIGENCE BASED PHARMACEUTICAL SERVICE PROMOTION ANALYSIS METHOD ~71:JIANGSU COLLEGE OF NURSING, NO. 9 SCIENCE AND TECHNOLOGY AVENUE, QINGJIANGPU DISTRICT, HUAI'AN CITY, People's Republic of China ~72: DING, Xu;FAN, Na;SUN, Zhiyao;TAN, Dongming;ZHU, Li~ 33:CN ~31:2025110893519 ~32:05/08/2025

2026/00228 ~ Complete ~54:METHODS OF TREATMENT USING AN ANTI-ABETA PROTOFIBRIL ANTIBODY ~71:Eisai R&D Management Co., Ltd., 6-10 Koishikawa, 4-Chome, Bunkyo-ku, TOKYO 112-8088, JAPAN, Japan ~72: DHADDA, Shobha;HERSCH, Steven;IRIZARRY, Michael;KOYAMA, Akihiko;KRAMER, Lynn;REYDERMAN, Larisa;SACHDEV, Pallavi;WILLIS, Brian~ 33:US ~31:63/507,400 ~32:09/06/2023;33:US ~31:63/572,110 ~32:29/03/2024;33:US ~31:63/648,077 ~32:15/05/2024

2026/00240 ~ Complete ~54:ANTI-TIGIT ANTIBODIES AND USES THEREOF ~71:WUXI BIOLOGICS IRELAND LIMITED, Mullagharlin, Dundalk, Co Louth, A91 X56F, Ireland ~72: BAOTIAN YANG;FANGFANG LUO;HAIQING CHEN;JIJIE GU;SIWEI NIE;YONG ZHENG;ZHONGSHUANG LIANG~ 33:CN ~31:PCT/CN2023/098574 ~32:06/06/2023

2026/00196 ~ Provisional ~54:GAIRNET ~71:PRINCESS THULISILE MAHLANGU, STAND NO 404 MANDELA, South Africa;TimothyJabulani Mahlangu, 404 Mandela Village, South Africa;VICTOR LINDOKUHLE MAHLANGU, STAND NO 404 MANDELA, South Africa ~72: PRINCESS THULISILE MAHLANGU;TimothyJabulani Mahlangu;VICTOR LINDOKUHLE MAHLANGU~

2026/00202 ~ Complete ~54:MULTIFUNCTIONAL TOOL KIT FOR SONG DYNASTY HISTORICAL RESEARCH ~71:HUAINAN NORMAL UNIVERSITY, DONGSHAN WEST ROAD, TIANJIA'AN DISTRICT, HUAINAN CITY, People's Republic of China ~72: JIN, Cheng~

2026/00215 ~ Complete ~54:A METHOD FOR REDUCING ARSENIC AND IMPROVING QUALITY OF FINE PARTICLE HIGH-ARSENIC COPPER CONCENTRATE ~71:Kunming University of Science and Technology, No. 68, Wenchang Road, 121st Street, Wuhua District, Yunnan Province, 650031, People's Republic of China ~72: Chao Lv;Dianwen Liu;Dongsheng Xiao;Haiyun Xie;Lingpan Du;Peilun Shen;Qihao Gui;Taiguo Jiang;Xinyi Zhang;Yinyu Ma;Zhicong Wei~ 33:CN ~31:202511829489.8 ~32:05/12/2025

2026/00231 ~ Complete ~54:5-HTR1B MODULATOR FOR USE IN THE TREATMENT OF SOLID TUMOURS ~71:Leukos Biotech SL, C/Muntaner 383, 3º 2ª, BARCELONA 08021, SPAIN, Spain ~72: CAMACHO GOMEZ,

Juan;CASTRO PALOMINO, Julio;MUÑOZ RISUEÑO, Ruth;RUIZ-AVILA, Luis~ 33:EP ~31:23382604.9 ~32:16/06/2023

2026/00242 ~ Complete ~54:CLEC9A-BASED CHIMERIC PROTEIN FORMULATIONS ~71:ORIONIS BIOSCIENCES, INC., 950 Winter Street Waltham, Massachusetts, 02451, United States of America ~72: DORIEN VAN LYSEBETTEN;ERIK DEPLA;NIKOLAI KLEY~ 33:US ~31:63/507,263 ~32:09/06/2023

2026/00243 ~ Provisional ~54:MR SAFE.JOBS APP SMART PHONE(FOR IOS AND ADROID) ~71:LESEDI BESTWISHES KGWADI, 1123 BLOCK 8, DOORNKOP, 1865, South Africa ~72: LESEDI BESTWISHES KGWADI~

2026/00198 ~ Provisional ~54:MULTI-FUNCTIONAL TELESCOPIC TROLLEY WITH MODULAR STORAGE UNITS AND INTEGRATED ELECTRONICS ~71:Pulane Shabalala, 326 January Street Retswelele, South Africa ~72: Pulane Shabalala~

2026/00209 ~ Complete ~54:AUTOMATIC OBSTACLE AVOIDANCE CONTROL SYSTEM FOR ROBOTS BASED ON SURFACE AND UNDERWATER OBSTACLE RECOGNITION ~71:Xizang Jingu Technology Co., Ltd., Area A,Room 5,1-2 floors,Building 1,Zhongying Black Forest,Shangri-La Street, Liuwu New District, Lhasa City, Xizang Autonomous Region, 850000, People's Republic of China ~72: GUO Jia;TANG Xin~

2026/00212 ~ Complete ~54:USE OF CELL SWITCH ASSISTANCE INFORMATION FOR SSB SEARCHING DURING SATELLITE SWITCHING ~71:NOKIA TECHNOLOGIES OY, KARAKAARI 7, 02610 ESPOO, FINLAND, Finland ~72: FREDERIKSEN, Frank;JUAN, Enric;STANCZAK, Jedrzej;WIGARD, Jeroen~ 33:GB ~31:2311962.1 ~32:04/08/2023

2026/00217 ~ Complete ~54:FOLDABLE EARTH-RETAINING SUPPORT PLATE FOR FOUNDATION PIT SLOPE PROTECTION ~71:Chongqing Polytechnic University of Electronic Technology, No. 76, Daxuecheng East Road, Shapingba District, Chongqing City, 401331, People's Republic of China ~72: Junbo Pan;Yan Shen;Yu Peng~

2026/00224 ~ Complete ~54:PROCESSING METHOD FOR CORROSION-RESISTANT SEAMLESS STEEL PIPES ~71:ZHEJIANG YONGSHANG SPECIAL MATERIALS CO., LTD., 88 Jincang Road, Miaogao Subdistrict, Suichang County, Lishui, Zhejiang, 323300, People's Republic of China ~72: Fang Dewei;Shao Jiangang;Zhang Guangjin;Zhang Ting~

2026/00233 ~ Complete ~54:OPTIMIZATION USE OF BATTERY ELECTRIC MINE VEHICLES BASED ON SIMULATIONS ~71:Modular Mining Systems, Inc., 3289 E. Hemisphere Loop, TUCSON 85706-5028, AZ, USA, United States of America ~72: CHOWDU, Akshay;EVERLY, Kyle;POHL, Josiah;UTTER, Christopher~ 33:US ~31:63/507,943 ~32:13/06/2023

2026/00241 ~ Complete ~54:LID ASSEMBLY FOR BEVERAGE CONTAINER ~71:YETI COOLERS, LLC, 7601 Southwest Parkway, Austin, Texas, 78735, United States of America ~72: DUSTIN R BULLOCK;HECTOR BAREA~ 33:US ~31:63/471,698 ~32:07/06/2023

2026/00199 ~ Complete ~54:FERTILIZATION DEVICE FOR RICE CULTIVATION ~71:DINGYUAN TIANHE AGRICULTURAL MACHINERY SERVICE COOPERATIVE, TIANHE STREET, DINGYUAN COUNTY, CHUZHOU CITY, People's Republic of China;HUAINAN NORMAL UNIVERSITY, DONGSHAN WEST ROAD, TIANJIA'AN DISTRICT, HUAINAN CITY, People's Republic of China ~72: CHEN, Guang;SHI, Cui'e;WANG, Changgui~

2026/00204 ~ Complete ~54:METAL ION-DOPED POTASSIUM SODIUM NIOBATE CERAMIC AND PREPARATION METHOD THEREOF ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: CAI Yiqing;CHE Yongkang;FENG Wenjie;LI Qingxiao;LIU Conghe;LUO Qing;SHI Jinjin;WANG Jina;XU Kaidong;XU Longyun;XUE Kaiwang;ZHANG Xiaoting~

2026/00230 ~ Complete ~54:METHOD AND SYSTEM, AT A GROUND COMBAT VEHICLE, FOR TARGET DISTANCE MEASUREMENT ~71:BAE Systems Hägglunds Aktiebolag, ÖRNSKÖLDSVIK 891 82, SWEDEN, Sweden ~72: SUNDQUIST, Rikard~ 33:SE ~31:2300064-9 ~32:12/07/2023

2026/00235 ~ Complete ~54:PSMA-TARGETED RADIOPHARMACEUTICALS FOR TREATMENT OF CANCER ~71:Fusion Pharmaceuticals Inc., 270 Longwood Road South, HAMILTON L8P 0A6, ONTARIO, CANADA, Canada ~72: BHALLA, Rajiv;DUFFY, Ian Ruixiang;ROLAND, Kevin~ 33:US ~31:63/515,943 ~32:27/07/2023

2026/00239 ~ Complete ~54:ANTI-PVRIG ANTIBODIES AND USES THEREOF ~71:WUXI BIOLOGICS IRELAND LIMITED, Mullagharlin, Dundalk, Co Louth, A91 X56F, Ireland ~72: BAOTIAN YANG;CONG KONG;JIJIE GU;SIWEI NIE;YONG ZHENG;ZHILI YAO~ 33:CN ~31:PCT/CN2023/098601 ~32:06/06/2023

2026/00207 ~ Complete ~54:A GREEN CONSTRUCTION DIGITAL MANAGEMENT SYSTEM AND METHOD ~71:Xinyu University, 2666 Sunshine Dadao, High-tech Zone, Xinyu City, Jiangxi Province, People's Republic of China ~72: Cai yunfang;Cheng hancan;Cui shengchao;Deng zhusong;Gu xiaoyang;Guo qiulan;Liu yi;Wang chengyuan;Wu yuting;Xiao yang;Zhang wu;Zhang yuqing~ 33:CN ~31:2025117967246 ~32:02/12/2025

2026/00218 ~ Complete ~54:A METHOD OF ULTRASOUND ENHANCED OIL CONJUGATION REACTION ~71:Yangjiang Polytechnic, 213 Dongshan Road, Jiangcheng District, Yangjiang City, Guangdong Province, 529500, People's Republic of China ~72: Jinjie Deng~

2026/00223 ~ Complete ~54:CONJUNCTIVAL REPAIR MATERIAL, PREPARATION METHOD THEREFOR AND USE THEREOF ~71:BIO-DECELL (CHENGDU) SCIENCE AND TECHNOLOGY CO., LTD., Floors 1-4, Building 15, No. 1919, Shuangyan Road, Chengdu Cross Strait Science and Technology Industry Development Park, Wenjiang District, Chengdu, Sichuan, 611130, People's Republic of China ~72: SHI, Weiyun;SHI, Zhen~ 33:CN ~31:202311068239.8 ~32:24/08/2023

2026/00229 ~ Complete ~54:VECTORS INCORPORATING A COMBINATION OF PROMOTERS DRIVING SELECTABLE MARKER EXPRESSION ~71:Amgen Inc., One Amgen Center Drive, THOUSAND OAKS 91320-1799, CA, USA, United States of America ~72: DARIS, Kristine;GOMEZ, Natalia;MA, Xing;ZAH, Eugenia~ 33:US ~31:63/528,181 ~32:21/07/2023

2026/00236 ~ Complete ~54:AEROSOL PROVISION DEVICE COMPRISING A CAPACITANCE SENSOR ~71:Nicoventures Trading Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: LI, Zhiping;WANG, Tianyi;ZHOU, Zhen~ 33:CN ~31:2023108509644 ~32:11/07/2023;33:GB ~31:2311689.0 ~32:28/07/2023

2026/00214 ~ Complete ~54:METHOD FOR CONSTRUCTING PORCINE ENDOMETRIAL INJURY MODEL ~71:Qingdao University, No. 308 Ningxia Road, Shinan District, Qingdao, Shandong Province, 266075, People's Republic of China ~72: Jiane LIU;Jiaxu SONG;Junlin LYU;Quan TIAN;Wenhua XU;Xiao XU;Xiaomin WANG;Xiaoyan LI~ 33:CN ~31:2025119272256 ~32:19/12/2025

2026/00221 ~ Complete ~54:COMPOSITION COMPRISING MRNA ENCODING INFLUENZA VIRUS HA PROTEIN AND USE THEREOF ~71:ARGORNA PHARMACEUTICALS CO., LTD., 2nd And 4th Floor, Building A 7 Suida Street, Huangpu District, People's Republic of China;GUANGZHOU RIBOBIO CO., LTD., No.7 Suida

Street, Huangpu District, People's Republic of China ~72: CHENG, Nan;LI, Man;MA, Lin;ZHANG, Bill Biliang~ 33:CN ~31:202311244673.7 ~32:22/09/2023;33:CN ~31:202411236824.9 ~32:04/09/2024

2026/00226 ~ Complete ~54:CHEMICAL COOLANT AND USE THEREOF IN K-TYPE AEROSOL FIRE EXTINGUISHING AGENT ~71:HUBEI JIANDUN FIRE TECHNOLOGY CO., LTD., No.199 Huaxi Road, Biological Industrial Park, China (Hubei) Free Trade Zone Yichang Area, Yichang, Hubei, 443000, People's Republic of China ~72: HUANG, Rui;LIU, Xinyu;LU, Fagui;WANG, Qi;YANG, Fei;ZOU, Beibei~ 33:CN ~31:202310697990.8 ~32:13/06/2023

2026/00238 ~ Complete ~54:A METHOD OF REMOVING ETHYLENE VINYL ALCOHOL COPOLYMER FROM A WASTE POLYMER MATERIAL ~71:Ioniqa Solutions B.V., De Lismortel 31, EINDHOVEN 5612 AR, THE NETHERLANDS, Netherlands ~72: GRAVENDEEL, Jannigje Maria Jacomina;WOUTERS, Fabian~ 33:NL ~31:2035061 ~32:09/06/2023

2026/00201 ~ Complete ~54:ELECTRICAL ROBOTIC AUTOMATED WELDING DEVICE ~71:DONGGUAN CITY UNIVERSITY, NO. 1 WENCHANG ROAD, LIAOBU TOWN, DONGGUAN CITY, People's Republic of China ~72: HE, Wanru~

2026/00197 ~ Provisional ~54:POINT ANCHOR BRACKET ASSEMBLY FOR FRICTION ROCK STABILIZERS ~71:Theodore Daniel Swemmer, PO Box 75746, South Africa ~72: Theodore Daniel Swemmer~

2026/00203 ~ Complete ~54:LIBRARY BOOKSHELF FOR BOOK ALIGNMENT ~71:XINYU UNIVERSITY, NO. 2666 SUNSHINE AVENUE, HIGH TECH ZONE, XINYU CITY, People's Republic of China ~72: GONG, Xiaohua;HE, Wei;YAN, Yixin;YANG, Wanqin;ZHANG, Miao;ZOU, Qiong~

2026/00205 ~ Complete ~54:CAMPUS TRAVEL MODE PREDICTION METHOD INTEGRATING FACTOR ANALYSIS AND NESTED LOGIT MODEL ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan, Henan Province, 467041, People's Republic of China;Henan Zhongping Transportation Science Research & Design Institute Co.,Ltd., Shengrun Plaza, Intersection of Xiangyun Road and Xiayun Road, Urban-Rural Integration Demonstration Zone, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: JIAO Shuaiyang;JIN Pei;LI Aizeng;LI Ze;LIU Xiaoge;LIU Zixiang;XUE Liyuan;ZHANG Yi~

2026/00210 ~ Complete ~54:LOW-COST DUST REMOVAL SYSTEM ~71:Inner Mongolia Tianjiao New Technology R&D Co., Ltd., Donghu, No. 6, Block B, Fourth Society, Ulan Mulun Village, Ulan Mulun Town, Ejin Horo Banner, Ordos City, Inner Mongolia Autonomous Region, People's Republic of China ~72: Ai Lu;Weizhen Zhang~ 33:CN ~31:2025114689997 ~32:15/10/2025

2026/00213 ~ Complete ~54:A PREPARATION METHOD OF ETHER-BASED ELECTROLYTE MODIFIED BY A LEWIS ACID-BASE COMPLEX ADDITIVE AND ITS APPLICATION IN LITHIUM METAL BATTERIES ~71:Kunming University of Science and Technology, No. 727 Jingming South Road, Chenggong District, Kunming City, Yunnan Province, 650500, People's Republic of China ~72: Fang Cheng;Maolin Zhang;Xiaoping Yang~ 33:CN ~31:202510834299.9 ~32:20/06/2025

2026/00220 ~ Complete ~54:A SYSTEM FOR ENHANCED OIL RECOVERY OF HEAVY CRUDE OIL USING CHEMICAL FLOODING ~71:Dr. Dhrubajyoti Neog, Assistant Professor, Department of Petroleum Technology, Dibrugarh University, Dibrugarh, Assam - 786004, India;Dr. Nayan Medhi, Associate Professor, Department of Petroleum Engineering, DUIET, Dibrugarh University, Dibrugarh, Assam - 786004, India;Shekhar Jyoti Dutta, Senior Engineer (OGPS), OIL, Duliajan, Assam, India ~72: Dr. Dhrubajyoti Neog;Dr. Nayan Medhi;Shekhar Jyoti Dutta~

2026/00222 ~ Complete ~54:WOODEN CONTAINER AND METHOD FOR MANUFACTURING SAME ~71:SEGUIN MOREAU & C°, ZI le Petit Oumelet, France ~72: BLUM, Alexis;PRIDA, Andrei;VERDIER, Benoit~ 33:FR ~31:2307059 ~32:03/07/2023

2026/00227 ~ Complete ~54:METHOD OF TREATING CANCER WITH INDOLINE INHIBITORS OF KIF18A ~71:Volastra Therapeutics, Inc., 1361 Amsterdam Avenue, Suite 520, NEW YORK 10027, NY, USA, United States of America ~72: BETTIGOLE, Sarah;DRUTMAN, Scott;ENG, Christina~ 33:US ~31:63/508,233 ~32:14/06/2023

2026/00232 ~ Complete ~54:IMPACT-ABSORBING PAD AND RELATIVE GARMENT ~71:George TFE SCP, c/o Altiqa SAM, Le Patio Palace, 41 avenue Hector Otto, MONACO 98000, MONACO, Monaco ~72: LLOYD, John;ROGERS, James;STOREY, Piers Christian~ 33:EP ~31:23186243.4 ~32:18/07/2023;33:IB ~31:2024/053305 ~32:04/04/2024

2026/00234 ~ Complete ~54:PROTECTIVE ARTICLE AND RELATIVE GARMENT ~71:George TFE SCP, c/o Altiqa SAM, Le Patio Palace, 41 avenue Hector Otto, MONACO 98000, MONACO, Monaco ~72: LLOYD, John;ROGERS, James;STOREY, Piers Christian~ 33:EP ~31:23186243.4 ~32:18/07/2023

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2026/00668 ~ Provisional ~54:FULL SPECTRUM GROW LIGHT DRIVEN PHOTOVOLTAIC CHARGING USING PEROVSKITE TANDEM AND DYE SENSITIZED SOLAR CELLS ~71:pieter coetsee, 41 Drakensberg Avenue, Spitskop Small Holdings, Bloemfontei..., South Africa ~72: Petrus Johannes Bartholomeus Coetsee~ 33:ZA ~31:SOL001 ~32:15/02/2025

2026/00275 ~ Complete ~54:A COMPOSITION FOR PRODUCING A COATING ON A MAIN BODY OF A MOLD OR CORE FOR METAL CASTING THAT EMITS FORMALDEHYDE WHEN HEATED ~71:FOSECO INTERNATIONAL LIMITED, 165 Fleet Street, London, EC4A 2AE, United Kingdom ~72: JURGEN RADSTAKE;MARJAN HAMER;UGO NWAOGU~ 33:EP ~31:23178913.2 ~32:13/06/2023

2026/00247 ~ Complete ~54:SINGLE-CHANNEL NON-REAL-TIME SPEECH ENHANCEMENT METHOD BASED ON TAYLOR MODEL, COMPUTER STORAGE MEDIUM, AND PRODUCT ~71:Tianjin Agricultural University, Jinjing Highway, Xiqing District, Tianjin, 300000, People's Republic of China ~72: Bowen SUN;Changxi CHEN;Guangyu ZHAO;Kaisi YANG;Wanchao ZHANG;Xiangchao KONG;Xingkai PENG~ 33:CN ~31:202511414524.X ~32:29/09/2025

2026/00263 ~ Complete ~54:DRUG CONJUGATE TARGETING CTLA4, PRODUCTS COMPRISING THE SAME AND THERAPEUTIC USES THEREOF ~71:INSTITUT GUSTAVE ROUSSY, 39 RUE CAMILLE DESMOULINS, 94800 VILLEJUIF, FRANCE, France;INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, 101 RUE DE TOLBIAC, 75013 PARIS, FRANCE, France;UNIVERSITE PARIS-SACLAY, BÂTIMENT BRÉGUET, 3 RUE JOLIOT CURIE, 91190 GIF SUR YVETTE, FRANCE, France ~72: MARABELLE, Aurélien;MARTINEAU, Romane;SUSINI, Sandrine;TSELIKAS, Lambros~ 33:EP ~31:23305926.0 ~32:09/06/2023

2026/00269 ~ Complete ~54:BULK DOSING UNIT AND RELATED SYSTEM ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: GEBS, Jonathan;JARISCH, Christian;PRIESTER, Laura;SCORRANO, Lucio~ 33:EP ~31:23179236.7 ~32:14/06/2023

2026/00273 ~ Complete ~54:FILTER, FILTER COMPONENT, AND FILTER CONNECTOR SYSTEM HAVING INTERLOCKING TABS AND RETENTION ELEMENTS ~71:CATERPILLAR INC., 100 N.E. Adams Street, United States of America ~72: DEA, Kevin L.;EBLE, Jonas;GHIORGHIAS, Iulian G.;HEYDENRYCH, Zack;SONNTAG, Martin;SUTTON, Brian J.~ 33:US ~31:18/217,070 ~32:30/06/2023

2026/00280 ~ Complete ~54:STATION FOR PROCESSING FRUIT AND VEGETABLE PRODUCTS ~71:UNITEC S.P.A., Via Provinciale Cotignola 20/9, 48022, Lugo (RA), Italy ~72: LUCA BENEDETTI~ 33:IT ~31:102023000012159 ~32:14/06/2023

2026/00285 ~ Complete ~54:ELECTRONIC PAYMENT METHOD ~71:DELUPAY, 10 rue Roquépine, France ~72: BIALKIEWICZ, Joël-Alexis~ 33:FR ~31:FR2306170 ~32:16/06/2023

2026/00245 ~ Provisional ~54:HOW TO SAVE WATER IN SOUTH AFRICA ~71:Gerhard Jacques Cloete, 112b Norhdene rd, South Africa ~72: Gerhard Jacques Cloete~

2026/00252 ~ Complete ~54:PCR DETECTION METHOD AND APPLICATION FOR G2 GENOGROUP PORCINE BOCAVIRUS ~71:HENAN UNIVERSITY OF URBAN CONSTRUCTION, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: FU Pengfei;HAN Wenjing;HONG Jun;PI Siyi;WANG Dongmei;WANG Yanhong;WANG Yufan;YANG Zitong;ZHAI Wenlong;ZHANG Chengyu;ZHANG Yuyan~

2026/00254 ~ Complete ~54:SUBCUTANEOUS FORMULATIONS OF ANTI-CD38 ANTIBODIES AND THEIR USES ~71:Janssen Biotech, Inc., 800/850 Ridgeview Drive, HORSHAM 19044, PA, USA, United States of America ~72: JANSSON, Richard;KUMAR, Vineet~ 33:US ~31:62/250,016 ~32:03/11/2015

2026/00265 ~ Complete ~54:LYSINE BASED POLYMER COMPRISING COMPOSITION FOR USE IN CHEMICAL PRETREATMENT OF METALLIC SUBSTRATES ~71:CHEMETALL GMBH, TRAKEHNER STRASSE 3, 60487 FRANKFURT, GERMANY, Germany ~72: DONG, Xu;KOLBERG, Thomas;KRAUSSE, Nico~ 33:EP ~31:23178823.3 ~32:13/06/2023

2026/00244 ~ Provisional ~54:HOW TO SAVE WATER IN SOUTH AFRICA ~71:Gerhard Jacques Cloete, 112b Norhdene rd, South Africa ~72: Gerhard Jacques Cloete~

2026/00246 ~ Complete ~54:CUTTING ROOTING AGENT FOR PROMOTING EFFICIENT ROOTING OF LARGE SAPIUM SEBIFERUM TREE CUTTINGS AND PREPARATION METHOD THEREOF ~71:Jinling Institute of Technology, Hongjing Avenue 99, Jiangning District, Nanjing, Jiangsu Province, 211100, People's Republic of China;Nanjing Gardening-Landscaping Economic Development Limited Liability Company, Mengdu Street 156, Jianye District, Nanjing, Jiangsu Province, 211000, People's Republic of China ~72: FAN Junjun;LI Ming;LIU Ye;NING Kun;XIA Chongli;ZHANG Huanshi;ZHAO Kangbing~

2026/00249 ~ Complete ~54:INTERACTIVE DISPLAY METHOD FOR PRIMITIVE VILLAGES BASED ON DIGITAL TWIN TECHNOLOGY ~71:HENAN UNIVERSITY OF URBAN CONSTRUCTION, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: DAI Tingting;GUAN Daqing;WANG Binbin;YAO Yuan;ZHENG Shuaikang~

2026/00253 ~ Complete ~54:AN INDUSTRIAL PRODUCT INFORMATION COMPREHENSIVE MANAGEMENT EQUIPMENT ~71:Henan Qiyou Information Technology Co., Ltd, Room 410, 4th Floor, Building A, Longmen Building, Intersection of Qishui Avenue and Zhujiang Road, Tianshan Office, Qibin District, Hebi City, Henan Province, People's Republic of China ~72: Chen Kun;Leng Dongxu;Zhao Zengxian~

2026/00258 ~ Complete ~54:A METHOD FOR FORMULATING SEMI-SYNTHETIC CULTURE MEDIA USING LOCAL TUBERS IN MUSHROOM CULTURE ~71:Naomi Pongen, Department of Botany, Nagaland University Lumami, Headquarters, Zunheboto, Nagaland - 798627, India;Tali Ajungla, Department of Botany, Nagaland University Lumami, Headquarters, Zunheboto, Nagaland - 798627, India;Wati Temjen, Department of Botany, Nagaland University Lumami, Headquarters, Zunheboto, Nagaland - 798627, India ~72: Naomi Pongen;Tali Ajungla;Wati Temjen~

2026/00261 ~ Complete ~54:DEUTERATED 1,3 DIHYDRO -2H-INDOLE-2-ONE DERIVATIVES ~71:HMNC HOLDING GMBH, Wilhelm-Wagenfeld-Straße 20, Germany ~72: ERIKSSON, Hans;STÜBER, Werner~ 33:EP ~31:23185135.3 ~32:12/07/2023;33:US ~31:63/513,158 ~32:12/07/2023

2026/00262 ~ Complete ~54:APPARATUS AND METHOD FOR AUDIO DECODING SUPPORTING TWO SPECTRAL BAND REPLICATION MODES ~71:FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V., HANSASTRAßE 27C, 80686 MÜNCHEN, GERMANY, Germany ~72: HILDENBRAND, Matthias~ 33:US ~31:18/333,798 ~32:13/06/2023

2026/00266 ~ Complete ~54:RECOMBINANT AMINO ACID MOLECULE, HOST CELLS FOR PRODUCING L-ARGININE, AND METHODS FOR PRODUCING L-ARGININE USING THE SAME ~71:CJ CHEILJEDANG CORPORATION, 330, DONGHO-RO, JUNG-GU, SEOUL 04560, REP OF KOREA, Republic of Korea ~72: KIM, Ju Eun;KIM, Ye-Eun;LEE, Hanhyoung;LEE, Zeewon~

2026/00271 ~ Complete ~54:BENZIMIDAZOLE DERIVATIVES ~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: FINKBEINER, Peter;GERMAIN, Nicolas;LE CHAPELAIN, Camille;POULIOT, Martin;SCARBOROUGH, Christopher Charles~ 33:EP ~31:23187004.9 ~32:21/07/2023

2026/00276 ~ Complete ~54:A ROOF TILE WITH ENHANCED ENGAGEMENT BETWEEN OVERLAPPED ROOF TILES AND AN ASSEMBLY THEREOF ~71:SU KIM TAN, No. 39, Jalan Pinggiran Putra 50a, Sek 2, Bandar Putra Permai, Seri Kembangan, 43300 Selangor, Malaysia ~72: SU KIM TAN~ 33:MY ~31:PI2024001706 ~32:20/03/2024

2026/00283 ~ Complete ~54:SLIDER WHEEL HAVING A PLURALITY OF SLIDER SURFACES ~71:CATERPILLAR INC., 100 N.E. Adams Street, United States of America ~72: MAGNER, Scott H.~ 33:US ~31:18/347,704 ~32:06/07/2023

2026/00250 ~ Complete ~54:OPTIMIZATION DEPLOYMENT DEFENSE METHODOLOGY AND ASSOCIATED EQUIPMENT FOR ENERGY STORAGE INVERTERS BASED ON TWO-LAYER STACKELBERG GAME ~71:School of Electrical Engineering Xi’an Jiaotong University, 28 Xianning West Road, Beilin District, Xi'an City, Shaanxi Province, People's Republic of China;State Grid Jiangxi Electric Power Company, 666 Hubin East Road, Qingshanhu District, Nanchang City, Jiangxi Province, People's Republic of China;State Grid Shandong Electric Power Research Institute, 2000 Wangyue Road, Shizhong District, Jinan, Shandong Province, People's Republic of China;Zhejiang University, 866 Yuhangtang Road, Xihu District, Hangzhou City, Zhejiang Province, People's Republic of China ~72: Chen Mingliang;Feng Dongqin;Liu Jing;Liu Xin;Liu Yuanlong;Wang Wenting;Wang Yong;Xu Feng;Xu Zheng~ 33:CN ~31:2025104009376 ~32:01/04/2025

2026/00255 ~ Complete ~54:ROTATING TRACK GUIDE COMPONENTS WITH WHITE-IRON SEGMENTS ~71:CATERPILLAR INC., 100 N.E. Adams Street, Peoria, Illinois, 61629-9510, United States of America ~72: CHANDRASEN RAMESHLAL RATHOD;ERIC JAMES JOHANNSEN;ROGER L RECKER~ 33:US ~31:17/199,763 ~32:12/03/2021

2026/00248 ~ Complete ~54:NETWORK DDOS ATTACK DETECTION METHOD BASED ON ARTIFICIAL INTELLIGENCE ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: HE Yi~

2026/00256 ~ Complete ~54:APPARATUS AND METHOD FOR CONDITIONING AND DESANDING ORGANIC WASTE SLURRY ~71:BEIJING GEOENVIRON ENGINEERING & TECHNOLOGY, INC., Floor 1, In The Underground 1st To 4th Floor Of Building 13, Courtyard 9, Dijin Road Haidian District, Beijing, 100095, People's Republic of China;TIANJIN GEOENVIRON ENGINEERING & TECHNOLOGY CO., LTD., No. 1-1-808-03,

Finance and Trade Center (North Area), No. 6865, Yazhou Road, China (Tianjin) Pilot Free Trade Zone (Dongjiang Bonded Port Zone), Binhai New Area, Tianjin, 300000, People's Republic of China ~72: GANG DU;JUN CHEN;QINGBIN YANG;YANBING XIN~

2026/00257 ~ Complete ~54:A CONSTRUCTION WASTE RESOURCE TREATMENT DEVICE BASED ON SORTING TECHNOLOGY ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: Cui Yanwei;Guo Weiwei;Li Jiangle;MAN Yuan;SHI Luke;Yin Xiaojing~

2026/00259 ~ Complete ~54:COMPOSITIONS AND METHODS FOR REDUCING DRIFT ASSOCIATED WITH AGRICULTURAL PRODUCTS DELIVERED BY ROTARY ATOMIZERS ~71:EXACTO, LLC, 200 Old Factory Road, Sharon, United States of America ~72: MARCHI WERLE, Lia;OBEAR, Glen;SEXTON, Franklin E.;STRASH, Ryan;SUTIVISEDSAK, Nongnuch~ 33:US ~31:63/516,708 ~32:31/07/2023

2026/00267 ~ Complete ~54:SOMATOSTATIN SUBTYPE RECEPTOR 3 (SSTR3) AGONISTS AND USES THEREOF ~71:CRINETICS PHARMACEUTICALS, INC., 6055 Lusk Blvd., United States of America ~72: KIM, Sun Hee;ZHAO, Jian;ZHU, Yunfei~ 33:US ~31:63/513,599 ~32:14/07/2023

2026/00270 ~ Complete ~54:HERBICIDAL COMPOSITIONS ~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: FELLMANN, Julia;WATKINS, Melanie Jayne~ 33:EP ~31:23186747.4 ~32:20/07/2023

2026/00279 ~ Complete ~54:LRRK2-MODULATING COMPOSITIONS AND METHODS OF USE THEREOF ~71:ADARX PHARMACEUTICALS, INC., 5871 Oberlin Drive Suite 200, San Diego, California, 92121, United States of America ~72: HUEY-JING HUANG;RUI ZHU;ZHEN LI~ 33:US ~31:63/509,259 ~32:20/06/2023

2026/00281 ~ Complete ~54:COAGULATION FACTOR XI-MODULATING COMPOSITIONS AND METHODS OF USE THEREOF ~71:ADARX PHARMACEUTICALS, INC., 5871 Oberlin Drive Suite 200, San Diego, California, 92121, United States of America ~72: ALAN ROBERT MACLEOD;KIMBERLY FULTZ;RUI ZHU;ZHEN LI~ 33:US ~31:63/515,074 ~32:21/07/2023;33:US ~31:63/583,987 ~32:20/09/2023

2026/00282 ~ Complete ~54:METHODS OF CONTROLLING HYDROFORMYLATION PROCESSES ~71:DOW TECHNOLOGY INVESTMENTS LLC, 2211 H.H. Dow Way, United States of America ~72: BRAMMER, Michael A.;FELSTED II, William N.~ 33:US ~31:63/510,161 ~32:26/06/2023

2026/00268 ~ Complete ~54:METHOD FOR MANUFACTURING A NUCLEAR REACTOR COMPONENT AND RESULTING NUCLEAR REACTOR COMPONENT ~71:FRAMATOME, 1 place Jean Millier, Tour Areva, France ~72: ANDRIEU, Eric;BADINIER, Guillaume;BARDEL, Didier;CLOUE, Jean Marc;SIMONOT, Claude~ 33:FR ~31:FR2307289 ~32:07/07/2023

2026/00272 ~ Complete ~54:PROCESS FOR THE PREPARATION OF PYROXASULFONE ~71:Adama Agan Ltd., P.O. Box 262, Northern Industrial Zone, ASHDOD 7710201, ISRAEL, Israel ~72: ASHUSH, Natali;COHEN, Yair;FRONTON, Sveta~ 33:EP ~31:23181049.0 ~32:22/06/2023;33:EP ~31:23212931.2 ~32:29/11/2023;33:EP ~31:24155335.3 ~32:01/02/2024

2026/00274 ~ Complete ~54:PREPARATION METHOD FOR FORMAMIDE COMPOUNDS ~71:JIANGSU HENGRUI PHARMACEUTICALS CO., LTD., No.7 Kunlunshan Road, Economic and Technological Development Zone, Lianyungang, Jiangsu, 222047, People's Republic of China;SHANGHAI SENHUI MEDICINE CO., LTD., Floor 4, No. 14 Building, No. 3728 Jinke Road, Free Trade Pilot Zone, Pudong New Area, Shanghai 201203, People's Republic of China;SHANGHAI SHENGDI PHARMACEUTICAL CO., LTD, No.1288 Haike Road,

Zhangjiang, Pudong New Area, Shanghai, 201210, People's Republic of China ~72: BEI LI;JIAN HUANG;QIANG YU;WEI JIANG;YINGLONG PENG~ 33:CN ~31:202310675632.7 ~32:08/06/2023

2026/00278 ~ Complete ~54:AUTO-INJECTOR AND RELATED METHODS OF USE ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, New York, 10591, United States of America ~72: ALEXANDER ROUMANIDAKIS;BRYAN GRYGUS;DANIEL HALBIG;DANIEL O'CONNELL-GOVAN;DANIELLE LAIACONA;JOHN BURKE;SINDHUJA KUCHIBHATLA~ 33:US ~31:63/509,214 ~32:20/06/2023;33:US ~31:63/587,389 ~32:02/10/2023

2026/00251 ~ Complete ~54:A PREPARATION AND APPLICATION OF A COMPOSITE MATERIAL WITH GOOD THERMAL STABILITY FOR REMOVING LIQUID CRYSTAL MONOMERS ~71:Kunming University of Science and Technology, No. 727, Jingming South Road, University Town, Chenggong District, Kunming City, Yunnan Province, 650500, People's Republic of China ~72: Huaying Zhu;Jin Peng;Luping Tian;Ni Liang;Wenhong Xie;Zhaofeng Chang~ 33:CN ~31:202511995537.0 ~32:26/12/2025

2026/00260 ~ Complete ~54:METHODS FOR THE TREATMENT AND PREVENTION OF GENERALIZED POSTULAR PSORIASIS (GPP) ~71:BOEHRINGER INGELHEIM INTERNATIONAL GMBH, Binger Strasse 173, Germany ~72: DELIC, Denis;FARAG, Ahmed Karim;ROLSER, Marcel;THOMA, Christian;VISVANATHAN, Sudha~ 33:US ~31:63/507,133 ~32:09/06/2023;33:US ~31:63/610,005 ~32:14/12/2023

2026/00264 ~ Complete ~54:ADHESIVE PHOTOPROTECTIVE COMPOUNDS AND USES THEREOF ~71:SKINOSIVE, 12-14, RUE JEAN ANTOINE DE BAÏF, 75013 PARIS, FRANCE, France ~72: CARNIATO, Denis;POULETTY, Philippe;RAULT, Isabelle~ 33:US ~31:18/209,515 ~32:14/06/2023

2026/00277 ~ Complete ~54:IN-LINE HYDRO GENERATION SYSTEM ~71:COEVO ENERGY, INC., 41 Howland Park Dr., Mechanicville, New York, 12118, United States of America ~72: ANDREW JOSEPH TRICARICK;JIMMY DONALD GARREY~ 33:US ~31:63/507,307 ~32:09/06/2023

2026/00284 ~ Complete ~54:NEEDLE THORACOSTOMY DEVICE AND METHOD OF USE ~71:B.I.N.T. INDUSTRY, LLC, 711 South Carson Street, Suite 4, United States of America ~72: BALLARD, Patrick E.;EVANS, Rawley C.;GRICE, Byron K.;SCHMIDT, Michael J.~ 33:US ~31:63/514,070 ~32:17/07/2023;33:US ~31:63/623,771 ~32:22/01/2024

2026/00288 ~ Provisional ~54:DIGITAL FUNDING NAVIGATOR ~71:DEEPAK MEHTA, 111 ANDESITE NORTH STONERIDGE ESTATE, South Africa;NISHA KOSTAS OR KOSTA, 111 ANDESITE NORTH STONERIDGE ESTATE, South Africa ~72: deepak mehta;nisha kostas or kosta~ 33:ZA ~31:none ~32:06/01/2026

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2026/00331 ~ Complete ~54:A PROCESS FOR CREATING A CANNABINOID PICO-EMULSION WITH ANTIBIOTIC PROPERTIES AND THE RESULTING PICO-EMULSION ~71:PICO IP, LLC, 1610 R Street, Suite 300, Sacramento, California, 95811, United States of America ~72: MILES J TERRY;ROBERT MYERS~ 33:US ~31:63/521,641 ~32:16/06/2023;33:US ~31:18/744,608 ~32:15/06/2024

2026/00334 ~ Complete ~54:ANTI-IL-18 ANTIBODY THERAPY FOR TREATING ATOPIC DERMATITIS ~71:APOLLO AP43 LIMITED, 3rd Floor 22 Station Road Cambridge CB1 2JD, United Kingdom ~72: NEIL FLANAGAN;RICHARD BROWN~ 33:GB ~31:2309244.8 ~32:20/06/2023

2026/00307 ~ Complete ~54:HIGH-DENSITY CULTIVATION FERMENTATION TANK FOR WATER KEFIR GRAIN-DERIVED PROBIOTICS ~71:HUAINAN NORMAL UNIVERSITY, DONGSHAN WEST ROAD, TIANJIA'AN DISTRICT, HUAINAN CITY, People's Republic of China ~72: GENG, Xueqing;WANG, Yi;YIN, Linlin~

2026/00311 ~ Complete ~54:ADJUSTABLE WORK STAND ~71:TSINGHUA UNIVERSITY, Beijing Haidian District, Tsinghua University, People's Republic of China ~72: LIU, Qingyu;XIA, Yongzhi;XU, Yanmei~

2026/00315 ~ Complete ~54:PROCESS FOR REDUCING THE AMOUNT OF 1,2-PENTANEDIOL FROM ETHYLENE GLYCOL ~71:AVANTIUM KNOWLEDGE CENTRE B.V., 29, Zekeringstraat, Netherlands ~72: ANSOVINI, Davide;ESMAEILI, Faezeh;MCKAY, Benjamin~ 33:EP ~31:23189052.6 ~32:01/08/2023

2026/00321 ~ Complete ~54:ANTIBODIES BINDING TO CD3 ~71:F. Hoffmann-La Roche AG, Grenzacherstrasse 124, BASEL 4070, SWITZERLAND, Switzerland ~72: BUJOTZEK, Alexander Christian;GASSNER, Christian Robert;KLEIN, Christian;LECLAIR, Stéphane Gérard Alain;MAERSCH, Stephan;MOESSNER, Ekkehard;WALDHAUER, Inja~ 33:EP ~31:23187733.3 ~32:26/07/2023

2026/00327 ~ Complete ~54:FUNGICIDAL COMPOSITIONS ~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: HAAS, Ulrich Johannes;WILKINSON, Glenn Stuart~ 33:EP ~31:23190085.3 ~32:07/08/2023

2026/00289 ~ Provisional ~54:HYBRID INTELLIGENCE PLATFORM (HIP) ~71:Cedric Fielies, 2 Arum Road, Belhar, South Africa ~72: Cedric Fielies~

2026/00293 ~ Complete ~54:QUANTITATIVE PREDICTION AND EVALUATION METHOD FOR SEDIMENT-LADEN CAVITATION EROSION RISK OF HYDRAULIC TURBINE ~71:Zhejiang University of Water Resources and Electric Power, Zhejiang University of Water Resources and Electric Power, No. 583 Xuelin Street, Xiasha, Hangzhou, Zhejiang Province, 310018, People's Republic of China ~72: CHEN, Jinlin;FENG, Bohua;GUO, Xiaomei;LI, Fengqin;SUN, Wenbin;WEI, Xiaoxiao~

2026/00295 ~ Complete ~54:MEDICAL LABORATORY SAMPLE RECEPTION MANAGEMENT SYSTEM AND METHOD ~71:The Second Affiliated Hospital of Anhui University of Chinese Medicine (Anhui Provincial Acupuncture Hospital), No.300 Shouchun Road, Luyang District, Hefei City, Anhui Province, 230001, People's Republic of China ~72: Zhao Lili~

2026/00300 ~ Complete ~54:INTELLIGENT POWER GRID ELECTRICAL LOAD FORECASTING SYSTEM ~71:Shuhan Shao, Lanzhou University of Technology Pengjiaping Campus, Qilihe District, Lanzhou, Gansu, People's Republic of China ~72: Shuhan Shao~

2026/00303 ~ Complete ~54:REUSABLE STRAP TO SECURE PALLETIZED GOODS ~71:BUFFALO SECURE (PTY) LTD., 20 Dienst Street, ALRODE, Alberton 1450, Gauteng, SOUTH AFRICA, South Africa ~72: ADAMS, Eric Martin~ 33:ZA ~31:2024/07611 ~32:08/10/2024

2026/00304 ~ Complete ~54:A CATHETER FOR USE IN PATIENTS WITH URETHRAL MALFORMATIONS AND STRICTURES ~71:THE FIRST PEOPLE'S HOSPITAL OF LIN'AN DISTRICT, HANGZHOU, NO.360 YiKang Street, Jinnan Street, Lin’an, Hangzhou, Zhejiang, People's Republic of China ~72: Chuanmin Guo;Lejun Wu~

2026/00309 ~ Complete ~54:METHODS AND SYSTEMS FOR AGRICULTURAL SPRAYING ~71:RAS CONSULT (PTY) LTD, 6 Deneyssen Street, The Palms, South Africa ~72: RAS, Marthinus Christoffel David~

2026/00316 ~ Complete ~54:ROOF TILE ATTACHMENT SYSTEM AND METHOD OF TILING A PITCHED ROOF ~71:BROATCH, Peter, THE CARTSHED, CHURCH LANE, OSMINGTON, WEYMOUTH DORSET DT3 6EW, UNITED KINGDOM, United Kingdom ~72: BROATCH, Peter~ 33:GB ~31:2308968.3 ~32:15/06/2023

2026/00320 ~ Complete ~54:POLYSUBSTITUTED MACROCYCLIC COMPOUND, AND PREPARATION METHOD THEREFOR AND USE THEREOF ~71:Shenzhen Salubris Pharmaceuticals Co., Ltd, Zone A, 4F, 289 Digitland, 2 Hongliu Road, Futian District, SHENZHEN 518017 , GUANGDONG, CHINA (P.R.C.), People's

Republic of China ~72: HUANG, Yiqiang;LU, Yinsuo;WANG, Liulin;WU, Junjun;XIAO, Ying;XING, Wei~ 33:CN ~31:202310799450.0 ~32:30/06/2023;33:CN ~31:202310899424.5 ~32:20/07/2023

2026/00324 ~ Complete ~54:SYNTHESIS OF PYRUVATE KINASE ACTIVATORS ~71:Agios Pharmaceuticals, Inc., 88 Sidney Street, CAMBRIDGE 02139, MA, USA, United States of America ~72: CRANE, Sheldon;FANDRICK, Daniel R.;LACHANCE, Nicolas;LE ROUX, Antoine;LEUNG, Chun Yuen;PATEL, Jignesh Surendrabhai;VALAMALE, Ashalatha Badiadka~ 33:US ~31:63/525,079 ~32:05/07/2023

2026/00291 ~ Provisional ~54:SYSTEMS AND METHODS FOR AUTHENTICATED ACTIVITY MONITORING AND DYNAMIC INCENTIVIZATION UTILIZING FOOTWEAR-EMBEDDED SENSING AND DISTRIBUTED INTELLIGENCE ~71:iTekkie Group (Pty) Ltd, 24 Elfin Glen Road, 21 Phezula Views, Nahoon Valley Park, East London, Eastern Cape, 5241, South Africa ~72: Sibulele Mene~

2026/00297 ~ Complete ~54:LARGE-SIZED INVERTED CURTAIN WALL GLASS INSTALLATION SYSTEM ~71:China Construction Communications Engrg.Group Corp.,Ltd., 100 Xiaotun Road, Fengtai District, Beijing, People's Republic of China ~72: AOLIN WANG;DEZHI LIU;JIXIANG MA;KUI ZHANG;MENG GUO;QIBING DENG;WEI ZHENG;WENBO FENG;YANGYANG ZHANG;YAO YUAN;YONGJUN LUO;ZHIWEI ZHOU~ 33:CN ~31:2025214135012 ~32:07/07/2025

2026/00299 ~ Complete ~54:METHOD FOR PREPARING FLY ASH-BASED COMPOSITE MATERIAL FOR FORMALDEHYDE REMOVAL ~71:Harbin Institute of Technology (Weihai), School of Marine Science and Technology, Harbin Institute of Technology (Weihai), No. 2, Wenhua West Road, Weihai, Shandong, People's Republic of China ~72: Jiaming ZHANG;Zhenxing CHI~

2026/00305 ~ Complete ~54:SELF-ASSEMBLING NANOSTRUCTURE VACCINES ~71:University of Washington, 4545 Roosevelt Way NE, Suite 400, SEATTLE 98105, WA, USA, United States of America ~72: BAKER, David;CARTER, Lauren;ELLIS, Daniel;FALLAS, Jorge;FIALA, Brooke;KING, Neil;NATTERMANN, Una;RAVICHANDRAN, Rashmi;STEWART, Lance;UEDA, George~ 33:US ~31:62/636,757 ~32:28/02/2018;33:US ~31:62/724,721 ~32:30/08/2018

2026/00318 ~ Complete ~54:PROCESS FOR THE PRODUCTION OF NON-ALCOHOLIC FERMENTED MALT BEVERAGES ~71:Heineken Supply Chain B.V., Burgemeester Smeetsweg 1, ZOETERWOUDE 2382 PH, THE NETHERLANDS, Netherlands ~72: BEKKERS, Augustinus Cornelius Aldegonde Petrus Albert;HOEKMAN, Christine Lidian~ 33:EP ~31:23185676.6 ~32:14/07/2023

2026/00336 ~ Complete ~54:5-AMINO-2,3-DIHYDRO-1,4-PHTHALAZINEDIONE FOR THE PROPHYLAXIS AND TREATMENT OF THROMBOTIC DISORDERS ~71:METRIOPHARM AG, Europaallee 41, 8021, Zürich, Switzerland ~72: ASTRID KAISER;JÖRG VON WEGERER;PETRA SAGER;SARA SCHUMANN;WOLFGANG BRYSCH~ 33:EP ~31:23000092.9 ~32:29/06/2023

2026/00322 ~ Complete ~54:PIPERIDINE INHIBITOR OF SLC6A19 FUNCTION ~71:Jnana Therapeutics Inc., One Design Center Place, Suite 19-400, BOSTON 02210, MA, USA, United States of America ~72: BROWN, Dean G.;MUNCIPINTO, Giovanni~ 33:US ~31:63/472,979 ~32:14/06/2023

2026/00330 ~ Complete ~54:DNA METHYLATION AND GENE EXPRESSION AS DETERMINANTS OF GENOME-WIDE CELL-FREE DNA FRAGMENTATION ~71:THE JOHNS HOPKINS UNIVERSITY, 3400 North Charles Street, Baltimore, Maryland, 21218, United States of America ~72: MICHAEL NOE;ROBERT B SCHARPF;VICTOR E VELCULESCU~ 33:US ~31:63/521,666 ~32:17/06/2023

2026/00333 ~ Complete ~54:REGULATORY ELEMENTS ~71:PURESPRING THERAPEUTICS LIMITED, 8 Bloomsbury Street, 2nd Floor, London, WC1B 3SR, United Kingdom ~72: ALAN GRIFFITH;MARTIN MADILL~ 33:GB ~31:2309909.6 ~32:29/06/2023

2026/00312 ~ Complete ~54:METHODS OF SIMULTANEOUSLY IDENTIFYING OR QUANTIFYING CAPPING AND TAILING MODIFICATIONS OF MESSENGER RNA ~71:SANOFI PASTEUR INC., 1 Discovery Drive, Swiftwater, United States of America ~72: BOUSQUIER, Agathe;DUBAYLE, Jean~ 33:EP ~31:23305946.8 ~32:14/06/2023

2026/00314 ~ Complete ~54:PROCESS FOR OBTAINING ETHYLENE GLYCOL AND PROPYLENE GLYCOL WITH REDUCED AMOUNT OF PENTANEDIOLS ~71:AVANTIUM KNOWLEDGE CENTRE B.V., 29, Zekeringstraat, Netherlands ~72: ANSOVINI, Davide;ESMAEILI, Faezeh;MCKAY, Benjamin~ 33:EP ~31:23189047.6 ~32:01/08/2023

2026/00323 ~ Complete ~54:CRYOGENIC NEON PURIFICATION SYSTEM AND METHOD ~71:Chart Energy & Chemicals, Inc., 2200 Airport Industrial Drive, Suite 100, BALL GROUND 30107, GA, USA, United States of America ~72: BROSTOW, Adam Adrian;FELDMAN, Steven Lawrence~ 33:US ~31:63/510,927 ~32:29/06/2023

2026/00326 ~ Complete ~54:COMPOSITIONS AND METHODS FOR PROGRAMMED DEATH LIGAND RECEPTOR (PD-L1) EXPRESSION ~71:Novo Nordisk A/S, Novo Alle 1, BAGSVÆRD 2880, DENMARK, Denmark ~72: ABRAMS, Marc;DUDEK, Henryk T.;GANESH, Shanthi;KRISHNAN, Harini Sivagurunatha~ 33:US ~31:63/516,270 ~32:28/07/2023

2026/00339 ~ Complete ~54:DISPENSER ~71:LARY, Stephan, No. 11 Castleview Road, Meadowridge, 7806, Cape Town, South Africa ~72: LARY, Stephan~ 33:ZA ~31:2023/07557 ~32:31/07/2023

2026/00332 ~ Complete ~54:A SKIN CLEANSING COMPOSITION ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: AMITABHA MAJUMDAR;MAYA TREESA SAJI;NARESH DHIRAJLAL GHATLIA;RAJKUMAR PERUMAL;RUDRA SAURABH SHRESTH;SIVA RAMA KRISHNA PERALA~ 33:IN ~31:202321047039 ~32:12/07/2023;33:EP ~31:23198717.3 ~32:21/09/2023

2026/00294 ~ Complete ~54:A METHOD AND SYSTEM FOR ESTIMATING THE SPATIOTEMPORAL VARIATION OF SOIL ORGANIC CARBON AND ITS CARBON SEQUESTRATION POTENTIAL ~71:Liaoning Agricultural and Rural Development Service Center, No. 5 Xianglu Mountain Road, Huanggu District, Shenyang City, Liaoning Province, People's Republic of China ~72: Song Dan~ 33:CN ~31:2025119497813 ~32:23/12/2025

2026/00302 ~ Complete ~54:DISCHARGE AND PELLETIZING MECHANISM AND SYSTEM FOR SCREW EXTRUDER ~71:NANJING DART EXTRUSION MACHINERY CO., LTD, Building 1, Zhougang Industrial Park, Hushu Street, Jiangning District, Nanjing, Jiangsu, 211125, People's Republic of China ~72: CHEN, Wentong;HU, Xichen;WANG, Hailong~ 33:CN ~31:202510653070.5 ~32:21/05/2025

2026/00308 ~ Complete ~54:MULTI-DIRECTIONAL MEASURING DEVICE FOR INTERIOR DESIGN AND DECORATION ~71:JIANGXI POLYTECHNIC INSTITUTE, NO. 1688, TIANGONG SOUTH AVENUE, XINYU CITY, People's Republic of China ~72: ZHANG, Rong;ZHANG, Zhisheng~ 33:CN ~31:2025111514647 ~32:18/08/2025

2026/00310 ~ Complete ~54:THAWING SOLUTION FOR BOVINE VITRIFIED FROZEN IN VITRO EMBRYO AND USE METHOD THEREOF ~71:SHANDONG OX LIVESTOCK BREEDING CO., LTD., 22151 Gong Ye Bei Road, Jinan, People's Republic of China ~72: GAO, Yundong;MA, Qingtao;WANG, Lingling;ZHANG, Yan~ 33:CN ~31:2025109426347 ~32:09/07/2025

2026/00317 ~ Complete ~54:METHOD FOR PRODUCING A PRESERVED COSMETIC WATER-IN-OIL EMULSION FROM A GLYCERIN-IN-OIL EMULSION ~71:Beiersdorf AG, Beiersdorfstraße 1-9, HAMBURG 22529, GERMANY, Germany ~72: KNORR, Josefine Jasmin;KOCH, Petra;SKUBSCH, Kerstin~ 33:DE ~31:10 2023 205 394.2 ~32:09/06/2023

2026/00341 ~ Provisional ~54:SOVEREIGN INFRASTRUCTURE PROTECTION SYSTEM (SIPS): A CONSTITUTIONAL, MULTIVERSE RESILIENT INTELLINGENCE ARCHITECTURE FOR AUTONOMOUS GOVERNANCE OF CRITICAL NATIONAL INFRASTRUCTURE ~71:NKOMAKHANI GROUP PTY LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH, South Africa ~72: MODISE REX SEEMELA~

2026/00290 ~ Provisional ~54:AI INTEGRATED RAPID TEST KIT WITH ESCRIPTING OF MEDICATION & DATA AGGREGATION FOR EPIDEMIOLOGICAL STUDY ~71:Yash Dhurumraj, 3 Coull Drive, South Africa ~72: Yash Dhurumraj~

2026/00296 ~ Complete ~54:SILICA-SAND-BASED BREATHABLE COMPOSITE MATERIAL AND PREPARATION METHOD THEREOF ~71:Luanping Kaichuang Agricultural Technology Co., Ltd., No. 634, Xiying, Luanheyan Town, Jingoutun Town, Luanping County, Chengde, Hebei, People's Republic of China ~72: Guangming Zhao;Guangyuan Zhao;Junjie Zhao;Xuetang Zhao~

2026/00301 ~ Complete ~54:SYSTEM AND METHOD FOR MONITORING CAVITATION STATE OF HYDRAULIC TURBINE BY FUSING SIMULATION AND DIGITAL TWINS ~71:Zhejiang University of Water Resources and Electric Power, Zhejiang University of Water Resources and Electric Power, No. 583 Xuelin Street, Xiasha, Hangzhou, Zhejiang Province, 310018, People's Republic of China ~72: Aminjon GULAKHMADOV;Fengqin LI;Jinlin CHEN;Kuang DING;Saidabdullo QURBONALIZODA;Wenbin SUN;Xiaomei GUO;Zuchao ZHU~

2026/00306 ~ Complete ~54:METHODS OF TREATING NEUROPATHY ~71:argenx BV, Industriepark-Zwijnaarde 7, ZWIJNAARDE (GHENT) 9052, BELGIUM, Belgium ~72: BLANCHETOT, Christophe;BOROSS, Peter;BUDDING, Kevin;HACK, Erik;SILENCE, Karen;VAN DE WALLE, Inge;VAN DER POL, Ludo~ 33:GB ~31:1907153.9 ~32:21/05/2019

2026/00313 ~ Complete ~54:PROCESS FOR REDUCING THE AMOUNT OF 2,3-PENTANEDIOL FROM PROPYLENE GLYCOL ~71:AVANTIUM KNOWLEDGE CENTRE B.V., 29, Zekeringstraat, Netherlands ~72: ANSOVINI, Davide;ESMAEILI, Faezeh;MCKAY, Benjamin~ 33:EP ~31:23189051.8 ~32:01/08/2023

2026/00328 ~ Complete ~54:SUBSTITUTED PIPERIDINEDIONES FOR TARGETED PROTEIN DEGRADATION ~71:Monte Rosa Therapeutics AG, Klybeckstrasse 191, Wkl-136.3, BASEL 4057, SWITZERLAND, Switzerland ~72: CABRÉ, Xavier Lucas;FASCHING, Bernhard;LIARDO, Elisa;MCALLISTER, Laura Ann;RASMUSSON, Timothy;WIEDMER, Lars~ 33:US ~31:63/528,823 ~32:25/07/2023

2026/00337 ~ Complete ~54:METHOD FOR TREATING FABRIC ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: STEPHEN NORMAN BATCHELOR;ZHAOLIANG ZHENG~ 33:EP ~31:23184815.1 ~32:11/07/2023

2026/00340 ~ Provisional ~54:PALLAS ADAPTIVE SOVEREIGN STACK (PASS) AND VERIFIED AUTONOMOUS CONTROL SYSTEMS WITH A SOVEREIGN ADAPTIVE SPACE HABITAT (SASH) EMBODIMENT ~71:NKOMAKHANI GROUP PTY LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH, South Africa ~72: MODISE REX SEEMELA~

2026/00343 ~ Provisional ~54:FUEL PERPETHAL MOTION SELF CHARGING GENERATOR ~71:BURFORD MARK OFTEBRO, UNIT 9, ROLLING HILLS CLUB 16, AUTUM DRIVE, PRESTONDALE, UMHLANGA ROCKS, South Africa ~72: BURFORD MARK OFTEBRO~

2026/00342 ~ Provisional ~54:A HETEROGENEOUS NON-TERRESTRIAL NETWORK (NTN) ARCHITECTURE FOR SECURE BROADBAND AND BROADCAST DISTRIBUTION UTILIZING PHASE-MATCHING QUANTUM KEY DISTRIBUTION (PM-MDI-QKD), STEALTH GHOST INITIALIZATION, AND DISTRIBUTED ENERGY HARVESTING. ~71:QREVULUTION ORBIT PTY LTD, 44 MAYNARD ROAD, SEA COW LAKE, DURBAN NORTH, South Africa ~72: MODISE REX SEEMELA~

2026/00344 ~ Provisional ~54:PASSIVE MODULAR GRAVITY FED GREY WATER RECYCLING SYSTEM WITH RETROFIT DIVERTER FOR RESOURCE CONSTRAINED RESIDENTIAL ENVIRONMENTS ~71:PHEHELLO MODISE CONSULTANTS (PTY) LTD, 1582 Zone 10 Sebokeng, South Africa ~72: Phehello Janie Lukas Molise~

2026/00292 ~ Provisional ~54:WASSER OKSIJENI ~71:Busisiwe Mtshemla, 21 Sabierivier Street, South Africa;romeo mtshemla, 21 Sabierivier Street, South Africa ~72: Busisiwe Mtshemla;romeo mtshemla~ 33:ZA ~31:1 ~32:07/01/2026

2026/00298 ~ Complete ~54:WATER FILTERING AND SEDIMENT RETAINING CHECK SLUICE ~71:Jinhua Agricultural and Rural Ecology and Energy Technology Extension Station, 12th Floor, Agricultural Science and Education Building, No.828, Shuanglong South Street, Wucheng District, Jinhua City, Zhejiang Province, 321017, People's Republic of China ~72: SHI, Xiujiao;XING, Zhiqi;XU, Linling;ZHANG, Yixuan~ 33:CN ~31:202522174466.X ~32:14/10/2025

2026/00319 ~ Complete ~54:HERBICIDE SAFENER COMBINATIONS AND COMPOSITIONS ~71:UPL Europe Supply Chain GmbH, Suurstoffi 37, ROTKREUZ/RISCH 6343, SWITZERLAND, Switzerland;UPL Mauritius Limited, 6th Floor, Suite 157B, Harbor Front Building, President John Kennedy Street, PORT LOUIS, MAURITIUS, Mauritius ~72: ALBA, Humberto Merayo;LENZ, Giuvan~ 33:EP ~31:23382708.8 ~32:11/07/2023

2026/00325 ~ Complete ~54:KV7 MODULATORS ~71:Saniona A/S, Murervangen 42, GLOSTRUP 2600, DENMARK, Denmark ~72: AMRUTKAR, Dipak;BODDUM, Jessica Klein;BROWN, David Tristram;CHRISTOPHERSEN, Palle;DYHRING, Tino;JACOBSEN, Thomas Amos;LARSEN, Janus S.;POULSEN, Pernille Hartveit;STRØBÆK, Dorte~ 33:EP ~31:23181831.1 ~32:27/06/2023

2026/00329 ~ Complete ~54:NOVEL ANTI-HSV ANTIBODY ~71:HEIDELBERG IMMUNOTHERAPEUTICS GMBH, Max-Jarecki-Strasse 21, 69115, Heidelberg, Germany ~72: MICHAELA ARNDT;NARGES SEYFIZADEH;TORSTEN SCHALLER~ 33:EP ~31:23179700.2 ~32:16/06/2023

2026/00335 ~ Complete ~54:NICOTINAMIDE RIBOSIDE AND DERIVATIVES THEREOF IN INTRAVENOUS FORMULATIONS AND METHODS OF USE THEREOF ~71:CHROMADEX INC., 10900 Wilshire Blvd., Suite 600, Los Angeles, California, 90024, United States of America ~72: ANDREW EARL SHAO;ARON ERICKSON;PHILIP REDPATH;YASMEEN MAISHA NKRUMAH-ELIE~ 33:US ~31:63/508,151 ~32:14/06/2023

2026/00338 ~ Complete ~54:METHOD FOR TREATING FABRIC ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: STEPHEN NORMAN BATCHELOR;ZHAOLIANG ZHENG~ 33:EP ~31:23184818.5 ~32:11/07/2023

. - APPLIED ON 2026/01/09 -

2026/00350 ~ Complete ~54:MULTI-SCALE SITUATION AWARENESS METHOD FOR INTEGRATED ENERGY NETWORKS BASED ON SPATIOTEMPORAL BIG DATA ~71:Henan University of Urban Construction,

Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: HAN Yan;HOU Shaoyang;LU Chunyang;LU Kun~

2026/00352 ~ Complete ~54:PHARMACEUTICAL COMPOSITION AND APPLICATION THEREOF IN PREPARATION OF DRUG FOR TREATING HYPOTHYROIDISM ~71:MU Keyuan, No. 55-3, Jiaoyu Middle Road, Yuzhou District, Yulin City, Guangxi Zhuang Autonomous Region, 537000, People's Republic of China ~72: CHEN Chengbang;CHEN Zebin;DENG Yun;MU Keyuan;TU Wenxu;XIE Licheng~

2026/00359 ~ Complete ~54:SUBBLOCK CODING INFERENCE IN VIDEO CODING ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, Dongguan, Guangdong 523860, People's Republic of China ~72: JONATHAN GAN;YUE YU~ 33:US ~31:63/363,804 ~32:28/04/2022;33:US ~31:63/364,713 ~32:13/05/2022

2026/00370 ~ 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.;CHAY, Catherine A.;HOWE, Arlene R.~ 33:US ~31:63/515,052 ~32:21/07/2023

2026/00377 ~ Complete ~54:INTRA COCHLEAR ADMINISTRATION DEVICE ~71:SENSORION, 375 rue du Professeur Joseph Blayac, 34080, Montpellier, France ~72: ARNAUD GIESE;BERTRAND COQUET;GHIZLENE LAHLOU;JÉRÔME NEVOUX;NATALIE LOUNDON;YACOBINA-LAURA MBANGA~ 33:EP ~31:23306222.3 ~32:13/07/2023

2026/00353 ~ Complete ~54:VIRAL VECTORS FOR CANCER THERAPY ~71:Krystal Biotech, Inc., 2100 Wharton Street, Suite 701, PITTSBURGH 15203, PA, USA, United States of America ~72: DUERMEYER, Mary Jane;KRISHNAN, Suma;PARRY, Trevor;PREVITE, Dana Michelle~ 33:US ~31:63/170,103 ~32:02/04/2021

2026/00363 ~ Complete ~54:STABILIZED FORMULATIONS CONTAINING ANTI-BCMA X ANTI-CD3 BISPECIFIC ANTIBODIES ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: GRAHAM, Kenneth, S.;KAMEN, Douglas;WADHWA, Saurabh~ 33:US ~31:63/525,652 ~32:07/07/2023;33:US ~31:63/613,540 ~32:21/12/2023

2026/00368 ~ Complete ~54:HIGH-STRENGTH, HIGH-TOUGHNESS AND HIGH-HARDENABILITY GEAR SHAFT STEEL, AND MANUFACTURING METHOD THEREFOR ~71:Baoshan Iron & Steel Co., Ltd., No.885, Fujin Road, Baoshan District, SHANGHAI 201900, CHINA (P.R.C.), People's Republic of China ~72: GAO, Jiaqiang;HUANG, Zongze;ZHAO, Sixin~ 33:CN ~31:202310723459.3 ~32:19/06/2023

2026/00375 ~ Complete ~54:ANTI-INFLUENZA VIRUS COMPOSITION CONTAINING XANTHAN GUM OR FUCOIDAN ~71:DAEWOONG PHARMACEUTICAL CO., LTD., 35-14, Jeyakgongdan 4-gil, Hyangnam-eup, Hwaseong-si, Gyeonggi-do, 18623, Republic of Korea ~72: DONG JIN LEE;GWAN YOUNG KIM;JAE WON LEE;JONG SEO CHOI;KYUNG MIN LEE;YU JEONG NA~ 33:KR ~31:10-2023-0075141 ~32:12/06/2023

2026/00347 ~ Provisional ~54:1.A METHOD FOR CONVERTING CONTINUOUS ELECTRICAL POWER INTO BOUNDED, DISTRIBUTABLE ENERGY UNITS, EACH UNIT BEING CONDITIONALLY RELEASED BASED ON PREDEFINED PARAMETERS ~71:Sibusiso Ngwane, 2 Mia Drive, South Africa ~72: Sibusiso Ngwane~ 33:ZA ~31:05/01/2026 ~32:05/01/2026

2026/00355 ~ Complete ~54:A DEFORMATION MONITORING SAFETY EARLY WARNING SYSTEM ~71:Henan University of Urban Construction, Longxiang Road, Xinhua District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: Gao Caiyun;Gao Ning;Qu Qianlong;Song Ziying;Zheng Chongqi;Zhu Baoxun~

2026/00366 ~ Complete ~54:MODIFIED POLYCARBOXYLIC ACID WATER-REDUCING AGENT AND PREPARATION METHOD THEREFOR ~71:Hebei Chemical And Pharmaceutical College, No. 88, Fangxing Road, Yuhua District, Shijiazhuang, Hebei, 050026, People's Republic of China ~72: LIU, Yue~ 33:CN ~31:202311701139.4 ~32:12/12/2023

2026/00349 ~ Provisional ~54:A MUTUAL CONSENT RELATIONSHIP STATUS VERIFICATION SYSTEM USING TEMPORARY CODES ~71:Thabang Sydney Mphuthi, 28 10th Avenue, South Africa ~72: Thabang Sydney Mphuthi~

2026/00364 ~ Complete ~54:PEBBLE-CONTAINING LOW-REBOUND SHOTCRETE AND CONSTRUCTION METHOD THEREFOR ~71:CCCC Second Highway Engineering Co., Ltd., No. 262 Zhangba East Road, Yanta District, Xi'an, Shaanxi 710000, People's Republic of China ~72: CHEN, Yongzhou;FAN, Shengtong;HE, Xiangwen;JIANG, Dahai;LI, Wei;LIU, Shangwei;MA, Jianhua;MA, Xinxin;PAN, Bobo;WANG, Yaolong;YANG, Wenhui;ZHANG, Jiahao;ZHANG, Qi;ZHOU, Bin~ 33:CN ~31:202511916493.8 ~32:18/12/2025

2026/00369 ~ Complete ~54:PRODUCTION OF POLY-ALPHA-OLEFINS ~71:Neste Oyj, Keilaranta 21, ESPOO 02150, FINLAND, Finland ~72: VIKMAN, Kim;WAHLSTRÖM, Jan~ 33:FI ~31:20235804 ~32:07/07/2023

2026/00351 ~ Complete ~54:A KIND OF BODY FLUID COLLECTION AND STORAGE DEVICE FOR CLINICAL LABORATORY ~71:HENAN PROVINCE HOSPITAL OF TCM, No. 6 Dongfeng Road, Jinshui District, Zhengzhou City, Henan Province, 450000, People's Republic of China ~72: Li Lukai;Wang Dejun~

2026/00354 ~ Complete ~54:A SYSTEM AND METHOD FOR ADSORPTION ANALYSIS OF ORGANIC AND CHEMICAL SORBENTS FOR OIL SPILL MANAGEMENT ON LAND ~71:Dr. Dhrubajyoti Neog, Assistant Professor, Department of Petroleum Technology, Dibrugarh University, Dibrugarh, Assam - 786004, India;Dr. Nayan Medhi, Associate Professor, Department of Petroleum Engineering, DUIET, Dibrugarh University, Dibrugarh, Assam - 786004, India;Sanjukta Baruah, Senior Engineer (GMS), OIL, Duliajan, Assam, India ~72: Dr. Dhrubajyoti Neog;Dr. Nayan Medhi;Sanjukta Baruah~

2026/00357 ~ Complete ~54:PLANT TISSUE CULTURE CHAMBER DEVICE WITH AUTOMATIC HUMIDIFICATION FUNCTION ~71:Henan University of Urban Construction, Longxiang Road, Xinhua District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: GAN Taoran;LIU Jing;YUAN Hangzhe~

2026/00358 ~ Complete ~54:USE OF MULTIPLE HYDROPHOBIC INTERACTION CHROMATOGRAPHY FOR PREPARING A POLYPEPTIDE FROM A MIXTURE ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, New York, 10591, United States of America ~72: ISABELLE LIVIGNI;JAMES REILLY;JOHN MATTILA;STEFANIE MCDERMOTT~ 33:US ~31:62/693,024 ~32:02/07/2018

2026/00360 ~ Complete ~54:SIRNA, SIRNA CONJUGATE, PHARMACEUTICAL COMPOSITION AND USE THEREOF ~71:CHENGDU GOWELL BIO PHARMACEUTICAL CO., LTD., 33A、32E、33E, No. 5, Gaopeng East Road, Hi-Tech Industrial Development Zone, People's Republic of China ~72: CHEN, Youjin;HUANG, Yi;LV, Feilong;WEI, Chuanlai;WU, Yueqi;ZHOU, Wei~ 33:CN ~31:202311035517.X ~32:16/08/2023;33:CN ~31:202311341678.1 ~32:16/10/2023;33:CN ~31:202311543411.0 ~32:17/11/2023

2026/00367 ~ Complete ~54:CREEP FATIGUE STATE EVALUATION METHOD AND SYSTEM FOR HIGH-TEMPERATURE NUCLEAR POWER DEVICE ~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: CHEN, Xingwen;FENG, Shaodong;HU, Zhelin;LI, Juan;LU, Qiang;PAN, Keqi;YIN, Haifeng;ZHOU, Shaochong~ 33:CN ~31:202310790182.6 ~32:29/06/2023

2026/00380 ~ Complete ~54:DIPHENYLETHYLENE COMPOUNDS AND COMPOSITIONS THEREOF ~71:INNOVENE, INC., 207 Van Vorst St, Unit 506 Jersey City, New Jersey 07302 , Unit 506 Jersey City, New Jersey, 07302, United States of America;PROFESSIONAL COMPOUNDING CENTERS OF AMERICA, LTD., 9901 South Wilcrest Drive Houston, Texas, 77099, United States of America ~72: AUGUST S BASSANI;DANIEL BANOV;GUIYUN W SONG;MARIO CASTELLANOS~ 33:US ~31:63/526,122 ~32:11/07/2023

2026/00362 ~ Complete ~54:A NANOFORMULATION FOR THERAPEUTIC USE ~71:COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Anusandhan Bhawan, 2 Rafi Marg, India ~72: CHAUHAN, Santosh;DHAR, Kollori;JENA, Kautilya Kumar;KHADILKAR, Rohan;KUMAR, Bokara Kiran;RENGAN, Aravind Kumar;VENKATESH, Ishwariya~ 33:IN ~31:202411054279 ~32:16/07/2024

2026/00372 ~ Complete ~54:LOW COMPLEXITY NN-BASED IN LOOP FILTER ARCHITECTURES WITH SEPARABLE CONVOLUTION ~71:QUALCOMM Incorporated, ATTN: International IP Administration, 5775 Morehouse Drive, SAN DIEGO 92121-1714, CA, USA, United States of America ~72: KARCZEWICZ, Marta;LI, Yun;RUSANOVSKYY, Dmytro~ 33:US ~31:63/507,651 ~32:12/06/2023;33:US ~31:18/738,842 ~32:10/06/2024

2026/00379 ~ Complete ~54:GLP-1-FC-FGF21 DOUBLE-TARGET FUSION PROTEIN COMPOSITION, AND INJECTION AND USE THEREOF ~71:SUNSHINE LAKE PHARMA CO., LTD., Northern Industrial Area, Songshan Lake Dongguan, Guangdong, 523000, People's Republic of China ~72: CAN XIE;JIANGYU YAN;JUAN HONG;JUN XU;LINFENG GUO;QINGWEI GONG;WENJIA LI;XIAOPING LI;XIAOYING LIU;ZHIYAN YU~ 33:CN ~31:202310741972.5 ~32:20/06/2023

2026/00346 ~ Provisional ~54:A GOLFING ACCESSORY ~71:ESTERHUYSEN, Jean-Jacques, 1 Cypress Avenue, Heatherpark, South Africa;WHITCRAFT, Gregory David, 3D Clubhouse Drive, United States of America ~72: ESTERHUYSEN, Jean-Jacques;WHITCRAFT, Gregory David~

2026/00374 ~ Complete ~54:A METHOD AND A SYSTEM FOR DISPENSING A DOSE OF A LIQUID OR PASTY PRODUCT OCCUPYING A STORAGE ENCLOSURE OF VARIABLE VOLUME IN A CONTAINER ~71:BRILL PHARMA, S.L., Munner, 8, Spain ~72: BATLLE GRAU, Bàrbara;BUISAN FERRER, Josep;NIETO CAVIA, Laura~ 33:EP ~31:23382717.9 ~32:13/07/2023

2026/00348 ~ Provisional ~54:OMNIPATENT AI ~71:Brendan Godfrey John Dilgee, 41 Sixth Street, Rusthof, South Africa ~72: Brendan Godfrey John Dilgee~

2026/00356 ~ Complete ~54:PLANT TISSUE CULTURE BOTTLE CONVENIENT FOR OBSERVATION AND VENTILATION ~71:Henan University of Urban Construction, Longxiang Road, Xinhua District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: GAN Taoran;LIU Jing;YUAN Hangzhe~

2026/00361 ~ Complete ~54:TRICINE AND CITRIC ACID-BASED CATIONIC LIPIDS ~71:SANOFI, 46 avenue de la Grande Armée, France ~72: DASARI, Ramesh;DENG, Hongfeng;DEROSA, Frank;KARMAKAR, Saswata;KARVE, Shrirang;KAUSHAL, Neha;MIKOCHIK, Peter Justin;WANGWEERAWONG, Apiwat~ 33:EP ~31:23305930.2 ~32:12/06/2023;33:EP ~31:23306900.4 ~32:02/11/2023;33:EP ~31:23306902.0 ~32:02/11/2023

2026/00365 ~ Complete ~54:ANTIBODIES BINDING BTN3A1 AND USES THEREOF ~71:BIOSION INC., 5th Floor, Building D, 3-1 Zhongdan Unit, South Longshan Road, People's Republic of China ~72: CHEN, Mingjiu;LI, Jun;PENG, Zeyu~ 33:US ~31:63/535,618 ~32:31/08/2023

2026/00371 ~ Complete ~54:FLEXIBLE CABLE WITH INCREASED LIFE SPAN, AND A METHOD FOR PRODUCING A FLEXIBLE CABLE ~71:Cabin Air Group B.V., Bokkewiel 6, JOURE 8502 TX, THE NETHERLANDS, Netherlands ~72: VAN DER SCHUIT, Rinze Jan~ 33:NL ~31:2035422 ~32:19/07/2023

2026/00376 ~ Complete ~54:A PERSONAL CARE COMPOSITION ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: ADITI JAYAVANT KULKARNI;AMIT PATTANAIK;ANITA DAMODARAN;ASHISH ANANT VAIDYA;JONISH VARSHNEY;LIN WANG;MRUTHYUNJAYA SWAMY MATHAPATHI;PRAFUL GULAB RAO LAHORKAR;XUELAN GU~ 33:CN ~31:PCT/CN2023/109118 ~32:25/07/2023;33:EP ~31:23193411.8 ~32:25/08/2023

2026/00373 ~ Complete ~54:SECURITY SCREEN SYSTEM AND ASSEMBLY METHOD ~71:MESHTEC INTERNATIONAL CO., LTD., 168 Moo 3. Chiang Mai - Lampang Rd., Thailand ~72: EDLIN, David Neil;TAYLOR, Peter Syme~ 33:US ~31:63/528,233 ~32:21/07/2023;33:US ~31:63/639,086 ~32:26/04/2024

2026/00378 ~ Complete ~54:INDUCTION LOOP FOR MINERAL EXPLORATION ~71:KOBOLD METALS COMPANY, 64 Shattuck Square, Suite 210 Berkeley, California 94704, United States of America ~72: KURT HOUSE;THOMAS HUNT~ 33:US ~31:63/521,532 ~32:16/06/2023

. - APPLIED ON 2026/01/12 -

2026/00382 ~ Provisional ~54:A SYSTEM AND METHOD FOR REMOTELESS VOICE-CONTROLLED NAVIGATION AND DIGITAL CONTENT DISTRIBUTION ~71:RAW TV (PTY) LTD, 347 MAGWABA STREET, South Africa ~72: ABDUR-RAZZAQ DAWOOD;TSHIVHAHUVHI MOSES SADIKI~

2026/00389 ~ Provisional ~54:INTEGRATED DIGITAL PAYMENT, RETAIL CASH COLLECTION, AND TICKETING SYSTEM WITH CONDITIONAL REDEMPTION, GEOFENCING, AI FRAUD DETECTION, AND BLOCKCHAIN LEDGER TRACKING ~71:Ahmed Waseef Saib, 24 Park Avenue , Desainager, South Africa ~72: Ahmed Waseef Saib~

2026/00397 ~ Provisional ~54:MULTI-CHANNEL ANALOG SUPERVISORY CONTROL APPARATUS FOR ELECTROMECHANICAL SAFETY SYSTEMS. ~71:Zandile Mnguni, 5859 malefetse road, South Africa ~72: Zandile Mnguni~

2026/00408 ~ Complete ~54:INTELLIGENT TIMING CONTROL SYSTEM AND METHOD FOR PLANTAR FLAP TRANSPLANTATION HEATING LAMP ~71:Hunan Cancer Hospital, No. 582, Xianjia Lake, Yuelu District, Changsha City, Hunan Province, 410205, People's Republic of China ~72: Gaoming LIU;Jie BU;Shuo YANG;Xuezheng XU;Yanyun XIE;Yu GONG~ 33:CN ~31:2025120437601 ~32:30/12/2025

2026/00413 ~ Complete ~54:METHOD FOR PREDICTING OPERATIONAL RANGE PERFORMANCE OF INFRARED IMAGING SYSTEM BASED ON LABORATORY CALIBRATION ~71:Shaanxi University of Science And Technology, Shaanxi University of Science And Technology, Weiyang University Park, Xi'an, Shaanxi Province, 710021, People's Republic of China ~72: QI, Suxing;REN, Jiahui;YUAN, Hang;ZHANG, Yang~ 33:CN ~31:202510815335.7 ~32:18/06/2025

2026/00423 ~ Complete ~54:METHOD FOR ANALYZING POST-ASSEMBLY RESIDUAL STRESSES IN MICROWAVE ASSEMBLY ~71:YANSHAN UNIVERSITY, No. 438, West Section of Hebei Street, Qinhuangdao City, People's Republic of China ~72: QU, Minggui;WANG, Zhenhua;XIAO, Qingrui~ 33:CN ~31:202511752768.9 ~32:26/11/2025

2026/00424 ~ Complete ~54:PARP1 INHIBITOR COMPOUNDS ~71:DUKE STREET BIO LIMITED, 2 DUKE STREET, LONDON W1U 3EH, UNITED KINGDOM, United Kingdom ~72: COWLEY, Phillip, Martin;WISE, Alan~ 33:GB ~31:2308970.9 ~32:15/06/2023

2026/00433 ~ Complete ~54:TYK2 INHIBITORS AND COMPOSITIONS AND METHODS THEREOF ~71:Lynk Pharmaceuticals Co. Ltd., 291 Fucheng Road, Bldg 5-4F, Hangzhou Economic & Technological Development

Zone, HANGZHOU 310018, ZHEJIANG, CHINA (P.R.C.), People's Republic of China ~72: GREWAL, Gurmit;LI, Xiaodong;LIN, Weiyu;SU, Lin;VAZQUEZ, Michael Lawrence;WAN, Zhaokui~ 33:IB ~31:2023/100518 ~32:15/06/2023;33:IB ~31:2023/137938 ~32:11/12/2023;33:IB ~31:2024/075796 ~32:04/02/2024;33:IB ~31:2024/081039 ~32:11/03/2024

2026/00438 ~ Complete ~54:DESIGNED INTERLEUKIN-2 CYTOKINE COMPOSITIONS AND METHODS FOR USE ~71:Outpace Bio, Inc., 700 Dexter Ave N., Suite 300, SEATTLE 98109, WA, USA, United States of America ~72: BOYKEN, Scott;DAVENPORT, Thaddeus M.;LAJOIE, Marc;MOFFETT, Howell;NG, Andrew Howen;SAMPLE, Paul Joseph;WEITZNER, Brian~ 33:US ~31:63/513,540 ~32:13/07/2023

2026/00381 ~ Provisional ~54:A SYSTEM AND METHOD FOR THE TOKENIZATION OF PHYSICAL BULLION VIA INTEGRATED CUSTODIAL VERIFICATION AND DECENTRALIZED LEDGER PROTOCOLS. ~71:Helgardt Muller, 10 Faure Street, South Africa ~72: Helgardt Muller~

2026/00384 ~ Provisional ~54:EDEN FRAMEWORK VERSION 1 ~71:MOGALE MAPONYA, 994 ANGOLA STREET, South Africa ~72: MOGALE MAPONYA~

2026/00396 ~ Provisional ~54:FAR-UVC MOUTH SANITIZER ~71:LOUISE LIZAAN MEYER, 23 VOORTREKKER STREET, South Africa ~72: LOUISE LIZAAN MEYER~

2026/00404 ~ Complete ~54:METHOD FOR MEASURING AND ASSESSING ANXIETY LEVEL BASED ON HEART AND BREATHING RATE VARIABILITY ~71:Xiangnan University, Beilu, Wangxianling, East Side, Chenzhou City, Hunan Province, 423001, People's Republic of China ~72: Baiyue TIAN;Can TANG;Chang ZHOU;Chenxi HOU;Dong CAO;Huilong FANG;Jiayi NIAN;Jingyu ZENG;Junjie WANG;Lele YIN;Mingbo ZHOU;Ting LIANG;Xinyi LI;Yanbo PENG;Yueni SHEN;Zhifeng LI;Zhouhuan LI~ 33:CN ~31:202510046259.8 ~32:13/01/2025

2026/00410 ~ Complete ~54:APPLICATION OF GENE SLGA3OX4 IN CULTIVATION OF DWARF AND COMPACT PLANTS OF TOMATOES, AND METHOD FOR CULTIVATING DWARF AND COMPACT PLANTS OF TOMATOES ~71:Horticulture Research Institute, Sichuan Academy of Agricultural Sciences, No. 20 Jingjusi Road, Chengdu, Sichuan Province, 610066, People's Republic of China ~72: CHANG, Wei;GOU, Gaofeng;LI, Ju;LI, Zhi;LONG, Haicheng;MA, Yanqin;MIAO, Mingjun;SONG, Wenqian;YANG, Liang;ZHONG, Jian;ZHOU, Yujie~

2026/00415 ~ Complete ~54:METHOD FOR GENERATING DISTRIBUTED DATA STORAGE NETWORK BASED ON KNOWLEDGE GRAPH ~71:BEIJING HANXINSHENG TECHNOLOGY CO., LTD., Room 201, Floor 2, Building 214, No. 1 Shilipu Road, Chaoyang District, Beijing, 100000, People's Republic of China ~72: YANG, Fan;ZHANG, Zhijie;ZHAO, Shuai~ 33:CN ~31:202510423344.1 ~32:07/04/2025

2026/00416 ~ Complete ~54:DEVICE, SYSTEM AND METHOD FOR AUTONOMOUS THREAT DETECTION AND SUPPRESSION ~71:TITOV Artem Valerievich, ul. Lavochkina 24, kv.40, 125499, Moscow, Russian Federation ~72: TITOV Artem Valerievich~ 33:RU ~31:2025120064 ~32:21/07/2025

2026/00420 ~ Complete ~54:THREE-DIMENSIONAL PREDICTION METHOD FOR SURFACE DEFORMATION INDUCED BY TUNNEL WATER AND SAND LEAKAGE BASED ON THE RANDOM MEDIUM THEORY ~71:Henan Polytechnic University, No. 2001, Century Road, Shanyang District, Jiaozuo City, Henan Province, 454000, People's Republic of China ~72: CHEN Fan;FANG Yingran;GUO Jiaqi;HUANG Meng;HUANG Xin;LI Huikuan;LI Zhenghua;SUN Feiyue~

2026/00422 ~ Complete ~54:N-(3-(5-METHOXY-N-ACETYLTRYPTAMINE-1H-INDOL-3-YL))-1H-PYRAZOL-5-YL)FORMAMIDE DERIVATIVES, PREPARATION METHOD AND USE THEREOF ~71:Jinhua Municipal Central

Hospital, No. 365, Renmin East Road, Jinhua City, ZheJiang Province, 321000, People's Republic of China ~72: DU Wenjun;ZHANG Weidong~

2026/00427 ~ Complete ~54:SYSTEM FOR AGRICULTURAL SAMPLE SLURRY ANALYSIS AND RELATED METHODS ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: HARMAN, Reid;LEVY, Kent;MINARICH, Nicholas;SEELYE, Joshua~ 33:US ~31:63/508,341 ~32:15/06/2023

2026/00429 ~ Complete ~54:ANTI-GPC3 ANTIBODY OR ANTIGEN-BINDING FRAGMENT AND USE THEREOF ~71:SALUBRIS (CHENGDU) BIOTECH CO., LTD., No.1, 3rd Floor, Building 4, No. 1, Keyuan South Road, High-tech District, People's Republic of China ~72: LI, Ning;LIU, Xiaohong;MOU, Zongchun;PENG, Xiaolun;XIA, Xiaozhen;XIONG, Xiaolin~ 33:CN ~31:202310720746.9 ~32:16/06/2023;33:CN ~31:202311126022.8 ~32:01/09/2023;33:CN ~31:202311211948.7 ~32:18/09/2023

2026/00435 ~ Complete ~54:MULTISPECIFIC ANTIBODIES AND USES THEREOF ~71:LTZ Therapeutics Inc., 1100 Island Drive, Suite 103, REDWOOD CITY 94065, CA, USA, United States of America ~72: CASBON, Amy-Jo;FENG, Jintao;HU, Jie;HUANG, Su;KEDAGE, Vivekananda;LI, Jinze;NING, Zhenfei;PALMER, Rachael;SHENG, Zhentao;TREDER, Martin;XIA, Jingying;XIE, Liying;YANG, Xuejiao;YUAN, Ping;ZHOU, Jianhui~ 33:IB ~31:2023/107143 ~32:13/07/2023;33:IB ~31:2023/118668 ~32:14/09/2023;33:IB ~31:2023/128207 ~32:31/10/2023;33:IB ~31:2023/131905 ~32:16/11/2023;33:IB ~31:2024/086867 ~32:09/04/2024

2026/00439 ~ Complete ~54:SMARCA2 DEGRADERS AND USES THEREOF ~71:AstraZeneca AB, SÖDERTÄLJE SE-151 85, SWEDEN, Sweden ~72: CALIMAN, Alisha Danielle;GOPALSAMY, Ariamala;LEE, Esther Cheng Yin;MARCYK, Paul Tomas;REICHL, Kyle David;REIMANN, Christopher Elias;SCHNEIDER, Michael~ 33:US ~31:63/508,039 ~32:14/06/2023;33:US ~31:63/555,128 ~32:19/02/2024

2026/00442 ~ Complete ~54:METHOD AND APPLICATION FOR FAST SHARING OF IMAGES BETWEEN MOBILE ELECTRONIC DEVICES USING AN INNOVATIVE PLATFORM AND ARTIFICIAL INTELLIGENCE ~71:CRYSTAL LAGOONS TECHNOLOGIES, INC., 1395 Brickell Avenue, Suite 800,, Miami, Florida, 33131, United States of America ~72: FERNANDO FISCHMANN~ 33:US ~31:63/508,791 ~32:16/06/2023;33:US ~31:18/472,814 ~32:22/09/2023

2026/00448 ~ Complete ~54:SYSTEM AND METHOD FOR INTRA PREDICTION USING FRACTIONAL-PEL BLOCK VECTOR ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No.18 Haibin Road Wusha Chang'an, Dongguan, Guangdong, 523860, People's Republic of China ~72: HAOPING YU;JONATHAN GAN;YUE YU~ 33:US ~31:63/521,071 ~32:14/06/2023

2026/00450 ~ Complete ~54:MODIFIED POLYPEPTIDE AND USE THEREOF IN FIELD OF ANALGESIA ~71:Nanjing Anji Biotechnology Co., Ltd, Floor 6, Building A7, Hongfeng Technology Park, People's Republic of China ~72: XU, Hanmei;ZHOU, Tianxiong~ 33:CN ~31:PCT/CN2023/101880 ~32:21/06/2023

2026/00388 ~ Provisional ~54:SYSTEM AND METHOD FOR FACILITATING INTERNATIONAL TRADE TRANSACTIONS WITH INTEGRATED AI, TAX, LOGISTICS, AND PAYMENT MANAGEMENT VIA A MOBILE APPLICATION ~71:Ahmed Waseef Saib, 24 Park Avenue , Desainager, South Africa ~72: Ahmed Waseef Saib~

2026/00393 ~ Provisional ~54:MICROWAVABLE HEAT THERAPY DEVICE WITH ENHANCED HEAT RETENTION SHELL, EVEN FILLER DISTRIBUTION, AND MINERAL-BASED FILLER COMPOSITION ~71:Grant Marcus Rutenberg, 1 Restio Close, Lake Michelle, Noordhoek, Cape Town, Western Province, 7975, South Africa ~72: Grant Marcus Rutenberg~

2026/00399 ~ Provisional ~54:BIODEGRADABLE COMPOSITE MATERIAL FOR ARTIFICIAL NAIL APPLICATIONS ~71:Gugu Masondo, 11271 Eagle Rd, Stretford, South Africa ~72: Gugu Masondo~

2026/00405 ~ Complete ~54:ARTIFICIAL INTELLIGENCE-BASED BRIDGE STRUCTURE SAFETY MONITORING METHOD AND SYSTEM ~71:Haozhe Li, No. 100 Science Avenue, High Tech Development Zone, Zhengzhou City, Henan Province, People's Republic of China ~72: Haozhe Li~

2026/00409 ~ Complete ~54:PATHOLOGICAL IMAGE FEATURE ANALYSIS METHOD BASED ON ARTIFICIAL INTELLIGENCE AND SYSTEM THEREOF ~71:AFFILIATED HOSPITAL OF ZUNYI MEDICAL UNIVERSITY, No. 149, Dalian Road, Huichuan District, Zunyi City, Guizhou Province, People's Republic of China ~72: Jing Yang;Jinhua Xia;Qing Ji~ 33:CN ~31:2025117274859 ~32:24/11/2025

2026/00411 ~ Complete ~54:PIER ANTI-COLLISION BUFFER DEVICE ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: BU Chunfeng;GUO Yanhui;LI Hui;XIA Yingzhi~

2026/00418 ~ Complete ~54:METHOD AND SYSTEM FOR CLASSIFIED RESOURCE UTILIZATION OF SLUDGE ~71:Huadian Water Technology Co., Ltd., 601-1,Unit 1,Building No.1,Yard No.6, East Road of AutoMuseum ,Fengtai District,Beijing, People's Republic of China ~72: CHEN Beiyang;GUO Jianghai;WANG Zhaoqian;XUN Hongmin;YE Shurong;ZHAN Congjun;ZHAO Anran~ 33:CN ~31:2025118704125 ~32:12/12/2025

2026/00428 ~ Complete ~54:ANTI-TFR:GAA AND ANTI-CD63:GAA INSERTION FOR TREATMENT OF POMPE DISEASE ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: BAIK, Andrew;CYGNAR, Katherine;LIN, Allen;PEFANIS, Evangelos;PRAGGASTIS, Maria;SABIN, Leah~ 33:US ~31:63/516,395 ~32:28/07/2023

2026/00443 ~ Complete ~54:SOLID FORMS OF POSIPHEN D-TARTRATE ~71:ANNOVIS BIO, INC., 101 Lindenwood Drive, Suite 225, Malvern, Pennsylvania 19355, United States of America ~72: CHRISTOPHER SCOTT SEADEEK;MARIA MACCECCHINI;MICHAEL A CHRISTIE;VINU V PANIKKATTU~ 33:US ~31:63/509,356 ~32:21/06/2023;33:US ~31:63/580,011 ~32:01/09/2023

2026/00447 ~ Complete ~54:MEDICAL DEVICE PACKAGING AND RELATED METHODS ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, New York, 10591, United States of America ~72: ANNE WESPETAL;ASHLEY JOHANNES;BRYAN C GRYGUS;JIM FEDOR;TANYA MAGANA;WAYNE PHILLIPS~ 33:US ~31:63/508,812 ~32:16/06/2023

2026/00452 ~ Provisional ~54:ORAL CARE COMPOSITIONS WITH TIME-DEPENDENT SINGLE-STAGE COLOUR CHANGE FOR BRUSHING COMPLIANCE ~71:Antionelle Josline Cloete, 2 Keerom avenue, South Africa ~72: Antionelle Josline Cloete~ 33:ZA ~31:n/a ~32:10/01/2026

2026/00387 ~ Provisional ~54:A GRAVITY-DOMINATED DUAL-FLAG AUTOMATED FLAGGER ASSISTANCE DEVICE USING ASYMMETRIC DOUBLE-PENDULUM MOTION ~71:Thomas Wessels, 58 Thompson Street, South Africa ~72: Thomas Wessels~

2026/00390 ~ Provisional ~54:AI-ENHANCED HYBRID FIBRE-VOIP AND MOBILE NETWORK DESKTOP COMMUNICATION TERMINAL WITH AUTONOMOUS NETWORK SWITCHING AND INTELLIGENT CALL MANAGEMENT ~71:Ahmed Waseef Saib, 24 Park Avenue , Desainager, South Africa ~72: Ahmed Waseef Saib~

2026/00392 ~ Provisional ~54:AI-ENABLED FIBER OPTIC ONT ANTIVIRUS AND INTRUSION PROTECTION SYSTEM ~71:Ahmed Waseef Saib, 24 Park Avenue , Desainager, South Africa ~72: Ahmed Waseef Saib~

2026/00395 ~ Provisional ~54:MEAT PROCESSOR ~71:JOHAN KNOX, 3 SCHLEBUSCH STREET, South Africa ~72: JOHAN KNOX~

2026/00398 ~ Provisional ~54:DIGITAL GUARDIAN ~71:Ntobeko Zulu, 17 Pine Grove, South Africa ~72: Ntobeko Zulu~

2026/00403 ~ Complete ~54:A METHOD BASED ON THE ILEAL MICROBIOTA-BILE ACID AXIS TO EVALUATE THE EFFICACY OF A CHINESE HERBAL COMPOUND IN TREATING MASLD ~71:Shanxi Provincial Integrated TCM And WM Hospital, No. 13 Fudong Street, Xinghualing District, Taiyuan City, Shanxi Province, 030002, People's Republic of China;Shanxi University of Chinese Medicine, No. 121 Daxue Street, University Park, Jinzhong City, Shanxi Province, 030619, People's Republic of China ~72: Guiyu Wang;Jianguo Wang;Lin Lai;Qi Liu;Yuting Gao;Zhuoyue Jia~

2026/00406 ~ Complete ~54:REFINED DYNAMICS MODELING AND DYNAMIC PERFORMANCE EVALUATION METHOD FOR CONCAVE-CONVEX CONTACT S-SHAPED GEAR PLANETARY TRAIN ~71:Fuzhou University, Fuzhou University, No.2 Wulongjiangbei Avenue, Fuzhou University Town, Minhou County, Fuzhou City, Fujian Province, 350108, People's Republic of China ~72: JIA Chao;LU Ling;MA Jichuang~

2026/00412 ~ Complete ~54:AUXILIARY RETRACTOR FOR NEUROSURGICAL SURGERY ~71:AFFILIATED HOSPITAL OF ZUNYI MEDICAL UNIVERSITY, No. 149, Dalian Road, Huichuan District, Zunyi City, Guizhou Province, People's Republic of China ~72: Rui Liu~ 33:CN ~31:2025117267836 ~32:24/11/2025

2026/00440 ~ Complete ~54:3-[3-AMINO-6-(2-HYDROXYPHENYL)PYRIDAZIN-4-YL]-3,8-DIAZABICYCLO[3.2.1]OCTANE DERIVATIVES AS SMARCA2 DEGRADING PROTACS FOR THE TREATMENT OF CANCER ~71:AstraZeneca AB, SÖDERTÄLJE SE-151 85, SWEDEN, Sweden ~72: GINGIPALLI, Lakshmaiah;GOPALSAMY, Ariamala;LEE, Esther Cheng Yin;LICHTOR, Phillip;MARCYK, Paul Tomas;REICHL, Kyle David;REIMANN, Christopher Elias;SCHNEIDER, Michael;SCOTT, James~ 33:US ~31:63/508,027 ~32:14/06/2023;33:US ~31:63/555,123 ~32:19/02/2024

2026/00449 ~ Complete ~54:WIRELESS COMMUNICATION METHOD, AND DEVICE AND STORAGE MEDIUM ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, Dongguan, Guangdong 523860, People's Republic of China ~72: CHAOMING LUO;JUN ZHANG;LIUMING LU~

2026/00430 ~ Complete ~54:VALVE ~71:WEIR MINERALS NETHERLANDS B.V., Egtenrayseweg 9, Netherlands ~72: ADHIKARI, Sudip;STROEKEN, Johannes~ 33:GB ~31:2311670.0 ~32:28/07/2023

2026/00437 ~ Complete ~54:METHODS OF PERSONALIZING CANCER TREATMENT ~71:Processa Pharmaceuticals, Inc., 7380 Coca Cola Drive, Suite 106, HANOVER 21076, MD, USA, United States of America ~72: BIGORA, Sian;ISLAM, Khalid;LEONI, Lorenzo;YOUNG, David~ 33:US ~31:63/513,514 ~32:13/07/2023

2026/00445 ~ Complete ~54:SANITARY AND INCONTINENCE UNDERPANTS ~71:SEAMPRINT GMBH & CO. KG, Schulstrasse 8a, 82541, Münsing, Germany ~72: INGE SIEBERT;UDO SIEBERT~ 33:EP ~31:PCT/EP2023/067537 ~32:27/06/2023

2026/00451 ~ Complete ~54:PEPTIDE TARGETING C-MET, PHARMACEUTICAL COMPOSITION COMPRISING SAID PEPTIDE AND USE THEREOF ~71:Nanjing Anji Biotechnology Co., Ltd, Floor 6, Building A7, Hongfeng Technology Park, People's Republic of China ~72: CHEN, Peng;HAO, Chaowei;XU, Hanmei~ 33:CN ~31:PCT/CN2023/102222 ~32:25/06/2023

2026/00383 ~ Provisional ~54:UNIFIED FINANCIAL SETTLEMENT AND ORCHESTRATION SYSTEM WITH ATOMIC CROSS-SYSTEM SETTLEMENT, AI-DRIVEN REGULATORY COMPLIANCE, AND QUANTUM-RESISTANT SECURITY (ALL2ALL-PAY™) ~71:Banzi Cornelius Nkosi, The Innovation Hub Management Company. Office M61. The Innovation Centre Building. 1 Mark Shuttleworth Street. Lynwood Manor, South Africa ~72: Banzi Cornelius Nkosi~

2026/00385 ~ Provisional ~54:SYSTEMS AND METHODS FOR ISSUANCE, REGISTRY, AND RELIANCE ON GOVERNED WAGE AND CREDIT ARTEFACTS DERIVED FROM CANONICAL WAGE STATE OBJECTS ~71:Kabelo Diale, 7 Comet Street, South Africa ~72: KABELO DIALE~

2026/00391 ~ Provisional ~54:AI-POWERED LEGAL INTELLIGENCE SYSTEM WITH HEAD-MOUNTED DISPLAY AND WRIST-MOUNTED CONTROLLER ~71:Ahmed Waseef Saib, 24 Park Avenue , Desainager, South Africa ~72: Ahmed Waseef Saib~

2026/00394 ~ Provisional ~54:THE ORIGINAL BRAAI BOMB ~71:BRIAN STEVEN LOCKLEY, 36 FONTENAY, 4 SOMERVILLE AVENUE, MELROSE ESTATE, JOHANNESBURG, GAUTENG, South Africa ~72: BRIAN STEVEN LOCKLEY~

2026/00400 ~ Complete ~54:INTEGRATED CONTINUOUS REACTION DEVICE FOR IRON-BASED BIOCHAR MATERIAL ~71:Jinggangshan University, Jinggangshan University, 28 Xueyuan Road, Qingyuan District, Ji'an City, Jiangxi Province, 343009, People's Republic of China ~72: QIAN, Zhisen;SHAO, Bowen;WANG, Yuhao;XI, Zhixuan;YIN, Li~

2026/00402 ~ Complete ~54:ARTIFICIAL INTELLIGENCE-BASED PERSONALIZED TEACHING TUTORING METHOD AND SYSTEM ~71:Zhejiang International Maritime College, No. 268 ,Haitian Road, Lincheng New District, Zhoushan City, Zhejiang Province, 316021, People's Republic of China ~72: LEI Lei;LI Ziqiang;YAN Tianming;ZHOU Hongfen~

2026/00414 ~ Complete ~54:DISTRIBUTED MANAGEMENT SYSTEM AND METHOD FOR CLOUD CONTAINER CLUSTER ~71:BEIJING HANXINSHENG TECHNOLOGY CO., LTD., Room 201, Floor 2, Building 214, No. 1 Shilipu Road, Chaoyang District, Beijing, 100000, People's Republic of China ~72: LIU, Jia;YANG, Fan;ZHANG, Zhijie;ZHAO, Shuai~ 33:CN ~31:202510207167.3 ~32:25/02/2025

2026/00419 ~ Complete ~54:SMART BUSINESS ANALYTICS SYSTEM FOR CARBON CREDIT VALUATION, MARKET FORECASTING, AND SECURE BLOCKCHAIN ENABLED TRADING ~71:Dr. H. Sabeena Farveen, Research Supervisor Department of Commerce And Research Centre, Muslim Arts College, Thiruvithancode, India;Dr. M. Jagathish, Vice Principal, Research Supervisor, Department of Commerce and Research Centre, Muslim Arts College, Thiruvithancode, India;Dr. Murugesan Selvam, International Research Fellow, SEGi University, Malaysia; Senior Professor & Head (Ret.), Dept. of Commerce & Financial Studies, Bharathidasan University, Tiruchirappalli, India;Dr. P. Saritha Kumari, Head & Assistant Professor Research Supervisor, PG Department of Commerce, Sree Devi Kumari Women's College, Kuzhithurai, India;Dr. R. Rajesh Ramkumar, Assistant Professor, Department of Business Administration, Ayya Nadar Janaki Ammal College (Autonomous), Sivakasi, India ~72: Dr. H. Sabeena Farveen;Dr. M. Jagathish;Dr. Murugesan Selvam;Dr. P. Saritha Kumari;Dr. R. Rajesh Ramkumar~

2026/00425 ~ Complete ~54:DISPLAY WIDGETS FOR USE IN A MULTI-DISPLAY ENVIRONMENT ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: ALLGAIER, Ryan;WILCOXSON, David Aaron~ 33:US ~31:63/514,426 ~32:19/07/2023

2026/00432 ~ Complete ~54:TELEMATICS DEVICE AND FRAME ~71:BENJAMIN COULL, Suite D, Lower Road, Garsington, United Kingdom;SOLAR TELEMATICS LTD, Suite C, Lower Road, Garsington, United

Kingdom;STEVE TEW, Suite D, Lower Road, Garsington, United Kingdom ~72: COULL, Benjamin;TEW, Steve~ 33:GB ~31:2308849.5 ~32:13/06/2023;33:GB ~31:2317384.2 ~32:13/11/2023

2026/00434 ~ Complete ~54:PRODUCT ENGAGEMENT ASSEMBLY, RELATED SYSTEMS AND METHODS ~71:Graphic Packaging International, LLC, Law Department - 9th Floor, 1500 Riveredge Parkway, Suite 100, ATLANTA 30328, GA, USA, United States of America ~72: DYE, Ryan;FENZL, Eric;IRVINE, Robert H.~ 33:US ~31:63/527,974 ~32:20/07/2023

2026/00441 ~ Complete ~54:MULTI-SELECTION SHUTTER CAMERA APPLICATION THAT SELECTIVELY SENDS IMAGES TO DIFFERENT ARTIFICIAL INTELLIGENCE PLATFORMS ~71:CRYSTAL LAGOONS TECHNOLOGIES, INC., 1395 Brickell Avenue, Suite 800,, Miami, Florida, 33131, United States of America ~72: FERNANDO FISCHMANN~ 33:US ~31:63/508,749 ~32:16/06/2023;33:US ~31:18/472,900 ~32:22/09/2023

2026/00446 ~ Complete ~54:AUTO-INJECTOR AND RELATED METHODS OF USE ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, New York, 10591, United States of America ~72: ANDREW DUMONT;BRENDAN THOMPSON;BRYAN C GRYGUS;DANIELLE LAIACONA;IGOR DROBNJAK;JESSICA MASTROPIETRO;JESSICA MIKLINSKI;MAYA VANDERHORST;SARAH ELLIS;TREVOR LANGLEY~ 33:US ~31:63/508,780 ~32:16/06/2023;33:US ~31:63/551,995 ~32:09/02/2024

2026/00507 ~ Provisional ~54:OPPOSED-PISTON LINEAR ENGINE ASSEMBLY WITH TANGENTIAL FORCE MAXIMIZATION (TFM), VELOCITY-SYNCHRONIZED SECTOR DRIVE, AND INTEGRATED CAVITY COMBUSTION ~71:Granville Emlyn Julius, 7 Sunningdale drive, South Africa ~72: Granville Emlyn Julius~

2026/00453 ~ Provisional ~54:DATE-LOCKED ~71:Thabang Sydney Mphuthi, 28 10th Avenue, South Africa ~72: Thabang Sydney Mphuthi~

2026/00454 ~ Provisional ~54:A METHOD AND SYSTEM FOR SUSTAINING NON-PERIODIC MOTION IN COUPLED PENDULUM ASSEMBLIES USING ELECTROMAGNETIC ENERGY COMPENSATION ~71:Thomas Wessels, 495 Banket Drive West, South Africa ~72: Thomas Wessels~

2026/00386 ~ Provisional ~54:A SYSTEM AND METHOD FOR PROXIMITY-BASED COLLABORATIVE SOCIAL VERIFICATION, DISTRIBUTED IDENTITY MANAGEMENT, AND SYNCHRONIZED MULTIMEDIA GENERATION VIA WEARABLE AND DIGITAL IDENTIFIERS. ~71:Xabiso Zabo, 4 Lukwe Street, Tantyi Location, South Africa ~72: Xabiso Zabo~

2026/00401 ~ Complete ~54:NETWORK DATABASE SECURE ACCESS METHOD BASED ON ARTIFICIAL INTELLIGENCE ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: HE Yi;MIAO Qing;SHI Lei~

2026/00407 ~ Complete ~54:METHOD AND SYSTEM FOR INTELLIGENT GENERATION OF CULTURAL TOURISM VIDEO SCENE DESCRIPTION TEXT ~71:HENAN UNIVERSITY OF URBAN CONSTRUCTION, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: LI Gengrui;LI Hang;LIU Ao;TIAN Yali;ZHANG Qian~

2026/00417 ~ Complete ~54:BORON CONTAINING PYRAZOLE COMPOUNDS, COMPOSITIONS COMPRISING THEM, METHODS AND USES THEREOF ~71:Boehringer Ingelheim Animal Health USA Inc., 3239 Satellite Blvd., DULUTH 30096, GA, USA, United States of America;Borah, Inc., 3835 Cleghom Ave., Suite 300, NASHVILLE 37215, TN, USA, United States of America ~72: GRAHAM, Keith Andrew Newton;LIU, Chun Yu;LIU, Chunliang;LONG, Alan;PULLEY, Shon R.;ZHOU, Yasheen~ 33:US ~31:63/127,329 ~32:18/12/2020

2026/00421 ~ Complete ~54:MOLECULAR BIOLOGICAL METHOD FOR IDENTIFYING SPECIES OF THE GENUS CORYLUS ~71:Sichuan Academy of Forestry, No. 18, Xinghui West Road, Chengdu, Sichuan Province, 610081, People's Republic of China ~72: CHEN, Liu;DU, Jincheng;LI, Jiaman;LI, Pijun;LIN, Jiandong;WANG, Zeliang;WU, Ningzi~

2026/00426 ~ Complete ~54:DLL3 TARGETING PEPTIDES AND CONSTRUCTS THEREOF ~71:MARIANA ONCOLOGY INC., 100 Forge Road, Suite 600, United States of America ~72: BRANCA, Danila;BRUTON, Thomas C.;COSTANTE, Roberto;HUANG, Chunhui;MA, Zhong;METCALF III, Chester A.;RICARDO, Alonso;WAN, Murray;WU, Lihua~ 33:US ~31:63/508,208 ~32:14/06/2023;33:US ~31:63/554,470 ~32:16/02/2024

2026/00431 ~ Complete ~54:A RETROFITTABLE CULTIVATOR ASSEMBLY ~71:BEMBALGI, Abhishek, Satya Sai krupa Khanapur Road, Tilakwadi, Belagavi Karnataka, India, 590006, India;KHAN, Abduljabbar, 541, 3rd cross,, Vijayanagar, Hindala, Belagavi Karnataka, India, 591108, India ~72: BEMBALGI, Abhishek;KHAN, Abduljabbar~ 33:IN ~31:202341041518 ~32:19/06/2023

2026/00436 ~ Complete ~54:HEMATOPOIETIC CELL TARGETING CONJUGATES AND RELATED METHODS ~71:Marrow Therapeutics, Inc., 134 Coolidge Ave, #2, WATERTOWN 02472, MA, USA, United States of America ~72: DATTA, Abhishek;KANTOFF, Aaron M.;MOAREFI, Amir H.;MULLOKANDOV, Gregory~ 33:US ~31:63/514,956 ~32:21/07/2023

2026/00444 ~ Complete ~54:COMBINATION THERAPY INVOLVING MACROCYCLIC INDAZOLE COMPOUNDS ~71:BLOSSOMHILL THERAPEUTICS, INC., 10255 Science Center Drive, Suite 200, San Diego, California, 92121, United States of America ~72: DANAN LI;DAYONG ZHAI;JINGRONG JEAN CUI;PING JIANG;WEI DENG~ 33:US ~31:63/510,056 ~32:23/06/2023;33:US ~31:63/588,518 ~32:06/10/2023;33:US ~31:63/575,674 ~32:06/04/2024;33:US ~31:63/659,580 ~32:13/06/2024

2026/00479 ~ Complete ~54:POLYPEPTIDE CONJUGATE, PHARMACEUTICAL COMPOSITION CONTAINING POLYPEPTIDE CONJUGATE AND USE THEREOF ~71:Nanjing Anji Biotechnology Co., Ltd, Floor 6, Building A7, Hongfeng Technology Park, People's Republic of China ~72: LIU, Chen;XU, Hanmei;ZHANG, Hui~ 33:CN ~31:PCT/CN2023/102220 ~32:25/06/2023

. - APPLIED ON 2026/01/13 -

2026/00456 ~ Provisional ~54:SYSTEM AND METHOD FOR GENERATING CRYPTOGRAPHICALLY VERIFIABLE DOCUMENTATION–RUNTIME CORRESPONDENCE EVIDENCE FOR ARTIFICIAL INTELLIGENCE SYSTEMS ~71:Venture Labs (Pty) Ltd, 7 Sybille Road Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00463 ~ Complete ~54:TRADITIONAL CHINESE MEDICINAL LIQUOR FOR CANCER PREVENTION AND TREATMENT AND ITS PREPARATION METHOD ~71:Zongxian Yang, No. 23, Xiatou, Bantou Village, Laidian Town, Xianyou County, Putian, Fujian, People's Republic of China ~72: Zongxian Yang~

2026/00469 ~ Complete ~54:ANIMATION DISPLAY METHOD AND SYSTEM FOR DIGITAL CITIES ~71:HENAN UNIVERSITY OF URBAN CONSTRUCTION, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: LI Hang;SUN Miao;TIAN Yali;WANG Fang;ZHANG Qian~

2026/00476 ~ Complete ~54:A METHOD FOR ALLOCATING COMPUTING POWER OF INDUSTRIAL EQUIPMENT BASED ON EDGE COMPUTING ~71:JIANGSU DONGZHOU IOT TECHNOLOGY CO., LTD., Rooms 1503-1507, Tower A1, Jingfeng Lechuang Center, No. 68 Huachuang Road, Jiangbei New Area, Nanjing

City, People's Republic of China ~72: Bian JIAHAO;Chen HUAJIAN;Jiang FENG;Lu PENGXIN;Wang ZHENGLONG~

2026/00494 ~ Complete ~54:SINGLE-AND MULTI-CYTOKINE FUSION PROTEINS AND USES THEREOF ~71:Fuse Biotherapeutics Inc., 7A Henshaw Street, WOBURN 01801, MA, USA, United States of America ~72: RABINOVICH, Brian;TAKIMOTO, Jeffrey;ZHOU, Xueyuan~ 33:US ~31:63/472,939 ~32:14/06/2023;33:US ~31:63/472,972 ~32:14/06/2023;33:US ~31:63/527,948 ~32:20/07/2023;33:US ~31:63/530,784 ~32:04/08/2023;33:US ~31:63/641,265 ~32:01/05/2024

2026/00498 ~ Complete ~54:COMBINATION THERAPY ~71:ZEALAND PHARMA A/S, Sydmarken 11, 2860, Søborg, Denmark ~72: BILL VESTERGAARD~ 33:EP ~31:23182749.4 ~32:30/06/2023;33:EP ~31:23203438.9 ~32:13/10/2023

2026/00501 ~ Complete ~54:COMPOSITIONS HAVING VARIABLE HYDROPHOBICITY AND COATINGS COMPRISING SAME ~71:LUCENT BIOSCIENCES, INC., 207-1425 Marine Drive, West Vancouver, British Columbia, V7T 1B9, Canada ~72: FARAHNAZ NOURMOHAMMADIAN;PETER GROSS~ 33:US ~31:63/521,507 ~32:16/06/2023

2026/00503 ~ Complete ~54:CARBOLINE COMPOUNDS AND USE THEREOF ~71:PTC THERAPEUTICS, INC., 500 Warren Corporate Center Drive, Warren, New Jersey, 07059, United States of America ~72: BRADLEY GILBERT;HONGYU REN;KYLE NIEDERER;LIANG CAO;MALTE MIKUS;MATTEO CHIERCHIA;RAMIL BAIAZITOV;WOOHYUNG JEON;YOUNG-CHOON MOON;ZACHARY POWERS;ZHENRONG XU~ 33:US ~31:63/510,356 ~32:26/06/2023

2026/00457 ~ Provisional ~54:SYSTEM AND METHOD FOR GENERATING CRYPTOGRAPHICALLY VERIFIABLE DOCUMENTATION–RUNTIME CORRESPONDENCE EVIDENCE FOR ARTIFICIAL INTELLIGENCE SYSTEMS ~71:Venture Labs (Pty) Ltd, 7 Sybille Road Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00461 ~ Provisional ~54:RETRACTABLE LIGHTNING PROTECTION SYSTEM WITH OPTIONAL DEPLOYABLE FARADAY CAGE FOR PTZ SURVEILLANCE CAMERAS ON ELEVATED TOWERS" ~71:John William Cussons, Farm Rustig, Nelspruit, Mpumalanga, 1200, South Africa ~72: John William Cussons~

2026/00462 ~ Complete ~54:IMMERSIVE CULTURAL TOURISM GUIDED TOUR METHOD AND SYSTEM BASED ON VIRTUAL TECHNOLOGY ~71:HENAN UNIVERSITY OF URBAN CONSTRUCTION, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: LI Jiachen;TANG Shuzhuan;WANG Jiyuan;YU Huixia;ZHANG Hongzhen;ZHANG Yaomin~

2026/00464 ~ Complete ~54:ECOLOGICAL CULTIVATION METHOD FOR THE SYMBIOTIC GROWTH OF GANODERMA TSUGAE UNDER FOREST CANOPY WITH CONIFEROUS DEADWOOD ~71:Jilin Province Vegetable and Flower Research Institute, No. 588, Ganlin Street, Jingyue Development Zone, Changchun City, Jilin Province, People's Republic of China ~72: Qian Zhang;Shujuan Ji;Yue Wang;Yukun Ma;Zhu Lu;Ziming Ren~

2026/00471 ~ Complete ~54:SYNCHRONOUS SIFENG-ACUPOINT BLOODLETTING NEGATIVE PRESSURE GLOVE FOR CHILDREN ~71:Ningxia Medical University, No. 804 Shengli Street, Xingqing District, Yinchuan City, Ningxia Hui Autonomous, 750000, People's Republic of China ~72: GUO Bin;LIU Dong;MA Dong;NA Qianxi;QIAO Yu;REN Hailing;WANG Fei;XU Yajing;YE Rui;ZHANG Jing;ZHAO Changbin~ 33:CN ~31:202512028294X ~32:30/12/2025

2026/00474 ~ Complete ~54:POLYMER-MODIFIED SULPHOALUMINATE CEMENT-BASED REPAIR MATERIAL FOR HIGH-TEMPERATURE CONDITIONS AND ITS PREPARATION METHOD ~71:University of

Jinan, 336 Nanxinzhuang West Road, Jinan City, Shandong Province, People's Republic of China ~72: Jean Jacques Kouadjo Tchekwagep;Shifeng Huang;Zengqi Zhao;Zihao Li~

2026/00480 ~ Complete ~54:DEVICES, SYSTEMS, AND METHODS OF A CUTTING ELEMENT IN A BIT ~71:SCHLUMBERGER TECHNOLOGY B.V., Parkstraat 83, Netherlands ~72: DURAIRAJAN, Balasubramanian;GAN, Xiaoge;MUSHINSKI, Ryan;SONG, Huimin;ZHANG, Youhe~ 33:US ~31:63/512,693 ~32:10/07/2023

2026/00484 ~ Complete ~54:COMMISSION AGENT BANKING SYSTEM (CABS-AT) ~71:TESSEMA, Ameha, Tefera, Arat Killo, Kidistemariam, Woreda 06, PO Box 20412, Addis Ababa, Ethiopia ~72: TESSEMA, Ameha, Tefera~ 33:US ~31:18/601,336 ~32:11/03/2024

2026/00492 ~ Complete ~54:METHOD FOR IMPROVING EFFICIENCY AND ACCURACY OF GENE KNOCK-IN USING NON-RESIDENCE END OF CPF1 ~71:Yimuhe Hangzhou Biotechnology Co., Ltd, Room 1002, 10th Floor, Building 30, Qianwan Bioport, Ningwei Street, XIAOSHAN DISTRICT HANGZHOU 311215, ZHEJIANG, CHINA (P.R.C.), People's Republic of China ~72: CHEN, Ruodan;XIE, Anyong;YANG, Yi~ 33:CN ~31:202310739608.5 ~32:21/06/2023

2026/00458 ~ Provisional ~54:RECORDAL SYSTEM AND METHOD ~71:GALLERY OF GREENS (PTY) LTD, 291 MAIN STREET WATERKLOOF, South Africa ~72: ROBIN WILLIAM BROOKS;TOBIAS JAN DE FLAMIGH~

2026/00478 ~ Complete ~54:ADAPTIVE MONITORING SYSTEM AND METHOD FOR DEFROSTING INTERVAL TIME OF AIR-SOURCE VARIABLE-FREQUENCY HEAT PUMP ~71:QINGDAO BANKE FREQUENCY CONVERSION TECHNOLOGY CO., LTD., No.1 and 3 Workshop and No. 4 Office Building, No. 277, South of Minshan Road, Huangdao District, Qingdao City, People's Republic of China ~72: Guangming Ll;Jiangbo PAN;Xuxian LIU~ 33:CN ~31:2025115903288 ~32:03/11/2025

2026/00483 ~ Complete ~54:METHOD AND DEVICE FOR PRODUCING A CONSTRUCTION AGGREGATE ~71:T & T BROS. GMBH, Am Hartholz 2, Germany ~72: Thomas OTTL~ 33:EP ~31:23186648.4 ~32:20/07/2023

2026/00490 ~ Complete ~54:AEROSOL GENERATING COMPONENT ~71:Nicoventures Trading Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: MUSGRAVE, Damyn;WARREN, Jack~ 33:GB ~31:2311749.2 ~32:31/07/2023

2026/00499 ~ Complete ~54:A PERSONAL CARE COMPOSITION ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: XUE XIAO;XUELAN GU~ 33:CN ~31:PCT/CN2023/103624 ~32:29/06/2023;33:EP ~31:23189621.8 ~32:04/08/2023

2026/00505 ~ Complete ~54:ENCODING METHOD, DECODING METHOD, CODE STREAM, ENCODER, DECODER, AND STORAGE MEDIUM ~71:GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., No. 18, Haibin Road, Wusha, Chang'an, Dongguan, Guangdong 523860, People's Republic of China ~72: LUHANG XU~

2026/00455 ~ Provisional ~54:FIRE RESISTANT SUPPORT STRUCTURE FOR MOULDED STRUCTURES ~71:DU TOIT, Werner, 1A Welgemeen Street, Oranjezicht, South Africa ~72: DU TOIT, Werner~

2026/00460 ~ Provisional ~54:TRUST-GATED RELIANCE ON MICROWAVE AND ANALOG COMPUTE OUTPUTS IN HETEROGENEOUS COMPUTING SYSTEMS ~71:Novitalis AG, Burgstrasse 15, Switzerland ~72: Annelie Stapela;Dayle Wheeler~

2026/00486 ~ Complete ~54:NOVEL COMPOUNDS FOR THE TREATMENT OF CANCER AND METABOLIC DISEASES ~71:Katholieke Universiteit Leuven, KU Leuven R&D, Waaistraat 6 - box 5105, LEUVEN 3000, BELGIUM, Belgium;University of Zurich, Prorektorat Forschung, Rämistrasse 71, ZÜRICH 8006, SWITZERLAND, Switzerland ~72: BOLAND, Sandro;KATKEVICIUTE, Egle;KILONDA, Amuri;LAMBIN, Dominique;MARCHAND, Arnaud;PERICOLLE, Vincent;PERVOLARAKI, Kalliopi;SCHARL, Michael;SPALINGER, Marianne;VANHERCK, Jean-Christophe;VERSELE, Matthias~ 33:EP ~31:23185489.4 ~32:14/07/2023;33:EP ~31:24182972.0 ~32:19/06/2024

2026/00491 ~ Complete ~54:NOVEL COMPOUNDS FOR THE TREATMENT OF CANCER AND METABOLIC DISEASES ~71:Katholieke Universiteit Leuven, KU Leuven R&D, Waaistraat 6 - box 5105, LEUVEN 3000, BELGIUM, Belgium;University of Zurich, Prorektorat Forschung, Rämistrasse 71, ZÜRICH 8006, SWITZERLAND, Switzerland ~72: BOLAND, Sandro;KATKEVICIUTE, Egle;KILONDA, Amuri;LAMBIN, Dominique;MARCHAND, Arnaud;PERICOLLE, Vincent;PERVOLARAKI, Kalliopi;SCHARL, Michael;SPALINGER, Marianne;VANHERCK, Jean-Christophe;VERSELE, Matthias~ 33:EP ~31:23185489.4 ~32:14/07/2023;33:EP ~31:24182972.0 ~32:19/06/2024

2026/00497 ~ Complete ~54:ANALOGUES WITH IMPROVED PROPERTIES ~71:ZEALAND PHARMA A/S, Sydmarken 11, 2860, Søborg, Denmark ~72: JONATHAN GRIFFIN~ 33:EP ~31:23180765.2 ~32:21/06/2023;33:EP ~31:23185310.2 ~32:13/07/2023

2026/00506 ~ Complete ~54:SYSTEM FOR VIRTUALISING THE CENTRALISER CABINET IN SINGLE-PHASE TRANSFORMER BANKS AND/OR SINGLE-PHASE REACTOR BANKS OF DIGITAL SUBSTATIONS, METHOD FOR MONITORING AND SWITCHING DEFECTIVE PHASES, METHOD FOR TRAINING A NEURAL NETWORK FOR MONITORING AND SWITCHING DEFECTIVE PHASES, AND CORRESPONDING COMPUTER-READABLE MEMORY ~71:WEG EQUIPAMENTOS ELÉTRICOS S.A., Avenida Prefeito Waldemar Grubba, No. 3.300, Vila Lalau, 89.256-900, Jaraguá do Sul, SC, Brazil ~72: BRUNO ALEXANDRE OLESKOWICZ;CARLOS DE SOUZA MORAES NETO;RAFAEL BONET SCHEFFER~

2026/00466 ~ Complete ~54:AN INTELLIGENT PRODUCTION SCHEDULING OPTIMIZATION METHOD AND SYSTEM BASED ON A LARGE MODEL ~71:Hangzhou Bywin Technology Co. , Ltd., Room 12253, Building 1, No. 16 Pingle Street, Changhe Street, Binjiang District, Hangzhou City, Zhejiang Province, People's Republic of China ~72: Jiawei YAO;Jibin XIE;Weiqiang CHEN;Xiping CHEN;Yuejian XIA~ 33:CN ~31:2025103889218 ~32:31/03/2025

2026/00472 ~ Complete ~54:MODIFIED SHORT INTERFERING NUCLEIC ACID (SINA) MOLECULES AND USES THEREOF ~71:Aligos Therapeutics, Inc., 1 Corporate Drive, 2nd Floor, SOUTH SAN FRANCISCO 94080, CA, USA, United States of America ~72: BEIGELMAN, Leonid;DE COSTA, N. Tilani S.;ELTEPU, Laxman;HONG, Jin;HOSSBACH, Markus;MONTERO, Saul Martinez;PANDEY, Rajendra K.;RAJWANSHI, Vivek Kumar~ 33:US ~31:62/986,150 ~32:06/03/2020;33:US ~31:63/109,196 ~32:03/11/2020

2026/00477 ~ Complete ~54:TUBULAR THERMOELECTRIC COOLING MULTI-LAYER MEMBRANE DISTILLATION MODULE ~71:UNIVERSITY OF JINAN, No.336, Nanxinzhuang West Road, Shizhong District, Jinan, People's Republic of China ~72: GUO, Guangzhen;HAO, Zhenhan;HU, Zhuo;LIU, Xinying;LIU, Xuan;SONG, Zhuang;SU, Zhengxian;WANG, Shiqiang;ZHENG, Pengchao;ZHU, Xiaoxuan~ 33:CN ~31:2025100528311 ~32:14/01/2025

2026/00488 ~ Complete ~54:FAST-CURED INTUMESCENT COATINGS ~71:PPG Industries Ohio, Inc., 3800 West 143rd Street, CLEVELAND 44111, OH, USA, United States of America ~72: GU, Minchao;LIAO, Yuanxi;ZHAO, Zhongling;ZHOU, Hongying;ZHU, Luoyi~ 33:US ~31:63/513,698 ~32:14/07/2023

2026/00500 ~ Complete ~54:PERSONAL CARE COMPOSITION BASED ON CARBOXYMETHYL CYSTEIN COMPOUND AND CAROTENOID OR ESTER THEREOF ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: XUE XIAO;XUELAN GU~ 33:CN ~31:PCT/CN2023/103648 ~32:29/06/2023;33:EP ~31:23189624.2 ~32:04/08/2023

2026/00459 ~ Provisional ~54:SNAP FIT BOLT SEAL ~71:Terom1, 25 joubert place, South Africa ~72: Terome Naidoo~

2026/00467 ~ Complete ~54:METHOD AND SYSTEM FOR ANOMALY MONITORING OF NETWORK PORT DATA FLOW BASED ON BIG DATA ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467036, People's Republic of China ~72: HE Yi;MIAO Qing;SHI Lei~

2026/00475 ~ Complete ~54:PROSPECTING METHOD FOR PORPHYRY COPPER-GOLD DEPOSITS BASED ON THE EVOLUTION TRAJECTORY OF PLATINUM-GROUP ELEMENTS ~71:Kunming University of Science and Technology, No. 68, Wenchang Road, Yieryi Street, Kunming City, Yunnan Province, People's Republic of China ~72: CHEN Xianchao;DENG Yafeng;HUO Lianshuang;LI Wenchang;LIU Xuan;LIU Xuelong;LU Bode;LUO Cong;WANG Tao~ 33:CN ~31:2025119984852 ~32:26/12/2025

2026/00481 ~ Complete ~54:METHOD AND SYSTEM FOR FETAL MONITORING AND TREATMENT ~71:FMSA INC, 3101 N. Central Ave., #183 Phoenix, United States of America ~72: EDEN, Robert D.;SCHIFRIN, Barry~ 33:US ~31:63/509,470 ~32:21/06/2023

2026/00487 ~ Complete ~54:REACTOR BODY STRUCTURE AND REACTOR SYSTEM ~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: AI, Weijiang;CHEN, Wu;CHEN, Yuqing;DING, Zonghua;HE, Yinbiao;HUANG, Lei;JING, Yi;LIAO, Jiaqi;LIN, Shaoxuan;LIU, Gang;LIU, Runfa;XUE, Guohong;YAN, Jinquan;ZHANG, Ming;ZHANG, Wei;ZHANG, Zhai;ZHENG, Mingguang~ 33:CN ~31:202310709542.5 ~32:14/06/2023

2026/00496 ~ Complete ~54:AEROSOL GENERATING COMPONENT ~71:Nicoventures Trading Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: BRISCOE, Joel David;MUSGRAVE, Damyn;WARREN, Jack~ 33:GB ~31:2311749.2 ~32:31/07/2023;33:GB ~31:2314425.6 ~32:20/09/2023

2026/00504 ~ Complete ~54:USE OF A FORMONONETIN DERIVATIVE IN THE PREPARATION OF A DRUG FOR PREVENTING AND TREATING ACUTE LUNG INJURY ~71:NANJING UNIVERSITY OF CHINESE MEDICINE, 138 Xianlin Road, Nanjing, Jiangsu, 210023, People's Republic of China ~72: FENG LIU;JINAO DUAN;JING HAN;JINHUI LI;JU HAN;LIANGLIANG CHEN;SEN ZHANG;SHENG GUO;TINGTING XU;WENXIN JI;XIANG MAO;YANQING ZHANG~ 33:CN ~31:202510482469.1 ~32:17/04/2025

2026/00465 ~ Complete ~54:NETWORK ANOMALY BEHAVIOR MANAGEMENT SYSTEM BASED ON BIG DATA ~71:Chengdu University of Information Technology, No. 24, 1st section of Xuefu Road, Southwest Airport Economic Development Zone, Chengdu City, Sichuan Province, People's Republic of China ~72: Xiangyan Xu;Yan Wang;Yong Li~

2026/00473 ~ Complete ~54:EVENT PLANNING ASSEMBLY ~71:CLAY HEALTH (PTY) LTD, WATTLE GROVE ESTATE, FRAM 747 PORTION 2, HILDASIA, South Africa ~72: BECKERMANN, Kristi Joan~

2026/00493 ~ Complete ~54:METHOD FOR STABILIZING RNA ~71:Pfizer Inc., 66 Hudson Boulevard East, NEW YORK 10001-2192, NY, USA, United States of America ~72: BENNETT, Eric Matthew;DONALD, Robert

George Konrad;LIN LOHSE, Laura;SILMON DE MONERRI, Natalie Clare~ 33:US ~31:63/508,060 ~32:14/06/2023;33:US ~31:63/610,042 ~32:14/12/2023;33:US ~31:63/649,495 ~32:20/05/2024

2026/00495 ~ Complete ~54:AEROSOL GENERATING COMPONENT ~71:Nicoventures Trading Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: MUSGRAVE, Damyn;WARREN, Jack~ 33:GB ~31:2311750.0 ~32:31/07/2023

2026/00502 ~ Complete ~54:ALL GLASS BUCKET VAPORIZER ~71:DES PRODUCTS LTD., 8213 Secor Road, Room 583, Lambertville, Michigan, 48144, United States of America ~72: DANA E SHOCHED~ 33:US ~31:19/000,293 ~32:23/12/2024

2026/00468 ~ Complete ~54:BIODEGRADABLE PLANT FIBER REINFORCED NANOCOMPOSITE, PREPARATION METHOD AND APPLICATION THEREOF ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467041, People's Republic of China ~72: CAI Bin;FENG Qiao;JIN Anbei;LI Guili;MU Shijie;WANG Yaxu;ZHAO Tao;ZHU Yuanzhao~

2026/00470 ~ Complete ~54:METHODS AND COMPOSITIONS FOR INCREASING EFFICIENCY OF TARGETED GENE MODIFICATION USING OLIGONUCLEOTIDE-MEDIATED GENE REPAIR ~71:CIBUS EUROPE B.V., GOESSESTRAATWEG 19, NL-4421 AD KAPELLE, THE NETHERLANDS, Netherlands;CIBUS US LLC, 6455 NANCY RIDGE DRIVE, SAN DIEGO, CA 92121, USA, United States of America ~72: BEETHAM, Peter, R.;GOCAL, Gregory, F.W.;MOZORUK, Jerry;PEARCE, James;SAUER, Noel;SCHOPKE, Christian;SEGAMI, Rosa, E.~ 33:US ~31:61/953,333 ~32:14/03/2014;33:US ~31:62/051,579 ~32:17/09/2014;33:US ~31:62/075,811 ~32:05/11/2014;33:US ~31:62/075,816 ~32:05/11/2014;33:US ~31:62/133,129 ~32:13/03/2015

2026/00482 ~ Complete ~54:METER FOR AGRICULTURAL MATERIAL ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: CAUDILL, Kyle;MORGAN, Matthew;SCHWIND, Timothy;STUBER, Luke~ 33:US ~31:63/511,960 ~32:05/07/2023;33:US ~31:63/644,348 ~32:08/05/2024

2026/00485 ~ Complete ~54:FLUID APPLICATORS ~71:Elipse Health Ltd, 63 Bermondsey Street, LONDON SE1 3XF, UNITED KINGDOM, United Kingdom ~72: ROWE, Andrew;RUPRA, Perminder~ 33:GB ~31:2310028.2 ~32:30/06/2023

2026/00489 ~ Complete ~54:AEROSOL GENERATING COMPONENT ~71:Nicoventures Trading Limited, Globe House, 1 Water Street, LONDON WC2R 3LA, UNITED KINGDOM, United Kingdom ~72: MUSGRAVE, Damyn~ 33:GB ~31:2311755.9 ~32:31/07/2023

2026/00508 ~ Provisional ~54:DEXTER ~71:Bradley Dexter Bester, 14th Street Phoenix View Estat, South Africa ~72: Bradley Dexter Bester~ 33:ZA ~31:AFBRON ~32:12/01/2026

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2026/00511 ~ Provisional ~54:MIRROR BASED INTERACTIVE IMAGING SYSTEM FOR GUIDED USER ENGAGEMENT AND EVENT OR RETAIL SPECIFIC VISUAL CONTENT GENERATION. ~71:Musawenkosi Nzimande, 88 Gantner Street, South Africa ~72: Musawenkosi Nzimande~

2026/00516 ~ Complete ~54:PREPARATION METHOD OF SHELLED HOLLOW SPHERICAL BIMETALLIC ORGANIC FRAMEWORK MATERIAL ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, People's Republic of China ~72: GANG Xueqing;REN Haibo;SHI Jinjin;WANG Dongran;YAN Simeng~

2026/00524 ~ Complete ~54:FACTORY HYDROGEN STORAGE DEVICE FOR CONVENIENT MOBILITY ~71:Xinjang University, No. 666 Shengli Road, Tianshan District, Urumqi City, Xinjiang Uyghur Autonomous Region, 830046, People's Republic of China ~72: Shiyu WEI;Yaoning SUN;Yifei XU;Yongxin GUO~ 33:CN ~31:2026100032378 ~32:05/01/2026

2026/00527 ~ Complete ~54:PLATFORM FOR IDENTIFYING SALINE-ALKALINE RESISTANCE OF RICE IN CONTROLLABLE SALINE-ALKALI GRADIENT ENVIRONMENT AND USE METHOD THEREOF ~71:Northeast Institute of Geography and Agroecology,Chinese Academy of Sciences, No. 4888, Shengbei North Street, High-tech North District, Changchun City, Jilin Province, 130102, People's Republic of China ~72: FANG Xihe;GAO Yaochen;LI Jingpeng;MA Hongyuan;WANG Lilan;YANG Fu;ZHANG Xin~ 33:CN ~31:2025105712570 ~32:06/05/2025

2026/00530 ~ Complete ~54:PALM ACTIVATED DRUG DELIVERY DEVICE ~71:Janssen Biotech, Inc., 800/850 Ridgeview Drive, HORSHAM 19044, PA, USA, United States of America ~72: FOLEY, Nicholas;KRULEVITCH, Peter;OLSON, Lorin;PFRANG, Juergen E.;TASHJIAN, Paul;VOJAN, Vaclav;WANG, Jingli;ZHAO, Mingqi~ 33:US ~31:13/833,978 ~32:15/03/2013

2026/00531 ~ Complete ~54:PALM ACTIVATED DRUG DELIVERY DEVICE ~71:Janssen Biotech, Inc., 800/850 Ridgeview Drive, HORSHAM 19044, PA, USA, United States of America ~72: FOLEY, Nicholas;KRULEVITCH, Peter;OLSON, Lorin;PFRANG, Juergen E.;TASHJIAN, Paul;VOJAN, Vaclav;WANG, Jingli;ZHAO, Mingqi~ 33:US ~31:13/833,978 ~32:15/03/2013

2026/00552 ~ Complete ~54:PEST AND DISEASE IDENTIFICATION AND PREDICTION ALGORITHM BASED ON DEEP LEARNING ~71:JINGGANGSHAN UNIVERSITY, NO.28 XUEYUAN ROAD, QINGYUAN DISTRICT JI'AN CITY, People's Republic of China ~72: PENG, Shuo;WU, Haitao;YUAN, Minjie~ 33:WO ~31:PCT/CN2025/073825 ~32:22/01/2025

2026/00555 ~ Provisional ~54:INTEGRATED LOW-COST RAPID DIAGNOSTIC AND AI-ENABLED DIGITAL SURVEILLANCE SYSTEM FOR FOOT-AND-MOUTH DISEASE AND AVIAN INFLUENZA IN SMALLHOLDER LIVESTOCK FAR(BIO GUARD-SA) ~71:PHEHELLO MOLISE CONSTRUCTION (PTY) LTD, 1582 Zone 10 Sebokeng, South Africa ~72: Phehello Janie Lukas Molise~

2026/00512 ~ Provisional ~54:ROUTE-SEGMENT RISK PREDICTION SYSTEM USING MULTI-SOURCE DATA FUSION AND CONFIDENCE SCORING ~71:Cybernetic Business Group PTY LTD, B1902 Walford Estate 23 Walton Road, South Africa ~72: Windsor Msizi Gumede~

2026/00517 ~ Complete ~54:HANDLING SUBSTREAM DEPENDENCIES IN AUTHENTICATING VIDEO DATA STREAMS ~71:FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V., HANSASTRAßE 27C, 80686 MÜNCHEN, GERMANY, Germany ~72: HELLGE, Cornelius;HINZ, Tobias;MARPE, Detlev;PFAFF, Jonathan;SCHIERL, Thomas;SCHWARZ, Heiko;SKUPIN, Robert;SÁNCHEZ DE LA FUENTE, Yago;SÜHRING, Karsten;WIEGAND, Thomas~ 33:EP ~31:25152116.7 ~32:15/01/2025

2026/00520 ~ Complete ~54:A METHOD FOR ENHANCING SLUDGE FERMENTATION-DRIVEN BIOLOGICAL NITROGEN REMOVAL BASED ON ULTRA-FAST IN SITU ENRICHMENT OF ANAMMOX BACTERIA ~71:Beijing University of Technology, Beijing University of Technology, No.100 Pingleyuan, Chaoyang, Beijing, 100022, People's Republic of China ~72: Gao Jingfeng;Hao Shiwei;Yang Jiachun;Zhang Li~ 33:CN ~31:2025101288955 ~32:05/02/2025

2026/00523 ~ Complete ~54:DYNAMIC MONITORING AND EARLY WARNING METHOD FOR STORAGE SPACE IN DATA CENTER ~71:BEIJING HANXINSHENG TECHNOLOGY CO., LTD., Room 201, Floor 2,

Building 214, No. 1 Shilipu Road, Chaoyang District, Beijing, 100000, People's Republic of China ~72: LIU, Jia;YANG, Fan;ZHANG, Zhijie;ZHAO, Shuai~ 33:CN ~31:202510534686.0 ~32:27/04/2025

2026/00525 ~ Complete ~54:ARTIFICIAL INTELLIGENCE-BASED USER DATA SECURITY PROTECTION METHOD ~71:Hebei Vocational University of Industry and Technology, No. 626, Hongqi Street, Qiaoxi District, Shijiazhuang, Hebei, 050035, People's Republic of China ~72: GENG Lin;LIU Shaokun;YU Lina~

2026/00528 ~ Complete ~54:WEAR-RESISTANT AND HIGH-TEMPERATURE-RESISTANT MATERIAL FOR NEBULIZER AND ITS PREPARATION METHOD ~71:AFFILIATED HOSPITAL OF ZUNYI MEDICAL UNIVERSITY, No. 149, Dalian Road, Huichuan District, Zunyi City, Guizhou Province, People's Republic of China ~72: Binyu Yan;Fuan Zhang;Jiahao Huang;Lanying Zhang;Maomao Liu;Qilin Huang;Ting Ding;Yao Ouyang~

2026/00535 ~ Complete ~54:MULTIFUNCTIONAL AMPHIBIOUS CHASSIS ~71:FRESHWATER FISHERIES RESEARCH INSTITUTE OF JIANGSU PROVINCE, NO. 90, NANHU EAST ROAD, JIANYE DISTRICT, NANJING CITY, People's Republic of China;NANJING UNIVERSITY OF INDUSTRY TECHNOLOGY, NO. 1, YANGSHAN NORTH ROAD, QIXIA DISTRICT, NANJING CITY, People's Republic of China ~72: CHEN, Youming;ZHOU, Liangfu~

2026/00537 ~ Complete ~54:DCT-EXHAUST DRIVEN COOLING ~71:EPIROC ROCK DRILLS AKTIEBOLAG, SE-701 91, Örebro, Sweden ~72: ERIK AHLSTRÖM~

2026/00540 ~ Complete ~54:L-LYSINE SALT OF 4-CHLORO-5-[4-(2,6-DICHLOROPHENYL)SULFONYLPIPERAZIN-1-YL]-1-BENZOFURAN-2-CARBOXYLIC ACID AND VARIOUS FORMS THEREOF ~71:ENYO PHARMA, 60 avenue Rockefeller BIOSERRA 1 Bâtiment, B 69008, Lyon, France ~72: DIANE SAMPSON;FRANÇOISE RICHARD-TIBERGHIEN;JACKY VONDERSCHER;JOËL VACUS;JULIEN LEROUDIER;NICOLAS PHILIPPON;RAPHAËL DARTEIL;SANDRA WERNER~ 33:EP ~31:23306211.6 ~32:13/07/2023;33:US ~31:18/351,587 ~32:13/07/2023

2026/00541 ~ Complete ~54:RECOMBINANT VIRUS-LIKE PARTICLES ~71:SEQIRUS INC., 475 Green Oaks Parkway, Holly Springs, North Carolina, 27540, United States of America ~72: YONGFEI CAI~ 33:US ~31:63/510,970 ~32:29/06/2023

2026/00542 ~ Complete ~54:SARS-COV-2 RNA VACCINES AND USES THEREOF ~71:SEQIRUS INC., 475 Green Oaks Parkway, Holly Springs, North Carolina, 27540, United States of America ~72: CHENG CHANG;YONGFEI CAI~ 33:US ~31:63/511,340 ~32:30/06/2023

2026/00544 ~ Complete ~54:IMPROVEMENTS IN OR RELATING TO ORGANIC COMPOUNDS ~71:Givaudan SA, Chemin de la Parfumerie 5, VERNIER 1214, SWITZERLAND, Switzerland ~72: AUSSANT, Emmanuel;BROOKS, Matthew Peter~ 33:EP ~31:23179473.6 ~32:15/06/2023

2026/00546 ~ Complete ~54:FUNGICIDAL COMPOSITIONS ~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: BRYANT, Ruth Rebecca Morgan~ 33:EP ~31:23190086.1 ~32:07/08/2023

2026/00547 ~ Complete ~54:DIHYDROPYRIMIDINE-2, 4 (1H, 3H) -DIONE-CONTAINING POLYCYCLIC DERIVATIVES AND PHARMACEUTICAL COMPOSITION THEREOF, PREPARATION METHOD THEREOF AND USE THEREOF ~71:LinkCure Therapeutics, Grand Pavilion Commercial Centre, Suite 24, 802 West Bay Road., P.O. Box 10281, GRAND CAYMAN KYI -1003, CAYMAN ISLANDS, Cayman Islands ~72: CONTRERAS, Adrian;FU, Liqiang;JIN, Xuemei;LU, Chin-Chun;LU, Gang;QI, Zude;XIA, Yifeng~ 33:IB ~31:2023/100520 ~32:15/06/2023

2026/00548 ~ Complete ~54:USE OF STEROL ESTERS AS AN ADDITIVE IN ASPHALT BINDER ~71:A.L.M. Holding Company, 920 - 10th Avenue North, ONALASKA 54650, WI, USA, United States of America;Ergon Asphalt & Emulsions, Inc., 2829 Lakeland Drive, JACKSON 39232, MS, USA, United States of America ~72: BAUMGARDNER, Gaylon L.;HANZ, Andrew;REINKE, Gerald H.~ 33:US ~31:63/527,188 ~32:17/07/2023

2026/00549 ~ Complete ~54:FUSED PIPERIDINYL BICYCLIC AND RELATED COMPOUNDS FOR USE IN THE TREATMENT OF DISEASES ~71:InflaRx GmbH, Winzerlaer Str. 2, JENA 07745, GERMANY, Germany ~72: GUO, Renfeng;RIEDEMANN, Niels Christoph~ 33:EP ~31:23191805.3 ~32:16/08/2023;33:EP ~31:23218767.4 ~32:20/12/2023;33:EP ~31:24161751.3 ~32:06/03/2024;33:EP ~31:24172527.4 ~32:25/04/2024

2026/00553 ~ Complete ~54:INTERNET PROTOCOL SECURITY ANTI-REPLAY ~71:TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE-164 83, Sweden ~72: HALPERN, Joel;LIU, Daiying;MIGAULT, Daniel;PARKHOLM, Bo Ulf~ 33:CN ~31:PCT/CN2023/107925 ~32:18/07/2023

2026/00662 ~ Provisional ~54:TAXI DELIVERING BOTH ~71:LEBOGANG SELLO SAKKIE MASHILO, 7026 ZONE-6, SETILOANE STREET, GA-RANKUWA, South Africa ~72: LEBOGANG MASHILO~

2026/00513 ~ Complete ~54:FLUID CONTROL ASSEMBLY AND SYSTEM ~71:PRECISION PLANTING LLC, 23207 Townline Road, Tremont, United States of America ~72: HERRMANN, Tristan;SCHLIPF, Ben;STOLLER, Jason~ 33:US ~31:62/731,813 ~32:14/09/2018;33:US ~31:62/791,203 ~32:11/01/2019;33:US ~31:PCT/US2019/020452 ~32:02/03/2019;33:US ~31:62/840,372 ~32:29/04/2019

2026/00521 ~ Complete ~54:CEREBRAL HEMORRHAGE DEBRIDEMENT DEVICE ~71:AFFILIATED HOSPITAL OF ZUNYI MEDICAL UNIVERSITY, No. 149, Dalian Road, Huichuan District, Zunyi City, Guizhou Province, People's Republic of China ~72: Fuan Zhang;Jun Tang;Rui Liu~

2026/00533 ~ Complete ~54:SYSTEMS AND METHODS FOR SCHEDULING INFORMATION RETRIEVAL ~71:XERO LIMITED, 19-23 Taranaki Street, New Zealand ~72: ATLIN, Michael;GLENDINNING, Torrey;LEI, Judy;MUSTATEA, Lucian;PALUMBO, Justin;SMITH, Patrick~ 33:AU ~31:2021901020 ~32:08/04/2021

2026/00519 ~ Complete ~54:METHOD FOR DETERMINING POD ACTIVITY IN WHEAT GRAINS ~71:Crop Research Institute, Shandong Academy of Agricultural Sciences, No. 23788, Industrial North Road, Licheng District, Jinan City, Shandong Province, 250100, People's Republic of China ~72: Aifeng LIU;Cheng LIU;Dungong CHENG;Faji LI;Haosheng LI;Jianjun LIU;Jianmin SONG;Shengnan ZHAI;Xinyou CAO;Yingying LV~

2026/00522 ~ Complete ~54:INTEGRATED DEVICE FOR EXTRUDING, ASSEMBLING, AND INSPECTING LITHIUM BATTERY PACK AND ASSEMBLING AND INSPECTING METHOD THEREFOR ~71:JIANGSU LIHUI TECHNOLOGY CO., LTD., No. 3 Guangyue Road, Qixia Street, Qixia District, Nanjing, Jiangsu, 210046, People's Republic of China ~72: LI, Yingtong;WANG, Hai;WANG, Nannan;WU, Qikai~ 33:CN ~31:202511348373.2 ~32:20/09/2025

2026/00529 ~ Complete ~54:ANTI-LAG-3 ANTIBODIES AND METHODS OF USE THEREOF ~71:Agenus Inc., 3 Forbes Road, LEXINGTON 02421, MA, USA, United States of America ~72: JENNINGS, Shawn Michael;MUNDT, Cornelia Anne;SAVITSKY, David Adam;VAN DIJK, Marc;WILSON, Nicholas Stuart~ 33:US ~31:62/406,766 ~32:11/10/2016;33:US ~31:62/420,280 ~32:10/11/2016

2026/00534 ~ Complete ~54:DISPLAY DEVICE FOR CULTURAL AND CREATIVE PRODUCT DESIGN ~71:YUEYANG VOCATIONAL TECHNICAL COLLEGE, XUEYUAN ROAD,YUEYANGLOU DISTRICT, YUEYANG CITY, People's Republic of China ~72: LU, Fang;NIE, Dongyun~

2026/00539 ~ Complete ~54:WASH COMPOSITION WITH ANIONIC SULFATE AND SULTAINE NOT RELIANT ON PALM KERNEL OIL ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: MINGJUN YUAN;TIRUCHERAI VARAHAN VASUDEVAN~ 33:EP ~31:23182804.7 ~32:30/06/2023

2026/00543 ~ Complete ~54:COMBINATION RNA VACCINE ~71:SEQIRUS INC., 475 Green Oaks Parkway, Holly Springs, North Carolina, 27540, United States of America ~72: PALANIAPPAN RAMANATHAN;VIVEK ADVANI~ 33:US ~31:63/511,332 ~32:30/06/2023

2026/00536 ~ Complete ~54:PHARMACEUTICAL COMPOSITION COMPRISING A QUINAZOLINE COMPOUND ~71:ASTELLAS PHARMA INC., 2-5-1, Nihonbashi-Honcho, Chuo-ku, Tokyo, 103-8411, Japan ~72: ASUKA SAITO~ 33:EP ~31:23180998.9 ~32:22/06/2023

2026/00509 ~ Provisional ~54:A MACHINE ~71:Albert Stanford, 542 Grunberger Street, South Africa ~72: Albert Stanford~

2026/00514 ~ Complete ~54:BLOCKCHAIN TECHNOLOGY-BASED TEACHING RESOURCE SHARING METHOD AND SYSTEM ~71:Zhejiang International Maritime College, No. 268 ,Haitian Road, Lincheng New District, Zhoushan City, Zhejiang Province, 316021, People's Republic of China ~72: BAI Changshun;DU Li'e;JIN Yueqi;WU Najiong;YUAN Yaping~

2026/00551 ~ Complete ~54:A DRUG-ELUTING STENT COMPRISING A BIOCOMPATIBLE THERMOPLASTIC POLYMER LINING AND A DRUG-CONTAINING COATING ~71:SCITECH MEDICAL INC., 2400 NW 93rd Ave, DORAL, United States of America ~72: ALMEIDA FLEURY CURADO, Luciano;CORDEIRO, Eduardo Jose;DA CUNHA NETO, Melchiades;MARRA MOREIRA, Alexander;NUNES DE SOUSA, Jordana~ 33:EP ~31:23382599.1 ~32:15/06/2023

2026/00554 ~ Complete ~54:METHODS AND COMPOSITIONS FOR MODIFYING PLANT YIELD TRAITS ~71:MONSANTO TECHNOLOGY LLC, 800 North Lindbergh Boulevard, United States of America;PAIRWISE PLANTS SERVICES, INC., 807 East Main Street, Suite 4-100, Durham, United States of America ~72: KIM, HaeJin;MODLISZEWSKI, Jennifer Louise;O'CONNOR, Devin Lee;WU, Xiaoyun~ 33:US ~31:63/515,851 ~32:27/07/2023

2026/00526 ~ Complete ~54:LASER ENGRAVING PRECISION CONTROL METHOD AND SYSTEM ~71:Shenzhen Rui Hong Plastic Metal Coating Technology Co., Ltd., No.13 Workshop, Xingda Road, Yanchuan Community, Songgang Street, Bao'an District, Shenzhen City, Guangdong Province, 518000, People's Republic of China ~72: Wang Zheng;Zhang Cong;Zhang Xinyue~ 33:CN ~31:2025108353692 ~32:20/06/2025

2026/00510 ~ Provisional ~54:REAL-TIME, HYPER-LOCAL CLIMATE INTELLIGENCE SYSTEM AND METHOD ~71:Climatrix AI Ltd., 245 Alhaji Ganiyu Alimi Crescent, Gbagada Phase 2, Lagos 102216, NIGERIA, Nigeria ~72: FAHM, Umar Adekunle~

2026/00515 ~ Complete ~54:OPEN-SYSTEM CHEMICAL KINETIC HIGH-TEMPERATURE AND HIGH-PRESSURE EXPERIMENTAL APPARATUS ~71:KUNMING UNIVERSITY OF SCIENCE AND TECHNOLOGY, No.68 Wenchang Road, 121 Street, Kunming City, Yunnan Province, 650000, People's Republic of China ~72: HAN Runsheng;WEI Pingtang;ZHANG Yan~

2026/00518 ~ Complete ~54:SUBSTREAM DEPENDENCIES IN A TRUSTWORTHINESS CHECK OF A VIDEO DATA STREAM ~71:FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V., HANSASTRAßE 27C, 80686 MÜNCHEN, GERMANY, Germany ~72: HELLGE, Cornelius;HINZ, Tobias;MARPE, Detlev;PFAFF, Jonathan;SCHIERL, Thomas;SCHWARZ, Heiko;SKUPIN,

Robert;SÁNCHEZ DE LA FUENTE, Yago;SÜHRING, Karsten;WIEGAND, Thomas~ 33:EP ~31:25152117.5 ~32:15/01/2025

2026/00532 ~ Complete ~54:DUAL-MODE EMOTION REGULATION SYSTEM BASED ON DATA SYNCHRONIZATION ~71:YUEYANG VOCATIONAL TECHNICAL COLLEGE, XUEYUAN ROAD, YUEYANGLOU DISTRICT, YUEYANG CITY, People's Republic of China ~72: DAI, Xiaotian~

2026/00538 ~ Complete ~54:VIRUS-LIKE PARTICLES FOR THE TREATMENT OF SARS-COV2 ~71:SEQIRUS INC., 475 Green Oaks Parkway, Holly Springs, North Carolina, 27540, United States of America ~72: YONGFEI CAI~ 33:US ~31:63/508,537 ~32:16/06/2023

2026/00545 ~ Complete ~54:CONVEYOR BELT SCRAPER ~71:CLIMACO, Francelino Jose De Sousa, 4 Railway Parade, KURRI KURRI 2327, NEW SOUTH WALES, AUSTRALIA, Australia ~72: CLIMACO, Francelino Jose De Sousa~ 33:AU ~31:2023902268 ~32:15/07/2023

2026/00550 ~ Complete ~54:CRYSTALLINE FORMS OF A MENIN INHIBITOR ~71:Kura Oncology, Inc., 4930 Directors Place, Suite 500, SAN DIEGO 92121, CA, USA, United States of America ~72: ANDRES, Patricia;BAKALE, Roger Paul;BOWE, Craig Michael;DENG, Xiaohu;SENGUPTA, Dipanjan~ 33:US ~31:63/514,089 ~32:17/07/2023;33:US ~31:63/655,384 ~32:03/06/2024

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2026/00598 ~ Complete ~54:POSITIVE MODULATORS OF THE MUSCARINIC ACETYLCHOLINE RECEPTOR M4 ~71:VANDERBILT UNIVERSITY, 305 Kirkland Hall 2201 West End Avenue, Nashville, TN 37240, United States of America ~72: ALEXA E RICHARDSON;ALISON R GREGRO;CRAIG W LINDSLEY;DARREN W ENGERS;KAYLA J TEMPLE;MADELINE F LONG~ 33:US ~31:63/509,589 ~32:22/06/2023;33:US ~31:63/610,220 ~32:14/12/2023

2026/00600 ~ Complete ~54:SHORT CHAIN FREE BAR COMPOSITIONS COMPRISING C18:3 SOAP ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: DANIEL DARIN PONTE;RAFAEL ASTOLFI;SERGIO ROBERTO LEOPOLDINO;YURIY KONSTANTINOVICH YAROVOY~ 33:EP ~31:23188350.5 ~32:28/07/2023

2026/00557 ~ Provisional ~54:MAGNETICALLY LEVITATED AXIAL-FLUX GENERATOR ~71:CHRISTOPHER PARADZAYI CHEMHURU, 4 BONNYVIEW CLOSE,PHILADELPHIA,BORROWDALE, Zimbabwe ~72: CHRISTOPHER PARADZAYI CHEMHURU~

2026/00561 ~ Provisional ~54:SYSTEM AND METHOD FOR GENERATING CRYPTOGRAPHICALLY BOUND RESULT CODE TAXONOMY FOR DOCUMENTATION-RUNTIME CORRESPONDENCE VERIFICATION OF ARTIFICIAL INTELLIGENCE SYSTEMS ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00565 ~ Provisional ~54:MOBILE SPA SERVICE SYSTEM AND METHOD ~71:The Blend Wellness (Pty) Ltd, Mall of Thembisa, Shop UG10B, Upper entrance. cnr Olifantsfontein and Aluminium Dr, South Africa ~72: Gugulethu Masondo~

2026/00563 ~ Provisional ~54:SYSTEM AND METHOD FOR GENERATING ADVISORY REGULATORY RE-ASSESSMENT EVIDENCE OF POTENTIAL MODIFICATION OF ARTIFICIAL INTELLIGENCE SYSTEMS WITHOUT AUTOMATED COMPLIANCE DETERMINATION ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00575 ~ Complete ~54:A STORAGE IN AND OUT DEVICE AND CONTROL METHOD FOR MATERIAL PALLET ~71:Hangzhou Lingzhi Technology Digital Equipment Co., Ltd, Room 1201, 12th Floor, Building 1, Qimeng Entrepreneurship Center, Liangzhu Street, Yuhang District, Hangzhou City, Zhejiang Province, People's Republic of China ~72: Fan Xiaonan;Shen Jia;Wu Junyu;Yao Jianping;Yu Shibin;Zhang Lu;Zhang Yang~ 33:CN ~31:2025113401408 ~32:19/09/2025

2026/00593 ~ Complete ~54:ANTI-HER2 ANTIBODY FOR USE IN TREATING A LOW HER2 EXPRESSING TUMOR IN A SUBJECT ~71:EPSILOGEN LTD, Waterfront, Arc West London, Manbre Road, Hammersmith, London, W6 9RH, United Kingdom ~72: KEVIN FITZGERALD;TIM WILSON~ 33:GB ~31:2309703.3 ~32:27/06/2023

2026/00588 ~ Complete ~54:METHODS OF SYNTHESIZING CHELATED CHROMIUM ~71:Otoro Energy, Inc., 3800 Colorado Ave., Unit B, BOULDER 80303, CO, USA, United States of America ~72: MURDZEK, Jessica;ROBB, Brian~ 33:US ~31:63/510,871 ~32:28/06/2023

2026/00581 ~ Complete ~54:LIGHTWEIGHT CONCRETE BLOCK STRUCTURE ~71:CHONGQING UNIVERSITY OF ARTS AND SCIENCES, No. 318, Honghe Avenue, Yongchuan District, People's Republic of China ~72: CHEN, Jiantao;CHEN, Siyu;CHEN, Xiaoyan;LAN, Jie;LAN, Yi;WANG, Yao;YANG, Xingyi;ZHANG, Xingxing;ZHAO, Jixiang;ZHONG, Shengming~ 33:CN ~31:2025116009428 ~32:04/11/2025

2026/00576 ~ Complete ~54:ORIFICE QUICK PLUG DEVICE SUITABLE FOR MULTI-APERTURE CYCLIC REUSE ~71:Gansu Lingtai Shaozhai Coal Industry Co., Ltd., Shaozhai Town, Lingtai County, Pingliang City, Gansu Province, 744401, People's Republic of China ~72: CHEN, Fangming;DENG, Jifu;LI, Xin;LI, Yanpeng;SHI, Xin;WANG, Miaomiao;WU, Xiaoyang;ZHAI, Xinrong;ZHU, Kai~

2026/00578 ~ Complete ~54:DEVICE FOR DISRUPTING ALGAL CELL WALLS AND EXTRACTING ACTIVE SUBSTANCES BASED ON HIGH-PRESSURE HOMOGENIZATION ~71:JIANGSU FENGHUA BIOTECHNOLOGY CO., LTD., NO. 307, ZHONGYANG AVENUE, FENGXIAN ECONOMIC DEVELOPMENT ZONE, XUZHOU CITY, People's Republic of China ~72: ZHANG, Jianguo~

2026/00586 ~ Complete ~54:METHOD AND APPARATUS FOR CLOSING A TUBULAR KNITTED ARTICLE AT ONE OF ITS AXIAL ENDS, AT THE END OF ITS PRODUCTION CYCLE ON A CIRCULAR KNITTING MACHINE FOR HOSIERY OR THE LIKE ~71:Lonati S.p.A., VIA FRANCESCO LONATI, 3, BRESCIA 25124, ITALY, Italy ~72: LONATI, Ettore;LONATI, Fausto;LONATI, Francesco~ 33:IT ~31:102023000015651 ~32:26/07/2023

2026/00595 ~ Complete ~54:IMPROVED WOUND DRESSING AND METHOD TO PREPARE IT ~71:RESCURE GMBH, Lessingstraße 1 02625 Bautzen, Germany ~72: CARSTEN WERNER;LUCAS SCHIRMER;PASSANT ATALLAH;SEBASTIAN KÜHN;UWE FREUDENBERG~ 33:EP ~31:23184323.6 ~32:07/07/2023

2026/00597 ~ Complete ~54:3-PHENYLPROPYLAMINE DERIVATIVE ~71:DAIICHI SANKYO COMPANY, LIMITED, 3-5-1, Nihonbashi Honcho, Chuo-ku, Tokyo, 1038426, Japan ~72: HIDEAKI KAGEJI;HIDEKAZU INOUE;KEIGO MURAKAMI;MARIKO SHIMONAGA;MASAYA FUJII;MASAYUKI EBISAWA;NAOKI KUKI;NORIYUKI HAYASHI;SAKI BANJO;SHINJI TSUTSUMI;TAKASHI ASAHI;TAKASHI TSUJI;TAKUYA IGARASHI;TETSUYOSHI MATSUFUJI;TOMOHARU TSUKADA;YUTO TSUCHIYA;YUUICHI SUGIMOTO~ 33:JP ~31:2023-169833 ~32:29/09/2023

2026/00566 ~ Complete ~54:MEASUREMENT POLE FOR COMMUNITY QUADRAT AND CIRCULAR PLOT SURVEYS ~71:SICHUAN FORESTRY AND GRASSLAND SURVEY AND PLANNING INSTITUTE, Renmin north Road, Jinniu District, Chengdu City, Sichuan Province, 610081, People's Republic of China ~72: CHEN Yuan;HU Bo;KANG Chenpu;KUANG Liangping;WANG Yang;WEI Peng;YAN Wenchao;ZHOU Jingjie~

2026/00569 ~ Complete ~54:HIGH-EFFICIENCY POWER CONVERSION CONTROL METHOD AND POWER ADAPTER ~71:Shenzhen Keyu Power Supply Technology Co., Ltd., 1F-8F, No.13, Yuquan East Road, the 2nd Industrial Park, Yulv, Guangming District, Shenzhen, Guangdong, 518107, People's Republic of China ~72: CHEN, Junting;LI, Xiangqian;WANG, Zhi~ 33:CN ~31:202510497192.X ~32:21/04/2025

2026/00590 ~ Complete ~54:METHODS FOR TREATING CHRONIC INFLAMMATORY DEMYELINATING POLYNEUROPATHY ~71:argenx BV, Industriepark Zwijnaarde 7, ZWIJNAARDE 9052, BELGIUM, Belgium ~72: BEAUCHAMP, Jon;BEELKE, Manolo;DE PAEPE, Els;DINCQ, Stephanie;GUPTILL, Jeffrey;HOFMAN, Erik;ISTAS, Geoffrey;JIANG, Ming;LOWE, Murray;PARYS, Wim;SEGHERS, Katarina;TRUYEN, Luc;VAN HOORICK, Benjamin~ 33:GB ~31:2310890.5 ~32:16/07/2023;33:US ~31:63/617,702 ~32:04/01/2024;33:US ~31:63/662,098 ~32:20/06/2024

2026/00577 ~ Complete ~54:RISK ASSESSMENT SYSTEM FOR RESPIRATORY MEDICINE DISEASES BASED ON MACHINE LEARNING ~71:AFFILIATED HOSPITAL OF ZUNYI MEDICAL UNIVERSITY, No. 149, Dalian Road, Huichuan District, Zunyi City, Guizhou Province, People's Republic of China ~72: Huan Ma;Lanying Zhang;Maomao Liu;Ting Ding~

2026/00571 ~ Complete ~54:ANTI-INFLUENZAA TRADITIONAL CHINESE MEDICINE COMPOSITION AND ITS PREPARATION METHOD ~71:Sheng Dong, No. 147, Hedian Street, Hedian Town, Xiangyun County, Dali Bai Autonomous Prefecture, Yunnan Province, People's Republic of China ~72: Sheng Dong~

2026/00574 ~ Complete ~54:METHOD FOR INTELLIGENT IDENTIFICATION OF PLANT DISEASES AND PESTS IN LANDSCAPE GARDENS BASED ON MULTISPECTRAL IMAGES ~71:Jinling Institute of Technology, No. 99 Hongjing Avenue, Jiangning District, Nanjing City, Jiangsu Province, 211100, People's Republic of China ~72: LIU Wei;SUN Lijuan;WANG Miao;WU Junxiao;ZHI Hongye~

2026/00582 ~ Complete ~54:CAPTURING CARBON DIOXIDE ~71:CARBON ENGINEERING ULC, 37322 Galbraith Road, Box 187, Squamish, Canada ~72: BOWMAN, Chris;FELDKAMP, Markus Bernward;HORNER, Maxwell Douglas;KULICK, III, Frank M.;OSTERICHER, Andrew Logan;PACE, John Mitchell;SCHEMMANN, Christoph;WILKE, Todd Ernest~ 33:US ~31:63/515,540 ~32:25/07/2023;33:US ~31:63/568,782 ~32:22/03/2024

2026/00592 ~ Complete ~54:A SENSING ARRANGEMENT FOR A STIRRED MILL AND A METHOD OF SENSING IN A STIRRED MILL ~71:METSO USA INC., 275 N. Corporate Drive, Brookfield, Wisconsin, 53045, United States of America ~72: SUDARSHAN MARTINS~

2026/00601 ~ Provisional ~54:VELDGUARD ~71:C Murphy, 5 Petronella Street Westering, South Africa ~72: C Murphy~

2026/00558 ~ Provisional ~54:BIODEGRADABLE FILTER TOW COMPRISING POLYLACTIC ACID, COTTON FIBERS, AND BIOMASS-DERIVED BIOCHAR ~71:Boitumelo Mphahlele, 35 Northway Street, South Africa ~72: Boitumelo Mphahlele~

2026/00567 ~ Complete ~54:A HIGH-EFFICIENCY SNADF BIO-DENITRIFICATION DEVICE AND METHOD BASED ON ENDOGENOUS BIOMASS FERMENTATION ~71:Beijing University of Technology, Beijing University of Technology, No.100 Pingleyuan, Chaoyang, Beijing, 100022, People's Republic of China ~72: Gao Jingfeng;Si Guangchao;Zhang Li~ 33:CN ~31:2025102536276 ~32:05/03/2025

2026/00573 ~ Complete ~54:METHOD FOR INTELLIGENT EVALUATION AND PROTECTION OF SPATIAL PATTERNS IN TRADITIONAL VILLAGES BASED ON MULTI-SOURCE DATA FUSION ~71:Jinggangshan

University, Jinggangshan University, No. 28 Xueyuan Road, Qingyuan District, Ji'an City, Jiangxi Province, 343009, People's Republic of China ~72: OUYANG, Lu;WANG, Rui~

2026/00583 ~ Complete ~54:POST-TREATMENT PROCESS FOR COLD-ROLLED SEAMLESS STEEL PIPE ~71:ZHEJIANG YONGSHANG SPECIAL MATERIALS CO., LTD., 88 Jincang Road, Miaogao Subdistrict, Suichang County, Lishui, Zhejiang, 323300, People's Republic of China ~72: Deng Zhijian;Fang Dewei;He Yan;Zhang Jie~

2026/00596 ~ Complete ~54:WIRELESS TRANSMIT/RECEIVE UNIT (WTRU) TO WTRU RELAY MEDIA ACCESS CONTROL (MAC) ACCESS CONFLICT SUPPORT ~71:INTERDIGITAL PATENT HOLDINGS, INC., 200 Bellevue Parkway, Suite 300, Wilmington, Delaware, 19809, United States of America ~72: JUNG JE SON;MAGURAWALAGE CHATHURA MADHUSANKA SARATHCHANDRA;MICHELLE PERRAS;SAMIR FERDI;TAIMOOR ABBAS~ 33:US ~31:63/527,379 ~32:18/07/2023

2026/00585 ~ Complete ~54:ANCHORING STRUCTURE FOR GROUND MOUNTING OF SOLAR PHOTOVOLTAIC ENERGY GENERATION SYSTEM ~71:WATERSHED GEOSYNTHETICS LLC, 1125 Sanctuary Parkway, United States of America ~72: AYERS, Michael R.;EHMAN, S. Kyle;KEREN, Benjamin;REEF, Neta~ 33:US ~31:18/223,408 ~32:18/07/2023

2026/00580 ~ Complete ~54:METHOD AND DEVICE FOR VIDEO-BASED RAINFALL MONITORING ~71:WUHAN UNIVERSITY, Wuchang Luojia Hill, Wuhan City, People's Republic of China ~72: CHEN, Hua;HUANG, Kailin;LIBU, Dire;LU, Shunguo;YAN, Kang~

2026/00584 ~ Complete ~54:METHOD OF CONTROLLING WEEDS ~71:UPL EUROPE SUPPLY CHAIN GMBH, Suurstoffi 37, Switzerland;UPL MAURITIUS LIMITED, 6th Floor, Suite 157B, Mauritius ~72: FERREIRA, Flavia Megda;KORIMA, Rodrigo;LEAL, Jéssica Ferreira Lourenco;NETO, Ayrton Berger~ 33:IN ~31:202311041072 ~32:16/06/2023

2026/00594 ~ Complete ~54:LONG-ACTING INTRA-ARTICULAR DOSAGE FORMS CONTAINING FLUTICASONE PROPIONATE AND USE THEREOF ~71:EUPRAXIA PHARMACEUTICALS INC., 2067 Cadboro Bay Road, Unit 201, Victoria, British Columbia, V8R 5G6, Canada ~72: AMANDA MALONE;JAMES HELLIWELL;JAMES PRICE;MICHAEL GAINES;TROY LOSS~ 33:US ~31:63/510,309 ~32:26/06/2023

2026/00559 ~ Provisional ~54:SYSTEM AND METHOD FOR GENERATING CRYPTOGRAPHICALLY VERIFIABLE EVIDENCE RECEIPTS FOR ARTIFICIAL INTELLIGENCE OUTPUTS IN REGULATED DECISION ENVIRONMENTS ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00560 ~ Provisional ~54:TIME-FROZEN DETERMINISTIC VERIFICATION CAPSULES ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00562 ~ Provisional ~54:SCHEMA-AUTHORITY-GOVERNED EVIDENCE COMPLETENESS VERIFICATION WITH CROSS-EVIDENCE-TYPE ATTESTATION FOR AI GOVERNANCE ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00564 ~ Provisional ~54:SYSTEM AND METHOD FOR AGENTIC AUTHORITY BOUNDARY VERIFICATION, COMPOSITE PRIVILEGE EVALUATION, AND EVIDENCE GENERATION IN MULTI-AGENT AI SYSTEMS ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00568 ~ Complete ~54:TERAHERTZ-BAND SURFACE PLASMON POLARITON TRANSMISSION LINE STRUCTURE BASED ON SILICON CMOS PROCESS ~71:Guangzhou University, 230 Wai Huan Xi Road,

Guangzhou Higher Education Mega Center, Guangzhou, Guangdong Province, 510006, People's Republic of China ~72: Rui MA;Yifan LI;Yuan LIANG~

2026/00570 ~ Complete ~54:PROBE SYSTEM FOR PLASMA ARC WELDING PLASMA MEASUREMENT ~71:China-Ukraine Institute of Welding, Guangdong Academy of Sciences, No. 363, Changxing Road, Tianhe District, Guangzhou, Guangdong Province, 510650, People's Republic of China ~72: CAI Detao;LI Zhenlong;LUO Ziyi;WU Xiangcai~

2026/00572 ~ Complete ~54:MODULATORS OF THE INTEGRATED STRESS RESPONSE PATHWAY ~71:EVOTEC INTERNATIONAL GMBH, ESSENER BOGEN 7, 22419 HAMBURG, GERMANY, Germany ~72: ATTON, Holly;BROWN, Christopher, John;CARR, James, Lindsay;CONVERS-REIGNIER, Serge;CORR, Michael;FLOWER, Marissa;PALMER, Christopher, Francis;REBOULE, Irena, Doly;SABBAH, Mohamad;SADLER, Scott;SHINE, Jonathan;WALTER, Daryl, Simon~ 33:EP ~31:19170504.5 ~32:23/04/2019;33:EP ~31:19216875.5 ~32:17/12/2019

2026/00587 ~ Complete ~54:LOW SUGAR-BASED FOOD COMPOSITIONS WITH ROASTED INGREDIENT ~71:Société des Produits Nestlé S.A., Avenue Nestlé 55, VEVEY 1800, SWITZERLAND, Switzerland ~72: FONTANESI, Massimo;NOVOTNY, Ondrej;VALLES-PAMIES, Baltasar~ 33:EP ~31:23180983.1 ~32:22/06/2023

2026/00591 ~ Complete ~54:METHODS OF BUFFER PREPARATION FOR A THERAPEUTIC PROTEIN FORMULATION ~71:Amgen Inc., One Amgen Center Drive, THOUSAND OAKS 91320-1799, CA, USA, United States of America ~72: NEGRON MARTY, Arnaldo;PADMAKUMAR, Vikashni;REYES APONTE, Ivette~ 33:US ~31:63/514,444 ~32:19/07/2023

2026/00579 ~ 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

2026/00589 ~ Complete ~54:ANTI-FACTOR XII/XIIA ANTIBODIES AND USES THEREOF ~71:Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, TARRYTOWN 10591, NY, USA, United States of America ~72: CHALOTHORN, Dan;LAI, KehDih;MITNAUL, Lyndon;MORTON, Lori C.;YANCOPOULOS, George D.~ 33:US ~31:63/514,392 ~32:19/07/2023

2026/00599 ~ Complete ~54:DYNAMIC PTX PLANT ~71:TOPSOE A/S, Haldor Topsøes Allé 1, 2800, Kgs. Lyngby, Denmark ~72: LARI BJERG KNUDSEN;PER AGGERHOLM SØRENSEN~ 33:DK ~31:PA202330129 ~32:19/07/2023

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2026/00613 ~ Complete ~54:ONLINE SAMPLING AND FULLY MIXED FLOW SIMULATION EXPERIMENTAL DEVICE FOR HIGH-TEMPERATURE AND HIGH-PRESSURE ROCK AND MINERAL FORMATION ~71:KUNMING UNIVERSITY OF SCIENCE AND TECHNOLOGY, No.68 Wenchang Road, 121 Street, Kunming City, Yunnan Province, 650000, People's Republic of China ~72: HAN Runsheng;WEI Pingtang;ZHANG Yan~

2026/00625 ~ Complete ~54:PLATINUM ORE GRINDING AND CLASSIFICATION SYSTEM ADAPTING TO THE REQUIREMENT OF FINER GRINDING FINENESS ~71:CHINA UNIVERSITY OF MINING AND TECHNOLOGY, No.1 Daxue Road, Quanshan District, Xuzhou City, Jiangsu Province, 221116, People's Republic of China;China Nerin Engineering Co., Ltd., No.888 Qianhu Avenue, Hongjiaozhou, Nanchang City, Jiangxi Province, 330036, People's Republic of China ~72: LI Wenhua;MA Dan;SHEN Louyan;WU Jiangyu;ZHANG Chunhu;ZHUANG Tao~

2026/00628 ~ Complete ~54:SUCTION TIP AND SALIVA EJECTOR FOR PERIODONTAL CLEANING OF ORAL CAVITY ~71:Inner Mongolia Medical University, Chilechuan Dairy Industry Development Zone, Hohhot City, Inner Mongolia Autonomous Region, 010110, People's Republic of China ~72: Niu Yan;Sun, Ling;Wu, Yuhong~

2026/00604 ~ Provisional ~54:REAL-TIME HEALTH MONITORING AND ADAPTIVE CONTROL OF MINING EQUIPMENT VIA VIBRATION RHYTHM SYMMETRY INFERENCE ~71:Tofara Moyo, 5 Protea lane Newtonwest, Zimbabwe ~72: Tofara Moyo~

2026/00606 ~ Provisional ~54:SYSTEM AND METHOD FOR CRYPTOGRAPHICALLY VERIFIABLE TRAINING DATA PROVENANCE RECEIPTS FOR ARTIFICIAL INTELLIGENCE SYSTEMS ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00609 ~ Provisional ~54:MULTI-FUNCTIONAL LAPTOP SLING BAG WITH INTEGRATED ORGANIZATIONAL, SECURITY, AND ERGONOMIC FEATURES ~71:Ahmed Waseef Saib, 24 Park Avenue , Desainager, South Africa ~72: Ahmed Waseef Saib~

2026/00634 ~ Complete ~54:A NATURAL LANGUAGE PROCESSING BASED MULTIPURPOSE SUMMARIZER SYSTEM FOR ONLINE VIDEO TRANSCRIPTS AND TEXTUAL CONTENTS ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: JOSHI, Swati;MAHADIK, Dhruti Vinay;PATIL, Kushagra Chandrashekhar;PAWAR, Pradhumna;POYAM, Nirbhay Pundlik;RAJPUT, Vaishali;SHINDE, Shalakha Sandeep;SINGH, Pragathi~

2026/00637 ~ Complete ~54:A FOOD PREORDER AND QUEUE MANAGEMENT SYSTEM FOR COLLEGE CANTEENS ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: AMUNE, Amruta;PATIL, Piyush;PISAL, Viraj;POKALE, Sarthak;POL, Samarth;PORETI, Om;RAJPUROHIT, Piyush;RAJPUT, Vaishali~

2026/00640 ~ Complete ~54:AN AUTOMATED LEGAL ANALYTICAL SYSTEM FOR DOCUMENT ANALYSIS, MULTILINGUAL RECOMMENDATION, CONTRACT GENERATION AND TAMPER-EVIDENT REPORTING ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: BHARAMBE, Dnyanesh Mahendra;CHAUDHARI, Prasad B.;CHAVHAN, Pranali G.;DHADAVE, Adwait;DHAMALE, Divyanka Devram;MAHALLE, Parikshit N.;PANDEY, Vanshika Nimesh;PAWAR, Yogesh~

2026/00646 ~ Complete ~54:TARGETED TREATMENT OF COMPLEMENT-MEDIATED DISEASE THROUGH LOCAL COMPLEMENT INHIBITION BASED ON URINARY UC5B-9 DETECTION ~71:Akebia Therapeutics, Inc., 245 First Street, Suite 1400, CAMBRIDGE 02412, MA, USA, United States of America ~72: GALAND, Claire;MORGAN, Jennifer;RYAN, Sarah;THURMAN, Joshua M.;VIOLETTE, Shelia Marie;WAWERSIK, Stefan~ 33:US ~31:63/527,123 ~32:17/07/2023

2026/00652 ~ Complete ~54:COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF 3-HYDROXY-3-METHYLGLUTARYL-COA REDUCTASE (HMGCR) ~71:SHANGHAI ARGO BIOPHARMACEUTICAL CO., LTD., J2026, Room 1_203, 337 Shahe Road, Jiangqiao Town, Jiading District, Shanghai, 201803, People's Republic of China ~72: DONGXU SHU;PENGCHENG PATRICK SHAO;SHIWEI XIA~ 33:CN ~31:PCT/CN2023/101548 ~32:21/06/2023

2026/00656 ~ Complete ~54:SYSTEM AND METHOD FOR HYPERSPECTRAL IMAGE-BASED QUALITY CONTROL ANALYSIS OF CROP LOADS ~71:NEOLITHICS LTD, 2 Habanim Street, Israel ~72: IGNAT, Timea;MORGAN, Guy;OSHEROVICH, Eliyahu;SCHMILOVITCH, Ze'ev~ 33:US ~31:18/226,543 ~32:26/07/2023

2026/00660 ~ Complete ~54:METHOD FOR DIAGNOSING TUBERCULOSIS DISEASE ~71:STELLENBOSCH UNIVERSITY, Admin B, Victoria Street, South Africa ~72: CHEGOU, Novel Njweipi;VAN DER SPUY, Gian;WALZL, Gerhard~ 33:ZA ~31:2023/06459 ~32:22/06/2023

2026/00665 ~ Provisional ~54:CEMENT-FREE COMPOSITE MATERIAL FROM BIOMASS-DERIVED ASH AND BIOCHAR ~71:ABEL DANIEL PETRUS VAN DER MERWE, ALPINE WAY 329, LYNNWOOD, GAUTENG, South Africa ~72: ABEL DANIEL PETRUS VAN DER MERWE~

2026/00664 ~ Provisional ~54:INTEGRATED BIOMASS CASCADE PROCESS FOR RESOURCE RECOVERY ~71:ABEL DANIEL PETRUS VAN DER MERWE, ALPINE WAY 329, LYNNWOOD, GAUTENG, South Africa ~72: ABEL DANIEL PETRUS VAN DER MERWE~

2026/00648 ~ Complete ~54:SUSPENSION CONCENTRATE COMPOSITIONS OF SPINOSYNS ~71:Adama Makhteshim Ltd., P.O. Box 60, BEER SHEVA 8410001, ISRAEL, Israel ~72: DAYAGI, Yohai;MINES, Yaakov~ 33:US ~31:63/527,087 ~32:17/07/2023

2026/00654 ~ Complete ~54:COMPOSITIONS FOR DELIVERY OF PLASMODIUM ANTIGENS AND RELATED METHODS ~71:BIONTECH SE, An der Goldgrube 12, 55131, Mainz, Germany ~72: ALEXANDRA WALLS;ANJA DOKIC;ANNETTE VOGEL;ASAF PORAN;CHARLES JENNISON;CHARLES LEFCO DULBERGER;DANIEL ABRAM ROTHENBERG;GAVIN PALOWITCH;JOHN SROUJI;KARLA-GERLINDE SCHRAUT;LYNDA MARIA STUART;PATRICIA DOS SANTOS MEIRELES;RAQUEL MARISKA FURTADO;STEPHANIE ERBAR;SVENJA GROBE;THERESA ADDONA;THOMAS ZIEGENHALS;THORSTEN KLAMP;UGUR SAHIN~ 33:US ~31:63/515,330 ~32:24/07/2023;33:US ~31:63/580,303 ~32:01/09/2023;33:US ~31:63/570,777 ~32:27/03/2024;33:US ~31:63/634,381 ~32:15/04/2024;33:US ~31:63/641,939 ~32:02/05/2024

2026/00619 ~ Complete ~54:DYNAMIC PREDICTION AND INTERVENTION SYSTEM FOR BRAND LOYALTY BASED ON MULTIMODAL ANALYSIS ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Jiale LIU;Ke WANG;Meng ZHENG;Na LAN;Wei SONG~

2026/00626 ~ Complete ~54:COMPREHENSIVE MINERAL PROCESSING TECHNOLOGY FOR SPODUMENE WITH HIGH AMBLYGONITE CONTENT ~71:CHINA UNIVERSITY OF MINING AND TECHNOLOGY, No.1 Daxue Road, Quanshan District, Xuzhou City, Jiangsu Province, 221116, People's Republic of China;China Nerin Engineering Co., Ltd., No.888 Qianhu Avenue, Hongjiaozhou, Nanchang City, Jiangxi Province, 330036, People's Republic of China ~72: DUAN Yilong;FENG Yuguo;LI Wenhua;MA Dan;SHEN Louyan;WU Jiangyu~

2026/00633 ~ Complete ~54:AN AI-ENABLED IOT INTRUSION DETECTION SYSTEM BUILT ON BEAGLEBOARD HARDWARE ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: BADGUJAR, Aditya Pramod;CHANDURKAR, Parth Rajesh;MAHALLE, Parikshit N.;RAJESHWAR, Sujal;WALISHETTY, Prathamesh Vinay;WANKHADE, Shalini Vaibhav~

2026/00639 ~ Complete ~54:A SYSTEM FOR AI-POWERED INTERACTIVE LEARNING OF MICROCONTROLLER PIN FUNCTIONS ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: CHAUDHARI, Prasad;PATIL, Rajiv;RATHI, Prisha;RAVAL, Kabir;SHAH, Divija;SURYAWANSHI, Amol~

2026/00650 ~ Complete ~54:METHOD FOR RECOVERING CU FROM ZINC SULFATE SOLUTION ~71:KOREA ZINC CO., LTD., 33 Jong-ro, Jongno-gu, 03159 Seoul, Republic of Korea ~72: JUNG WOO KIM~ 33:KR ~31:10-2023-0162437 ~32:21/11/2023

2026/00651 ~ Complete ~54:METHOD FOR PRODUCING PALLADIUM FROM AG SLIME ~71:KOREA ZINC CO., LTD., 33 Jong-ro, Jongno-gu, 03159 Seoul, Republic of Korea ~72: HEON SIK CHOI;JAE HOON JOO~ 33:KR ~31:10-2023-0178766 ~32:11/12/2023

2026/00610 ~ Provisional ~54:SLIP ON WHEELCHAIR FRONT WHEEL ~71:ALBERT RUST, 38 Colley Avenue, South Africa ~72: ALBERT RUST~

2026/00616 ~ Complete ~54:THREE-DIMENSIONAL DIAGRAM STRUCTURE OF FRAME STEEL BAR ~71:JIANGSU VOCATIONAL INSTITUTE OF ARCHITECTURAL TECHNOLOGY, NO. 26, XUEYUAN ROAD, People's Republic of China ~72: HUANG, Yong;WANG, Junqiang~

2026/00641 ~ Complete ~54:VOLLEYBALL CART FOR VOLLEYBALL TRAINING ~71:Shandong University of Finance and Economics, No. 7366, East Second Ring Road, Lixia District, Jinan City, Shandong Province, People's Republic of China ~72: ZHANG Jibo~

2026/00647 ~ Complete ~54:CRYSTAL FORM OF BEZUCLASTINIB, PREPARATION METHOD THEREFOR AND USE THEREOF ~71:Cogent Biosciences, Inc., 275 Wyman Street, 3rd Floor, WALTHAM, 02451, MA, USA, United States of America ~72: MENG, Liping;QIAN, Jiale;ZHANG, Yuxing~ 33:CN ~31:202310943067.8 ~32:28/07/2023;33:CN ~31:202311218559.7 ~32:20/09/2023;33:CN ~31:202311376497.2 ~32:23/10/2023;33:CN ~31:202311596731.2 ~32:27/11/2023

2026/00659 ~ Complete ~54:CHEMICAL LOOPING REFORMING OF HYDROCARBONS ~71:SYNHELION AG, Dufourstrasse 101, Switzerland ~72: ACKERMANN, Simon;FURLER, Philipp;HILL, Caroline Marie;SCHEFFE, Jonathan Richard~ 33:US ~31:63/522,490 ~32:22/06/2023;33:EP ~31:23185886.1 ~32:17/07/2023

2026/00614 ~ Complete ~54:BUILDING CONSTRUCTION PIPELINE INSTALLATION STRUCTURE ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Dong WANG;Jiaqi XIE;Kejian SHANG;Xiaofang YAN;Zheng WANG;Zhijia WANG;Zhixia FU~

2026/00632 ~ Complete ~54:AN IOT-BASED PEOPLE COUNTER FOR RELIGIOUS PLACES ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: CHAUDHARI, Prasad Bhata;DESHMUKH, Siddhi Suhas;DUDAM, Preeti Sharad;GADAD, Pratik Changdeo;KUMBHAR, Deven Vishal;SURYAWANSHI, Amol Shivajirao~

2026/00635 ~ Complete ~54:A HELMET FOR REAL-TIME MONITORING OF HEALTH AND ENVIRONMENTAL CONDITIONS IN MINING OPERATIONS ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: BURLE, Riya;CHALIKWAR, Kashish;CHAUDHARI, Lubdha;CHAURE, Swati;CHAUSH, Ayesha;DESHPANDE, Rupali;RAJPUT, Vaishali;RANE, Brid~

2026/00636 ~ Complete ~54:APPLICATION OF MAGNOLOL IN PREPARING DRUG FOR TREATING KIDNEY INJURY ~71:Hebei Normal University, No. 20 Nan’erhuan East Road, Yuhua District, Shijiazhuang City, Hebei Province, 050024, People's Republic of China;PLA General Hospital, 28 Fuxing Road, Haidian District, Beijing, People's Republic of China ~72: Chen Fei;Chen Xiangmei;Ding Xiaonan;Du Junxia;Duan Yingjie;Gao Zhiyuan;Ren Qinqin;Song Chenwen;Tan Ke;Tian Mingwei;Zhang Dong;Zhao Donglin;Zhao Xiaolin;Zhu Hanyu~

2026/00642 ~ Complete ~54:AN AI-BASED SYSTEM FOR TRACKING AND MONITORING KIDNEY DISEASE PROGRESSION USING MEDICAL IMAGING ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666,

UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: CHAUDHARI, Prasad Bhata;GHORPADE, Prerna Pravin;SHELKE, Priya~

2026/00644 ~ Complete ~54:A DUAL-IMU BASED ADAPTIVE ROAD ANOMALY DETECTION AND MAPPING SYSTEM WITH PRIVACY-PRESERVING VISUAL VERIFICATION ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: BHARAMBE, Dnyanesh Mahendra;CHAUDHARI, Prasad B.;CHAVHAN, Pranali G.;DHADAVE, Adwait;DHAMALE, Divyanka Devram;MAHALLE, Parikshit N.;PANDEY, Vanshika Nimesh~

2026/00653 ~ Complete ~54:A PAPERBOARD STRUCTURE COMPRISING A BARRIER COATING LAYER ~71:METSÄ BOARD OYJ, P.O. Box 20, 02020 Metsä, Finland ~72: HENRI KASTINEN;KAROLIINA HELANTO;KIRSI HIRVONEN;LAURI VERKASALO;MINNA HAKALAHTI;RIKU TALJA;TERHI SAARI~ 33:FI ~31:20235770 ~32:30/06/2023

2026/00655 ~ Complete ~54:OBEFAZIMOD FOR TREATMENT OF ULCERATIVE COLITIS ~71:ABIVAX, 7-11 Boulevard Haussmann, 75009, Paris, France ~72: ANAÏS VISSIAN;MARY MANTOCK;PAUL GINESTE~ 33:US ~31:63/516,910 ~32:01/08/2023;33:US ~31:63/580,823 ~32:06/09/2023

2026/00661 ~ Complete ~54:MASKED INTERFERON FUSION PROTEINS AND USES THEREOF ~71:TJ BIOPHARMA (SHANGHAI) CO., LTD., Rm802, 8F, 1Bld., West Tower, 88 Shangke Rd. Pudong New Area, People's Republic of China ~72: CHEN, Mingchen;CHEN, Xi;LI, Xue;LIU, Fan;QIANG, Min;TIAN, Baihui;WANG, Zhengyi;YU, Qilin;ZHANG, Fei;ZHENG, Xin;ZHI, Li~ 33:CN ~31:PCT/CN2023/109070 ~32:25/07/2023

2026/00663 ~ Provisional ~54:KC PROPERTY STOCK ~71:KOKETSO CHRISTINE MATLEJOANE, 1 TSESEBE ROAD, DAWN PARK, South Africa ~72: KOKETSO CHRISTINE MATLEJOANE~

2026/00602 ~ Provisional ~54:COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR FEDERATED MULTI-ANCHOR DIGITAL FINANCIAL IDENTITY WITH PORTABLE LIFECYCLE, SELECTIVE DISCLOSURE, AND SHARED EKYC REGISTRY ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00605 ~ Provisional ~54:SYSTEM FOR MULTI-SENSOR FUSION AND TRACKING ~71:UNIVERSITY OF PRETORIA, Engineering Building 3 Hatfield, South Africa ~72: DE VILLIERS, Johan Pieter;KAMSTRA, Dylan Richard;KEYTER, Daniel Benjamin~

2026/00608 ~ Provisional ~54:FIELD SERVICE MANAGEMENT SYSTEM WITH OFFLINE CAPABILITIES ~71:Synnovation Software Solutions Pty Ltd, Block E, Corporate Park 66, 269 Von Willich Avenue, Centurion, South Africa ~72: Kagiso Zwane~

2026/00618 ~ Complete ~54:AN ARTIFICIAL INTELLIGENCE-BASED HANDLING ROBOT ~71:Zhejiang Business College, No. 470, Binwen Road, Binjiang District, Hangzhou City, Zhejiang Province, 310053, People's Republic of China ~72: Huanhuan Zheng;Yu Zhang~

2026/00622 ~ Complete ~54:PARENTERAL FORMULATION OF A GLUCAGON-LIKE PEPTIDE-1 ANALOGUE AND METHOD FOR PREPARATION THEREOF ~71:PHARMATHEN S.A., 6 DERVENAKION STREET, 15351 PALLINI ATTIKIS, GREECE, Greece ~72: FOUSTERIS, Manolis;KALASKANI, Anastasia;KAPETANAKIS, Antonios;KOUTRI, Ioanna;KOUTRIS, Efthymios;PANAGOULIS, Theodoros;SAMARA, Vasiliki~

2026/00611 ~ Complete ~54:AUTOMATED VERIFICATION AND RISK EARLY WARNING SYSTEM FOR ENGINEERING AUDIT DATA ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District,

Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Jianfei ZHAO;Wenrui ZHAI;Wenya LI;Yikai WANG;Zheng WANG~

2026/00627 ~ Complete ~54:ONLINE MONITORING AND FAULT EARLY WARNING METHOD FOR INSULATION STATUS OF POWER EQUIPMENT ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Chenru ZHANG;Guofeng HE;Hao LIU;Hongfu WANG;Kaige PANG;Luohua ZHANG;Mengyang ZHAO;Xiaohui LI;Yakai SONG~

2026/00643 ~ Complete ~54:SLUDGE SOLID-LIQUID SEPARATION DEVICE AND OPERATION METHOD THEREOF ~71:Huadian Water Technology Co., Ltd., 601-1,Unit 1,Building No.1,Yard No.6, East Road of AutoMuseum ,Fengtai District,Beijing, People's Republic of China ~72: BAI Xuefei;CHEN Beiyang;MENG Lu;SONG Xin;WEI Yongzhi;XUN Hongmin;YE Shurong;ZHAO Anran~ 33:CN ~31:2025118710677 ~32:12/12/2025

2026/00607 ~ Provisional ~54:A DIGITAL SYSTEM AND METHOD FOR MANAGING PUBLIC TRANSPORT OPERATING PERMITS ~71:Wendy Mohapi, 28 general Dan Pienaar, South Africa ~72: Wendy Mohapi~

2026/00621 ~ Complete ~54:WAVENUMBER-DOMAIN JOINT INVERSION METHOD FOR MAGNETIC ANOMALY AND ITS GRADIENT VECTOR DATA ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Bing JIA;Fangchao LU;Haomin TIAN;Quan LOU;Sheng LIU;Xiaoge JIA;Xinghua CHEN;Yanhui YANG;Yiju TANG;Zhanfeng HUANG~

2026/00629 ~ Complete ~54:TREATMENT OF FLUE GAS POLLUTANTS ~71:MOSTERT, Orlando Louis, 3 Sonkwas Street, Paternoster, Vredenburg 7381, WC, SOUTH AFRICA, South Africa ~72: MOSTERT, Orlando Louis~ 33:ZA ~31:2025/08798 ~32:20/10/2025

2026/00645 ~ Complete ~54:TWO-STAGE GRINDING OF MATERIAL FOR PRODUCTION OF A BINDER, ESPECIALLY A CEMENT ~71:ThyssenKrupp AG, ThyssenKrupp Allee 1, ESSEN 45143 , GERMANY, Germany;thyssenkrupp Polysius GmbH, Graf-Galen-Straβe 17, Beckum 59269, GERMANY, Germany ~72: SACHSE, Carsten;SCHEFER, Dirk;SCHMITZ, Thomas;WILCZEK, Michael~ 33:DE ~31:10 2023 122 884.6 ~32:25/08/2023;33:LU ~31:LU103190 ~32:25/08/2023

2026/00657 ~ Complete ~54:COSMETIC NAIL FORMULATIONS ~71:NOVABIOTICS LIMITED, One Biohub, Foresterhill Road, United Kingdom ~72: O'NEIL, Deborah~ 33:GB ~31:2311426.7 ~32:25/07/2023

2026/00615 ~ Complete ~54:BUILDING CARBON REAL-TIME MEASUREMENT SYSTEM BASED ON BIM AND THE INTERNET OF THINGS ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Chaojie YAO;Dong MA;Haixu PEI;Lichao JIAO;Mingming DONG;Xiaojing YIN;Yanli LIU~

2026/00620 ~ Complete ~54:CONSUMER PRECISION RECOMMENDATION SYSTEM BASED ON MARKET ANALYSIS ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Ke WANG;Meng ZHENG;Wei SONG;Yingying LIAN~

2026/00623 ~ Complete ~54:A WINDOW ASSEMBLY ~71:AWESOME PROJECTS (PTY) LTD, 6b Granofier Ave, Zwartkops X8, South Africa ~72: DOS SANTOS, Brent Mario~ 33:ZA ~31:2024/07903 ~32:18/10/2024

2026/00631 ~ Complete ~54:METHODS AND COMPOSITIONS FOR TREATING A BLEEDING EVENT IN A SUBJECT HAVING HEMOPHILIA ~71:GENZYME CORPORATION, 50 Binney Street, Cambridge, Massachusetts, 02142, United States of America ~72: AKIN AKINC~ 33:US ~31:62/530,518 ~32:10/07/2017;33:US ~31:62/599,223 ~32:15/12/2017;33:US ~31:62/614,111 ~32:05/01/2018;33:US ~31:62/673,424 ~32:18/05/2018

2026/00603 ~ Provisional ~54:POST-HARVEST PRESERVATIVE COATING FORMULATION ~71:DURBAN UNIVERSITY OF TECHNOLOGY, 79 Steve Biko Road, DURBAN 4001, SOUTH AFRICA, South Africa ~72: ABDULSALAM, Rukayat Abiola;FAYA, Andile Kennedy Mbuso;IJABADENIYI, Oluwatosin Ademola;SAHEED, Sabiu~

2026/00617 ~ Complete ~54:AN OFFSHORE SEMI-SUBMERSIBLE WIND POWER FOUNDATION PLATFORM ~71:Beijing Zhongdian Shangming Electromechanical Technology Co., Ltd., Haidian Subdistrict, Haidian District, Beijing, People's Republic of China;North China Electric Power University, Shigezhuang Subdistrict, Changping District, Beijing, People's Republic of China ~72: Cheng Zexuan;Geng Yue;Wang Yixiang;Yin Shiyang;Zhang Ning;Zheng Yonggang~ 33:CN ~31:2025104230551 ~32:07/04/2025

2026/00624 ~ Complete ~54:METHOD FOR PREPARING ORGANIC COMPOUND FERTILIZER BY COMBINING HERMETIA ILLUCENS FRASS WITH TRICHODERMA SPP. ~71:INSTITUTE OF NANFAN & SEED INDUSTRY, GUANGDONG ACADEMY OF SCIENCE, No. 10, Shiliugang Road, People's Republic of China ~72: CHEN, Lijuan;LI, Jihu;LIN, Mingjiang;LIU, Jianbai;MAO, Yongkai;WU, Han;YANG, Ting;YI, Jiequn~

2026/00630 ~ Complete ~54:BACKWARD-COMPATIBLE INTEGRATION OF HARMONIC TRANSPOSER FOR HIGH FREQUENCY RECONSTRUCTION OF AUDIO SIGNALS ~71:DOLBY INTERNATIONAL AB, Apollo Building, 3E Herikerbergweg 1-35, 1101 CN, Amsterdam Zuidoost, Netherlands ~72: HEIKO PURNHAGEN;LARS VILLEMOES;PER EKSTRAND~ 33:US ~31:62/475,619 ~32:23/03/2017

2026/00638 ~ Complete ~54:AN IOT-ENABLED INHALER FOR ASTHMA PATIENTS ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: CHAUDHARI, Prasad B.;DASHPUTE, Srushti Jagdish;PATEL, Arshad Rubab;SHELKE, Priya~

2026/00649 ~ Complete ~54:DIRECT EXPANSION (DX) REFRIGERANT EVAPORATOR WITH LIQUID EJECTOR ~71:Evapco, Inc., 5151 Allendale Lane, TANEYTOWN 21787, MD, USA, United States of America ~72: DEROSIER, Greg;GOPALAN, Shri~ 33:US ~31:63/527,687 ~32:19/07/2023;33:US ~31:18/778,327 ~32:19/07/2024

2026/00658 ~ Complete ~54:METHODS FOR PRODUCING TRITERPENOID DERIVATIVES ~71:REATA PHARMACEUTICALS HOLDINGS, LLC, 5320 Legacy Drive, Plano, United States of America ~72: ARTMAN, III, Gerald D.;BATES, Craig~ 33:US ~31:63/516,483 ~32:28/07/2023

2026/00666 ~ Provisional ~54:SHELF-STABLE MICROBIAL BIO-INOCULANT SYSTEM USING BIOCHAR ~71:ABEL DANIEL PETRUS VAN DER MERWE, ALPINE WAY 329, LYNNWOOD, GAUTENG, South Africa ~72: ABEL DANIEL PETRUS VAN DER MERWE~

2026/00612 ~ Complete ~54:VISUAL INTELLIGENT RECOGNITION METHOD FOR SLOPE DISPLACEMENT BASED ON AI LARGE MODEL ~71:Guangdong Songshan Polytechnic, No.188, Caoxi Road, Nanhua, Qujiang District, Shaoguan City, Guangdong Province, 512100, People's Republic of China;Ministry of Water Resources, Ministry of Transport, National Energy Bureau, Nanjing Hydraulic Research Institute, No.223, Guangzhou Road, Nanjing, Jiangsu Province, 210008, People's Republic of China ~72: JIANG Junfeng;LYU Qing;ZENG Jieru;ZHAN Xunjin;ZHANG Jie;ZHAO Kunpeng;ZHU Qunhua~

. - APPLIED ON 2026/01/19 -

2026/00670 ~ Provisional ~54:SITUS APP SDMM ~71:Bothwell Msimango, 76 Becker Str, South Africa ~72: Bothwell Msimango;Groomega Pty Ltd~ 33:ZA ~31:01 ~32:01/01/2026

2026/00674 ~ Provisional ~54:QUANTUM EQUIVALENCE ENGINE: DISTRIBUTED REGULATORY TRUST LAYER FOR ESTABLISHING MATERIAL-GRADE EQUIVALENCE BETWEEN QUANTUM OUTCOMES AND PHYSICAL EXPERIMENTS V2.0 ~71:Novitalis AG, Burgstrasse 15, Switzerland ~72: Annelie Stapela;Dayle Wheeler;Prof. Dr. Florian Turk~

2026/00677 ~ Provisional ~54:SYSTEM AND METHOD FOR SOVEREIGN IDENTITY, DELEGATED AUTHORITY AND DECISION PROVENANCE FOR HUMAN AGENTS AND NON-HUMAN DIGITAL AGENTS INCLUDING AI ASSISTANTS AND AUTONOMOUS COMPUTATIONAL AGENTS IN DIGITAL ECONOMIES V2.0 ~71:Novitalis AG, Burgstrasse 15, Switzerland ~72: Annelie Stapela~

2026/00732 ~ Complete ~54:BIPOLAR NERVE MONITORING DEVICE SPECIAL FOR ENDOSCOPIC THYROID SURGERY ~71:GOLDBOV PHOTOELECTRONICS CO., LTD., Caifu 1st Road, East 2nd Industrial Park, Donghu Development Zone, Wuhan, Hubei, 430014, People's Republic of China ~72: QIU, Hui~ 33:CN ~31:202510485066.2 ~32:17/04/2025

2026/00735 ~ Complete ~54:STRANDED CONDUCTOR AND POWER CABLE ~71:Shanghai Feihang Wire And Cable Co., Ltd., No. 688, Yuyang Road, Songjiang District, Shanghai, 201600, People's Republic of China ~72: CHEN, Yongjun;HOU, Yibo;HU, Aibin;HU, Chaodong;LIU, Wanping;LU, Jiahuan;SONG, Tao;YANG, Wenbin~ 33:CN ~31:202510877147.7 ~32:27/06/2025

2026/00741 ~ Complete ~54:METHOD FOR DETERMINING THE LOCATION OF A DETONATOR IN A WIRELESS NETWORK OF ELECTRONIC DETONATORS, METHOD FOR PROGRAMMING A FIRING PLANE AND CORRESPONDING FIRING SYSTEM ~71:DAVEY BICKFORD, Le Moulin Gaspard, 89550, Hery, France ~72: AYMERIC DENUELLE;FRANCK GUYON~ 33:FR ~31:FR2306443 ~32:22/06/2023

2026/00749 ~ Complete ~54:FLUOROALKOXYALKYLENE-DIHYDROIMIDAZO[5,1-D]TETRAZINONE COMPOUNDS AND RELATED COMPOUNDS AND THEIR USE IN TREATING MEDICAL CONDITIONS ~71:Modifi Biosciences, Inc., 126 East Lincoln Avenue, RAHWAY 07065, NJ, USA, United States of America ~72: TARANTINO, Kyle Thomas~ 33:US ~31:63/517,715 ~32:04/08/2023;33:US ~31:63/544,054 ~32:13/10/2023

2026/00684 ~ Provisional ~54:SYSTEM AND METHOD FOR CRYPTOGRAPHIC BINDING OF HARDWARE ATTESTATION TO DOCUMENTATION-RUNTIME CORRESPONDENCE EVIDENCE IN ARTIFICIAL INTELLIGENCE SYSTEMS ~71:Venture Labs (Pty) Ltd, 7 Sybille Road, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00688 ~ Provisional ~54:DISTRIBUTED MARINE SENSOR NETWORK FOR REAL-TIME OCEANOGRAPHIC DATA REFINEMENT AND CROWDSOURCED MAPPING ~71:REELIQ (PTY) LTD, Palm Crescent 22i, South Africa ~72: Margaretha Burger~

2026/00690 ~ Provisional ~54:QUICK LATCH DETACHABLE LEG ~71:Oryx Trailers Implement Manufacturing Pty Ltd, 36 Ross Street, South Africa ~72: Alwyn Strydom~

2026/00692 ~ Provisional ~54:VELVET BLOOM CLIENT CARE INITIATIVE ~71:Neo Cynthia Mokwena, 34 Palamino complex, South Africa;Neo Cynthia Mokwena, 34 Palamino complex, South Africa ~72: Neo Cynthia Mokwena~

2026/00698 ~ Provisional ~54:ROSE, AN ULTRA-REALISTIC, MULTI PERSONA AND MULTI LINGUAL NEURO ADAPATIVE VIRTUAL EDUCATOR, A TECHNICAL PLATFORM IMPLEMENTING SPECIALIZED COGNITIVE PROTOCOLS FOR AUTISM, DYSLEXIA, ADHD, BLINDNESS AND NEURODIVERGENT LEARNING PROFILES ~71:Razaan Ogle, 69A Rotherfield Road, South Africa ~72: Razaan Ogle~

2026/00711 ~ Complete ~54:MULTI-SOURCE DATA FUSION EARLY WARNING METHOD FOR 3E RISKS IN BUILDING SYSTEMS ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Kewang ZHU;Linghui LI;Ningtao MA;Qian WANG;Yakun WANG;Yanli LIU~

2026/00715 ~ Complete ~54:AUTOMATIC ALIGNMENT OF VIDEO STREAMS ~71:GENIUS SPORTS SS, LLC, 312 E. 1ST STREET, 5TH FLOOR, LOS ANGELES, CALIFORNIA 90012, USA, United States of America ~72: BEN SHITRIT, Horesh, Beny;DUBOUT, Charles, Xavier, Quentin;GUILBERT, Pierre, Claude, Thierry;OESCHGER, Cynthia;UHLENBROCK, Ryan, Martin~ 33:US ~31:63/357,979 ~32:01/07/2022

2026/00718 ~ Complete ~54:ADAPTIVE END FORM SYSTEM FOR LINING TROLLEY CONTOURING IRREGULAR TUNNEL SURROUNDING ROCK ~71:China Railway 18th Bureau Group Corporation Limited, No. 1519, Dagunan Road, Jinnan District, Tianjin, 300222, People's Republic of China;China Railway 18th Bureau Group Fifth Engineering Co., Ltd., No. 3199, Xinbei Road, Tanggu Marine Science and Technology Park, Binhai High-tech Zone, Tianjin, 300459, People's Republic of China;Henan Polytechnic University, No. 2001, Century Road, Jiaozuo City, Henan Province, 454003, People's Republic of China;Henan Xingkun Tunnel Equipment Manufacturing Co., Ltd., No. 008, Xianghe Road, Jiuchuang Industrial Park, Electronic and Electrical Industrial Park, Jinping Town Industrial Agglomeration Area, Yiyang County, Luoyang City, Henan, 471600, People's Republic of China ~72: Fayuan SUN;Hanyuan LI;Huanchun LIU;Jianxin YU;Jinpeng HOU;Qiulin FAN;Wenquan CAO;Xin ZHANG;Xinghua WANG;Yudong YAN;Ziran GUO~

2026/00720 ~ Complete ~54:HYDROPHOBIC EPOXY-MODIFIED POLYETHER EMULSION DEFOAMER FOR PAPERMAKING AND PREPARATION METHOD THEREOF ~71:Fujian Systak Environmental Protection Material Technology Co., Ltd., No.6, Area A, Light Industry New Town, Yongchun County, Quanzhou, Fujian, 362600, People's Republic of China;Jiangsu Systak New Material Technology Co., Ltd., Room 1001, Building 10, Lian Dong U Valley Jiulonghu Intelligent Manufacturing Innovation Port, No. 3118 Jiyin Avenue, Moling Street, Jiangning District, Nanjing, Jiangsu, 211100, People's Republic of China ~72: CHEN, Rong;WEN, Li;YU, Jinlong~ 33:CN ~31:202511890053.X ~32:15/12/2025

2026/00724 ~ Complete ~54:ENERGY TRANSFER SYSTEM CONFIGURABLE BETWEEN CHARGING MODE AND POWERING MODE ~71:CATERPILLAR INC., 100 NE Adams Street, Peoria, United States of America ~72: JANKOVIC, Zeljko;KAKA, Bharadwaj;MART, Geoffrey;PANI, Pratyush;YE, Qing;YU, Dachuan~ 33:US ~31:19/047,090 ~32:06/02/2025

2026/00727 ~ Complete ~54:AUXILIARY LIGHT SOURCE DEVICE FOR STEREO MICROSCOPES ~71:GuiLin Spac Optics & Electronics co., Ltd, No. 108, Qilidian Road, Qixing District, Guilin City, Guangxi Province, People's Republic of China;Guilin University of Aerospace Technology, No. 2, Jin Ji Road, Qixing District, Guilin City, Guangxi Province, People's Republic of China ~72: HU Jing;QIN Jiajun;TANG Rongrong;ZHAO Hongwang~

2026/00748 ~ Complete ~54:3-(4-CYCLO-PROPOXYBENZYL)-1-(2,4-DIFLUOROBENZYL)-1 -(1-METHYLPIPERIDIN-4-YL)UREA FOR USE IN THE TREATMENT OF DISEASES ASSOCIATED WITH THE SEROTONIN-RECEPTOR 5-HT ~71:Acadia Pharmaceuticals Inc., 12830 El Camino Real, Suite 400, SAN DIEGO 92130, CA, USA, United States of America ~72: BURSTEIN, Ethan S.~ 33:US ~31:63/530,291 ~32:02/08/2023;33:US ~31:63/554,437 ~32:16/02/2024

2026/00694 ~ Provisional ~54:FISHING ROD CLEANER ~71:Andre de Beer, 1429 Shirley Rd, Ramsgate, KZN, South Africa ~72: Andre de Beer~

2026/00697 ~ Provisional ~54:SYSTEMS AND METHODS FOR CONVERTING CELLULAR NETWORK AIRTIME INTO A HYBRID DIGITAL WALLET AND VIRTUAL CASH ~71:Jabulani Patrick Mofokeng, 35 Westridge Road, South Africa ~72: Jabulani Patrick Mofokeng~

2026/00703 ~ Complete ~54:METHOD FOR DETECTING RISKY DRIVING BEHAVIOR BASED ON MULTIMODAL FEATURE FUSION ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan, Henan Province, 467041, People's Republic of China ~72: JIAO Shuaiyang;LI Aizeng;LI Rongrong;SHEN Hebo;TONG Wenjie;WANG Yuhua;ZHANG Pei~

2026/00710 ~ Complete ~54:AN ANTIBACTERIAL HYDROPHOBIC MEMBRANE AND A PREPARATION METHOD THEREOF ~71:Luan Ruize, Room 1401, Unit 2, Building 106, Greenland Business City, Yunlong District, Xuzhou City, Jiangsu Province, People's Republic of China ~72: Luan Ruize~ 33:CN ~31:2026100048003 ~32:05/01/2026

2026/00679 ~ Provisional ~54:REGULATOR-ALIGNED EXPLAINABILITY AND CRYPTOGRAPHIC DECISION-PROVENANCE SYSTEM AND METHOD FOR AUTOMATED DECISION PROCESSES AFFECTING RIGHTS, SAFETY, OR FINANCIAL OUTCOMES INDEPENDENT OF INTERNAL MODEL LOGIC V3.0 ~71:Novitalis AG, Burgstrasse 15, Switzerland ~72: Annelie Stapela~

2026/00682 ~ Provisional ~54:SYSTEM AND METHOD FOR CRYPTOGRAPHICALLY ENFORCED REPRESENTATIONAL AUTHORITY, CONSENT ENFORCEMENT, AND EVIDENCE GENERATION IN GENERATIVE ARTIFICIAL INTELLIGENCE SYSTEMS ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00686 ~ Provisional ~54:AI-ENHANCED MULTI-MODAL CALLBACK REQUEST SYSTEM (“SMART PLEASE CALL ME”) ~71:Ahmed Waseef Saib, 24 Park Avenue , Desainager, South Africa ~72: Ahmed Waseef Saib~

2026/00708 ~ Complete ~54:PLASTER FOR TREATING RHEUMATIC BONE PAIN ~71:Guangxi University of Chinese Medicine, No. 13, Wuhe Avenue, Qingxiu District, Nanning City, Guangxi Zhuang Autonomous Region, Nanning City, People's Republic of China ~72: Chenglong WANG;Dongming LU;Hongliang TANG;Jiajie HUANG;Kailong WANG;Min ZOU;Peng YANG;Wenxian TAN;Xiaoping MEI;Xiongjiang WANG;Ying HUANG;Yuzhou PANG;Zhenmou ZHU~

2026/00717 ~ Complete ~54:INTELLIGENTLY PRECISE POSITIONING METHOD FOR ACUPUNCTURE AND TUINA ~71:Fangchenggang Chinese Medicine Hospital, No. 8, Erqiao East Road, Fangcheng District, Fangchenggang City, Guangxi Zhuang Autonomous Region, Fangchenggang City, 538000, People's Republic of China ~72: Dongming LU;Peng YANG;Xiongjiang WANG;Yao DING;Yingye LIANG;Yongfeng CHEN;Zhongyuan JIANG~

2026/00722 ~ Complete ~54:CASTING AND FORMING CONTROL METHOD, CASTING DEVICE, AND SYSTEM FOR BRAKE DISC ~71:SHANDONG YUDONG AUTO PARTS CO., LTD., Wanggezhuang Village, Longgang Street, Longkou City, Yantai, Shandong, 265700, People's Republic of China ~72: WENHAN CHEN;YAN LI;YUANYUAN XU~ 33:CN ~31:202510443203.6 ~32:10/04/2025

2026/00740 ~ Complete ~54:METHOD FOR TREATING DISEASES ~71:ASTROGEN, INC., 440, Hyeoksin-daero, Dong-gu, Daegu, 41072, Republic of Korea ~72: SU-KYEONG HWANG~ 33:KR ~31:10-2023-0088186 ~32:07/07/2023

2026/00745 ~ Complete ~54:PROTEOSOME COMPLEX INHIBITORS TARGETING CLPP1P2 PROTEASE ~71:THE GLOBAL ALLIANCE FOR TB DRUG DEVELOPMENT, INC., 80 Pine Street, 20th Floor, New York, New York, 1005, United States of America ~72: GUIYING LI;NADER FOTOUHI~ 33:US ~31:63/527,917 ~32:20/07/2023

2026/00750 ~ Provisional ~54:STRENGTHENED LINTEL (1/2026) ~71:NAMODI PETER RAKGALAKANE, 33 BREEKHOUT STREET, KARENPARK, AKASIA, GAUTENG, South Africa ~72: NAMODI PETER RAKGALAKANE~

2026/00751 ~ Provisional ~54:THE GOOD SANGOMARITAN ~71:Jason William Damons, C6 Mountain View Village, 2 Radar Road, West Beach, South Africa ~72: Jason William Damons~

2026/00754 ~ Provisional ~54:JVES-TPMS PATENT APPLICATION ~71:Marco Cronje, 21 Basalt Avenue, South Africa ~72: Marco Cronje~

2026/00678 ~ Provisional ~54:PRIVACY-ENHANCING DUAL-FLOW TRUST ARCHITECTURE FOR REAL-TIME WORKFORCE CAPABILITY ACTIVATION AND ANONYMOUS CAPABILITY INTELLIGENCE V2.0 ~71:Novitalis AG, Burgstrasse 15, Switzerland ~72: Annelie Stapela~

2026/00681 ~ Provisional ~54:MICROPLUG(V.01) ~71:Lerato Khumalo, Rookdale area, South Africa ~72: Lerato Khumalo~

2026/00685 ~ Provisional ~54:SYSTEM AND METHOD FOR VERIFICATION PATH INTERCEPTION IN CONTENT-ADDRESSED STORAGE SYSTEMS THROUGH CRYPTOGRAPHIC TOMBSTONE SUBSTITUTION ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00687 ~ Provisional ~54:ZAPAY PROTOCOL V1.0 ~71:Hector Mandla Kekana, 5th and 7th Avenue Zone A, South Africa ~72: Hector Mandla Kekana~ 33:ZA ~31:NEW ~32:17/01/2026

2026/00695 ~ Provisional ~54:CONSTRUCTION AND BUILDING PRODUCTS MANUFACTURED FROM RECYCLED COMPOSITE AND POLYMER-BASED WASTE MATERIALS ~71:K Bettini, 403A Brebner street, South Africa ~72: K Bettini~

2026/00696 ~ Provisional ~54:A PRESSURISED FLUID COUPLING ARRANGEMENT ~71:HOLFELD, Barry Graeme, 1207 Schooner Avenue, Laser Park, Ext. 9, Roodepoort, South Africa ~72: HOLFELD, Barry Graeme;SWANEPOEL, Shaun~

2026/00700 ~ Complete ~54:GRID-CONNECTED CONTROL SYSTEM FOR PHOTOVOLTAIC POWER STATION ~71:Enfei New Energy (Zhongning) Co., Ltd., Floors 1-2, 1 # Comprehensive Building, Enfei New Energy (Zhongning) Co., Ltd., Photovoltaic Industrial Park, Zhongning County, Ningxia, People's Republic of China ~72: Fengde Huang;Jia Fan;Min Li;Ninghai Zhang;Ruifeng He;Tao Wang;Xu Liu;Yan Shi;Yongjia Xu;Yuan Wang~

2026/00701 ~ Complete ~54:REAL ESTATE DEVELOPMENT SURVEYING DEVICE ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Chaoyang JIE;Kewang ZHU;Kunhao ZHANG;Senchun JIA;Wei GUO;Yaqiong DONG~

2026/00706 ~ Complete ~54:METHOD OF CONSTRUCTING MINIATURE PIG DIABETES MODEL BASED ON DRUG INDUCTION AND METHOD OF USE THEREFOR ~71:Qingdao University, No.308 Ningxia Road, Shinan District, Qingdao City, Shandong Province, 266075, People's Republic of China ~72: Dan HAN;Liang Zhang;Nailong PAN;Wenhua XU;Xiaomin WANG;Xiaotong LI;Xiaoying KONG;Yan TANG;Yiwei XU;Zhen SHANG~ 33:CN ~31:2025120166169 ~32:29/12/2025

2026/00712 ~ Complete ~54:CENTRALIZED MANAGEMENT AND CONTROL SYSTEM AND METHOD FOR NETWORK DEVICES ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Baoliang DING;Changbing ZHENG;Hao LIU;Jiajia LI;Jianxuan SHEN;Jiawu ZHANG;Jin LI;Ke ZHAO;Luohua ZHANG;Wenbo GUO;Yakai SONG;Yuange LI;Yubo WANG;Zhanfeng HUANG~

2026/00721 ~ Complete ~54:MOLECULAR MARKER PRIMER, KIT, AND THEIR APPLICATION FOR IDENTIFYING THE SEX OF BRACHYMYSTAX TSINLINGENSIS ~71:Northwest A&F University, No.3 Taicheng Road, Yangling, Xianyang City, Shaanxi, 712100, People's Republic of China ~72: Liu Xiaozhong;Shao Jian;Xiong Dongmei;Yang Qiujin;Zhang Xinmiao~ 33:CN ~31:2025101356416 ~32:07/02/2025

2026/00725 ~ Complete ~54:A KUTKI-SPICED NUTRACEUTICAL PREPARATION FOR PEDIATRIC DIETARY SUPPLEMENTATION ~71:CHAUDHARI, Punam Yuvrajsingh, ASSISTANT PROFESSOR, DEPARTMENT OF HOME ECONOMICS, INDHIRABAI MEGHE MAHILA MAHAVIDYALAY, AMRAVATI, MAHARASHTRA, India;NASERI, Sampada Amit, PROFESSOR, DEPARTMENT OF HOME ECONOMICS, STREE SHIKSHAN PRASARAK MANDAL'S MAHILA MAHAVIDYLAYA, NANDANVAN, NAGPUR, MAHARASHTRA, India;RATHOD, Shital Mansing, ASSISTANT PROFESSOR, DEPARTMENT OF HOME ECONOMICS, BAR. RDIK & NKD, COLLEGE, BADNERA, AMRAVATI, MAHARASHTRA, India;SAWALAKHE, Shilpa, ASSISTANT PROFESSOR, SIR VITHALDAS THACKERSEY COLLEGE OF HOME SCIENCE (EMPOWERED AUTONOMOUS STATUS), SNDT WOMEN'S UNIVERSITY, MUMBAI, MAHARASHTRA, India;SOLUNKE, Jyoti Dalpatrao, PROFESSOR /INCHARGE PRINCIPAL, SANT TUKRAM COLLEGE OF ARTS AND SCIENCE PARBHANI, MAHARASHTRA, India ~72: CHAUDHARI, Punam Yuvrajsingh;NASERI, Sampada Amit;RATHOD, Shital Mansing;SAWALAKHE, Shilpa;SOLUNKE, Jyoti Dalpatrao~

2026/00730 ~ Complete ~54:A MEMS-BASED MONITORING AND CONTROL DEVICE FOR RAPID MONITORING OF PATHOGENIC BACTERIA IN SEAWATER FISH ~71:Guangdong Ocean University, No. 1 Haida Road, Mazhang District, Zhanjiang City, Guangdong Province, 524088, People's Republic of China;Guangdong Provincial Key Laboratory of Intelligent Equipment for South China Sea Marine Ranching, No. 1 Wenti Road, Xiashan District, Zhanjiang City, Guangdong Province, 524006, People's Republic of China ~72: CHEN Ge;LU Yishan;PENG Ran;WANG Wei;XU Aixuan;YAN Jin~

2026/00731 ~ Complete ~54:ENERGY GENERATION, TRANSFORMATION AND STORAGE APPARATUS AND PROCESS ~71:PROMETHEUS S.P.A., Via Edmondo De Amicis, 49, I-20123, Milano, Italy ~72: ARRU, Marco;CALZAVARA, Dario;MIGLIETTA, Carlo;PETRUCCI, Fabrizio~ 33:IT ~31:102023000014970 ~32:18/07/2023

2026/00734 ~ Complete ~54:METHODS OF TREATING METASTATIC CASTRATION-RESISTANT PROSTATE CANCER WITH BISPECIFIC ANTI-PSMA X ANTI-CD28 ANTIBODIES ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: MILLER, Elizabeth;SANDIGURSKY, Sabina;SEEBACH, Frank~ 33:US ~31:63/530,326 ~32:02/08/2023;33:US ~31:63/648,913 ~32:17/05/2024

2026/00738 ~ Complete ~54:CRUSHED-PEBBLE SUBGRADE MATERIAL AND METHOD FOR PREPARING THE SAME ~71:CCCC SECOND HIGHWAY ENGINEERING CO. LTD., No. 262, Zhangba East Road, Yanta District, Xi-an, Shaanxi 710000, People's Republic of China ~72: CHEN, Yongzhou;DENG, Lei;FAN, Shengtong;HAN, Xuan;JIANG, Dahai;LI, Chao;LI, Wei;LIU, Shangwei;MA, Xinxin;WANG, Yaolong;WEI, Longhua;YUE, Bin;ZHANG, Jiahao~ 33:CN ~31:202511865635.2 ~32:11/12/2025

2026/00739 ~ Complete ~54:METHOD AND FACILITY FOR SEPARATING A MIXTURE COMPRISING AT LEAST ONE FLUORINATED FLUID AND ONE OR MORE CONTAMINANTS ~71:DEHON, 4 Rue de la Croix

Faubin, France ~72: DEHON, Christophe;LUCAS, Valérie;PARDO PARDO, Fernando;URTIAGA MENDIA, Ana Maria;VAN DER KELEN, Patrick;ZARCA LAGO, Gabriel~ 33:FR ~31:2308150 ~32:27/07/2023

2026/00744 ~ Complete ~54:NOVEL RUFOMYCIN ANALOGS AS CLPC1 PROTEASE MODULATORS HAVING ACTIVITY AGAINST MYCOBACTERIUM TUBERCULOSIS ~71:THE GLOBAL ALLIANCE FOR TB DRUG DEVELOPMENT, INC., 80 Pine Street, 20th Floor, New York, New York, 1005, United States of America ~72: GUIYING LI;NADER FOTOUHI;TAKUSHI KANEKO~ 33:US ~31:63/527,925 ~32:20/07/2023

2026/00667 ~ Provisional ~54:THEGOODSANGOMARITAN ~71:JASON WILLIAM DAMONS, C6 MOUNTAIN VIEW VILLAGE 2 RADAR ROAD WEST BEACH, South Africa ~72: JASON WILLIAM DAMONS~

2026/00671 ~ Provisional ~54:INTER-SYSTEM TRUST KERNEL (ISTK) FOR FEDERATED DIGITAL–PHYSICAL TRUST NORMALISATION, CAUSAL VERIFICATION, COMPLIANCE ENFORCEMENT, AND MANDATORY ROUTING V2.0 ~71:Novitalis AG, Burgstrasse 15, Switzerland ~72: Annelie Stapela;Dayle Wheeler~

2026/00691 ~ Provisional ~54:COMPUTER-IMPLEMENTED METHODS AND SYSTEMS FOR PROACTIVE CONTROL-BASED RISK REASONING, INFLUENCE ASSESSMENT, AND EXPLAINABLE DECISION SUPPORT ~71:Dennis Mark Germishuys, Oxford Office Park, Bauhinia St, Brakfontein 399-Jr,, South Africa ~72: Dennis Mark Germishuys~

2026/00693 ~ Provisional ~54:A SYSTEM AND METHOD FOR CREATING COORDINATED STADIUM-SCALE VISUAL DISPLAYS USING SPECTATOR MOBILE DEVICES ~71:Robert Inglis, 34 Kruger Drive, South Africa ~72: Robert Inglis~

2026/00699 ~ Provisional ~54:ROSE, AN ULTRA-REALISTIC, MULTI PERSONA AND MULTI LINGUAL NEURO ADAPATIVE VIRTUAL EDUCATOR, A TECHNICAL PLATFORM IMPLEMENTING SPECIALIZED COGNITIVE PROTOCOLS FOR AUTISM, DYSLEXIA, ADHD, BLINDNESS AND NEURODIVERGENT LEARNING PROFILES ~71:Razaan Ogle, 69A Rotherfield Road, South Africa ~72: Razaan Ogle~

2026/00705 ~ Complete ~54:PROMOTIONAL DISPLAY CABINET FOR REAL ESTATE DEVELOPMENT ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Chaoyang JIE;Kewang ZHU;Kunhao ZHANG;Senchun JIA;Wei GUO;Yaqiong DONG~

2026/00714 ~ Complete ~54:A METHOD FOR INDUCING SOMATIC EMBRYOGENESIS FROM CHESTNUT LEAVES ~71:Institute of Economic Forestry, Chinese Academy of Forestry, No. 3, Weiwu Road, Jinshui District, Zhengzhou City, Henan Province, People's Republic of China ~72: He Jiajia;Hou Yaru;Li Tiezhu;Liu Lanzhi;Liu Xuehao;Wang Bin;Yu Xinran;Zhang Yanhua;Zhu Jingle~ 33:CN ~31:2025118571960 ~32:10/12/2025

2026/00726 ~ Complete ~54:ALFALFA MSKTI3 NUCLEIC ACID MOLECULE AND APPLICATION THEREOF IN IMPROVING PLANT SALT TOLERANCE ~71:Institute of Animal Science of Chinese Academy of Agricultural Sciences, No.2 Yuanmingyuan West Road, Beijing, People's Republic of China ~72: Fei He;Haojie Yu;Huanhuan Lv;Mingna Li;Qingchuan Yang;Ruicai Long;Yanchao Xu~ 33:CN ~31:202510131999.1 ~32:06/02/2025

2026/00728 ~ Complete ~54:A MACHINE LEARNING BASED WEAPON DETECTION SYSTEM FOR ENHANCED SECURITY SURVEILLANCE ~71:VISHWAKARMA INSTITUTE OF TECHNOLOGY, 666, UPPER MARKET RD, UPPER INDIRA NAGAR, BIBWEWADI, PUNE, MAHARASHTRA, 411037, India ~72: AWATE, Datta Maruti;CHAVHAN, Gajanan Himmatrao;CHITRE, Abhijit Vijaykumar;GAWANDE, Pravin Ganpatrao;INGLE, Anup Wasudeorao;JOSHI, Gayatri Sureshrao;KALDATE, Om Balasaheb;KULKARNI, Shailesh Vasudeorao;PATIL, Milind Sahebrao;RAUT, Ketan Janraoji~

2026/00733 ~ Complete ~54:METHODS OF TREATING CLEAR CELL RENAL CELL CARCINOMA WITH BISPECIFIC ANTI-PSMA X ANTI-CD28 ANTIBODIES ~71:REGENERON PHARMACEUTICALS, INC., 777 Old Saw Mill River Road, Tarrytown, United States of America ~72: MILLER, Elizabeth;SANDIGURSKY, Sabina;SEEBACH, Frank~ 33:US ~31:63/530,326 ~32:02/08/2023;33:US ~31:63/648,923 ~32:17/05/2024

2026/00746 ~ Complete ~54:CARBOXAMIDE-4-QUINOLINE COMPOUNDS WITH ANTHELMINTIC ACTIVITY ~71:Intervet International B.V., Wim de Körverstraat 35, BOXMEER 5831 AN, THE NETHERLANDS, Netherlands ~72: BERGER, Michael;HALWACHS, Sandra;TÄNZLER, Janina~ 33:EP ~31:23189232.4 ~32:02/08/2023

2026/00673 ~ Provisional ~54:QUANTUM CAUSALITY & REGULATORY TRUST SYSTEM FOR COMPLIANCE-CERTIFIED SUBSTITUTION OF PHYSICAL EXPERIMENTATION WITH DIGITAL COMPUTATION V2.0 ~71:Novitalis AG, Burgstrasse 15, Switzerland ~72: Annelie Stapela;Dayle Wheeler~

2026/00680 ~ Provisional ~54:UNIFIED SYSTEM FOR REAL-TIME REGULARITY INFERENCE AND ADAPTIVE CONTROL VIA DISCREPANCY-MINIMIZED SYMMETRY DETECTION ~71:tofara moyo, 5 Protea lane newton west, Zimbabwe ~72: tofara moyo~

2026/00702 ~ Complete ~54:A BIO-DERIVED LUMINESCENT NANOMATERIAL COMPOSITION FOR HIGHRESOLUTION SURFACE IMAGING AND METHOD OF PREPARATION THEREOF ~71:Amity University Dubai, Amity University Dubai Campus, Dubai International Academic City, Emirate of Dubai, 345019, United Arab Emirates;Gursirat Singh Khokhar, Assistant Professor, Department of Forensic Science, Amity University Dubai, DIAC, Dubai International Academic City, Emirate of Dubai, 345019, United Arab Emirates;Navjeet Kaur Lotey, Senior Research Scientist, Department of Biological Science and Biotechnology, Institute of Chemical Technology, Mumbai, Maharashtra, 400019, India;Nrashant Singh, Associate Professor, Department of Forensic Science, Amity University, DIAC, Dubai International Academic City, Emirate of Dubai, 345019, United Arab Emirates;Samir Kulkarni, Professor and Head, Department of Biological Science and Biotechnology, Institute of Chemical Technology, Mumbai, Maharashtra, 400019, India ~72: Gursirat Singh Khokhar;Navjeet Kaur Lotey;Nrashant Singh;Samir Kulkarni~ 33:IN ~31:202521089400 ~32:19/09/2025

2026/00707 ~ Complete ~54:A DISTILLED LIQUOR WITH ADDED BAMBOO LEAF POWDER AND ITS PREPARATION METHOD ~71:CHINA NATIONAL BAMBOO RESEARCH CENTER, NO.310,WENYI ROAD, XIHU DISTRICT, HANGZHOU, ZHEJIANG PROVINCE, People's Republic of China ~72: BAI RUIHUA;GUO RENCONG;LI JIALING;YANG HUIMIN;YI KUIXIN;ZHU ZHENHANG~ 33:CN ~31:2025120013089 ~32:29/12/2025

2026/00709 ~ Complete ~54:COMPREHENSIVE ASSESSMENT SYSTEM FOR MULTI-HAZARD RESILIENCE OF BUILDINGS ~71:Henan University of Urban Construction, Longxiang Avenue, Xincheng District, Pingdingshan City, Henan Province, 467000, People's Republic of China ~72: Huipeng LI;Jie WANG;Linghui LI;Miao LI;Qian WANG~

2026/00716 ~ Complete ~54:A MULTIMODAL INTELLIGENT PARENT-CHILD DRUG BOX ~71:Shanghai Donghai Vocational and Technical College, No. 6001, Hongmei South Road, Minhang District, Shanghai, People's Republic of China ~72: Huang Lingling;Shao Pengyi;Zhang Meiqin;Zhao Xinjie;Zhu Jiaye~ 33:CN ~31:2025119068856 ~32:16/12/2025

2026/00736 ~ Complete ~54:TIP ASSEMBLIES FOR GROUND ENGAGING TOOLS ~71:CATERPILLAR INC., 100 NE Adams Street, Peoria, United States of America ~72: CONGDON, Thomas M.;MCCAFFREY, Brandon H.;SERRURIER, Douglas C.;SINN, Eric T.;ULRICH, William J.;WELLS, Corey M.~ 33:US ~31:18/356,282 ~32:21/07/2023

2026/00742 ~ Complete ~54:APPARATUS AND METHOD FOR MINING A CAVITY IN THE GROUND ~71:HERRENKNECHT AG, Schlehenweg 2, 77963, Schwanau, Germany ~72: GABRIEL LEHMANN;MICHELE HERDRICH;PATRICK RENNKAMP;RAPHAEL SPECK~ 33:DE ~31:10 2023 119 717.7 ~32:25/07/2023

2026/00747 ~ Complete ~54:SALTS, COCRYSTALS, PHARMACEUTICAL COMPOSITIONS THEREOF, AND METHODS OF TREATMENT INVOLVING THE SAME ~71:Les Laboratoires Servier, 35 rue de Verdun, SURESNES CEDEX 92284, FRANCE, France ~72: MAHIEUX, Julien~ 33:EP ~31:23306287.6 ~32:25/07/2023

2026/00669 ~ Provisional ~54:SYSTEM AND METHOD FOR PROVIDER-INDEPENDENT NON-INTERFERING EXECUTION OF CORRESPONDENCE VERIFICATION FOR ARTIFICIAL INTELLIGENCE CONFORMITY ASSESSMENT ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00672 ~ Provisional ~54:UNIVERSAL TRUST SUBSTRATE SYSTEM WITH DUAL DIGITAL AND PHYSICAL EVIDENCE VEINS FOR MULTI[1] JURISDICTION COMPLIANCE CERTIFICATION V2.0 ~71:Novitalis AG, Burgstrasse 15, Switzerland ~72: Annelie Stapela;Dayle Wheeler~

2026/00676 ~ Provisional ~54:PHYSICAL AI: AUTONOMOUS ADAPTIVE ELECTROMAGNETIC CONTROL SYSTEMS FOR SECURE INTELLIGENT INTERACTION WITH MATTER V2.0 ~71:Microwave Solutions GmbH, Burgstrasse 15, Switzerland ~72: Annelie Stapela;Prof. Dr. Florian Turk~

2026/00683 ~ Provisional ~54:SYSTEM AND METHOD FOR CRYPTOGRAPHICALLY ENFORCED AUTHORITY-GATED ARTIFICIAL INTELLIGENCE EXECUTION CONTROL PLANE WITH PRIVATE CONTEXT ISOLATION AND VERIFIABLE NONUSE ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00689 ~ Provisional ~54:PHOTON-PHONON HYBRID SOLAR PANEL WITH PHONON-ENGINEERED BACKPLANE FOR SPACE APPLICATIONS ~71:SERROUNE ABDELMOUMEN, N°5 Sturdee Avenue, Suite 301, Rosebank,, Johannesburg - Gauteng, 2196, South Africa ~72: SERROUNE ABDELMOUMEN~

2026/00704 ~ Complete ~54:ACUPUNCTURE AND MASSAGE COMBINED THERAPY FOR EFFICIENTLY ALLEVIATING PAIN ~71:Guangxi University of Chinese Medicine, No. 13, Wuhe Avenue, Qingxiu District, Nanning City, Guangxi Zhuang Autonomous Region, Nanning City, People's Republic of China ~72: Chen HONG;Dongming LU;Hongliang TANG;Peng YANG;Xiongjiang WANG;Yao DING;Yeni TANG;Yingye LIANG~

2026/00713 ~ Complete ~54:DEEP LEARNING-BASED PRECISION NURSING TRAINING EFFECTIVENESS EVALUATION METHOD ~71:Ping Yin, No. 1128 Jichang Road, Baiyun District, Guangzhou, Guangdong, People's Republic of China ~72: Chunjuan Chen;Lei Xu;Ping Yin~

2026/00719 ~ Complete ~54:NAVIGATION SYSTEM AND METHOD ~71:JHETAM, Mahomed Rafeeq, 9 Methwold Road, Saxonwold, South Africa ~72: JHETAM, Mahomed Rafeeq~ 33:ZA ~31:2025/00665 ~32:21/01/2025

2026/00723 ~ Complete ~54:BICYCLIC PEPTIDE LIGANDS SPECIFIC FOR NECTIN-4 ~71:BICYCLETX LIMITED, Blocks A & B Portway Building, Granta Park, Great Abington, Cambridge, Cambridgeshire, CB21 6GS, United Kingdom ~72: GEMMA ELIZABETH MUDD;KATERINE VAN RIETSCHOTEN;LIUHONG CHEN;MICHAEL RIGBY;NICHOLAS KEEN;PAUL BESWICK;PETER PARK;STEPHEN BLAKEMORE;TARA GELB~ 33:GB ~31:1810250.9 ~32:22/06/2018;33:GB ~31:1815684.4 ~32:26/09/2018;33:GB ~31:1818499.4 ~32:13/11/2018;33:GB ~31:1904632.5 ~32:02/04/2019

2026/00729 ~ Complete ~54:STEREOSCOPIC SPECIMEN MULTI-ANGLE OBSERVATION MICROSCOPE DEVICE ~71:GuiLin Spac Optics & Electronics co., Ltd, No. 108, Qilidian Road, Qixing District, Guilin City,

Guangxi Province, People's Republic of China;Guilin University of Aerospace Technology, No. 2, Jin Ji Road, Qixing District, Guilin City, Guangxi Province, People's Republic of China ~72: HU Jing;QIN Jiajun;TANG Rongrong;ZHAO Hongwang~

2026/00737 ~ Complete ~54:RETENTION SYSTEM WITH THREADED BLOCK LOCKING MECHANISM ~71:CATERPILLAR INC., 100 NE Adams Street, Peoria, United States of America ~72: MCCAFFREY, Brandon Hammig;SERRURIER, Douglas Charles;SINN, Eric Thomas;ULRICH, William Jay;WELLS, Corey Michael~ 33:US ~31:18/356,290 ~32:21/07/2023

2026/00743 ~ Complete ~54:COMBINATION THERAPIES FOR THE TREATMENT OF CANCER ~71:D3 BIO (WUXI) CO., LTD., Room 324, 88 MeiLiang Road, MaShan Street, BinHu District Wuxi, Jiangsu, 214092, People's Republic of China ~72: HAOPENG RUI;JING ZHANG;TIENAN WANG;XIAOFENG YANG;ZHIJIAN CHEN~ 33:CN ~31:PCT/CN2023/106333 ~32:07/07/2023

2026/00753 ~ Provisional ~54:ICEMAKING COOLER CONTAINER ~71:Zilungile Kanye, 188 Church Street, South Africa ~72: Ziliungile Kanye~

2026/00755 ~ Provisional ~54:G-LIFT-215: FORCE-NEUTRAL COMPENSATED SUSPENSION SYSTEM ~71:Granville Emlyn Julius, 7 Sunningdale drive, South Africa ~72: Granville Emlyn Julius~

2026/00752 ~ Provisional ~54:TRACKING DEVICE AND SYSTEM FOR A PORTABLE ELECTRONIC SMOKING DEVICE ~71:Liane Aspeling, 32 Merano Crescent, Kyalami Estate, South Africa ~72: Liane Aspeling~

2026/00675 ~ Provisional ~54:TRUSTED PHYSICAL FEEDBACK ENGINE FOR SAFE AUTONOMOUS MATERIAL-STATE TRANSFORMATION V2.0 ~71:Microwave Solutions GmbH, Burgstrasse 15, Switzerland ~72: Annelie Stapela;Dayle Wheeler;Prof. Dr. Florian Turk~

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2026/00756 ~ Provisional ~54:VARIABLE-ENTROPY GEOMETRIC DATA & COMMUNICATIONS SECURITY ~71:Alan Grant John Wallett, R8 Rhenosterkop 195JU, South Africa ~72: Alan Grant John Wallett~

2026/00759 ~ Provisional ~54:A METHOD FOR ALLOCATING ELECTRICAL ENERGY USING ROUTING RULES DERIVED FROM GOVERNANCE PARAMETERS INCLUDING PRIORITY CLASSES, MINIMUM ACCESS THRESHOLDS, AND SERVICE CATEGORIES ~71:Sibusiso Ngwane, 5304 Munyaka Lifestyle Estate, 2 Mia Drive Waterfall, South Africa ~72: Sibusiso Ngwane~ 33:ZA ~31:980226 ~32:05/01/2026

2026/00764 ~ Provisional ~54:A METHOD FOR ALLOCATING SUBSIDISED ENERGY UNITS WHEREIN DELIVERY AND CONSUMPTION ARE LOGGED TO ENABLE AUDIT AND TARGETED SUBSIDY RECONCILIATION ~71:Sibusiso Ngwane, 5304 Munyaka Lifestyle Estate, 2 Mia Drive Waterfall, South Africa ~72: Sibusiso Ngwane~ 33:ZA ~31:200126 ~32:05/01/2026

2026/00767 ~ Provisional ~54:DELEGATED IN-PERSON PAYMENT EXECUTION USING A REPLAY-RESISTANT TOKEN WITH TIME-BOUND, MERCHANT-SCOPED, FULFILMENT-GATED DIRECT-RAIL SETTLEMENT ~71:ABELMAN, Gilad Yaron, 106 Bona Vista, 81 Bellevue Road, Musgrave, South Africa ~72: ABELMAN, Gilad Yaron~

2026/00772 ~ Provisional ~54:SYSTEM AND METHOD FOR CRYPTOGRAPHICALLY ENFORCED AUTHORITY CONTROL OF MODEL ADAPTATION, PARAMETER-EFFICIENT FINE-TUNING, AND BEHAVIORAL PERSISTENCE IN ARTIFICIAL INTELLIGENCE SYSTEMS WITH NEGATIVE PROOF GENERATION ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00774 ~ Complete ~54:SAND FIELD WASTE MUD CAKE-BASED COMPOSITE MATERIAL AND CONSTRUCTION METHOD THEREFOR ~71:Ningbo Jiaotou Resources Co., Ltd., (3-1), No. 262, Lane 416, Zhaohui Road, Minglou Street, Yinzhou District, Ningbo City, Zhejiang Province, 315000, People's Republic of China;Zhejiang University, 866 Yuhangtang Rd., Xihu District, Hangzhou, Zhejiang Province, 310058, People's Republic of China ~72: DI, Jin;GAO, Xin;TAO, Junfang;WU, Renpei~

2026/00776 ~ Complete ~54:HETEROGENEOUS INTELLIGENCE-BASED MECHANICAL DEVICE FAULT DETECTION METHOD ~71:Chongqing Haiyun Jiexun Technology Co., Ltd., Room 503, Building B3, Phase I, Research and Development Building, No. 62-1, Xuecheng Avenue, Shapingba District, Chongqing City, 400031, People's Republic of China;Zhuhai City Polytechnic, No. 680, Decheng Road, Jinwan District, Zhuhai City, Guangdong Province, 519090, People's Republic of China ~72: JI, Xu;LI, Ping;MA, Weimin;TIAN, Liang;ZHAO, Xiaoli;ZHU, Shaoping~

2026/00779 ~ Complete ~54:AI-BASED GASTROINTESTINAL ULTRASOUND CONTRAST DIAGNOSTIC ANALYSIS SYSTEM ~71:The First Hospital of Hunan University of Chinese Medicine (Academy of Chinese Medicine), No. 95 Shaoshan Middle Road, Yuhua District, Changsha City, Hunan Province, People's Republic of China ~72: Tao Jiang~

2026/00783 ~ Complete ~54:DIANHYDROHEXITOL BASED IONIZABLE LIPIDS FOR NUCLEIC ACID DELIVERY ~71:SANOFI PASTEUR INC., 1 Discovery Drive, Swiftwater, United States of America ~72: DASARI, Ramesh;DENG, Hongfeng;KARMAKAR, Saswata;KARVE, Shrirang;NYAMKONDIWA, Kudzai;VAIDYA, Amita~ 33:EP ~31:23306049.0 ~32:28/06/2023

2026/00784 ~ Complete ~54:METHODS FOR TREATING CONDITIONS AND DISEASES ~71:STOKE THERAPEUTICS, INC, 45 Wiggins Avenue Bedford, United States of America ~72: MEENA, Meena;MOHAPATRA, Susovan;PARKERSON, Kimberly;TICHO, Baruch~ 33:US ~31:63/515,284 ~32:24/07/2023;33:US ~31:63/569,003 ~32:22/03/2024

2026/00788 ~ Complete ~54:FUNGICIDAL COMPOSITIONS ~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: LOISELEUR, Olivier;WOLF, Hanno Christian~ 33:EP ~31:23190211.5 ~32:08/08/2023

2026/00790 ~ Complete ~54:TREM2 MODULATORS ~71:MUNA THERAPEUTICS APS, Nordre Fasanvej 215, 2000, Frederiksberg, Denmark ~72: GAVIN WHITLOCK;JAKOB BUSCH-PETERSEN~ 33:EP ~31:23185890.3 ~32:17/07/2023;33:EP ~31:24164145.5 ~32:18/03/2024

2026/00793 ~ Complete ~54:KV1.3 POTASSIUM CHANNEL ANTAGONISTS ~71:MUNA THERAPEUTICS APS, Nordre Fasanvej 215, 2000, Frederiksberg, Denmark ~72: ELMERI MATIAS JOKINEN;GAVIN WHITLOCK;JAKOB BUSCH-PETERSEN;KIM ANDERSEN~ 33:EP ~31:23186193.1 ~32:18/07/2023;33:EP ~31:23191955.6 ~32:17/08/2023;33:EP ~31:23205179.7 ~32:23/10/2023;33:EP ~31:24177383.7 ~32:22/05/2024

2026/00785 ~ Complete ~54:VACCINE COMPOSITIONS AND METHODS FOR CONTROL OF FOOT AND MOUTH DISEASE ~71:Indian Council of Agricultural Research, 1, Krishi Bhavan, Dr. Rajendra Prasad Road, NEW DELHI 110001, INDIA, India;Zoetis Pharmaceutical Research Private Limited, 31, Kalpataru Synergy, Opp. Grand Hyatt, SANTACRUZ (EAST) 400055 , MUMBAI, INDIA, India ~72: BASAGOUDANAVAR, Suresh H.;DOMINOWSKI, Paul;HOSAMANI, Madhusudan;MAHAN, Suman;MISHRA, B.P.;MWANGI, Duncan;RAI, Sharat;SANYAL, Aniket;SARAVANAN, P.;SINGH, Raj Kumar;SREENIVASA, B.P.;TAMIL SELVAN, R.P.;VENKATARAMANAN, R.~ 33:IN ~31:202311019351 ~32:21/03/2023

2026/00787 ~ Complete ~54:IMIDAZO[1,2-A]PYRAZIN DERIVATIVES AND THEIR USE IN THE TREATMENT OF A HELMINTH INFECTION ~71:Merck Patent GmbH, Frankfurter Strasse 250, DARMSTADT 64293 , GERMANY, Germany ~72: KULKARNI, Shashank;SPANGENBERG, Thomas~ 33:US ~31:63/509,325 ~32:21/06/2023

2026/00792 ~ Complete ~54:FUSION POLYPEPTIDE AJ007 AND USE THEREOF ~71:NANJING ANJI BIOTECHNOLOGY CO., LTD, Floor 6, Building A7, Hongfeng Technology Park Economic-Technological Development Area, Nanjing, Jiangsu, 210000, People's Republic of China ~72: HANMEI XU;SHUJIAN CHEN~ 33:CN ~31:202310763131.4 ~32:26/06/2023

2026/00796 ~ Complete ~54:A READY-TO-USE ORAL LIQUID FORMULATION OF WARFARIN SODIUM ~71:LIQMEDS WORLDWIDE LIMITED, Sandretto Building, Cavalry Hill Industrial Park, Weedon, United Kingdom ~72: PATEL, Chintan;UMRETHIA, Manish~ 33:IN ~31:202321049529 ~32:22/07/2023

2026/00760 ~ Provisional ~54:A SYSTEM FOR DISTRIBUTING ELECTRICAL ENERGY COMPRISING A PACKETIZATION ENGINE, A ROUTING CONTROLLER CONFIGURED TO APPLY GOVERNANCE RULES, AND A WIRELESS DELIVERY INTERFACE. ~71:Sibusiso Ngwane, 5304 Munyaka Lifestyle Estate, 2 Mia Drive Waterfall, South Africa;Sibusiso Ngwane, 5304 Munyaka Lifestyle Estate, 2 Mia Drive Waterfall, South Africa ~72: Sibusiso Ngwane~ 33:ZA ~31:740614 ~32:05/01/2026

2026/00763 ~ Provisional ~54:SYSTEM AND METHOD FOR CRYPTOGRAPHICALLY VERIFIABLE NON-CHANGE EVIDENCE GENERATION ACROSS DEFINED SURVEILLANCE INTERVALS ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00768 ~ Provisional ~54:A COMPUTER-IMPLEMENTED SYSTEM AND METHOD FOR ENFORCING A REGULATED CLINICAL CONSULTATION WORKFLOW WITH MANDATORY HUMAN VALIDATION ~71:Dr Leane van der Merwe, 35 Van Zyl str, South Africa ~72: Dr Leane van der Merwe~

2026/00770 ~ Provisional ~54:DIGITAL FARMING METHOD AND SYSTEM FOR SMALL SCALE FARMERS ~71:FERREIRA, Marcelle, 3 Jacaranda Avenue, Protea Park, South Africa ~72: FERREIRA, Marcelle~

2026/00771 ~ Provisional ~54:MODULAR VERTICAL-DENSITY POULTRY HUSBANDRY SYSTEM WITH PASSIVE GRAVITATIONAL SEPARATION AND ZERO-TOUCH MAINTENANCE ~71:Khonza Izwe Consulting Engineers (Pty) Ltd, 109 Valley Road, South Africa ~72: Khonza Izwe Consulting Engineers (Pty) Ltd~

2026/00780 ~ Complete ~54:SUPPORT DEVICE FOR A CONTAINER ~71:MEINTJES, Robert Peter Wessel, 22 Dolfyn Street, Yzerfontein, South Africa ~72: MEINTJES, Robert Peter Wessel~

2026/00794 ~ Complete ~54:GLP-1, GIP AND GCG RECEPTOR TRIAGONIST AND USE THEREOF ~71:JIANGSU HENGRUI PHARMACEUTICALS CO., LTD., No.7 Kunlunshan Road, Economic and Technological Development Zone, Lianyungang, Jiangsu, 222047, People's Republic of China ~72: FANGZHOU WU;JINGJING TANG;JINGYI WANG;LEI WANG;LEJIAO REN;LIANG QU;LINSHUANG ZHANG;LUTAO JING;PENG JIANG;XIANG HE;XUCHAO HUANG~ 33:CN ~31:202310869978.0 ~32:14/07/2023;33:CN ~31:202311605389.8 ~32:28/11/2023;33:CN ~31:202410038906.6 ~32:10/01/2024

2026/00778 ~ Complete ~54:AN INTELLIGENT EARLY WARNING AND AUDITING METHOD FOR ENTERPRISE FINANCIAL FRAUD BASED ON BIG DATA ~71:Xingzhi College Zhejiang Normal University, No. 3388, Yingbin Avenue, Shanghua Street, Lanxi City, Jinhua City, Zhejiang Province, 321100, People's Republic of China ~72: Xiaojun Wu;Yun Li;Zhengfeng Li~

2026/00781 ~ Complete ~54:SUBSTITUTED HALOALKYL SULFONANILIDE HERBICIDES ~71:FMC CORPORATION, 2929 Walnut Street, Philadelphia, Pennsylvania, 19104, United States of America ~72: ALISON MARY LEVENS;MICHAEL HOLMES;THOMAS MARTIN STEVENSON;THOMAS PAUL SELBY;WANDI ZHANG~ 33:US ~31:63/058,459 ~32:29/07/2020

2026/00782 ~ Complete ~54:METHOD AND SYSTEM FOR MONITORING CASSAVA BREEDING ENVIRONMENT BASED ON DATA ANALYSIS ~71:SANYA INSTITUTE, CHINESE ACADEMY OF TROPICAL AGRICULTURAL SCIENCES, 100 meters southeast of the intersection of No. 5 Road and Huanjin Road, Yazhou District, Sanya, People's Republic of China;TROPICAL CROPS GENETIC RESOURCES INSTITUTE, CHINESE ACADEMY OF TROPICAL AGRICULTURAL SCIENCES, No. 4, Xueyuan Road, Longhua District, Haikou, People's Republic of China ~72: Bei ZHANG;Feifei AN;Feng YANG;Hanfeng LI;Jie CAI;Jingjing XUE;Kaimian LI;Maofu XUE;Songbi CHEN;Wenli ZHU;Xiuqin LUO;Zhuowen WEI~ 33:CN ~31:202510097688.8 ~32:22/01/2025

2026/00795 ~ Complete ~54:TOLL-LIKE RECEPTOR (TLR) AGONIST LIPIDOID COMPOUNDS, LIPID NANOPARTICLES (LNPS) COMPRISING THE SAME, AND METHODS OF USE THEREOF ~71:THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, 3600 Civic Center Boulevard, 9th Floor, Philadelphia, Pennsylvania, 19104, United States of America ~72: DREW WEISSMAN;MICHAEL J MITCHELL;MOHAMAD-GABRIEL ALAMEH;XUEXIANG HAN~ 33:US ~31:63/509,452 ~32:21/06/2023

2026/00765 ~ Provisional ~54:FIREARM SAFETY INNOVATION (PP 2026) ~71:Wayne Henry Erasmus, 19710th Avenue, Kraaifontein, South Africa ~72: Wayne Henry Erasmus~

2026/00766 ~ Provisional ~54:WEARABLE SAFETY DEVICE AND SYSTEM ~71:MOLOPE, Aggrineth Chantelle, 289 Mimosa Road, 9 Sammoi Complex, Blackheath, South Africa ~72: MOLOPE, Aggrineth Chantelle~

2026/00769 ~ Provisional ~54:A VEHICLE CONTROL SYSTEM AND METHOD ~71:HARDCORE AUTOMOTIVE LOCKING TECHNOLOGIES (PTY) LTD, c/o Gerhard Lourens Inc, Jolin House, Cnr of Marloth & van der Merwe Street, MBOMBELA 1200, SOUTH AFRICA, South Africa ~72: TALJAARD, Philippus Petrus Erasmus~

2026/00789 ~ Complete ~54:SYSTEM AND METHOD FOR MEASURING BLOOD PRESSURE ~71:Rockley Photonics Limited, 1 Ashley Road, 3rd Floor, ALTRINCHAM WA14 2DT, CHESHIRE, UNITED KINGDOM, United Kingdom ~72: BECHTEL, Kate LeeAnn;NAJI, Mohsen~ 33:US ~31:63/514,994 ~32:21/07/2023

2026/00761 ~ Provisional ~54:COMPACTIBLE VESSEL ~71:NYALUZA, Hlumelo, 1952 Phakamisa, Zone 1, South Africa ~72: NYALUZA, Hlumelo~

2026/00762 ~ Provisional ~54:A METHOD FOR REDUCING ELECTROCUTION RISK BY DELIVERING ELECTRICAL ENERGY WIRELESSLY THROUGH CONTROLLED, BOUNDED TRANSMISSIONS RATHER THAN CONTINUOUS CONDUCTIVE PATHWAYS ~71:Sibusiso Ngwane, 5304 Munyaka Lifestyle Estate, 2 Mia Drive Waterfall, South Africa ~72: Sibusiso Ngwane~ 33:ZA ~31:010115 ~32:29/12/2025

2026/00786 ~ Complete ~54:PHARMACEUTICAL COMPOUNDS ~71:Almac Discovery Limited, Almac House, 20 Seagoe Industrial Estate, CRAIGAVON BT63 5QD, UNITED KINGDOM, United Kingdom ~72: BURKAMP, Frank;HELM, Matthew Duncan;MCFARLAND, Mary;ROUNTREE, James Samuel Shane;SALEWSKA, Natalia Wanda;SHEPHERD, Steven David;TREDER, Adam Piotr~ 33:GB ~31:2311227.9 ~32:21/07/2023

2026/00791 ~ Complete ~54:QUINOLINE CARBOXAMIDES FOR USE IN THE TREATMENT OF MPN ~71:ACTIVE BIOTECH AB, Scheelevagen 22, 22363, Lund, Sweden;BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, 210 West 7th Street, Austin, Texas, 78701, United States of America ~72: HELEN

TUVESSON;HELENA ERIKSSON;KAPIL BHALLA~ 33:US ~31:63/510,726 ~32:28/06/2023;33:US ~31:63/514,844 ~32:21/07/2023;33:US ~31:63/594,235 ~32:30/10/2023

2026/00757 ~ Provisional ~54:SYSTEM AND METHOD FOR EVIDENCE ARTIFACT GENERATION CONTROL IN NON-TESTIMONIAL AUTOMATED SYSTEMS ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00758 ~ Provisional ~54:SMART CAR ROBOTIC TOY KIT ~71:Lehlogonolo Kgabela Matsapola, 50 Avalon road, South Africa ~72: Lehlogonolo Kgabela Matsapola~ 33:ZA ~31:ZA2026001 ~32:01/01/2026

2026/00773 ~ Provisional ~54:SYSTEM AND METHOD FOR CRYPTOGRAPHICALLY ENFORCED REAL-TIME REPRESENTATIONAL AUTHORITY IN STREAMING ARTIFICIAL INTELLIGENCE VOICE SYSTEMS WITH CONTENT-BOUND VERIFICATION AND NON-OCCURRENCE PROOF GENERATION ~71:Venture Labs (Pty) Ltd, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00775 ~ Complete ~54:CYSTEAMINE FOR THE TREATMENT OF SARS-COV-2 INFECTION ~71:THE REGENTS OF THE UNIVERSITY OF MICHIGAN, 1600 Huron Parkway, 2nd Floor, United States of America ~72: GAVIN, Robert;THOENE, Jess~ 33:US ~31:63/024,284 ~32:13/05/2020;33:US ~31:63/024,974 ~32:14/05/2020

2026/00777 ~ Complete ~54:INTELLIGENT POSTPARTUM RECOVERY CARE MONITORING SYSTEM ~71:Guoxia Qu, Nursing Department, 12th Floor, Building 2, No. 1128 Jichang Road, Baiyun Branch of the Third Affiliated Hospital of Guangzhou Medical University, Guangzhou, Guangdong, People's Republic of China ~72: Guoxia Qu~

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2026/00813 ~ Complete ~54:POWDER FILLER DISPENSER USED IN DEVICE FOR MANUFACTURING PRODUCTS USING LIGHT-CURED COMPOSITE ~71:"FUTURE AM" LTD, VN.TER.G. MUNITSYPALNYJ OKRUG OREKHOVO-BORISOVO SEVERNOE,, UL DOMODEDOVSKAYA, D. 22, K. 1, KV. 582, MOSCOW, 115551, Russian Federation ~72: MIKHAILOV Aleksandr Aleksandrovich;SMIRNOV Dmitrii Dmitrievich;VOVNIAKOV Aleksei Olegovich~ 33:RU ~31:2025122609 ~32:14/08/2025

2026/00822 ~ Complete ~54:POSTPARTUM FUMIGATION AND CONDITIONING DEVICE FOR OBSTETRICS AND GYNECOLOGY ~71:ZHENGZHOU UNIVERSITY OF INDUSTRY TECHNOLOGY, Xinzheng High-Tech Development Zone, People's Republic of China ~72: FU, Dandan;GUO, Junhong;HUANG, Huimin;LIAN, Ke;LIANG, Shasha;MU, Hairu;SUN, Lipeng;YANG, Afang~

2026/00831 ~ Complete ~54:REACTOR FOR SURFACTANT ENHANCED MICROBIAL REMEDIATION OF CONTAMINATED SOIL ~71:LIAONING INSTITUTE OF SCIENCE AND TECHNOLOGY, NO. 176, XIANGHUAI ROAD, BENXI CITY, People's Republic of China ~72: RONG, Luge~

2026/00835 ~ Complete ~54:GAL475 COMPOSITIONS AND METHODS OF USE THEREOF ~71:NEURIM PHARMACEUTICALS (1991) LTD., 27 HaBarzel Street, Israel ~72: FURMAN, Ran;ZISAPEL, Nava~ 33:US ~31:63/519,310 ~32:14/08/2023

2026/00846 ~ Complete ~54:COMBINATIONAL TREATMENT ~71:H. LUNDBECK A/S, Ottiliavej 9, 2500 Valby, Denmark ~72: AYODEJI ABDUR-RASHEED ASUNI;BERIT OLSEN KROGH;GREG BARNETT;MARK BYRON KNELLER;VLADIMIR RAZINKOV~ 33:US ~31:63/509,854 ~32:23/06/2023

2026/00855 ~ Complete ~54:ANTI IL-6 DOMAIN ANTIBODIES ~71:Novo Nordisk A/S, Novo Alle 1, BAGSVÆRD 2880, DENMARK, Denmark ~72: BALANTIC-NIELSEN, Emma;BJELKE, Jais Rose;EGEBJERG, Thomas;KOPP,

Katharina Luise Maria;REEDTZ-RUNGE, Steffen;SASSENE, Philip Jonas;YANG, Che~ 33:EP ~31:23196627.6 ~32:11/09/2023

2026/00864 ~ Complete ~54:ADSORBENT FOR GERMANIUM [68GE]-GALLIUM [68GA] GENERATOR, PREPARATION METHOD THEREFOR AND GERMANIUM [68GE]-GALLIUM [68GA] GENERATOR ~71:CHENGDU NEW RADIOMEDICINE TECHNOLOGY CO., LTD., No.999 3rd Konggang Rd. Southwest Aviation Economic Development Zone, People's Republic of China ~72: CAI, Jiming;GE, Qiang;HU, Renxin;HU, Xiaoyang;JIANG, Dengrong;LIU, Fang;TAN, Wenjing;WU, Jie;ZHANG, Shuang~ 33:CN ~31:202311178636.0 ~32:13/09/2023;33:CN ~31:202311178638.X ~32:13/09/2023

2026/00829 ~ Complete ~54:RAPID DETECTION SYSTEM FOR BIOMOLECULES BASED ON MAGNETIC PARTICLES ~71:THE FIRST AFFILIATED HOSPITAL OF JINAN UNIVERSITY, NO.613, HUANGPU WEST ROAD, TIANHE DISTRICT, GUANGZHOU CITY,, People's Republic of China ~72: JI, Yuxing;LI, Haiou;LI, Wei;YAN, Tianyi;ZHANG, Shuixing~

2026/00836 ~ Complete ~54:MAGNIFIER WITH CAMERA CAPABILITIES ~71:SHELTERED WINGS, INC. d/b/a VORTEX OPTICS, ONE VORTEX DRIVE, BARNEVELD, WI 53507, USA, United States of America ~72: BOLLIG, Garrison;HAVENS, Calen;LEWIS, Alexander;LOWRY, William~ 33:US ~31:63/510,743 ~32:28/06/2023;33:US ~31:63/511,053 ~32:29/06/2023

2026/00843 ~ Complete ~54:PROCESSING CRUSHED ORE ~71:WEIR MINERALS NETHERLANDS B.V., Egtenrayseweg 9, Netherlands ~72: ÖNOL, Tevfik Serhat~ 33:GB ~31:2312603.0 ~32:17/08/2023

2026/00857 ~ Complete ~54:FUNGICIDAL COMPOSITIONS ~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: LOISELEUR, Olivier;WOLF, Hanno Christian~ 33:EP ~31:23190210.7 ~32:08/08/2023

2026/00862 ~ Complete ~54:STABLE ORAL SOLUTION FORMULATION COMPRISING ULTRA-FINE AND FINE PARTICLES OF VITAMIN D 3, A CURCUMINOID AND A NON-CURCUMINOID ~71:STABICON LIFE SCIENCES PVT LTD, No. 22, 7th Cross, Jaibharath Nagar, Bangalore, Karnataka, India, 560033, India ~72: BOTHRA, Hemant Kumar;JAIN, Sumit Kumar;JOSE, Jyolsna Agnes;NAIK, Praful Ramachandra;NATARAJAN, Elayaraja;PANDI, Balasubramani;PURUSHOTHAMAN, Kesavalu~ 33:IN ~31:202341043622 ~32:29/06/2023

2026/00799 ~ Provisional ~54:ONE CALL WEEP HOLE COVERS ~71:David Allan Flanigan, 16 Milkwood Place, 11th Avenue, South Africa;Reay Alan Flanigan, 16 Milkwood Place, 11th Avenue, South Africa ~72: David Allan Flanigan;Reay Alan Flanigan~

2026/00801 ~ Provisional ~54:MULTI-TEMPORAL COMPONENT-BASED VALUATION SYSTEM WITH AUTONOMOUS REPRICING, MULTI-MODAL VERIfiCATION, AND AI-POWERED DECOMPOSITION ~71:EXPONENTURE (PTY) LTD, 12 GLASTONBURY DRIVE, BISHOPSCOURT, South Africa ~72: WATSON, Matthew Simon~

2026/00812 ~ Complete ~54:SYSTEM FOR GENERATING A DATABASE ~71:KRAVCHENKO Alexander Aleksandrovich, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: KRAVCHENKO Alexander Aleksandrovich~ 33:RU ~31:2025110947 ~32:26/04/2025

2026/00828 ~ Complete ~54:FUSION PROTEIN FOR BLOCKING BREAST CANCER BONE METASTASIS AND ITS PREPARATION METHOD ~71:The Third Affiliated Hospital of Xinjiang Medical University, No. 789 Suzhou East Street, Urumqi City, Xinjiang Uygur Autonomous Region, People's Republic of China ~72: Hongyu Li~

2026/00837 ~ Complete ~54:PRISM FOR AN OPTICAL SYSTEM ~71:SHELTERED WINGS, INC. d/b/a VORTEX OPTICS, ONE VORTEX DRIVE, BARNEVELD, WI 53507, USA, United States of America ~72: BOLLIG, Garrison;HAVENS, Calen;LEWIS, Alexander;LOWRY, William~ 33:US ~31:63/510,743 ~32:28/06/2023

2026/00852 ~ Complete ~54:A MYCORRHIZAL COMBINATION, COMPOSITION AND USE THEREOF ~71:Natural Plant Protection Limited, UPL Ltd, Uniphos House, Madhu Park, C.D.Marg, Khar W, MUMBAI 400052, INDIA, India ~72: KUMAR, Dhirendra;PALAKURI, Jayalakshmi;PUTTASWAMY, Rekha~ 33:IN ~31:202321041880 ~32:23/06/2023

2026/00800 ~ Provisional ~54:A LIQUID CARTRIDGE, AN APPLICATOR HEAD, AND A LIQUID CARTRIDGE-APPLICATOR HEAD ASSEMBLY ~71:CORTHING, Johannes Stephanus, 45 Eden Park, Melodie, HARTBEESPOORT 0216, SOUTH AFRICA, South Africa ~72: CORTHING, Johannes Stephanus~

2026/00804 ~ Provisional ~54:SYSTEM AND METHOD FOR EVENT-ADAPTIVE INFORMATION AND RETRIEVAL BASED ON INTERACTION CONTEXT ~71:Mohale Kitso Mpesi, Mohale Mpesi, South Africa ~72: Mohale Kitso Mpesi~

2026/00809 ~ Complete ~54:COMPUTER DEVICE FOR OBTAINING A DATASET ~71:KRAVCHENKO Alexander Aleksandrovich, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: KRAVCHENKO Alexander Aleksandrovich~ 33:RU ~31:2025110944 ~32:26/04/2025

2026/00817 ~ Complete ~54:SYSTEM FOR DISTRIBUTING DOSAGE FORMS ~71:KRAVCHENKO Alexander Aleksandrovich, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: KRAVCHENKO Alexander Aleksandrovich~ 33:RU ~31:2025110951 ~32:26/04/2025

2026/00830 ~ Complete ~54:TOUCH NURSING TABLE ~71:WENZHOU PEOPLE'S HOSPITAL, NO. 299, GU'AN ROAD, OUHAI DISTRICT WENZHOU CITY, People's Republic of China ~72: ZHANG, Sisi~

2026/00834 ~ Complete ~54:HIGH-TEMPERATURE THERMAL INITIATOR AND PREPARATION METHOD THEREFOR AND USE THEREOF ~71:HUBEI JIANDUN FIRE TECHNOLOGY CO., LTD., No.199 Huaxi Road, Biological Industrial Park, China (Hubei) Free Trade Zone Yichang Area, Yichang, Hubei, 443000, People's Republic of China ~72: HUANG, Rui;LIU, Xinyu;LU, Fagui;WANG, Qi;ZHAO, Heng;ZOU, Beibei~ 33:CN ~31:202310805484.6 ~32:03/07/2023

2026/00841 ~ Complete ~54:LOOKUP TABLE BASED DECODER SIDE INTRA MODE DERIVATION ~71:NOKIA TECHNOLOGIES OY, KARAKAARI 7, 02610 ESPOO, FINLAND, Finland ~72: AMINLOU, Alireza~ 33:US ~31:63/511,603 ~32:30/06/2023

2026/00847 ~ Complete ~54:COMPOSITION CONTAINING NATURAL PYRETHRIN AND ANTIOXIDANT ~71:SUMITOMO CHEMICAL COMPANY, LIMITED, 2-7-1, Nihonbashi, Chuo-ku, Tokyo 103-6020, Japan ~72: FUHITO SONOBE;NORIKO YAMADA;TAKASHI TOKUNAGA~ 33:JP ~31:2023-109574 ~32:03/07/2023;33:JP ~31:2023-143206 ~32:04/09/2023

2026/00854 ~ Complete ~54:APPARATUS, SYSTEM AND METHOD FOR PRODUCING AN IONIZED GAS DISCHARGE FOR TREATMENT OF A MEDIUM ~71:Green Lightning Solutions, LLC, 1805 Fortune Drive, WINCHESTER 40391, KY, USA, United States of America ~72: LEWIS III, Joseph~ 33:US ~31:18/222,027 ~32:14/07/2023;33:US ~31:18/222,053 ~32:14/07/2023;33:US ~31:18/222,080 ~32:14/07/2023;33:US ~31:18/222,103 ~32:14/07/2023;33:US ~31:18/222,135 ~32:14/07/2023;33:US ~31:18/222,176 ~32:14/07/2023;33:US ~31:18/222,220 ~32:14/07/2023;33:US ~31:18/222,252 ~32:14/07/2023

2026/00859 ~ Complete ~54:SOLAR-CONTROL AND/OR LOW-EMISSIVITY GLAZING ~71:Saint-Gobain Glass France, Tour Saint-Gobain, 12 Place de l'Iris, COURBEVOIE 92400, FRANCE, France ~72: BARRES, Thomas;GUIMARD, Denis;LAMBERT, Charles-Henri~ 33:FR ~31:FR2308532 ~32:07/08/2023

2026/00866 ~ Provisional ~54:SMARTFILL FEULDESPENCER PLUS ~71:STEPHANUS JOHANNES VAN DER WALT, 85 NICOL STREET, HEILBRON, South Africa ~72: STEPHANUS JOHANNES VAN DER WALT~

2026/00797 ~ Provisional ~54:SYSTEM AND METHOD FOR GENERATING CRYPTOGRAPHICALLY VERIFIABLE INCIDENT RESPONSE EVIDENCE FOR ARTIFICIAL INTELLIGENCE SYSTEMS USING HARDWARE-ROOTED TRUST AND MULTI-SOURCE TIME ATTESTATION ~71:Venture Labs (Pty) Labs, 7 Sybille Rd, Melkbosstrand, South Africa ~72: Patrick Le Roux~

2026/00802 ~ Provisional ~54:REUSABLE MENSTRUAL GARMENT ~71:UNOLALI CONCEPTS (PTY) LTD, 4 Western Ave Vincent East London, South Africa ~72: NOLOYISO, Unolali Ngalo~

2026/00806 ~ Complete ~54:COMPUTER DEVICE FOR DATABASE GENERATION ~71:KRAVCHENKO Alexander Aleksandrovich, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: KRAVCHENKO Alexander Aleksandrovich~ 33:RU ~31:2025110942 ~32:26/04/2025

2026/00810 ~ Complete ~54:COMPUTER DEVICE FOR GENERATING INSTRUCTION TO GENERATE CONTROL SIGNALS ~71:KRAVCHENKO Alexander Aleksandrovich, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: KRAVCHENKO Alexander Aleksandrovich~ 33:RU ~31:2025110945 ~32:26/04/2025

2026/00816 ~ Complete ~54:SYSTEM FOR GENERATING INSTRUCTION TO GENERATE CONTROL SIGNALS ~71:KRAVCHENKO Alexander Aleksandrovich, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: KRAVCHENKO Alexander Aleksandrovich~ 33:RU ~31:2025110950 ~32:26/04/2025

2026/00818 ~ Complete ~54:IN-SITU REMEDIATION METHOD FOR URANIUM CONTAMINATION THROUGH BIO-INDUCED PYRITE TRANSFORMATION ~71:Beijing Research Institute of Chemical Engineering and Metallurgy, No. 145 Jiukeshu, Tongzhou District, Beijing, People's Republic of China ~72: Hui LIU;Junnan MA;Qingyin XIA;Shang GAO;Xiumin JIA;Xuebin SU;Yuqing NIU;Ziyang WANG~ 33:CN ~31:202510208189.1 ~32:25/02/2025

2026/00820 ~ Complete ~54:DIGITAL-TWIN-BASED INTELLIGENT SCHEDULING SYSTEM CAPABLE OF ACHIEVING MULTI-ROBOT COLLABORATIVE OPERATION ~71:Jinggangshan University, Jinggangshan University, No. 28 Xueyuan Road, Qingyuan District, Ji'an City, Jiangxi Province, 343009, People's Republic of China ~72: YANG, Liping~

2026/00825 ~ Complete ~54:METHOD FOR IN-SITU REMEDIATION OF URANIUM CONTAMINATION ~71:Beijing Research Institute of Chemical Engineering and Metallurgy, No. 145 Jiukeshu, Tongzhou District, Beijing, 101149, People's Republic of China ~72: Hui LIU;Jiahong SUN;Liuyin SHI;Qingyin XIA;Xiumin JIA;Xuebin SU;Yuqing NIU;Ziyang WANG~ 33:CN ~31:202510126117.2 ~32:27/01/2025

2026/00827 ~ Complete ~54:A DEEP LEARNING-BASED ECMO INJURY RISK PREDICTION METHOD AND SYSTEM ~71:Zhongshan City People's Hospital, No.2, Sunwen East Road, Zhongshan City, Guangdong Province, People's Republic of China ~72: Binfei Li;Shan Huang;Wenjun Zhang;Xiaozu Liao~ 33:CN ~31:202510465292.4 ~32:15/04/2025

2026/00838 ~ Complete ~54:TREPROSTINIL DERIVATIVE, AND PREPARATION METHOD THEREFOR AND USE THEREOF ~71:CF PHARMTECH GUANGZHOU LIMITED, ROOM 1139, UNIT 406, NO. 1 YICHUANG STREET, CHINA- SINGAPORE GUANGZHOU KNOWLEDGE CITY, HUANGPU DISTRICT, GUANGZHOU, GUANGDONG 510700, CHINA, People's Republic of China;CF PHARMTECH HONGKONG LIMITED, RM 504, 5/F CHEONG TAI COMM BLDG 60-66, WING LOK ST, SHEUNG WAN, HONG KONG 999077, CHINA, People's Republic of China;CF PHARMTECH USA, INC., 16192 COASTAL HIGHWAY, LEWES, COUNTY OF SUSSEX, DELAWARE 19958, USA, United States of America;CF PHARMTECH, INC., NO. 16, HUCUNDANG ROAD, XIANGCHENG DISTRICT SUZHOU, JIANGSU 215143, CHINA, People's Republic of China ~72: CHE, Lin;DONG, Jingwei;LI, Xiujuan;LIANG, Bill, Wenqing;LIU, Xiao;QUAN, Mengxue;TAO, Hongfu;XU, Beibei;XU, Lin;ZHANG, Liang~ 33:CN ~31:202310804817.3 ~32:03/07/2023

2026/00840 ~ Complete ~54:TIRE REPAIR APPARATUS FOR ATTACHMENT TO A VEHICLE WHEEL ~71:KT PROJEKTENTWICKLUNGS-GMBH, Edisonstrasse 25, Germany ~72: TSIBERIDIS, Konstantin;TSOUROUKIDOU, Eleni~

2026/00845 ~ Complete ~54:NOVEL SILICON SMELTING PROCESS ~71:METIX (PROPRIETARY) LIMITED, 204 Rivonia Road, Morningside, South Africa ~72: GELDENHUYS, Isabella Johanna;LOUW, Stephan Christiaan;MOOLMAN, Wynand David~ 33:NL ~31:2035827 ~32:19/09/2023

2026/00850 ~ Complete ~54:SYSTEMS AND METHODS FOR PROVIDING CART DRAINAGE FOR A MODULAR GROW TOWER ~71:TAVACI TECHNOLOGIES LLC, 4256 Alpine Cove Dr Alpine, Utah 84004, United States of America ~72: JOHNDAVID TUELLER;RYAN JOSEPH CRAWFORD;SEAN R PETERSON;TODD GARRETT TUELLER~ 33:US ~31:63/512,110 ~32:06/07/2023;33:US ~31:63/512,129 ~32:06/07/2023

2026/00860 ~ Complete ~54:SQUASH PLANTS WITH PAPAYA RINGSPOT VIRUS (PRSV) RESISTANCE ~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: MENET, Guillaume;RIZZOLATTI, Carine~ 33:EP ~31:23190539.9 ~32:09/08/2023

2026/00798 ~ Provisional ~54:SOLID BASE CARDBOARD BOX ~71:Eesaa Muhummad, 4 main avenue 32 alegria killarney, South Africa ~72: Eesaa Muhummad~

2026/00803 ~ Provisional ~54:A DIGITAL SYSTEM TO TRANSFER AND STORE RECEIPTS ~71:SLIP COLLECTOR (PTY) LTD, 19 NENTA PLACE, U19 WINCHESTER PEAKS, WINCHESTER HILLS, South Africa ~72: LINDELIHLE SIBUSISO CEBEKHULU~

2026/00814 ~ Complete ~54:A METHOD FOR THE FILING AND APPROVAL OF MEDICAL TREATMENT IN A DIFFERENT LOCATION BASED ON BIG DATA ~71:Hefei Technology College, Lieshan Road, Xinzhan District, Hefei City, Anhui Province, People's Republic of China ~72: Liu Bowen;Ni Yinzhu;Yang Jinxin;Yang Shihe;Zhang Yue;Zhao Hong~

2026/00819 ~ Complete ~54:PREPARATION METHOD FOR BENZINDOLE COMPOUNDS HAVING AXIALLY CHIRAL ARYLALKENE STRUCTURE ~71:Jinhua University of Vocational Technology, No.888, Haitang West Road, Wucheng District, Jinhua City, Zhejiang Province, 321016, People's Republic of China ~72: JIN, Weiwei;LEI, Fanbo;LING, Jie;LU, Wenkui;MAO, Hui;NI, Hangcheng;QIAN, Yongteng;SHEN, Lei;WANG, Xing;XU, Sa;YANG, Chunyu;ZHANG, Rongyu~

2026/00833 ~ Complete ~54:AN EFFICIENT CURING CONSTRUCTION METHOD FOR CONCRETE PRECAST COMPONENTS ~71:CCTEG SHENYANG ENGINEERING COMPANY, No. 12, Xiannongtan Road, Shenhe District, Shenyang City, People's Republic of China;CHINA COMMUNICATIONS FIRST HIGHWAY ENGINEERING BUREAU HAIWEI ENGINEERING CONSTRUCTION CO., LTD, Building 1, No. 568 Xuxing

Road, Tongzhou District, People's Republic of China;SHENYANG JIANZHU UNIVERSITY, No. 25, Hunnan Middle Road, Hunnan District, People's Republic of China ~72: GU, Dayong;JIANG, Song;LI, Jian;XUE, Xingwei~

2026/00839 ~ Complete ~54:POLYALKYLENE GLYCOL BASE OIL FOR REDUCING NOX IN GAS FUELED COMBUSTION ENGINES ~71:BASF SE, CARL BOSCH STRASSE 38, 67056 LUDWIGSHAFEN AM RHEIN, GERMANY, Germany ~72: BERNHARDT, Soeren;GERBER, David;LEUBNER, Marcus;MINKE, Andreas;RIEK, Simone;RITTIG, Frank~ 33:EP ~31:23181407.0 ~32:26/06/2023

2026/00844 ~ Complete ~54:COMMINUTION AND ORE PROCESSING ~71:WEIR MINERALS AUSTRALIA LIMITED, 1 Marden Street,, Australia ~72: HANHINIEMI, Jeremy~ 33:GB ~31:2312292.2 ~32:10/08/2023

2026/00851 ~ Complete ~54:CONVEYOR GAP BLOCKER ~71:FLEXIBLE STEEL LACING COMPANY, 2525 Wisconsin Avenue, United States of America ~72: JENSEN, Parker;PETTINGA, Mark Steven~ 33:US ~31:63/528,572 ~32:24/07/2023

2026/00856 ~ Complete ~54:FUNGICIDAL COMPOSITIONS ~71:Syngenta Crop Protection AG, Rosentalstrasse 67, BASEL 4058, SWITZERLAND, Switzerland ~72: LOISELEUR, Olivier;WOLF, Hanno Christian~ 33:EP ~31:23190212.3 ~32:08/08/2023

2026/00858 ~ Complete ~54:RECESSABLE RFID FASTENER ~71:VenaResources, Inc., 101 E. Park Blvd., Ste. 600, PLANO 75074, TX, USA, United States of America ~72: BUTLER, Jonathan Michael~ 33:US ~31:63/526,263 ~32:12/07/2023;33:US ~31:63/527,360 ~32:18/07/2023;33:US ~31:63/544,997 ~32:20/10/2023

2026/00808 ~ Complete ~54:COMPUTER DEVICE FOR GENERATING A DATABASE QUERY ~71:KRAVCHENKO Alexander Aleksandrovich, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: KRAVCHENKO Alexander Aleksandrovich~ 33:RU ~31:2025110943 ~32:26/04/2025

2026/00815 ~ Complete ~54:SYSTEM FOR OBTAINING A DATASET ~71:KRAVCHENKO Alexander Aleksandrovich, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: KRAVCHENKO Alexander Aleksandrovich~ 33:RU ~31:2025110949 ~32:26/04/2025

2026/00821 ~ Complete ~54:DIGITAL PORTRAIT AND PRECISE EMPOWERMENT PLATFORM FOR INNOVATION CAPABILITY OF SPECIALIZED, REFINED, DISTINCTIVE, AND INNOVATIVE ENTERPRISE ~71:Jinggangshan University, Jinggangshan University, No. 28 Xueyuan Road, Qingyuan District, Ji'an City, Jiangxi Province, 343009, People's Republic of China ~72: YANG, Liping~

2026/00823 ~ Complete ~54:LEAN PRODUCTION MANAGEMENT AND DECISION-MAKING SYSTEM DRIVEN BY INTEGRATION OF DIGITAL AND REAL ECONOMIES FOR SPECIALIZED, REFINED, DISTINCTIVE, AND INNOVATIVE ENTERPRISE ~71:Jinggangshan University, Jinggangshan University, No. 28 Xueyuan Road, Qingyuan District, Ji'an City, Jiangxi Province, 343009, People's Republic of China ~72: YANG, Liping~

2026/00832 ~ Complete ~54:A CURING EQUIPMENT FOR PREFABRICATED LARGE CONCRETE COMPONENTS ~71:CCTEG SHENYANG ENGINEERING COMPANY, No. 12, Xiannongtan Road, Shenhe District, Shenyang City, People's Republic of China;CHINA COMMUNICATIONS FIRST HIGHWAY ENGINEERING BUREAU HAIWEI ENGINEERING CONSTRUCTION CO., LTD, Building 1, No. 568 Xuxing Road, Tongzhou District, People's Republic of China;SHENYANG JIANZHU UNIVERSITY, No. 25, Hunnan Middle Road, Hunnan District, People's Republic of China ~72: GU, Dayong;JIANG, Song;XUE, Xingwei;ZOU, Yi~

2026/00849 ~ Complete ~54:TRI-FOLD TONNEAU COVER ~71:PERAGON ENTERPRISES, INC., W7041 Woodcraft Rd. Shell Lake, Wisconsin, 54871, United States of America ~72: CORY ROBINSON;HEATH COPP~ 33:US ~31:63/526,028 ~32:11/07/2023;33:US ~31:63/535,638 ~32:31/08/2023

2026/00861 ~ Complete ~54:COMPOSITIONS AND METHODS FOR INHIBITING EXPRESSION OF COMPLEMENT FACTOR B (CFB) ~71:SHANGHAI ARGO BIOPHARMACEUTICAL CO., LTD., 337 Shahe Road, J2026, Room 1_203, People's Republic of China ~72: SHAO, Pengcheng Patrick;SHU, Dongxu;XIA, Shiwei~ 33:CN ~31:PCT/CN2023/103142 ~32:28/06/2023

2026/00865 ~ Provisional
~54:AUTONOMOUS ELECTRIC VEHICLE CHARGING AUTHORIZATION SYSTEM USING NEURAL PROCES SING UNIT AND SECURE ELEMENT COMMUNICATION ~71:FRANCOIS PIERRE JOUBERT, 521, 20TH AVENUE, RIETFONTEIN, South Africa ~72: FRANCOIS PIERRE JOUBERT~

2026/00805 ~ Complete ~54:DEVICE FOR MANUFACTURING PRODUCTS USING LIGHT-CURED COMPOSITE ~71:"FUTURE AM" LTD, VN.TER.G. MUNITSYPALNYJ OKRUG OREKHOVO-BORISOVO SEVERNOE,, UL DOMODEDOVSKAYA, D. 22, K. 1, KV. 582, MOSCOW, 115551, Russian Federation ~72: MIKHAILOV Aleksandr Aleksandrovich;SMIRNOV Dmitrii Dmitrievich;VOVNIAKOV Aleksei Olegovich~ 33:RU ~31:2025122604 ~32:14/08/2025

2026/00807 ~ Complete ~54:SYSTEM FOR GENERATING A DATABASE QUERY ~71:KRAVCHENKO Alexander Aleksandrovich, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: KRAVCHENKO Alexander Aleksandrovich~ 33:RU ~31:2025110948 ~32:26/04/2025

2026/00811 ~ Complete ~54:COMPUTER DEVICE FOR DISTRIBUTING DOSAGE FORMS ~71:KRAVCHENKO Alexander Aleksandrovich, ul. Novoslobodskaya, d. 73/68, str. 5, kv. 207, Moscow, 127055, Russian Federation ~72: KRAVCHENKO Alexander Aleksandrovich~ 33:RU ~31:2025110946 ~32:26/04/2025

2026/00824 ~ Complete ~54:APPLICATION OF 4-VPS IN PREPARING KIT FOR SCREENING AND/OR DIAGNOSING HYPERTENSIVE RENAL INJURY ~71:SHANGHAI UNIVERSITY OF MEDICINE & HEALTH SCIENCES, 279 Zhouzhu Road, Pudong New Area, Shanghai, 200237, People's Republic of China ~72: CHEN Feimeng;WENG Huachun;WENG Jiaxin;WENG Jiayu~ 33:CN ~31:2025119184880 ~32:18/12/2025

2026/00826 ~ Complete ~54:RURAL-REVITALIZATION-ORIENTED DIGITAL SUPPLY CHAIN MANAGEMENT SYSTEM FOR AGRICULTURAL PRODUCTS OF SPECIALIZED, REFINED, DISTINCTIVE, AND INNOVATIVE ENTERPRISES ~71:Jinggangshan University, Jinggangshan University, No. 28 Xueyuan Road, Qingyuan District, Ji'an City, Jiangxi Province, 343009, People's Republic of China ~72: YANG, Liping~

2026/00842 ~ Complete ~54:ARITHMETIC CODING WITH SPATIAL TUNING ~71:NOKIA TECHNOLOGIES OY, KARAKAARI 7, 02610 ESPOO, FINLAND, Finland ~72: AMINLOU, Alireza;LAINEMA, Jani~ 33:US ~31:18/346,143 ~32:30/06/2023

2026/00848 ~ Complete ~54:COMPOSITIONS FOR DELIVERY OF PLASMODIUM ANTIGENS AND RELATED METHODS ~71:BIONTECH SE, An der Goldgrube 12, 55131, Mainz, Germany ~72: ADAM ZUIANI;ANJA DOKIC;ANNETTE VOGEL;ASAF PORAN;CHARLES JENNISON;CHARLES LEFCO DULBERGER;DANIEL ABRAM ROTHENBERG;JOHN SROUJI;PATRICIA DOS SANTOS MEIRELES~ 33:US ~31:63/515,079 ~32:21/07/2023

2026/00853 ~ Complete ~54:ALCOHOLIC BEVERAGES HAVING A HIGH CONTENT OF FRUITY VOLATILE COMPOUNDS AND A LOW VOLATILE ACIDITY AND PREPARATION PROCESS THEREOF. ~71:Bioenologia

2.0 S.R.L., Via G. Verdi, 32, ODERZO (TV) 31046 , ITALY, Italy ~72: POLO, Maurizio;RIPARI, Valery~ 33:IT ~31:102023000017745 ~32:29/08/2023

2026/00863 ~ Complete ~54:HIGH-PRESSURE WATER JET COAL SEAM THREE-DIMENSIONAL SLOTTING AND PRESSURE RELIEF DEVICE AND METHOD ~71:Anhui University of Science and Technology, No. 168, Taifeng Street, Shannan New District, People's Republic of China ~72: HU Qianting;LI Chengcheng;REN Qihan;XU Zunyu;YUAN Benqing;ZHANG Qingsong~

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2026/00869 ~ Provisional ~54:SYSTEM AND METHOD FOR SECURELY MANAGING AND RECORDING THE SIGN-OUT OF LEARNERS FROM EDUCATIONAL INSTITUTIONS ~71:PUTTER, Jan Hermanus, 194 Ronel straat, Doringloof, South Africa;VAN PLETZEN, Glen Charles Abbott, 137 Stymie Avenue, Clubview, South Africa ~72: PUTTER, Jan Hermanus;VAN PLETZEN, Glen Charles Abbott~

2026/00875 ~ Complete ~54:GAMING PROJECTILE FOR USE WITH THE CONTROLLED PAYLOAD OF A GAMING MULTICOPTER ~71:OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "LABORATORIA MIKROELEKTRONIKI "SMDUKA", VN.TER.G. MUNITSYPALNYJ OKRUG TEKSTILSHCHIKI, KV-L GRAYVORONOVO 90A, K. 5, KV. 26, MOSCOW, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2025122933 ~32:20/08/2025

2026/00881 ~ Complete ~54:A STROKE EARLY REHABILITATION ROBOT WITH STABLE REGULATION FUNCTION ~71:General Hospital of Xuzhou Mining Group, No. 32 Meijian Road, Xiguan, Quanshan District, Xuzhou City, Jiangsu Province, 221000, People's Republic of China ~72: WANG, Kai~

2026/00884 ~ Complete ~54:FIRE SUPPRESSION SPRINKLER AND DEFLECTOR ~71:VICTAULIC COMPANY, 4901 Kesslersville Road, United States of America ~72: WANCHO, Thomas F.~ 33:US ~31:62/385,273 ~32:09/09/2016

2026/00896 ~ Complete ~54:STROLLER FRAME ~71:UDOBNYE PROGULKI LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025123785 ~32:29/08/2025

2026/00899 ~ Complete ~54:MOTORIZED BABY STROLLER ~71:UDOBNYE PROGULKI LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025123796 ~32:29/08/2025

2026/00902 ~ Complete ~54:FLOOR-MOUNTED SHELF WITH HORIZONTAL SURFACE CLEANING DEVICE ~71:CHISTO I PROSTO LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI,, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025122198 ~32:11/08/2025

2026/00874 ~ Complete ~54:GAMING MULTICOPTER BODY ~71:OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "LABORATORIA MIKROELEKTRONIKI "SMDUKA", VN.TER.G. MUNITSYPALNYJ OKRUG TEKSTILSHCHIKI, KV-L GRAYVORONOVO 90A, K. 5, KV. 26, MOSCOW, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2025122930 ~32:20/08/2025

2026/00878 ~ Complete ~54:SCENT DISTRIBUTION DEVICE ~71:OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "TEKHNOLOGII AROMATIZATSII", VN.TER.G. MUNITSYPALNYJ OKRUG TEKSTILSHCHIKI,, KV-L GRAYVORONOVO 90A, K. 5, KV. 26, MOSCOW, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2025123978 ~32:31/08/2025

2026/00889 ~ Complete ~54:VORTEX SLURRY PUMP ~71:Thomas Stuart MILLER, 26 Victory Lane, Earls Court, Airway Road, HEATHER PARK, George 6529, Western Cape Province, SOUTH AFRICA, South Africa ~72: Thomas Stuart MILLER~ 33:ZA ~31:2025/00704 ~32:22/01/2025

2026/00891 ~ Complete ~54:STROLLER FRAME ~71:UDOBNYE PROGULKI LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025123793 ~32:29/08/2025

2026/00894 ~ Complete ~54:FLOOR-MOUNTED SHELF WITH HORIZONTAL SURFACE CLEANING DEVICE ~71:CHISTO I PROSTO LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI,, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025122200 ~32:11/08/2025

2026/00910 ~ Complete ~54:FLOOR-MOUNTED CLOSET WITH HORIZONTAL SURFACE CLEANING DEVICE ~71:CHISTO I PROSTO LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI,, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025122197 ~32:11/08/2025

2026/00913 ~ Complete ~54:SUBSTITUTED HETEROCYCLIC CARBOXAMINDES AND USE THEREOF ~71:Bayer Aktiengesellschaft, Kaiser-Wilhelm-Allee 1, LEVERKUSEN 51373, GERMANY, Germany ~72: BECKER-PELSTER, Eva Maria;BUCHGRABER, Philipp;DELBECK, Martina;DIETZ, Lisa;HAHN, Michael;HIMMEL, Herbert;LANG, Dieter;LINDNER, Niels;MEIBOM, Daniel;MÜLLER, Thomas;SCHMECK, Carsten;WUNDER, Frank~ 33:EP ~31:23200306.1 ~32:28/09/2023

2026/00917 ~ Complete ~54:SOLAR-CONTROL AND/OR LOW-EMISSIVITY GLAZING ~71:Saint-Gobain Glass France, Tour Saint-Gobain, 12 Place de l'Iris, COURBEVOIE 92400, FRANCE, France ~72: GUIMARD, Denis;LAMBERT, Charles-Henri~ 33:FR ~31:FR2308533 ~32:07/08/2023

2026/00923 ~ Complete ~54:COMPLEMENT PATHWAY INHIBITOR FUSIONS AND METHODS OF USING THE SAME ~71:KRIYA THERAPEUTICS, INC., 4105 Hopson Road, Morrisville, North Carolina, 27560, United States of America ~72: ANDREW MURPHY;MICHELE STONE;NACHIKETA GUPTA;QI YANG;RACHEL ECLOV;SPENCER KNIGHT~ 33:US ~31:63/513,425 ~32:13/07/2023;33:US ~31:63/617,671 ~32:04/01/2024;33:US ~31:63/641,276 ~32:01/05/2024

2026/00871 ~ Provisional ~54:ROSE AN ULTRA-REALISTIC, MULTI-PERSONA, AND MULTI-LINGUAL VIRTUAL EDUCATOR – A SENSORY-SUBSTITUTION PEDAGOGICAL SYSTEM FOR NON-VISUAL DIGITAL INTERACTION IMPLEMENTING SPATIAL-AUDITORY AND HAPTIC-TACTILE SYNTHESIS FOR NON-VISUAL LEARNING. ~71:Razaan Ogle, 69A Rotherfield Road, South Africa ~72: Razaan Ogle~ 33:ZA ~31:2026/00699 ~32:19/01/2026

2026/00873 ~ Provisional ~54:A SECURE STATION-BASED DIGITAL SERVICE SYSTEM FOR IDENTITY VERIFICATION, STRUCTURED DOCUMENT GENERATION, AND AUDITABLE WORKFLOW MANAGEMENT ~71:Ntsika Zweli Hadebe, 1 Valley Boulevard, South Africa ~72: Ntsika Zweli Hadebe~

2026/00870 ~ Provisional ~54:A SYSTEM AND METHOD FOR DIGITISED GOVERNANCE OF COLLECTIVE SAVINGS GROUPS ~71:Bonolo Mokhele, 119 Orchards 1, South Africa ~72: Bonolo Mokhele~

2026/00879 ~ Complete ~54:TARGET WALL FOR CONDUCTING A GAME USING A GAMING MULTICOPTER ~71:OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "LABORATORIA MIKROELEKTRONIKI "SMDUKA", VN.TER.G. MUNITSYPALNYJ OKRUG TEKSTILSHCHIKI, KV-L GRAYVORONOVO 90A, K. 5, KV. 26, MOSCOW, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2025122935 ~32:20/08/2025

2026/00882 ~ Complete ~54:MONITORING METHOD FOR BOLT LOOSENING AND RELATED APPARATUS ~71:Jiangmen Polytechnic, No.6 Chaolian Avenue, Pengjiang District, Jiangmen City, Guangdong Province, 529030, People's Republic of China ~72: CHEN, Fan;FANG, Rongcheng;SHEN, Fengmei;YI, Zichao;ZHOU, Xianjie~ 33:CN ~31:202511811974.2 ~32:03/12/2025

2026/00885 ~ Complete ~54:LARGE INTELLIGENT TRANSFORMER ~71:DOMAIN ELECTRIC GROUP NANJING CO., LTD., No. 6 Changgang Road, LiShui Economic Development Zone, Nanjing, Jiangsu, 211299, People's Republic of China ~72: HE, Li;HU, Junjie;LIAO, Xiaoyan;LIU, Bo;LIU, Sheng;LIU, Xianglong;SHEN, Panpan;YANG, Xiaoji~ 33:CN ~31:202511362688.2 ~32:23/09/2025

2026/00887 ~ Complete ~54:APPLICATION OF THE TACML4-D GENE AND ITS ENCODED PROTEIN IN ENHANCING WHEAT SALT TOLERANCE ~71:Shandong Agricultural University, No.61, Daizong Street, Taishan District, Tai’ an City, Shandong Province, 271018, People's Republic of China ~72: Chunjie ZHAO;Haixia YU;Jingchang WANG;Qiangbo LIU;Shizhe YAN;Xiansheng ZHANG;Xu ZHANG;Yinghua SU;Zhengzhou XIA~ 33:CN ~31:202610014508X ~32:07/01/2026

2026/00888 ~ Complete ~54:A PROJECTION APPARATUS ~71:LOMBARD, Quinton, 114 Kilburn street, Horison, Roodepoort, 1751, South Africa ~72: LOMBARD, Quinton~ 33:ZA ~31:2024/08372 ~32:06/11/2024

2026/00895 ~ Complete ~54:FLOOR-MOUNTED SHELF WITH HORIZONTAL SURFACE CLEANING DEVICE ~71:CHISTO I PROSTO LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI,, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025122201 ~32:11/08/2025

2026/00900 ~ Complete ~54:MOTORIZED BABY STROLLER ~71:UDOBNYE PROGULKI LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025123799 ~32:29/08/2025

2026/00905 ~ Complete ~54:MOTORIZED BABY STROLLER ~71:UDOBNYE PROGULKI LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025123798 ~32:29/08/2025

2026/00907 ~ Complete ~54:FLOOR-MOUNTED CLOSET WITH HORIZONTAL SURFACE CLEANING DEVICE ~71:CHISTO I PROSTO LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI,, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025122195 ~32:11/08/2025

2026/00912 ~ Complete ~54:METHOD AND APPARATUS FOR CLOSING A TUBULAR KNITTED ARTICLE AT ONE OF ITS AXIAL ENDS, AT THE END OF ITS PRODUCTION CYCLE ON A CIRCULAR KNITTING MACHINE

FOR HOSIERY OR THE LIKE ~71:Lonati S.p.A., Via Francesco Lonati, 3, BRESCIA 25124, ITALY, Italy ~72: LONATI, Ettore;LONATI, Fausto;LONATI, Francesco~ 33:IT ~31:102023000015648 ~32:26/07/2023

2026/00921 ~ Complete ~54:MITOCHONDRIA SPECIFIC TRANSCRIPTION INHIBITOR COMPOUNDS ~71:LUNELLA BIOTECH, INC., 145 Richmond Road, Ottawa, Ontario, K1Z 1A1, Canada ~72: FEDERICA SOTGIA;FILIPPO DIPISA;JUSSI KANGASMETSA;MICHAEL P LISANTI~ 33:US ~31:63/524,820 ~32:03/07/2023

2026/00876 ~ Complete ~54:GAMING SYSTEM FOR CONDUCTING A GAME USING A GAMING MULTICOPTER ~71:OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "LABORATORIA MIKROELEKTRONIKI "SMDUKA", VN.TER.G. MUNITSYPALNYJ OKRUG TEKSTILSHCHIKI, KV-L GRAYVORONOVO 90A, K. 5, KV. 26, MOSCOW, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2025122934 ~32:20/08/2025

2026/00901 ~ Complete ~54:CASSETTE WITH THE FUNCTION OF LAUNCHING GAMING PROJECTILES FOR A GAMING MULTICOPTER ~71:OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "LABORATORIA MIKROELEKTRONIKI "SMDUKA", VN.TER.G. MUNITSYPALNYJ OKRUG TEKSTILSHCHIKI, KV-L GRAYVORONOVO 90A, K. 5, KV. 26, MOSCOW, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2025122929 ~32:20/08/2025

2026/00906 ~ Complete ~54:MOTORIZED BABY STROLLER ~71:UDOBNYE PROGULKI LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025123800 ~32:29/08/2025

2026/00914 ~ Complete ~54:A KIT AND AN ASSAY FOR ANALYSING THE PRESENCE OF NEUTRALIZING ANTIBODY AGAINST SARS-COV-2 ~71:Indian Council of Medical Research, V. Ramalingaswami Bhawan, P.O. Box No. 4911, ANSARI NAGAR 110029, NEW DELHI, INDIA, India;PAL, Jagannath, Multidisciplinary Research Units (Mru), Pt. J.N.M. Medical College, Jail Rd, Opposite Central Jail, Moudhapara, CHHATTISGARH 492001 , RAIPUR, INDIA, India;Pt. Jawahar Lal Nehru Memorial Medical College, Office of Dean, Pt. J.N.M. Medical College, Jail Rd, Opposite Central Jail, Moudhapara, CHHATTISGARH 492001, RAIPUR, INDIA, India ~72: PAL, Jagannath;RAJPUT, Yogita~ 33:IN ~31:202321058370 ~32:31/08/2023

2026/00920 ~ Complete ~54:APPARATUS AND METHOD FOR USER PLANE FUNCTION (UPF) BASED PDU SET HANDLING DATA CHANNEL (PDC) OPERATION ~71:INTERDIGITAL PATENT HOLDINGS, INC., 200 Bellevue Parkway, Suite 300, Wilmington, Delaware, 19809, United States of America ~72: ACHREF METHENNI;KEVIN DI LALLO;MAGURAWALAGE CHATHURA MADHUSANKA SARATHCHANDRA;MICHAEL STARSINIC;MICHEL ROY;ROCCO DI GIROLAMO;SAMIR FERDI;SRINIVAS GUDUMASU;XAVIER DE FOY~ 33:US ~31:63/525,599 ~32:07/07/2023

2026/00877 ~ Complete ~54:SCENT DISTRIBUTION SYSTEM ~71:OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "TEKHNOLOGII AROMATIZATSII", VN.TER.G. MUNITSYPALNYJ OKRUG TEKSTILSHCHIKI,, KV-L GRAYVORONOVO 90A, K. 5, KV. 26, MOSCOW, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2025123974 ~32:31/08/2025

2026/00892 ~ Complete ~54:HORIZONTAL SURFACE CLEANING DEVICE ~71:CHISTO I PROSTO LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI,, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025122188 ~32:11/08/2025

2026/00897 ~ Complete ~54:STROLLER FRAME ~71:UDOBNYE PROGULKI LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025123792 ~32:29/08/2025

2026/00903 ~ Complete ~54:MOTORIZED BABY STROLLER ~71:UDOBNYE PROGULKI LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025123795 ~32:29/08/2025

2026/00908 ~ Complete ~54:FLOOR-MOUNTED CLOSET WITH HORIZONTAL SURFACE CLEANING DEVICE ~71:CHISTO I PROSTO LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI,, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025122194 ~32:11/08/2025

2026/00916 ~ Complete ~54:TORQUE TUBE COUPLER ~71:Array Tech, Inc., 3901 Midway Place NE, ALBUQUERQUE 87109, NM, USA, United States of America ~72: HOSTE, Graeme;JINKS, Robert;SCHUKNECHT, Nathan~ 33:US ~31:63/519,397 ~32:14/08/2023;33:US ~31:18/801,094 ~32:12/08/2024

2026/00924 ~ Complete ~54:PERIOCULAR DELIVERY OF AAV VECTORS FOR TREATING OPHTHALMIC PATHOLOGIES ~71:KRIYA THERAPEUTICS, INC., 4105 Hopson Road, Morrisville, North Carolina, 27560, United States of America ~72: ANDREW MURPHY;DIANA CEPEDA;MICHAEL ENGLES;MICHELE STONE;RACHEL ECLOV;RUTH CASTELLANOS;SHANKAR RAMASWAMY~ 33:US ~31:63/512,546 ~32:07/07/2023;33:US ~31:63/616,045 ~32:29/12/2023

2026/00872 ~ Provisional ~54:ENTROPY-BASED VISUAL DATA PROCESSING AND TRANSMISSION SYSTEM ~71:ZAKARIA TAWFIQ TAHER ALHAJ ALI, 875 tERMINAL ave, vancouver, bc, Canada ~72: ZAKARIA TAWFIQ TAHER ALHAJ ALI~

2026/00883 ~ Complete ~54:TORSION RESISTANT COUPLING ~71:VICTAULIC COMPANY, 4901 Kesslersville Road, Easton, United States of America ~72: ALBRIGHT, Christopher;FINLAYSON, Eric Frank~ 33:US ~31:63/448,363 ~32:27/02/2023;33:US ~31:63/448,364 ~32:27/02/2023;33:US ~31:63/448,366 ~32:27/02/2023;33:US ~31:63/600,392 ~32:17/11/2023;33:US ~31:63/600,400 ~32:17/11/2023

2026/00893 ~ Complete ~54:HORIZONTAL SURFACE CLEANING DEVICE ~71:CHISTO I PROSTO LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI,, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025122189 ~32:11/08/2025

2026/00898 ~ Complete ~54:MOTORIZED BABY STROLLER ~71:UDOBNYE PROGULKI LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025123794 ~32:29/08/2025

2026/00909 ~ Complete ~54:FLOOR-MOUNTED CLOSET WITH HORIZONTAL SURFACE CLEANING DEVICE ~71:CHISTO I PROSTO LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI,, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025122196 ~32:11/08/2025

2026/00911 ~ Complete ~54:PRE-TRAINED MACHINE LEARNING MODELS FOR REAL-TIME SPEECH FORM CONVERSION ~71:KRISP TECHNOLOGIES, INC., 2342 Shattuck Ave., #367, Berkeley, California, 94704, United States of America ~72: ALEKSANYAN, Hayk;BAGHDASARYAN, Daniel;GALOYAN, Levon;HAKOBYAN, Kajik;HAKOBYAN, Nairi;HASRATYAN, Ruben;HOVSEPYAN, Aris;KOBELYAN, Artur;SARGSYAN, Stepan;SHAHBAZYAN, Rima;TONOYAN, Tigran~ 33:US ~31:63/528,251 ~32:21/07/2023

2026/00918 ~ Complete ~54:CONTAINER CLOSURE ~71:Montfort Solutions GmbH, Bundesstraße 15, KOBLACH 6842, AUSTRIA, Austria ~72: SCHMID, Martin~ 33:DE ~31:10 2023 117 703.6 ~32:05/07/2023

2026/00922 ~ Complete ~54:METHODS OF TREATING A RAS RELATED DISEASE OR DISORDER ~71:REVOLUTION MEDICINES, INC., 700 Saginaw Drive, Redwood City, California, 94063, United States of America ~72: BENJAMIN MALDONATO;JINGJING JIANG;MALLIKA SINGH;STEPHANIE S CHANG;W. CLAY GUSTAFSON;ZEENA SALMAN;ZHENGPING WANG~ 33:US ~31:63/526,781 ~32:14/07/2023;33:US ~31:63/618,731 ~32:08/01/2024

2026/00867 ~ Provisional ~54:A SYSTEM ARCHITECTURE FOR CONVERTING INFORMAL ECONOMIC CONTRIBUTION INTO STRUCTURED ECONOMIC PARTICIPATION WITHOUT FORMALISATION ~71:George Smith, 11 Vorster Place, South Africa ~72: George Smith~

2026/00868 ~ Provisional ~54:SYSTEM AND METHOD FOR INTERACTION COHERENCE–BASED NAVIGATION AND SIGNALABSTRACTION ACROSS DIGITAL ENVIRONMENTS ~71:Mohale Kitso Mpesi, Mohale Mpesi, South Africa ~72: Mohale Kitso Mpesi~

2026/00880 ~ Complete ~54:SCENT DISTRIBUTION DEVICE ~71:OBSHCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "TEKHNOLOGII AROMATIZATSII", VN.TER.G. MUNITSYPALNYJ OKRUG TEKSTILSHCHIKI,, KV-L GRAYVORONOVO 90A, K. 5, KV. 26, MOSCOW, 109518, Russian Federation ~72: LYALYUK Dmitriy Mikhailovich;SKVORTSOVA Tatiana Viktorovna~ 33:RU ~31:2025123979 ~32:31/08/2025

2026/00886 ~ Complete ~54:ELECTROMECHANICAL INTEGRATED MONITORING DEVICE FOR ROBOT FAULT EARLY WARNING IN AN INTELLIGENT MANUFACTURING WORKSHOP ~71:Kunming Metallurgy College, No. 63 Ningbo Road, Anning City, Kunming City, Yunnan Province, 650300, People's Republic of China ~72: Wenbo Pu;Xinyu Hao;Zhongbo Hao~

2026/00890 ~ Complete ~54:FLOOR-MOUNTED SHELF WITH HORIZONTAL SURFACE CLEANING DEVICE ~71:CHISTO I PROSTO LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI,, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025122199 ~32:11/08/2025

2026/00904 ~ Complete ~54:MOTORIZED BABY STROLLER ~71:UDOBNYE PROGULKI LIMITED LIABILITY COMPANY, VN.TER.G. MUNITSYPALNYJ OKRUG SAVELKI, G ZELENOGRAD, UL YUNOSTI, D. 8, POMESHCH. 1/4, MOSCOW, 124536, Russian Federation ~72: MAREEVA Margarita Vladimirovna~ 33:RU ~31:2025123797 ~32:29/08/2025

2026/00915 ~ Complete ~54:SOLAR-CONTROL AND/OR LOW-EMISSIVITY GLAZING ~71:Saint-Gobain Glass France, Tour Saint-Gobain, 12 Place de l'Iris, COURBEVOIE 92400, FRANCE, France ~72: GUIMARD, Denis;LAMBERT, Charles-Henri~ 33:FR ~31:2308534 ~32:07/08/2023

2026/00919 ~ Complete ~54:A PERSONAL CARE COMPOSITION BASED ON CARBOXYMETHYL CYSTEINE COMPOUND AND ROSMARINIC ACID OR SALT AND ESTER THEREOF ~71:UNILEVER GLOBAL IP LIMITED, Port Sunlight, Wirral, Merseyside, CH62 4ZD, United Kingdom ~72: HONG ZHANG;XUE XIAO;XUELAN GU~ 33:CN ~31:PCT/CN2023/103653 ~32:29/06/2023;33:EP ~31:23189626.7 ~32:04/08/2023

2026/00925 ~ Complete ~54:NEUTRALIZING HUMAN MONOCLONAL ANTIBODIES AGAINST P. AERUGINOSA ~71:UNIVERSITÄT ZU KÖLN, Albertus-Magnus-Platz , 50923, Köln, Germany ~72: ALEXANDER SIMONIS;CHRISTOPH KREER;FLORIAN KLEIN;JAN RYBNIKER~ 33:EP ~31:23182149.7 ~32:28/06/2023

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

Application Number	Assignor	Assignee
2014/02085	SYMAP HOLDING LIMITED	SYMAP MEDICAL (SUZHOU) LTD.
2008/08708	GATEKEEPER MAINTENANCE CC	GATESHOX (PTY) LTD
2013/04728	MILLENIUM PHARMACEUTICALS, INC.	TAKEDA PHARMACEUTICAL COMPANY LIMITED
2023/11765	BUNGE LODERS CROKLAAN B.V., BUNGE FINLAND OY; and WALTER RAU LEBENSMITTELWERKE GMBH	BUNGE SA
2010/09177	MILLENIUM PHARMACEUTICALS, INC.	TAKEDA PHARMACEUTICAL COMPANY LIMITED
2009/08704	GATEKEEPER MAINTENANCE CC	GATESHOX (PTY) LTD
2015/04133	MILLENIUM PHARMACEUTICALS, INC.	TAKEDA PHARMACEUTICAL COMPANY
2010/00348	MILLENIUM PHARMACEUTICALS, INC.	TAKEDA PHARMACEUTICAL COMPANY
2018/02785	GENERAL ELECTRIC COMPANY	GE INTELLECTUAL PROPERTY LICENSING, LLC
2021/04008	Q32 BIO INC.	AKEBIA THERAPEUTICS, INC.
2017/04056	ESSENTIALS, INC.	SOLENO THERAPEUTICS, INC.
2023/00362	SCOPGENX PRIVATE LIMITED	REVOLTEQ TECHNOLOGIES PRIVATE LIMITED
2022/13763	SCOPGENX PRIVATE LIMITED	REVOLTEQ TECHNOLOGIES PRIVATE LIMITED
2023/00864	ANJARIUM BIOSCIENCES AG	NATIONAL RESILIENCE, LLC
2023/08866	ESSERCO S.R.L.	ENARTIS S.R.L.
2012/00584	NOCICEPTA LLC	TONIX PHARMACEUTICALS HOLDING CORP.
2012/00584	TONIX PHARMACEUTICALS HOLDING CORP.	TONIX PHARMA LIMITED
2021/08300	INVENTAGE LAB INC.	VIRBAC S.A.
2024/05558	SHANGHAI HENGRUI PHARMACEUTICAL CO. LTD. JIANGSU HENGRUI PHARMACEUTICALS CO., LTD	HANGSU HENGRUI PHARMACEUTICALS CO., LTD
2014/05204	ESTEVE PHARMACEUTICALS, S.A.	CORPORACION QUIMICO-FARMACEUTICA ESTEVE, S.A.
2020/00040	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	VOLKSWAGEN AG
2023/09728	ERYPHARM	SAFI BIOTHERAPEUTICS, INC.
2021/02879	ASTELLAS PHARMA INC.	TENSEGRITY PHARMA, INC.
2024/05559	SHANGHAI HENGRUI PHARMACEUTICAL CO. LTD. JIANGSU HENGRUI PHARMACEUTICALS CO., LTD	JIANGSU HENGRUI PHARMACEUTICALS., LTD

Application Number	Assignor	Assignee
2021/00175	MTEK HOLDINGS, INC.	TRITON MGO PRODUCTS, LLC
2020/05717	ANJ PHARMACEUTICALS INC.	SERLEVA, INC.
2017/06308	PATERSON & COOKIE IDEAS, LTD.	MINEXXT, INC.
2018/08539	PATERSON & COOKIE IDEAS, LTD.	MINEXXT, INC.
2021/02239	UROVANT SCIENCES GMBH	SUMITOMO PHARMA CO., LTD.
2025/06512	BRUNO ALEXANDER GANTENBRINK	AURIC BARRELS D.O.O.
2021/05765	UROVANT SCIENCES GMBH	SUMITOMO PHARMA CO., LTD.
2020/00028	UROVANT SCIENCES GMBH	SUMITOMO PHARMA CO., LTD.
2023/08671	SLEIPNER FINLAND OY	SLEIPNER GROUP OY
2020/06205	BEONE MEDICINES LTD	BEONE MEDICINES I GMBH
2024/06901	VACREST PTY LTD	STRATALOCK PTY LTD
2024/01670	BEONE MEDICINES LTD.	BEONE MEDICINES I GMBH
2016/00610	SLEIPNER FINLAND OY	SLEIPNER GROUP OY
2014/06803	SLEIPNER FINLAND OY	SLEIPNER GROUP OY
2023/06891	SHANDONG BUSINESS INSTITUTE and SHANDONG CHENLANG BIOTECHNOLOGY CO., LTD	YANTAI HUAYI BIOTECHNOLOGY CO., LTD.
2023/05996	SCOPGENX PRIVATE LIMITED	ATRIVIOM PRIVATE LIMITED
2025/01546	SLEIPNER FINLAND OY	SLEIPNER GROUP OY
2023/04385	SLEIPNER FINLAND OY	SLEIPNER GROUP OY
2021/05801	AZELIO AB	ENERGYINTEL SERVICES LTD
2023/04613	AZELIO AB	ENERGYINTEL SERVICES LTD
2023/04548	AZELIO AB	ENERGYINTEL SERVICES LTD
2021/03428	AZELIO AB	ENERGYINTEL SERVICES LTD
2018/03515	LYNDRA THERAPEUTICS, INC.	ISP ACQUISITION COMPANY, INC.
2024/07197	LYNDRA THERAPEUTICS, INC.	ISP ACQUISITION COMPANY, INC.
2022/12090	THERAPIM PTY LTD	APIM THERAPEUTICS AS
2022/12090	THERAPIM PTY LTD	APIM THERAPEUTICS AS
2025/08232	PRZYCHODZEN, BARTLOMIEJ	VANDA PHARMACEUTICALS INC.
2022/09068	PALATIN TECHNOLOGIES, INC.	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2025/06416	KINGSTON PROCESS METALLURGY INC.	15009197 CANADA INC.
2016/02315	OTSUKA PHARMACEUTICAL CO., LTD.	TAIHO PHARMACEUTICAL CO., LTD.
2010/02178	OTSUKA PHARMACEUTICAL CO., LTD.	TAIHO PHARMACEUTICAL CO., LTD.
2021/06190	HEMISPHERIAN AS	TETRAGON BIOSCIENCES LTD.
2021/06190	HEMISPHERIAN AS	TETRAGON BIOSCIENCES LTD.
2025/06416	KINGSTON PROCESS METALLURGY INC.	15009197 CANADA INC.
2016/04831	ANJARIUM BIOSCIENCES AG	NATIONAL RESILIENCE, LLC
2023/01498	OTSUKA PHARMACEUTICAL CO., LTD.	TAIHO PHARMACEU
2023/01498	OTSUKA PHARMACEUTICAL	TAIHO PHARMACEUTICAL CO., LTD.
2011/04694	NEX SERVICES LIMITED	CME OPERATIONS LIMITED

Application Number	Assignor	Assignee
2025/01041	SHANGHAI SHIQU PHARMACEUTICAL TECHNOLOGY CO., LTD.	INTELLIGEM THERAPEUTICS AUSTRALIA PTY LTD
2022/13545	KAERUSBIOSCIENCE LIMITED	LES LABORATOIRES SERVIER
2024/09290	TANGSHAN UNIVERSITY	HUAZHI ELECTRIC TECHNOLOGY (BEIJING) CO., LTD.
2026/00352	MU KEYUAN	AFFILIATED HOSPITAL OF YULIN HEALTH SCHOOL OF GUANGXI
2025/10883	BENNETTO, PETER, GEOFFREY	IMPERIAL LOGISTICS SOUTH AFRICA GROUP (PTY) LTD
2018/00687	DSM IP ASSETS B.V.	NOVONESIS ANIMAL BIOSOLUTIONS AG
2021/01018	DSM IP ASSETS B.V.	NOVONESIS ANIMAL BIOSOLUTIONS AG

CHANGE OF NAME IN TERMS OF REGULATION 39

Application Number	In the name of	New name
2918/02785	GE INTELLECTUAL PROPERTY LICENSING, LLC	DOLBY INTELLECTUAL PROPERTY LICENSING, LLC
2020/04845	DEPARTMENT OF ENVIRONMENTAL AFFAIRS, GOVERNMENT OF SOUTH AFRICA	DEPARTMENT OF ENVIRONMENT, FORESTRY AND FISHERIES, GOVERNMENT OF THE REPUBLIC OF SOUTH AFRICA
2018/02785	GE INTELLECTUAL PROPERTY LICENSING, LLC	DOLBY INTELLECTUAL PROPERTY LICENSING, LLC
2021/02987	COLORANTS INTERNATIONAL AG (LTD)	HEUBACH HOLDING SWITZERLAND AG
2021/02987	HEUBACH HOLDING SWITZERLAND AG	SUDARSHAN SWITZERLAND HLD1 AG
2018/07596	RSR TECHNOLOGIES, INC.	ECOBAT SOLUTIONS, INC.
2018/07596	ECOBAT SOLUTIONS, INC.	ECOBAT SOLUTIONS, LLC
2021/03592	MITSUBISHI TANABE PHARMA CORPORATION	TANABE PHARMA CORPORATION
2009/07060	BERG THERAPEUTICS, LLC	BERG PHARMA LLC
2009/07060	BERG PHARMA LLC	BERG LLC
2020/06205	BEIGEENE, LTD.	BEONE MEDICINES LTD.
2024/01670	BEIGENE LTD.	BEONE MEDICINES LTD.
2024/01670	BEONE MEDICINES LTD.	BEONE MEDICINES I GMBH
2023/08163	GRIMME LANDMASCHINENFABRIK GMBH & CO, KG	GRIMME LANDMASCHINENFABRIK SE & CO. KG.
2023/03583	GRIMME LANDMASCHINENFABRIK GMBH & CO, KG	GRIMME LANDMASCHINENFABRIK SE & CO. KG.
2022/08643	GRIMME LANDMASCHINENFABRIK GMBH & CO, KG	GRIMME LANDMASCHINENFABRIK SE & CO. KG.

Application Number	In the name of	New name
2021/03346	GRIMME LANDMASCHINENFABRIK GMBH & CO, KG	GRIMME LANDMASCHINENFABRIK SE & CO. KG.
2014/09537	GRIMME LANDMASCHINENFABRIK GMBH & CO, KG	GRIMME LANDMASCHINENFABRIK SE & CO. KG.
2022/12096	GRIMME LANDMASCHINENFABRIK GMBH & CO, KG	GRIMME LANDMASCHINENFABRIK SE & CO. KG.
2023/00555	GRIMME LANDMASCHINENFABRIK GMBH & CO, KG	GRIMME LANDMASCHINENFABRIK SE & CO. KG.
2021/02993	GRIMME LANDMASCHINENFABRIK GMBH & CO, KG	GRIMME LANDMASCHINENFABRIK SE & CO. KG.
2025/11032	GRIMME LANDMASCHINENFABRIK GMBH & CO, KG	GRIMME LANDMASCHINENFABRIK SE & CO. KG.
2021/02839	GRIMME LANDMASCHINENFABRIK GMBH & CO, KG	GRIMME LANDMASCHINENFABRIK SE & CO. KG.
2025/08130	CELLULAR LONGEVITY, INC.	LOYAL ANIMAL HEALTH, INC.
2018/03515	ISP ACQUISITION COMPANY, INC.	NORTIVA BIO, INC.
2024/07197	ISP ACQUISITION COMPANY, INC.	NORTIVA BIO, INC.
2019/02715	SAMI LABS LIMITED	SAMI-SABINSA GROUP LIMITED
2020/06708	SAMI LABS LIMITED	SAMI-SABINSA GROUP LIMITED
2020/04532	SAMI LABS LIMITED	SAMI-SABINSA GROUP LIMITED
2019/00501	SAMI LABS LIMITED	SAMI-SABINSA GROUP LIMITED
2020/07348	SAMI LABS LIMITED	SAMI-SABINSA GROUP LIMITED
2017/06503	SAMI LABS LIMITED	SAMI-SABINSA GROUP LIMITED
2020/07819	SAMI LABS LIMITED	SAMI-SABINSA GROUP LIMITED
2019/07676	SAMI LABS LIMITED	SAMI-SABINSA GROUP LIMITED
2020/04531	SAMI LABS LIMITED	SAMI-SABINSA GROUP LIMITED
2019/02715	SAMI LABS LIMITED	SAMI-SABINSA GROUP LIMITED
2026/00312	SANOFI PASTEUR INC.	SANOFI VACCINES US INC.
2011/04694	INTERCAPITAL MANAGEMENT SERVICES NO. 2 LIMITED	NEX SERVICES LIMITED
2024/08766	IKENA ONCOLOGY, INC.	IMAGENEBIO, INC.

PATENT LICENSES IN TERMS OF SECTION 60-REGULATIONS 58-60 AND 64

Application Number	Licensor	Licensee
2020/06540	SAMI LABS LIMITED	SAMI-SABINSA GROUP LIMITED

PATENT APPLICATIONS ABANDONED OR WITHDRAWN

No records available

APPLICATION FOR RESTORATION OF A LAPSED PATENT

THE PATENTS ACT, No. 57 OF 1978

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

Notice is hereby given that **ELIAZ THERAPEUTICS INC,** whose address for service is **SPOOR & FISHER, CENTURION** has applied to the registrar for the restoration of Patent No **2022/11118** entitled **TREATMENT OF VIRAL INFECTION BY APHERESIS** dated **12/09/2021**, which lapsed on **12/09/2024** 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 **AMGEN INC** whose address for service is **ADAMS & ADAMS, HATFIELD** has applied to the registrar for the restoration of Patent No **2020/01695** entitled **PROCESS CONTROL SYSTEMS AND METHODS FOR USE WITH FILTERS AND FILTRATION PROCESSE** dated **13/05/2015**, which lapsed on **31/08/2022** owing to the non-payment of the prescribed renewal fee.

Any person may oppose the restoration of the patent by lodging form P19 within two months of the date of this advertisement.

Notice is hereby given that **Symrise AG and Johnson & Johnson Consumer Inc.** whose address for service is **ADAMS & ADAMS, HATFIELD** has applied to the registrar for the restoration of Patent No **2019/08094** entitled **NOVEL FRAGRANCE COMPOSITIONS AND PRODUCTS WITH MOOD ENHANCING EFFECTS** dated **25/04/2018**, which lapsed on **26/04/2022** owing to the non-payment of the prescribed renewal fee.

Any person may oppose the restoration of the patent by lodging form P19 within two months of the date of this advertisement.

THE PATENTS ACT, No. 57 OF 1978

VOLUNTARY SURRENDER OF A PATENT UNDER SECTION 64 (1), REGULATION 67 OF THE ACT

No records available

APPLICATIONS TO AMEND SPECIFICATION

THE PATENTS ACT, 1978

APPLICATIONS TO AMEND SPECIFICATION

Applicant: CATERPILLAR INC. of **100 N.E. ADAMS STREET, PEORIA, ILLINOIS, 61629-9510, UNITED STATES OF AMERICA**. Request permission to amend the specification of letters patent no: **2024/06228** of **14 AUGUST 2024** for **LOW PRESSURE GEAR PUMP.**

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

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

Registrar of Patents

Applicant: Amgen Inc. One Amgen Center Drive, THOUSAND OAKS 91320-1799, CA, USA. Permission to amend the specification of letters patent no: **2024/07596** of **07/10/2024** for **CANCERTREATMENTS USING MTA-COOPERATIVE PRMT5 INHIBITORS**.

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

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

Registrar of Patents

Applicant: NEC Corporation 7-1, Shiba 5-chome, Minato-ku, TOKYO 1088001, JAPAN Permission to amend the specification of letters patent no: **2021/10869** of **23/12/2021** for **NETWORK NODE, METHOD FOR A NETWORK NODE, USER EQUIPMENT AND METHOD FOR USER EQUIPMENT FOR NETWORK SLICE USAGE CONTROL.**

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

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

Registrar of Patents

Applicant: JENSEN, Eugene 14 BURGER STREET, WELLINGTON 7654, SOUTH AFRICA PEEK, Johannes, Samuel PORTION 2, MOUNTAIN REST, PAARL 7620, SOUTH AFRICA. Permission to amend the specification of letters patent no: **2022/11684** of **26/10/2022** for **INSULATING HOLDER AND METHOD FOR TRANSPORTING BEVERAGES.**

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

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

Registrar of Patents

Applicant: 5 Celix Trading CC 3 PARI WAY, WALMER, GQEBERHA, 6070. Permission to amend the specification of letters patent no: **2023/08814** of **18/09/2023** for **MULTIPLE POSITION ROASTING GRILL**.

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

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

Registrar of Patents

Applicant: PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA 2050 W 190TH STREET SUITE 450, TORRANCE, CA 90504, USA. Permission to amend the specification of letters patent no: **2023/08899** of **20/09/2023** for **ENCODING DEVICE, DECODING DEVICE, ENCODING METHOD, AND DECODING METHOD.**

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

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

Registrar of Patents

Applicant: GILEAD SCIENCES, INC. 333 Lakeside Drive, Foster City 94404 California. Permission to amend the specification of letters patent no: **2023/06360** of **19/06/2023** for **SUBSTITUTED PYRIDOTRIAZINE COMPOUNDS AND USES THEREOF.**

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

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

Registrar of Patents

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: 2018/07514. 22: 2018/11/08. 43: 2025/11/27
51: B01J
71: HALDOR TOPSØE A/S
72: SPETH, CHRISTIAN HENRIK
33: DK 31: PA 2016 00366 32: 2016-06-21
54: AXIAL/RADIAL FLOW CONVERTER
00: -

In a cooled axial/radial flow converter, in which process gas passes from an outer annulus via a catalyst bed to an inner centre tube, the catalyst bed is divided into identical modules stacked on top of each other. The process gas reaches the catalyst through openings facing the outer annulus, passes axially down the catalyst bed of each module, leaves the module through collectors in the bottom thereof, and flows to the centre tube. The catalyst bed is cooled by cooling panels, in which the process gas is pre-heated to the reaction temperature, while at the same time the heat of reaction is partly removed from the catalyst bed. The converter is especially suitable as ammonia converter.

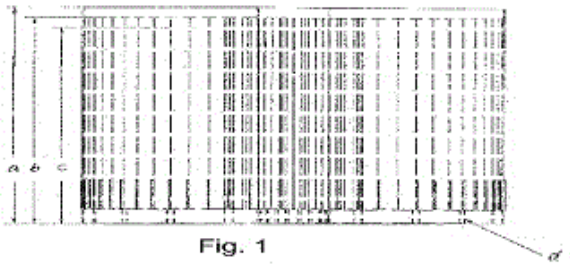


Fig. 1

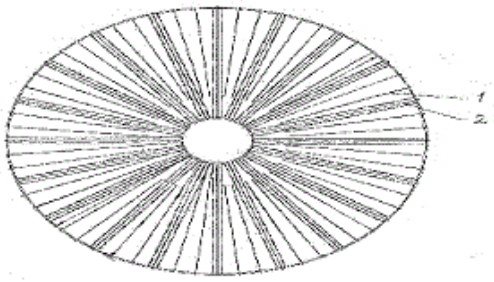


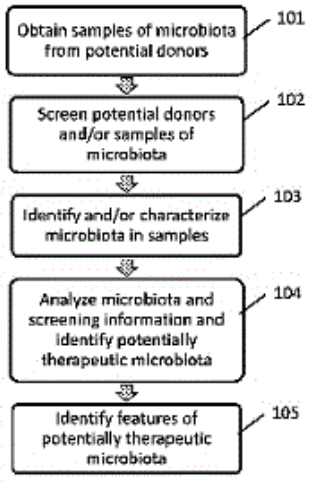
Fig. 2

21: 2019/07135. 22: 2019/10/29. 43: 2025/11/17
51: A61K; C07K; A61P; A61N
71: MERCK PATENT GMBH, PFIZER INC.
72: ZIMMERMANN, ASTRID, DAMSTRUP, LARS, PROKEIN, ANNE-KATHRIN, SCHROEDER, ANDREAS
33: EP 31: 17204926.4 32: 2017-12-01
33: EP 31: 17163837.2 32: 2017-03-30
54: COMBINATION OF AN ANTI-PD-L1 ANTIBODY AND A DNA-PK INHIBITOR FOR THE TREATMENT OF CANCER
00: -

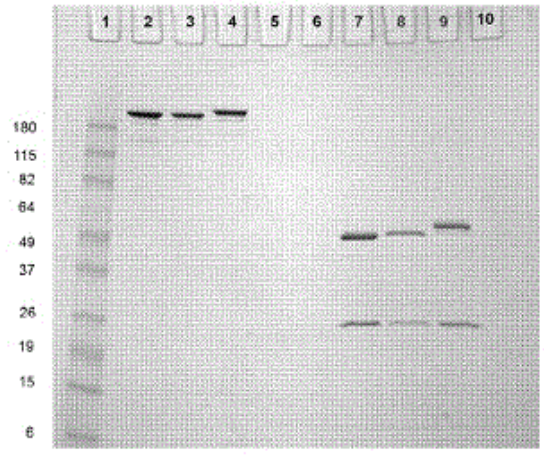
The present invention relates to combination therapies useful for the treatment of cancer. In particular, the invention relates to a therapeutic

combination which comprises an anti-PD-L antibody and a DNA-PK inhibitor, optionally together with one or more additional chemotherapeutic agents or radiotherapy. The therapeutic combination is particularly intended for use in treating a subject having a cancer that tests positive for PD-L1 expression.

21: 2019/07466. 22: 2019/11/11. 43: 2025/11/27
51: A61K; A61P
71: ANIMAL MICROBIOME ANALYTICS, INC.
72: GANZ, HOLLY H, GOODMAN, KARI R, MARTIN, ALEXANDRA
33: US 31: 62/511,860 32: 2017-05-26
54: PRODUCTS AND METHODS FOR THERAPEUTIC ADMINISTRATION OF MICROORGANISMS TO NON-HUMAN ANIMALS
00: -
Embodiments of the invention encompass identification and characterization of microbiota having potential or demonstrated therapeutic effects for certain conditions in certain non-human animals. In some embodiments, the identification and characterization of microbiota may include identifying and characterizing the microbiota of potential donors, characterizing the potential donors, and identifying potentially therapeutic microbiota based on analysis of such data from multiple individuals. In some embodiments, the identification and characterization of microbiota may include testing, that is, administering microbiota of potential donors to animals suffering from a disease or condition, documenting any therapeutic response, and optionally identifying and characterizing the microbiota of recipients before and after treatment, and optionally identifying demonstrated therapeutic microbiota. Embodiments of the invention encompass compositions comprising the microbiota, including solid oral compositions, methods of making these compositions, and methods of treatment of non-human animals suffering from various diseases and conditions with these compositions.

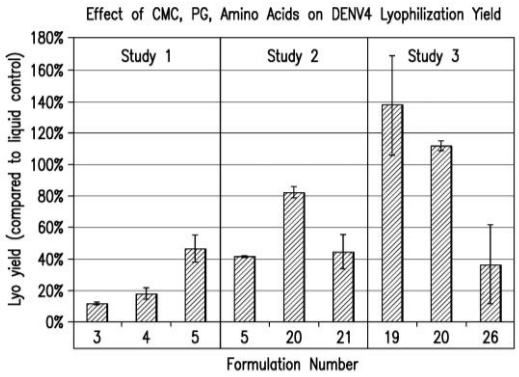


21: 2019/07599. 22: 2019/11/15. 43: 2025/11/27
51: C07C; A61K; A61P
71: REGENERON PHARMACEUTICALS, INC.
72: HAN, AMY, MURPHY, ANDREW J, OLSON, WILLIAM
33: US 31: 62/508,327 32: 2017-05-18
54: BIS-OCTAHYDROPHENANTHRENE CARBOXAMIDES AND PROTEIN CONJUGATES THEREOF
00: -
Provided herein are compounds, compositions and methods for the treatment of diseases and disorders associated with the liver X receptor, including bis-octahydrophenanthrene carboxamides and protein (e.g., antibody) drug conjugates thereof.

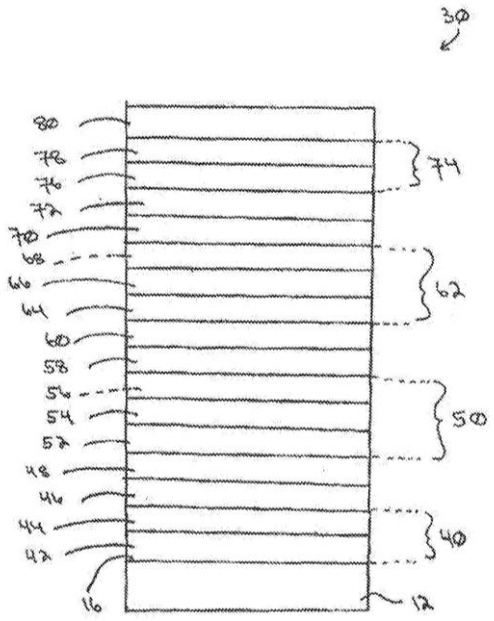


21: 2020/02999. 22: 2020/05/21. 43: 2025/11/10
51: A61K
71: Merck Sharp & Dohme LLC

72: RYAN, Michael S., MARTIN, Sherrie-Ann P., JONES, Morrisa, STANBRO, Justin, BHAMBHANI, Akhilesh, BLUE, Jeffrey Thomas, PIXLEY, Heidi Joanne, GREEN-TREXLER, Erin J., ISOPI, Lynne Ann
33: US 31: 62/595,842 32: 2017-12-07
54: FORMULATIONS OF DENGUE VIRUS VACCINE COMPOSITIONS
00: -
The present invention relates to formulations of dengue virus vaccine comprising at least one live attenuated dengue virus or live attenuated chimeric flavivirus, a buffer, a sugar, a cellulose derivative, a glycol or sugar alcohol, optionally an alkali or alkaline salt and an amino acid; and formulations of dengue virus vaccine comprising at least one live attenuated dengue virus or live attenuated chimeric flavivirus, a buffer, a sugar of at least 150 mg/ml, a carrier, and optionally an alkali or alkaline salt and an amino acid.



21: 2020/04112. 22: 2020/07/06. 43: 2025/11/03
51: C03C
71: Vitro Flat Glass LLC
72: THIEL, James P., WAGNER, Andrew V., POLCYN, Adam D., O'SHAUGHNESSY, Dennis J., MEDWICK, Paul A., BUHAY, Harry, BENIGNI, Jeffrey A., ANTHONY, Donald
33: US 31: 62/611,644 32: 2017-12-29
54: SOLAR CONTROL COATINGS AND METHODS OF FORMING SOLAR CONTROL COATINGS
00: -
A coated article includes a substrate and a coating applied over at least a portion of the substrate. The coating includes at least one metallic layer formed from one or more silver compounds doped with at least one metal selected from Groups 3 to 15 of the periodic table of the chemical of elements. Also disclosed are capsules that can absorb electromagnetic energy as well as a process of forming an antimony-doped tin oxide coating layer.



21: 2020/05766. 22: 2020/09/17. 43: 2026/01/05
51: B01J
71: Vortex Innovation Worx (Pty) Ltd
72: Chris SHAW
33: ZA 31: 2019/04564 32: 2019-07-12
54: PACKAGING ARRANGEMENT
00: -
The invention discloses a packaging arrangement, which includes a desiccant or any other suitable desiccant material and in which the packaging arrangement has a format where the full front face of the packaging arrangement is a membrane and the full back face of the packaging arrangement is non-breathable film. The back of the arrangement is coated with an adhesive that, when exposed by removing the backing sheet, allows for the bag to be affixed to a vertical surface.

21: 2020/06013. 22: 2020/09/29. 43: 2025/11/10
51: F16J; F28D; F28F
71: Lummus Technology LLC
72: JIBB, Richard, JAYE, Trevor, BOEKHOUDER, Henk, GROPPI, Robert, BRIGNONE, Vincenzo Marco, EBERLY, Randy, CREECH, David, MEACHAM, Elizabeth
33: US 31: 62/645,662 32: 2018-03-20

54: HEAT EXCHANGER CLOSURE ASSEMBLIES AND METHODS OF USING AND INSTALLING THE SAME

00: -

A heat exchanger assembly including an elongated tubular heat exchanger enclosure defining an interior chamber. A tube sheet is positioned within the interior chamber of the heat exchanger enclosure separating the interior chamber into a shell side and a channel side. The interior portion is configured to removably receive a tube bundle positioned within the shell side of the interior chamber. An annular sleeve member is positioned within the channel side of the interior chamber of the heat exchanger enclosure. An annular elastic torsion member is positioned within the channel side of the interior chamber of the heat exchanger such that the sleeve member is positioned between the tube sheet and the elastic torsion member. The elastic torsion member has an inner circumference deflectable relative to its outer circumference for torsioning the elastic torsion member.

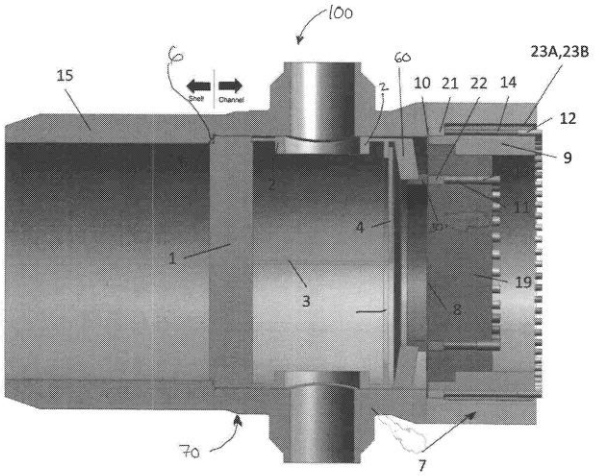


FIGURE 1B

21: 2020/06448. 22: 2020/10/16. 43: 2025/11/17
51: A61K; A61P
71: KOMIPHARM INTERNATIONAL AUSTRALIA PTY LTD, PANAPHIX INC.
72: YANG, YONG-JIN
33: AU 31: 2018900954 32: 2018-03-22

54: PHARMACEUTICAL COMPOSITION COMPRISING META ARSENITE AND METHOD OF MANUFACTURE

00: -

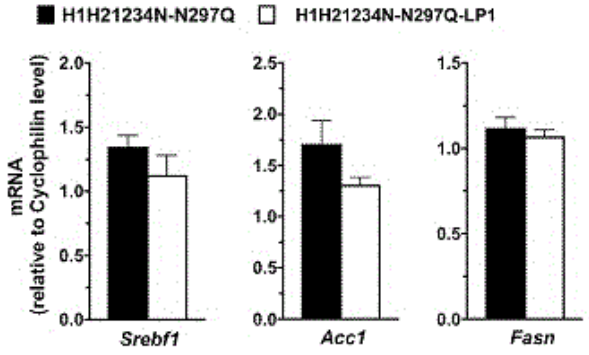
The present application relates to pharmaceutical compositions comprising a salt of arsenous acid, such as sodium meta arsenite or potassium meta arsenite, and methods of manufacturing the pharmaceutical compositions.

21: 2020/06481. 22: 2020/10/19. 43: 2025/11/17
51: C07K; A61K
71: REGENERON PHARMACEUTICALS, INC.
72: KYRATSOUS, CHRISTOS, NITTOLI, THOMAS, ZUMSTEG, ANNA, GROMADA, JESPER, GUSAROVA, VIKTORIA, HAN, AMY, HAXHINASTO, SOKOL, MURPHY, ANDREW J, OLSON, WILLIAM, SLEEMAN, MATTHEW
33: US 31: 62/769,946 32: 2018-11-20
33: US 31: 62/821,362 32: 2019-03-20
33: US 31: 62/669,276 32: 2018-05-09
33: US 31: 62/789,987 32: 2019-01-08
33: US 31: 62/678,200 32: 2018-05-30

54: ANTI-MSR1 ANTIBODIES AND METHODS OF USE THEREOF

00: -

Provided herein are antibodies and antigen-binding fragments that bind MSR1 and methods of use thereof. According to certain embodiments, the antibodies bind human MSR1 with high affinity. In certain embodiments, the antibodies bind MSR1 without blocking, or blocking less than 90%, of modified LDL binding to MSR1. In some embodiments, the antibodies bind cell surface expressed-MSR1 and are internalized. The antibodies of the invention may be fully human antibodies. The invention includes anti-MSR1 antibodies, or antigen-binding fragments thereof, conjugated to drugs or therapeutic compounds.



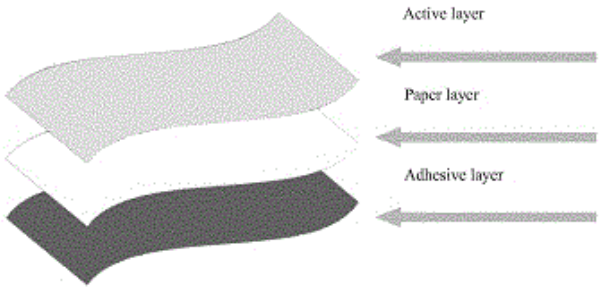
21: 2020/06482. 22: 2020/10/19. 43: 2025/11/17
51: A01N
71: FRESH INSET S.A.

72: WOLAN, ANDRZEJ, BOSIAK, MARIUSZ, PAKULSKI, MARCIN, CZAJKOWSKA, LUCYNA, GURANOWSKA, KATARZYNA ANNA, RADLOWSKA, ROKSANA KATARZYNA
33: PL 31: P.425414 32: 2018-04-27
33: PL 31: P.425413 32: 2018-04-27
33: PL 31: P.425415 32: 2018-04-27

54: COMPOSITIONS AND ARTICLES COMPRISING COMPLEXES OF 1-METHYLCYCLOPROPRENE AND ALPHA-CYCLODEXTRIN

00: -

Compositions comprising complexes of 1-methylcyclopropene and α-cyclodextrin, and articles including the composition, are provided. Methods for using the compositions and articles in delaying the maturation of fruits, vegetables, and plants are also provided.

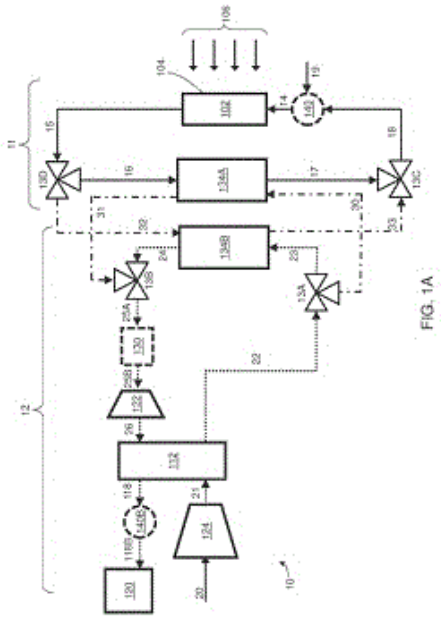


21: 2020/06533. 22: 2020/10/21. 43: 2025/11/17
51: F24J
71: 247SOLAR INC.
72: ANDERSON, BRUCE, TREECE, WILLIAM DEAN
33: US 31: 61/613,947 32: 2012-03-21
33: US 31: 61/613,954 32: 2012-03-21
33: US 31: 61/613,950 32: 2012-03-21
33: US 31: 61/613,948 32: 2012-03-21

54: MULTI-THERMAL STORAGE UNIT SYSTEMS, FLUID FLOW CONTROL DEVICES, AND LOW PRESSURE SOLAR RECEIVERS FOR SOLAR POWER SYSTEMS, AND RELATED COMPONENTS AND USES THEREOF

00: -

Inventive concentrated solar power systems using solar receivers, and related devices and methods, are generally described.

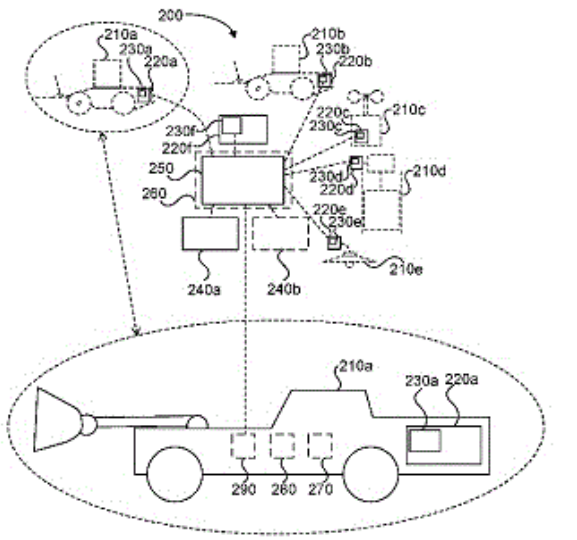


21: 2020/06587. 22: 2020/10/22. 43: 2025/11/17
51: H02J; E21F; B60L
71: EPIROC ROCK DRILLS AKTIEBOLAG
72: LINDKVIST, ANDERS, SVENSSON, MARTIN, SVEDLUND, ERIK
33: SE 31: 1850847-3 32: 2018-07-04

54: BATTERY CHARGE MANAGEMENT OF MINING MACHINES

00: -

The present disclosure relates to a system (200), method, control unit and computer program product for battery charge management of one or more battery operated mining machines (210a, 210b). The system for battery charge management comprises one or more batteries (220a-f), at least one battery management systems, BMSs (230a-f), arranged to gather battery data representative of an operating state of a respective battery, one or more battery chargers (240a-b), and a battery charge control unit (250). Each battery is configured for use in a respective battery operated mining machine configured to operate in a predetermined mining cycle and each BMS is configured to provide the battery data to the battery charge control unit. The battery charge control unit is configured to generate at least one charge model based on the battery data and to schedule charging of respective batteries of the one or more batteries via the one or more battery chargers based on the at least one charge model.



21: 2020/06678. 22: 2020/10/27. 43: 2025/11/10
51: G01N
71: Amgen Inc.
72: PEARSON, Thomas Clark, CHAVALI, Neelima, FRADKIN, Dmitry, MILNE, Graham F., FREUND, Erwin
33: US 31: 62/650,554 32: 2018-03-30
54: CAMERA-BASED DRUG CONTAINER INSPECTION
00: -
An inspection system for a drug container is provided to identify foreign matter, such as particles or fibers, within the drug container prior to filling with a drug. The system includes a camera device aligned with an axis of the drug container and captures a series of images of an interior surface of a sidewall of the drug container while the robot causes relative movement between the drug container and the camera device along a linear path. Atypical lighting, which improves contrast between particles and the background in images is employed to aid detection. A control circuit then processes the series of images to identify foreign matter within the drug container.

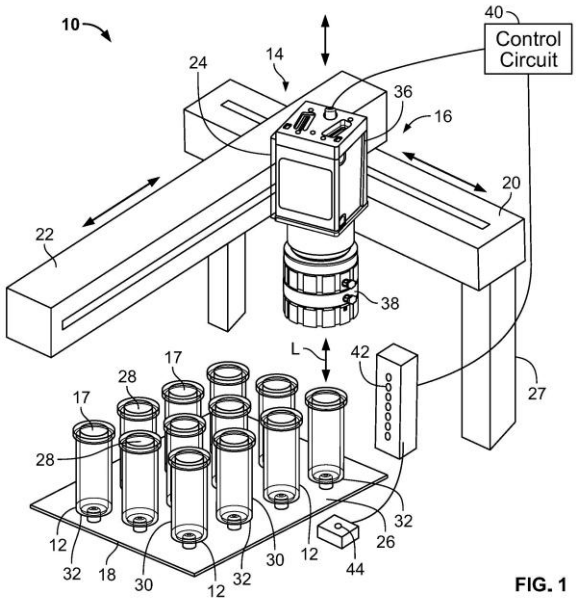


FIG. 1

21: 2020/06962. 22: 2020/11/09. 43: 2025/11/27
51: C05G; C05D
71: LUCENT BIOSCIENCES, INC.
72: BRANDA, NEIL ROBIN, NOURMOHAMMADIAN, FARAHNAZ, GROSS, PETER
33: US 31: 62/673,691 32: 2018-05-18
33: US 31: 62/771,801 32: 2018-11-27
54: COMPOSITIONS, SYSTEMS AND METHODS FOR DELIVERY OF AN ELEMENT IN RESPONSE TO BIOLOGICAL DEMAND
00: -
The invention provides compositions and systems comprising a carrier and an element. The carrier is a network of polymers insoluble in water comprising phenolic hydroxyl moieties, aliphatic hydroxyl moieties or a combination thereof. An association between the carrier and the element is labile in response to biological demand and the lability of the association in the presence of wate is less than the lability of the association in response to biological demand. Also provided are methods of making such compositions and methods for delivering the element to an organism.

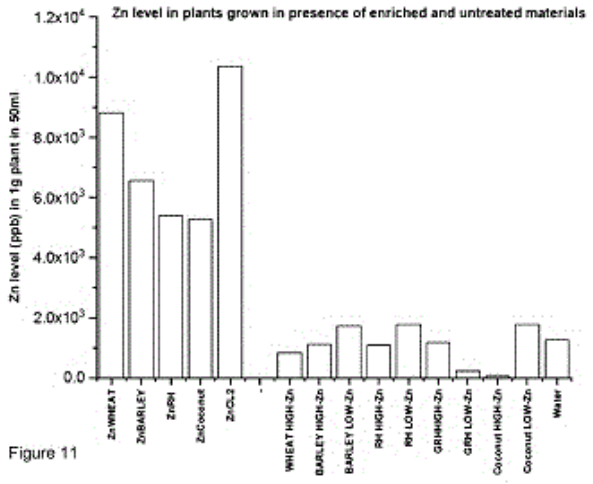


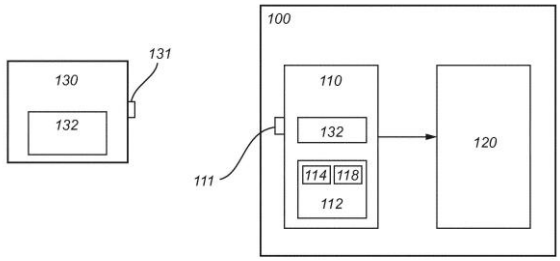
Figure 11

21: 2020/07541. 22: 2020/12/03. 43: 2025/11/10
51: A61K; A61P; C07D
71: Albireo AB
72: LUNDQVIST, Robert, YMÉN, Ingvar, BOHLIN, Martin, BYRÖD, Eva, GILLBERG, Per-Göran, TIVERT, Anna-Maria, BRYLAND, Rikard, DAHLQUIST, Ann-Charlotte, ELVERSSON, Jessica, GUSTAFSSON, Nils Ove
33: SE 31: 1850762-4 32: 2018-06-20
33: SE 31: 1850761-6 32: 2018-06-20
54: CRYSTAL MODIFICATIONS OF ODEVIXIBAT
00: -
The present invention relates to crystal modifications of 1,1-dioxo-3,3-dibutyl-5-phenyl-7- methylthio-8-(N-{(R)-a-[N-((S)-1-carboxypropyl)carbamoyl]-4-hydroxybenzyl}carbamoylmethoxy)- 2,3,4,5-tetrahydro-1,2,5-benzothiadiazepine (odevixibat), more specifically crystal modifications and 2 of odevixibat. The invention also relates toa process for the preparation of crystal modification 1 of odevixibat, toa pharmaceutical composition comprising crystal modification 1, and to the use of this crystal modification in the treatment of various conditionsas described herein.

21: 2021/04428. 22: 2021/06/25. 43: 2025/11/07
51: H04N
71: Huawei Technologies Co., Ltd.
72: FILIPPOV, Alexey Konstantinovich, RUFITSKIY, Vasily Alexeevich, CHEN, Jianle
33: US 31: 62/784,319 32: 2018-12-21
54: METHOD AND APPARATUS OF INTERPOLATION FILTERING FOR PREDICTIVE CODING
00: -
The present disclosure relates to intra- or inter-prediction for video encoding and decoding. For that purpose, an apparatus and methods obtain a reference sample and a subpixel offset value. A subpixel 4-tap interpolation filter is used to filter the reference sample to obtain a predicted sample value. The filter coefficients c_0, c_1, c_2, and c_3 of the subpixel 4-tap interpolation filter satisfy formula (I) with *p* being a fractional part of the value of subpixel offset.

$$c_0 = 16 - \frac{p}{2},\ c_1 = 16 + 16 - \frac{p}{2},\ c_2 = 16 + \frac{p}{2},\ \text{and}\ c_3 = \frac{p}{2} \qquad (I)$$

21: 2021/04463. 22: 2021/06/28. 43: 2025/11/04
51: E02F; E21B
71: Sandvik Mining and Construction G.m.b.H.
72: BURGSTEINER, Uwe, LAMMER, Christopher
54: A MINING MACHINE ADAPTED FOR EXTRACTING MATERIAL FROM A DEPOSIT, AND METHOD FOR CONTROL THEREOF
00: -
The present disclosure relates to a mining machine (100) adapted for extraction of material from a deposit and a method for controlling operation of such a mining machine. According to an embodiment, the mining machine comprises a data handling unit (110) and a control unit (120). The data handling unit is adapted to receive, from an external storage medium (130), a data file (132) representative of a user-defined cutting path (114), and to send, to the control unit, data (112) corresponding to a cutting path selected among the user-defined cutting path and one or more machine-predefined cutting paths (118). The control unit is configured to control operation of the mining machine using an automatic cutting cycle in accordance with the selected cutting path corresponding to the data received from the data handling unit.



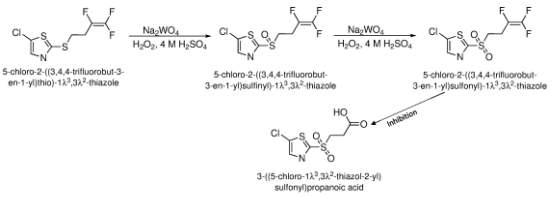
21: 2021/08162. 22: 2021/10/22. 43: 2025/11/17
51: A61P; A61K
71: UNILEVER GLOBAL IP LIMITED

72: APPAVOO, SHANTHI, DASGUPTA, ANINDYA, MAJUMDAR, AMITABHA, MALLEMALA, PRATHYUSHA, SALGAONKAR, NEHA
33: EP 31: 19174808.6 32: 2019-05-16
54: USE OF A SUGAR OR SUGAR ALCOHOL
00: -
The present invention relates to use of a sugar or a sugar alcohol eg. glycerol for protection of skin against harmful bacteria. The present invention is especially useful in formulating compositions which act as prebiotics by skin commensal bacteria like*S. epidermidis*to produce metabolites like lactic acid which by way of the present invention has been shown to inhibit growth of harmful bacteria like*E. Coll*and*S.*Aureus. The present invention is advantageous in that there is no need to use conventional antimicrobial actives which may destroy the skin microbiome.

21: 2021/08270. 22: 2021/10/26. 43: 2025/11/17
51: C07C; C07D; A61P; A61K
71: NIKANG THERAPEUTICS, INC.
72: FU, JIPING, LOU, YAN, HE, YIGANG
33: US 31: 62/946,191 32: 2019-12-10
33: US 31: 62/836,019 32: 2019-04-18
54: TETRAHYDRO-1H-CYCLOPENTA[CD]INDENE DERIVATIVES AS HYPOXIA INDUCIBLE FACTOR-2(ALPHA) INHIBITORS
00: -
The present disclosure provides certain tetrahydro-lH-cyclopenta[cd]indene compounds that are Hypoxia Inducible Factor 2α (HIF-2α) inhibitors and are therefore useful for the treatment of diseases treatable by inhibition of HIF-2α. Also provided are pharmaceutical compositions containing such compounds and processes for preparing such compounds.

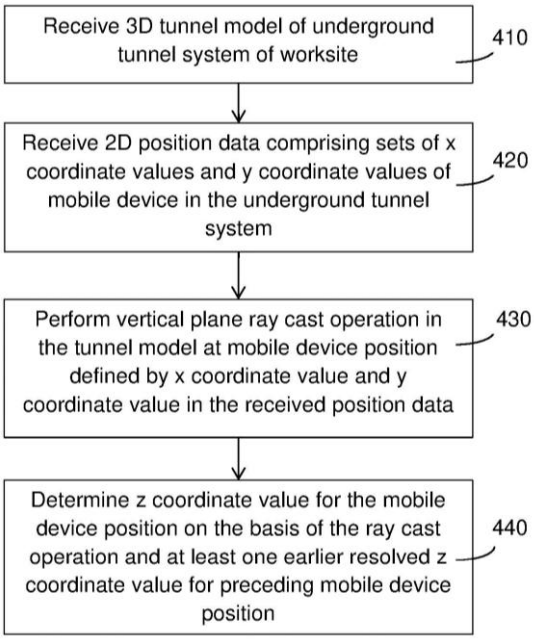
21: 2021/08422. 22: 2021/10/29. 43: 2025/11/17
51: A61K; C07K
71: Tusk Therapeutics Ltd, Cancer Research Technology Limited
72: GOUBIER, Anne, GOYENECHEA CORZO, Beatriz, SALIMU, Josephine, MOULDER, Kevin, MERCHIERS, Pascal, BROWN, Mark, GEOGHEGAN, James, PRINZ, Bianka, QUEZADA, Sergio
33: US 31: 62/642,248 32: 2018-03-13
33: US 31: 62/642,218 32: 2018-03-13
33: US 31: 62/642,232 32: 2018-03-13
33: US 31: 62/642,243 32: 2018-03-13
33: GB 31: 1804027.9 32: 2018-03-13
33: GB 31: 1804028.7 32: 2018-03-13
33: US 31: 62/642,230 32: 2018-03-13
33: PCT/EP(GB) 31: 2018/056312 32: 2018-03-13
33: GB 31: 1804029.5 32: 2018-03-13
54: ANTI-CD25 FOR TUMOUR SPECIFIC CELL DEPLETION
00: -
The present disclosure provides antibody sequences found in antibodies that bind to human CD25, in particular an anti CD25- a-686 antibody which do not block the binding of CD25 to IL-2 or IL-2 signalling. The claimed antibody binds to the epitopes: NSSHSSWDNQCQCTS (70 to 84) on CD25 Antibodies and antigen- binding portions thereof including such sequences can be used in pharmaceutical compositions and methods of treatment, in particular for treating cancer.

21: 2022/01559. 22: 2022/02/04. 43: 2025/11/12
51: C07D
71: YEDA RESEARCH AND DEVELOPMENT CO. LTD.
72: NEUMANN, Ronny, KHENKIN, Alexander
33: US 31: 62/882,541 32: 2019-08-04
54: PROCESS FOR THE PREPARATION OF FLUENSULFONE
00: -
This invention is directed to a method of oxidation of 5-chloro-2-((3,4,4-trifluorobut-3- en- 1-yl)thio)-lλ3,3λ2-thiazole and analogs thereof to the corresponding sulfone, using an oxidant and a metal oxide-based catalyst.



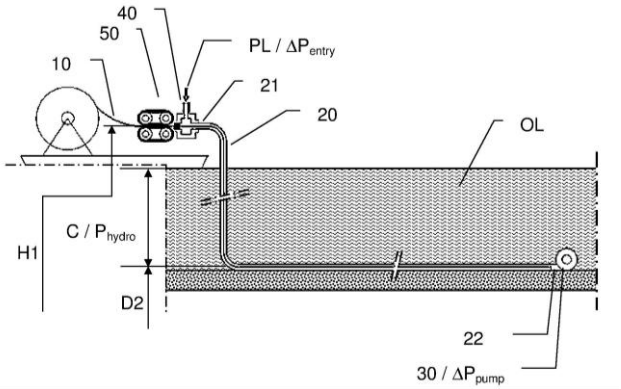
21: 2022/01565. 22: 2022/02/04. 43: 2025/11/06
51: E21F; G05D
71: Sandvik Mining and Construction Oy
72: MARTIKAINEN, Pekka
33: EP(FI) 31: 19198779.1 32: 2019-09-20
54: POSITIONING OF MOBILE DEVICE IN UNDERGROUND WORKSITE
00: -
According to an example aspect of the present invention, there is provided a method, comprising: receiving a three-dimensional tunnel model (410) of

an underground tunnel system of a worksite, receiving two-dimensional position data (420) comprising sets of x coordinate values and y coordinate values of a mobile device in the underground tunnel system, performing a vertical plane ray cast operation (430) in the tunnel model at a mobile device position defined by an x coordinate value and an y coordinate value in the received position data, and determining a z coordinate value (440) for the mobile device position on the basis of the ray cast operation and at least one earlier resolved z coordinate value for a preceding mobile device position.



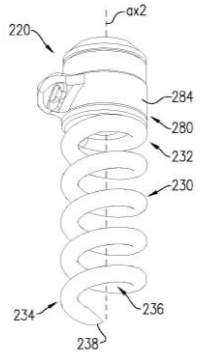
21: 2022/03570. 22: 2022/03/28. 43: 2025/11/06
51: G02B; H02G
71: Plumettaz Holding SA
72: GRIFFIOEN, Willem
33: CH 31: 01264/19 32: 2019-10-04
54: INTRODUCING AN ELONGATED ELEMENT INTO A SUBMARINE DUCT
00: -

Method for installing an elongated element (10), in a submarine duct (20), the submarine duct (20) having an entry port (21) and an exit port (22) located in outer liquid (OL) at a second depth, the method comprising the steps of: - introducing the elongated element (10) into the entry port (21), - introducing propelling liquid (PL) into the entry port (21), characterized in that the method comprises a step of sucking propelling liquid (PL) out of the exit port (22) of the duct (20) with an immerged suction pump (30) being operated at a predetermined suction pressure drop (ΔP_{pump}) of propelling liquid (PL) so that the predetermined suction pressure drop (ΔP_{pump}) applied to propelling liquid (PL) is smaller than a hydrostatic pressure (P_{hydro}) of the outer liquid (OL) at the second depth.



21: 2022/04672. 22: 2022/04/26. 43: 2025/11/06
51: A61B; A61F
71: Edwards Lifesciences Innovation (Israel) Ltd.
72: KASHER, Yuval, GALON, Aviv, PEER, Amit, COHEN, Or, BRAUON, Haim, SHEPS, Tal, SHARON, Assaf, TENNENBAUM, Gad, HERMAN, Yaron, SHOHAM, Tomer, BENSHAHAR, Tal, HALABI, Ido, PLUT, Roman
33: US 31: 62/927,624 32: 2019-10-29
54: ANNULOPLASTY AND TISSUE ANCHOR TECHNOLOGIES
00: -
A system and/or an apparatus includes a wire (212), and first and second anchors(620). Each of the first and second anchor can be configured to include (i) a tissue-engaging element (230) having a sharpened distal tip, and configured to be driven into tissue of a subject; and (ii) a head (680) coupled to a proximal end of the tissue-engaging element. The head can

include a driver interface (282), configured to be reversibly engaged by an anchor driver (260), and an opening, such as an eyelet (640) defining an aperture (646), through which the wire is threaded. Other applications are also described.



21: 2022/04858. 22: 2022/05/03. 43: 2025/11/06
51: C07C; C11B; C11D
71: Firmenich SA
72: HERRMANN, Andreas, TRACHSEL, Alain
33: EP(CH) 31: 19218158.4 32: 2019-12-19
54: COMPOUNDS FOR PROVIDING A LONG-LASTING FLORAL AND FRUITY ODOR
00: -
The present invention relates to the field of perfumery. The present invention relates to compounds of formula (I) that are able to provide a long-lasting or substantive odor, in particular floral and/or fruity odor, to the environment. Moreover, the present invention relates to a method of imparting a long-lasting odor, in particular a fresh green, floral and/or fruity odor, to surfaces, such as hard surfaces, fabric, skin or hair. Furthermore, the present invention relates to the use of said compounds in perfumery, as well as the perfuming compositions or perfumed articles comprising the invention's compounds.

21: 2022/05109. 22: 2022/05/09. 43: 2025/11/06
51: E02F
71: Sandvik Mining and Construction Oy
72: MIKKOLA, Jussi
33: EP(FI) 31: 19217326.8 32: 2019-12-18
54: WEAR PART, BUCKET AND METHOD
00: -
A wear part (1), a bucket (2) and a method. The wear part (1) comprises a forward edge (3) for intruding in a material to be handled by the bucket (2), an engagement portion (4) for engaging with an engagement edge (5) of the bucket (2), a first side (6) and a second side (7) connecting the forward edge (3) to the engagement portion (4), a bottom face (8), and an upper face (9). At least one of said first side (6) and second side (7) comprises a first tongue-and-groove fixing element (10) for contacting a second tongue-and-groove fixing element (11) arranged in an adjacent wear part and for completing a tongue-and-groove joint between said two wear parts (1).

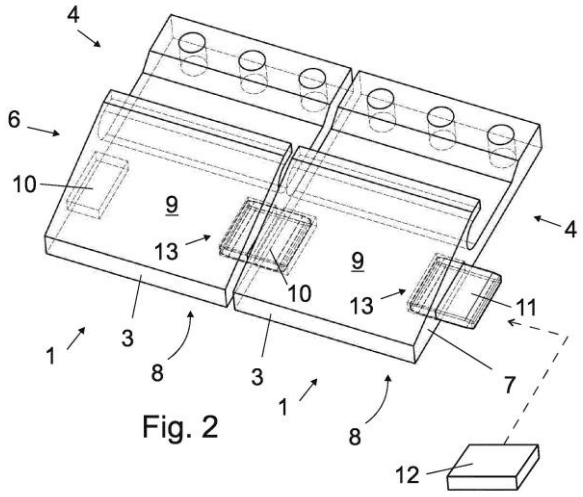
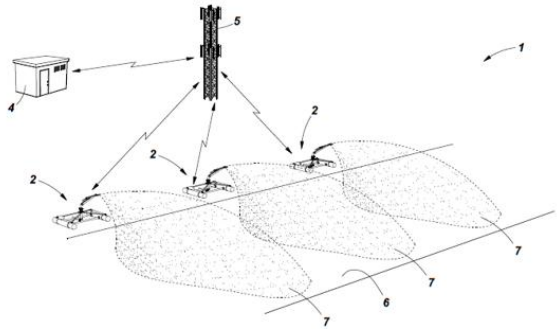


Fig. 2

21: 2022/07773. 22: 2022/07/13. 43: 2023/02/03
51: B05B; G05B
71: DUSTCOM (PTY) LTD
72: MOLEBOGENG SILAS MPHAHLELE
33: ZA 31: 2021/04901 32: 2021-07-13
54: MANAGEMENT SYSTEM AND METHOD
00: -
This invention relates to management system and method and more particularly, but not exclusively, a management system and method for managing dust in a mining and/or construction environment. The management system comprises a control station for selectively activating or deactivating any number of sprinklers spaced apart at a mine working, farm or construction site. Each sprinkler is connected to a fluid supply through a fluid distribution network. The fluid may be water or a dust suppressant. Each sprinkler includes a controller to control the sprinkler and a detection means for detecting dust levels around the sprinkler. If the dust levels are above a predetermined threshold, the dust suppressant fluid is expelled by the sprinkler.



21: 2022/08281. 22: 2022/07/25. 43: 2025/10/31
51: B01D; C02F
71: Smith & Loveless Inc.
72: DEJU, Lilunnahar, KELLY, John K., ZUZELSKI, Alexander P., MRKVICKA, Rodney S.
33: US 31: 63/028,343 32: 2020-05-21
54: CIRCULAR PARALLEL PLATE GRIT REMOVER
00: -
A grit removal unit including a cylindrical grit removal chamber above a grit storage chamber, with an opening to the grit storage chamber through the grit removal chamber bottom. At least one layer plate is an inverted truncated cone around the center axis which is spaced from the grit removal chamber vertical wall to allow fluid flow therebetween. Concentric inverted truncated cone lamella plates are supported in the grit removal chamber above the layered plates, with the lamella plates radially spaced from one another relative to the center axis. An influent opening in the grit removal chamber vertical wall below the layered plates allows fluid and grit into the grit removal chamber, and an effluent opening in the grit removal chamber vertical wall above the lamella plates allows fluid to exit the grit removal chamber.

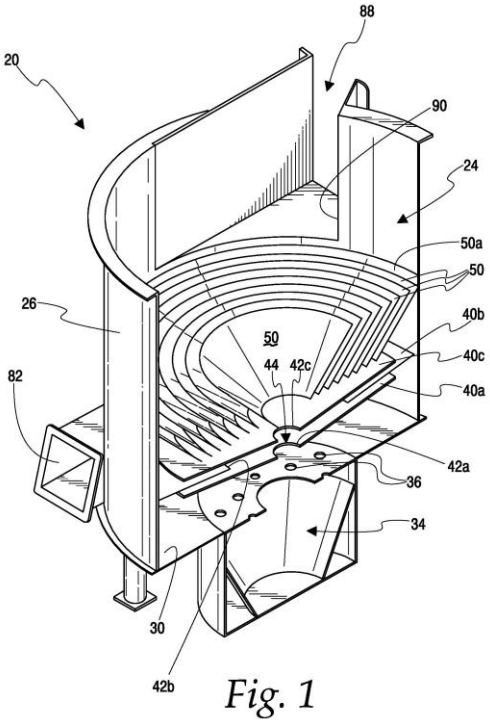
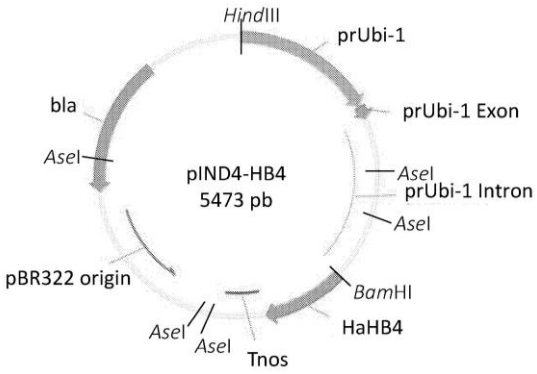


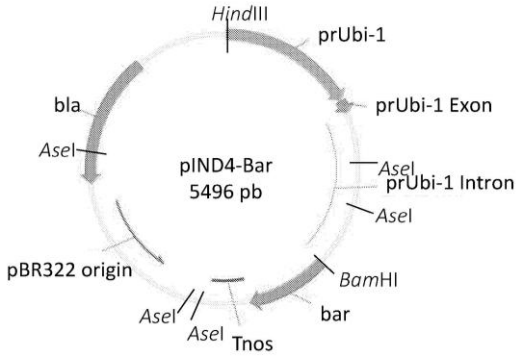
Fig. 1

21: 2022/08284. 22: 2022/07/25. 43: 2025/10/29
51: A01N; A01P
71: UPL Limited
72: WAGH, Pradip Dattatray, SHIRSAT, Rajan Ramakant, SARKAR, Prasun
33: IN 31: 201921053997 32: 2019-12-26
54: SUPER ABSORBENT POLYMER AND A PESTICIDE
00: -
The present invention relates to a stable composition comprising super absorbent polymer and a bioactive agent. The present invention also relates to a method of coating seeds with said compositions and method of controlling weeds with said compositions.

21: 2022/08286. 22: 2022/07/25. 43: 2025/10/31
51: A01G; C07K; C12N
71: Bioceres LLC
72: MIRANDA, Patricia, VÁZQUEZ, Martin, DEZAR, Carlos, AYALA, Francisco, WATSON, Gerónimo
54: WHEAT TRANSGENIC EVENT IND-ØØ412-7
00: -
The present invention refers to a wheat plant, seed or part of it comprising event IND-ØØ412-7, a commodity product resulting from the seed, a recombinant DNA molecule comprised in event IND-ØØ412-7, DNA primers and probes useful for detecting event IND-ØØ412-7, DNA detection kit,

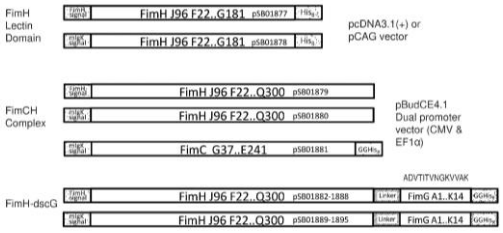
method for producing a wheat plant tolerant to abiotic stresses and method for detecting the presence of DNA belonging to wheat event IND-ØØ412-7 in a sample.





21: 2022/08287. 22: 2022/07/25. 43: 2025/10/30
51: C07K
71: Pfizer Inc.
72: DONALD, Robert G. K., PAN, Rosalind
33: US 31: 62/980,433 32: 2020-02-23
54: ESCHERICHIA COLI COMPOSITIONS AND METHODS THEREOF
00: -

This invention provides a polypeptide derived from *E. coli* or a fragment thereof, including compositions and methods thereof. In one embodiment, the compositions comprise a polypeptide derived from *E. coli* or a fragment thereof; and modified O-polysaccharide molecules derived from *E. coli* lipopolysaccharides or conjugates thereof. In a further aspect, the compositions further comprise modified O-polysaccharide molecules derived from *Klebsiella pneumoniae* or conjugates thereof.



21: 2022/08473. 22: 2022/07/28. 43: 2025/11/04
51: E01F; E04H
71: Fletcher Building Holdings Limited
72: RYDER, Emerson Patrick James, LEWIS, Daniel Charles
33: NZ 31: 761715 32: 2020-02-13
54: IMPACT DEVICE
00: -
Described herein is an impact device that may be slidably coupled to a wire rope barrier terminal end and, in the event of an impact on or about the terminal end by a vehicle, the impact device is configured to slide or advance along the terminal end wire rope(s) towards a wire rope barrier end and away from a terminal end anchor position. In a further embodiment, a method is described of retrofitting existing wire-rope barrier terminal ends with the device. The impact device may simultaneously (at least to some extent) absorb

kinetic energy from the impact as well as redirect the direction of impact along the terminal end wire rope(s) towards, and optionally along, the wire rope barrier itself depending on the extent of impact. The sliding action also knocks over any posts in the direction of errant vehicle travel in an impact.

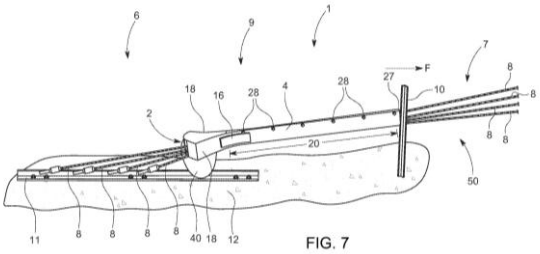
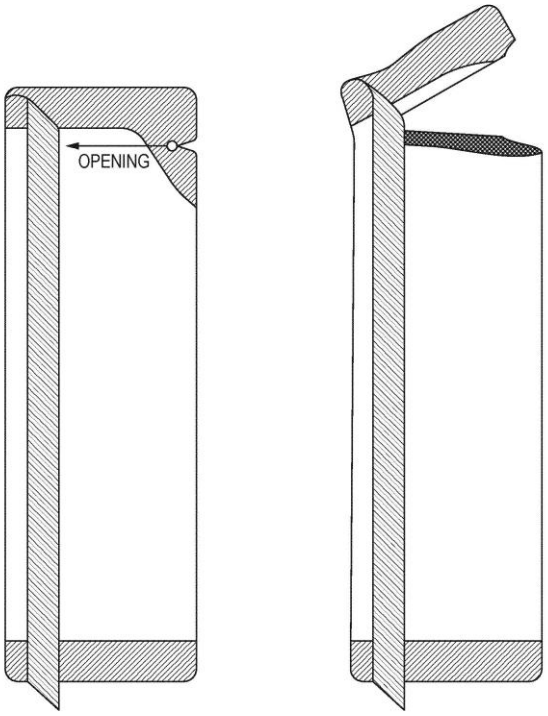


FIG. 7

21: 2022/08811. 22: 2022/08/05. 43: 2025/11/13
51: B65D
71: Société des Produits Nestlé S.A.
72: WYSER, Yves Roger, CHEVET-DOUELLE, Fanny Claire Emmanuelle
33: EP(CH) 31: 20151961.8 32: 2020-01-15
54: TEAR-OPEN POUCH THAT STAYS IN ONE PIECE AFTER OPENING
00: -
The present invention relates generally to the field avoiding the disposal of small pieces of packaging material into the environment. In particular, the present invention relates to flexible pouches. Proposed are flexible tear-open pouches that after opening stay in one piece. This avoids that the small torn-off pieces of packaging are disposed into the environment after opening. Embodiments of the present invention relate to a flexible pouch that is sealed with seals and on the back of the pouch with a finseal, and that comprises a tear starting point that is located essentially opposite of the finseal.



21: 2022/09825. 22: 2022/09/02. 43: 2025/12/05
51: A61K; C07K; A61P
71: JIANGSU HENGRUI PHARMACEUTICALS CO., LTD., SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.
72: LIANG, Zhi, LIN, Wenfeng, SHI, Ruijun, LIU, Xun
33: CN 31: 202010219311.2 32: 2020-03-25
33: CN 31: 202110297397.5 32: 2021-03-19
54: PREPARATION METHOD FOR ANTIBODY MEDICAMENT CONJUGATE
00: -
Disclosed is a preparation method for an antibody medicament conjugate, comprising steps for synthesizing and purifying same.

21: 2022/09925. 22: 2022/09/06. 43: 2025/12/05
51: A61K; A61P
71: GENZYME CORPORATION
72: FINN, Patrick, AN HAACK, Kristina, WILSON, Catherine
33: US 31: 62/971,930 32: 2020-02-08
33: US 31: 63/115,975 32: 2020-11-19
54: COMPOSITIONS AND METHODS FOR TREATING POMPE DISEASE
00: -
The present application provides methods of treating Pompe disease such as infantile- onset Pompe disease (IOPD) using a pharmaceutical composition

comprising an oligosaccharide-acid a-glucosidase (GAA) conjugate, such as avalglucosidase alfa. Also provided are formulations of the oligosaccharide-GAA conjugates.

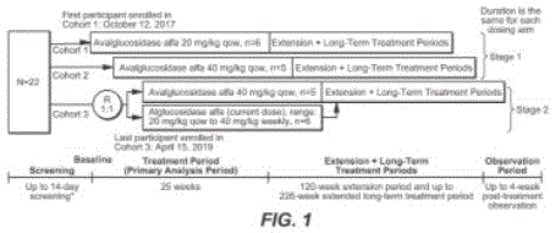


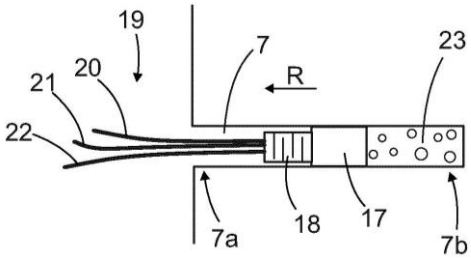
FIG. 1

21: 2022/10986. 22: 2022/10/06. 43: 2025/11/06
51: E21D
71: Sandvik Mining and Construction Lyon SAS, Sandvik Mining and Construction Oy
72: COMBE, Christel, METZGER, Matthieu, DÉMIA, Laurent
33: EP(FR) 31: 20171119.9 32: 2020-04-23

54: APPARATUS FOR RESIN INJECTION, MINING MACHINE AND METHOD

00: -

An apparatus for injecting grouting material, mining machine and method of reinforcing rock surfaces by means of grouting material. The apparatus (11) comprises an injector head (17) provided with a mixing device (18) which are both insertable into a drilled hole (7). The apparatus is for feeding resin mixtures (23a, 23b) with two different setting times. The injector head is connected to a fluid inlet arrangement (19) comprising a common first feed line for slow and fast resin base components (A1, A2) and a second feed line for resin catalyst (B).

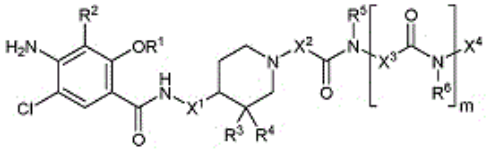


21: 2022/11412. 22: 2022/10/18. 43: 2025/11/07
51: C07D; A61P; A61K
71: TAKEDA PHARMACEUTICAL COMPANY LIMITED
72: GIBSON, TONY S, SWANN, STEVE
33: US 31: 63/019,829 32: 2020-05-04

54: LUMINALLY-ACTING N-(PIPERIDIN-4-YL)BENZAMIDE DERIVATIVES

00: -

Disclosed are compounds of Formula 1, and pharmaceutically acceptable salts thereof, wherein m, R^1, R^2, R^3, R^4, R^5, R^6, X^1, X^2, X^3 and X^4 are defined in the specification. This disclosure also relates to materials and methods for preparing compounds of Formula 1, to pharmaceutical compositions which contain them, and to their use for treating diseases, disorders, and conditions associated with the 5-HT_4 receptor.



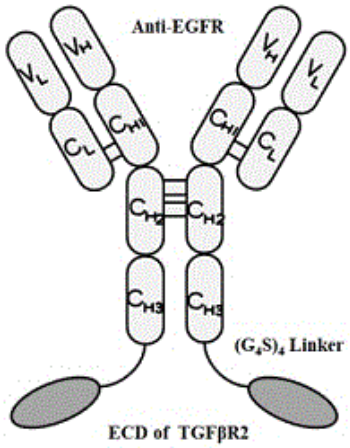
(1)

21: 2022/11532. 22: 2022/10/21. 43: 2025/11/17
51: C07K; A61K; A61P
71: SINOCELLTECH LTD.
72: XIE, LIANGZHI, SUN, CHUNYUN, GUO, ERHONG
33: CN 31: 202010351280.6 32: 2020-04-28

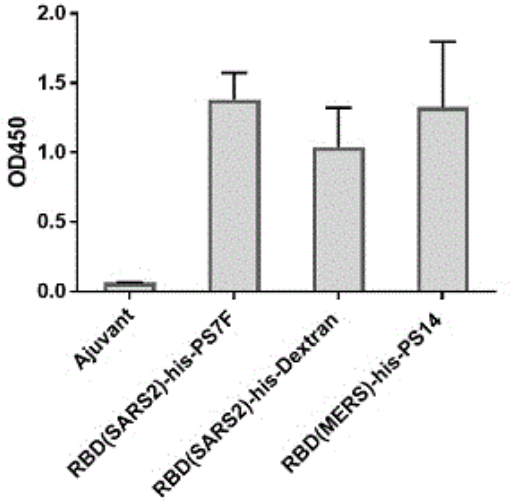
54: TGFβR2 EXTRACELLULAR DOMAIN TRUNCATED MOLECULE, FUSION PROTEIN OF TGFβR2 EXTRACELLULAR DOMAIN TRUNCATED MOLECULE AND ANTI-EGFR ANTIBODY, AND ANTI-TUMOR USE OF FUSION PROTEIN

00: -

Provided are multiple types of TGFβR2 in truncated forms and a fusion protein constructed by TGFβR2 and EGFR antibody HPA8; also provided are a nucleic acid (comprising heavy/light chain variable regions) encoding the antibody, and a vector, a pharmaceutical composition, and a kit comprising the nucleic acid; further provided is a fusion protein of the prepared truncated form of TGFβR2 receptor protein and a targeted EGFR and other multiple types of tumor target antibodies.



21: 2022/11533. 22: 2022/10/21. 43: 2025/11/17
51: A61K; A61P; C07K
71: SINOCELLTECH LTD.
72: XIE, LIANGZHI, ZHANG, YANJING, ZHANG, JIANDONG
33: CN 31: 202010369100.7 32: 2020-05-01
54: METHOD FOR IMPROVING IMMUNOGENICITY OF PROTEIN/PEPTIDE ANTIGEN
00: -
Disclosed is a method for improving the immunogenicity of a protein/peptide antigen, the method comprising conjugating a protein/peptide antigen with a sugar to form a sugar-protein/peptide antigen conjugate, which has improved immunogenicity compared to an unconjugated protein/peptide antigen. In particular, the method involves conjugating a pathogen, such as a viral surface protein antigen or a fragment thereof, with a polysaccharide, in particular a capsular polysaccharide of Streptococcus pneumoniae. The conjugate with improved immunogenicity can be used to prevent or treat diseases caused by pathogens, in particular diseases caused by coronaviruses.



21: 2022/11622. 22: 2022/10/25. 43: 2025/11/07
51: C12N
71: AMICUS THERAPEUTICS, INC.
72: DO, HUNG V, GOTSCHALL, RUSSELL
33: US 31: 15/473,994 32: 2017-03-30
33: US 31: 62/457,584 32: 2017-02-10
33: US 31: 62/315,400 32: 2016-03-30
54: METHOD FOR SELECTION OF HIGH M6P RECOMBINANT PROTEINS
00: -
Methods for the production, capturing and purification of recombinant human lysosomal proteins are described. Such recombinant human lysosomal proteins can have high content of mannose-6-phosphate residues. Also described are pharmaceutical compositions comprising such recombinant human lysosomal proteins, as well as methods of treatment and uses of such recombinant human lysosomal proteins.

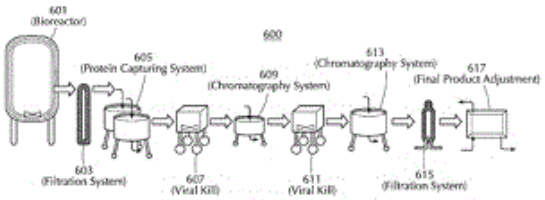


FIG. 6

21: 2022/11686. 22: 2022/10/26. 43: 2025/11/17
51: G01N; G01B
71: ISRA VISION GMBH
72: LEUTE, STEFAN, HARADA, KOICHI
33: DE 31: 10 2020 109 945.2 32: 2020-04-09

54: METHOD AND INSPECTION DEVICE FOR OPTICALLY INSPECTING A SURFACE
00: -
The invention relates to a method for optically inspecting a surface (10) of an object (1) and to an inspection device (9). In the method, a pattern (13), which is chronologically periodic during an image-capturing sequence and has different illumination patterns (130), is generated on the surface (10) by means of an illumination device (8) of the inspection device (9) and, in the image-capturing sequence, multiple images of the pattern (13) on the surface (10) are captured by means of an image-capturing device (7) of the inspection device (9), the generation of one of the different illumination patterns (130) being synchronised in each case with the capture of one of the images of the pattern (13); the phase pattern (13) is determined from the sequence of known illumination patterns (130) captured in at least one pixel; and defects (4, 5) on the surface (10) are identified from deviations of the illumination pattern (130) captured from the known illumination pattern (130) generated. The illumination device (8) and the image-capturing device (7) are arranged at the reflection angle (α), wherein the object (1) is moved relative to the inspection device (9), and the duration of the image-capturing sequence is selected such that a sequence reflection region (17) can be considered constant (figure 4b).

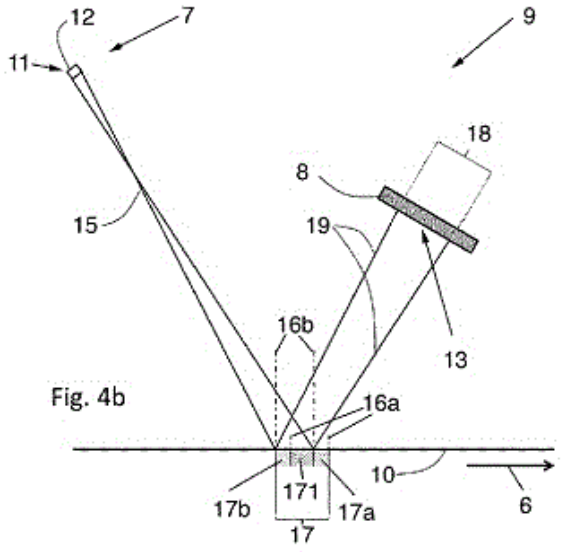


Fig. 4b

21: 2022/11745. 22: 2022/10/27. 43: 2025/11/17
51: A61N
71: BERLIN HEALS GMBH
72: MÜLLER, JOHANNES
33: EP 31: 20166881.1 32: 2020-03-30
33: US 31: 63/001,780 32: 2020-03-30
54: AN ELECTRIC FIELD OR ELECTRIC VOLTAGE DELIVERING ELECTRODE SYSTEM FOR THE TREATMENT OF INTERNAL ORGAN OEDEMA
00: -
The present invention relates to an electrode assembly system for treatment of internal organ oedema by electro-osmosis and/or electrophoresis by delivering an electric field, the system comprising a first electrode, a second electrode, and a control unit, wherein the first electrode and second electrode are electrically connected to the control unit, the control unit being adapted to charge the first electrode negatively and the second electrode positively, and to directly control a strength of an electric field induced by the first electrode and the second electrode to a preset value for generating a treatment-specific electric flux. The present invention also relates to the use of such system, as well as a process of treatment of internal organ oedema using such system.

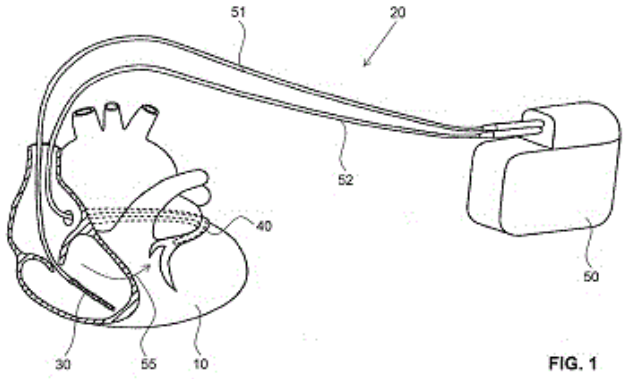
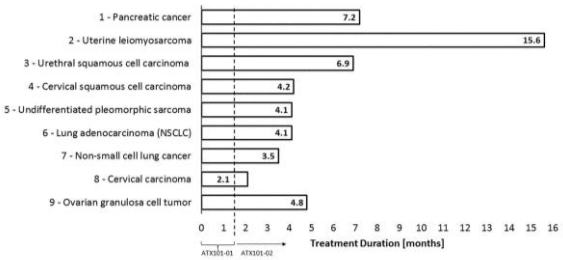


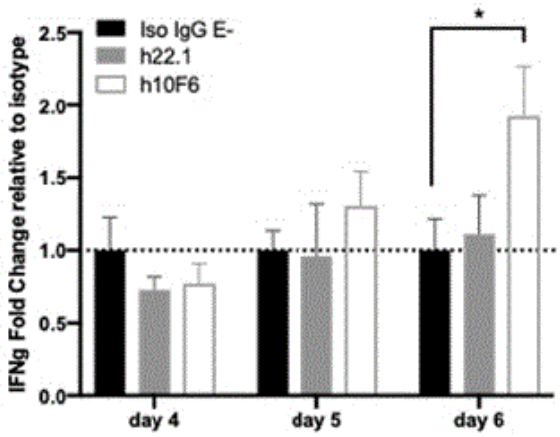
FIG. 1

21: 2022/12090. 22: 2022/11/04. 43: 2025/11/06
51: A61K; A61P
71: Therapim Pty Ltd
72: ALEVIZOPOULOS, Konstantinos, OTTERLEI, Marit
33: GB 31: 2006699.9 32: 2020-05-06
54: PEPTIDES CONTAINING A PCNA INTERACTING MOTIF FOR USE IN THE TREATMENT OF SOLID CANCER
00: -

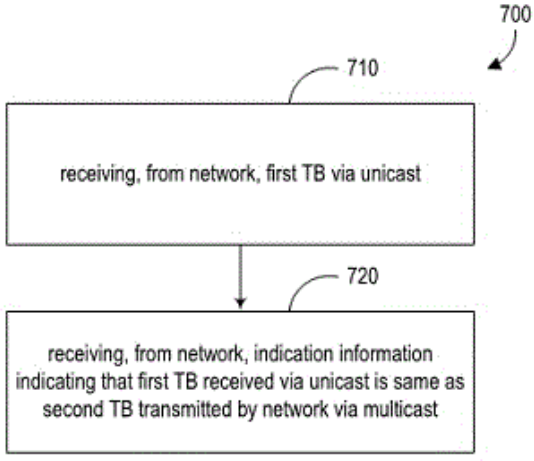
The present invention relates to pharmaceutical compositions and methods for the treatment of carcinomas and sarcomas. In particular, the invention provides a pharmaceutical composition comprising a peptide or pharmaceutically acceptable salt thereof for use in treating a carcinoma or a sarcoma in a human subject, wherein the peptide comprises an amino acid sequence as set forth in SEQ ID NO: 1 and a cell penetrating peptide and wherein the pharmaceutical composition is systemically administered to the subject weekly to provide a dose of the peptide of about 15-65mg/m^2 body surface area (BSA) per week, calculated as the free form of the peptide.



21: 2022/12133. 22: 2022/11/07. 43: 2025/11/19
51: A61P; C07K
71: 23ANDME, INC.
72: CHEN, YU, FENAUX, JILEAN BETH, FUH-KELLY, GERMAINE, HUANG, YAO-MING, CHUNG, WEI-JEN, KARRER, ERIK EDWARD, LAY, CECILIA, PITTS, STEVEN J, SCHARF, LOUISE
33: US 31: 63/032,508 32: 2020-05-29
54: ANTI-CD200R1 ANTIBODIES AND METHODS OF USE THEREOF
00: -
The present disclosure provides binding proteins, such as antibodies and antigen-binding fragments, which specifically bind to human CD200R1 receptor protein (hu-CD200R1) and are capable of decreasing, inhibiting, and/or fully-blocking immune regulatory effects mediated by hu-CD200R1. The present disclosure also provides methods of using the antibodies (and compositions thereof) to treat diseases and conditions responsive to decreasing, inhibiting and/or blocking immune regulatory function or activity mediated by CD200 binding to CD200R1.



21: 2022/12299. 22: 2022/11/10. 43: 2025/11/19
51: H04L
71: ZTE CORPORATION
72: HAO, PENG, LIU, XING, WEI, XINGGUANG, SHI, JING
54: SYSTEMS AND METHODS FOR MANAGING FEEDBACK FOR MULTICAST TRANSMISSIONS
00: -
A system and method for wireless communications, including receiving, by a wireless communication device from a network, a first Transport Block (TB) via unicast and receiving, by the wireless communication device, an indication information indicating that the first TB received via the unicast is same as a second TB transmitted by the network via multicast.



21: 2022/12460. 22: 2022/11/15. 43: 2025/11/19
51: C12N; C12P; A23L
71: DANISCO US INC.

72: TANG, ZHONGMEI, ZHANG, ZHENGHONG, GE, JING, BABE, LILIA, XI, XINGXIANG, HAO, HELONG, HUANG, CHAO
33: CN 31: PCT/CN2020/085393 32: 2020-04-17
54: GLUCOAMYLASE AND METHODS OF USE THEREOF
00: -
Described are a recombinant host cell, a composition comprising a glucoamylase and methods of saccharifying the starch substrate using the glucoamylase. Moreover, the disclosure also relates to a process of producing fermentation products and a method for increasing starch digestibility in an animal as well as a method of producing a fermented beverage. The glucoamylase or 1,4-alpha-D- glucan glucohydrolase (EC 3.2.1.3) is preferably from the Mucorales- clade, especially having high sequence identity to the glucoamylase from Saksenaea vasiformis.

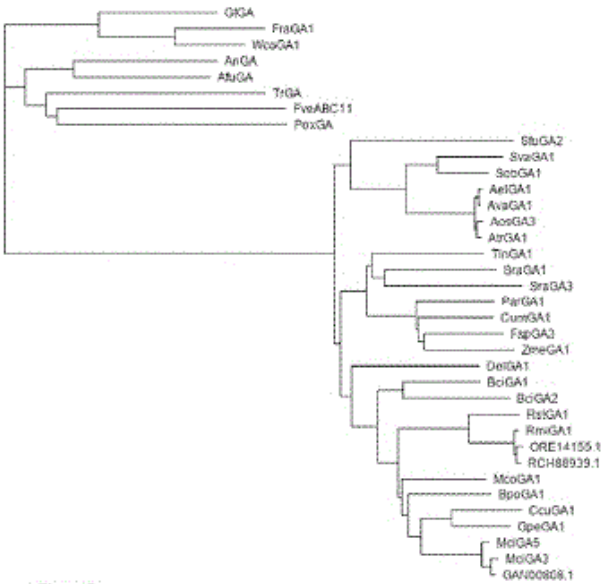
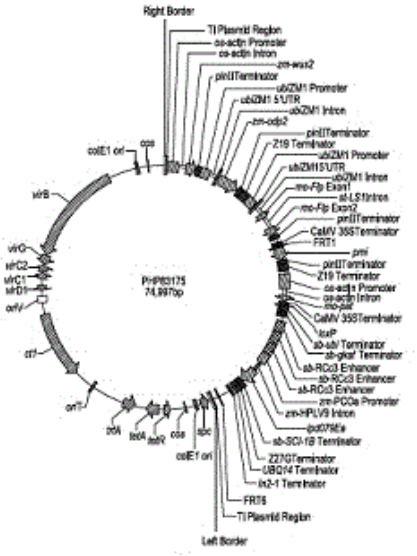


Figure 7

21: 2022/12509. 22: 2022/11/16. 43: 2025/11/19
51: C12N; C12Q; A23L
71: PIONEER HI-BRED INTERNATIONAL, INC.
72: CHRISTENSEN, HEATHER MARIE, CONG, BIN, CRANE, VIRGINIA, HARMON, MATTHEW CURTIS, JAUREGUY, LUCIANO M, KLEVER, JEFFREY, LU, ALBERT L, RINEHART KREBS, KRISTEN DENISE, ROSS, MARGIT C
33: US 31: 63/116,192 32: 2020-11-20
33: US 31: 63/033,994 32: 2020-06-03
54: MAIZE EVENT DP-915635-4 AND METHODS FOR DETECTION THEREOF
00: -
Embodiments disclosed herein relate to the field of plant molecular biology, specifically to DNA constructs for conferring insect resistance to a plant. Embodiments disclosed herein relate to insect resistant corn plant containing event DP-915635-4, and to assays for detecting the presence of event DP-915635-4 in samples and compositions thereof.

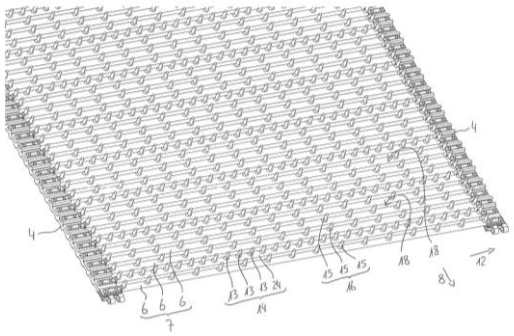


21: 2022/12527. 22: 2022/11/16. 43: 2025/11/06
51: G21C
71: Westinghouse Electric Company LLC
72: SWARTZ, Matthew M., TRUPIANO, Anthony G., VAN WYK, Jurie J.
33: US 31: 63/018,539 32: 2020-05-01
54: COMPACT PASSIVE DECAY HEAT REMOVAL SYSTEM FOR TRANSPORTABLE MICRO-REACTOR APPLICATIONS
00: -
A container for transporting a reactor is disclosed. The container includes a loop thermosiphon including a chamber, a heat exchanger fluidically coupled to the chamber, and an actuator including an unactuated state and an actuated state. The actuator is configured to automatically transition to the actuated state. The transition is based on an event occurring within the reactor. A working medium is configured to remove heat from the reactor in the actuated state.

21: 2022/12877. 22: 2022/11/25. 43: 2025/11/06
51: B01J; C01F
71: Sasol Germany GmbH

72: BRASCH, Andrea, SIEGEL, Angela, HOLZMANN, Yanick, HOWE, Stefan
33: EP(DE) 31: 20176653.2 32: 2020-05-26
54: STABLE SHAPED ALUMINA AND METHOD FOR PRODUCING SAME
00: -
The present invention relates to a calcined shaped alumina and to a method of preparing a calcined shaped alumina. The method comprises that the alumina in the alumina suspension is hydrothermally aged to have a specific crystallite size. This in turn produces a highly stable alumina in the form of a calcined shaped alumina particularly at temperatures of 1200°C and above.

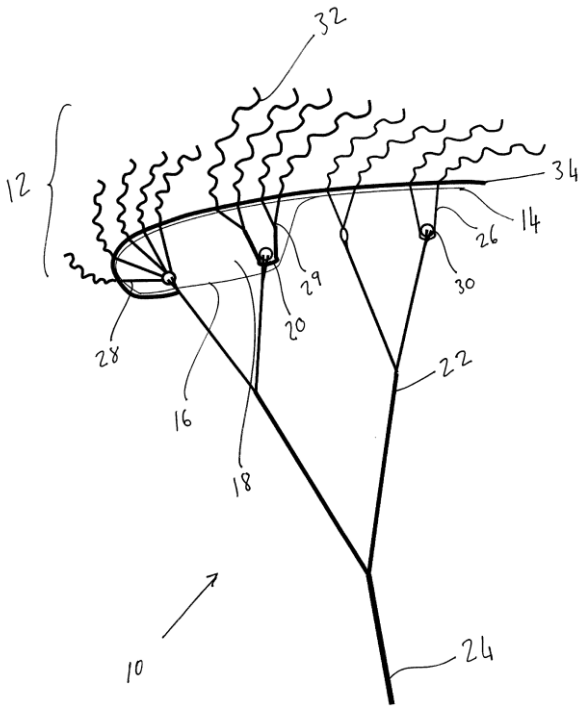
21: 2023/00555. 22: 2023/01/12. 43: 2025/11/17
51: B65G
71: Grimme Landmaschinenfabrik GmbH & Co. KG
72: ROSS, Julian, STROTHMANN, Wolfram
33: DE 31: 10 2020 118 423.9 32: 2020-07-13
54: APPARATUS FOR SEPARATING AND CONVEYING ROOT CROPS
00: -
The invention relates to an apparatus (2) for conveying root crops. The apparatus comprises a carrying means (7), which circulates in a direction of circulation (8) during operation, plays a part in forming at least one accommodating region (18) and is designed to carry the root crops. The apparatus also comprises at least one transverse-separation device (14), which extends, at least in part, in a transverse direction (12) and bounds the accommodating region (18) in the direction of circulation (8). The accommodating region (18) is externally adjacent to an interior space (11), which is enclosed by a lateral surface (10) which extends parallel to the transverse direction (12) and, as seen in a side view, runs exclusively in the direction of circulation (8). It is also the case that at least one projecting part of the transverse-separation device (14) is arranged, as seen in side view, outside the interior space (11). The apparatus comprises at least one longitudinal-separation device (16), which extends at an angle, in particular at right angles, to the direction in which the transverse-separation device (14) extends and parallel to the lateral surface (10) of the interior space. At least one projecting part thereof is arranged, as seen in side view, outside the interior space (11). Two accommodating regions (18) which are adjacent in the transverse direction (12) are delimited from one another by the longitudinal-separation device.



21: 2023/01693. 22: 2023/02/10. 43: 2025/11/03
51: A61K; A61P; C07D
71: Compass Pathfinder Limited
72: GRILL, Matthias
33: DE 31: 10 2020 121 965.2 32: 2020-08-21
54: NOVEL PSILOCIN DERIVATIVES HAVING PRODRUG PROPERTIES
00: -
The present invention provides a novel group of active compounds based on the psychoactive compound psilocin. The psilocin derivatives provided herein exhibit improved pharmacokinetic properties during uptake as compared to psilocin, as well as reduced side effects resulting from the metabolites thus formed. Due to the affinity of the novel psilocin derivatives for the 5-HT_{2A}-receptor, these derivatives are particularly advantageous for use in therapy, e.g., in the treatment of depression or drug addiction.

21: 2023/04160. 22: 2023/04/05. 43: 2025/11/12
51: B64C; F03D
71: OCEANERGY INNOVATION GMBH, REINERS, Wolfram, Johannes, Bernd
72: REINERS, Wolfram, Johannes, Bernd, HARICH, Armin
33: ZA 31: 2020/06272 32: 2020-10-09
54: A KITE
00: -
A kite (10) which includes a canopy (12) comprising an upper sail (14) and a plurality of rib bridles (26) arranged substantially at an inclined angle relative the upper sail (14), wherein the rib bridles (26) are further connectable to upper sail bridles (32), which upper sail bridles (32) extend substantially at an inclined angle away from the rib bridles (22).

FIGURE 1



21: 2023/06299. 22: 2023/06/15. 43: 2025/10/31
51: B01F; B01J
71: METSO FINLAND OY
72: LATVA-KOKKO, Marko, XIA, Jiliang, IMMONEN, Pekka
54: STIRRING IMPELLER, ARRANGEMENT AND USE
00: -
A stirring impeller (1), an arrangement, and a use. The impeller (1) comprises a hub disc (2) comprising a shaft attachment structure (3) arranged centrally in the hub for receiving a shaft (4) centrally and perpendicularly from an upper side of the hub disc (2), a plurality of upper blades (5) arranged on the upper side of the hub disc (2), and a plurality of lower blades (6) arranged on a lower side of the hub disc (2). At least one of said plurality of upper blades (5) is arranged to have jet angle (Ju) of 5°- 45°, and the lower blades (6) have a jet angle (Jl) that is different than said jet angle (Ju) of least one of said plurality of upper blades.

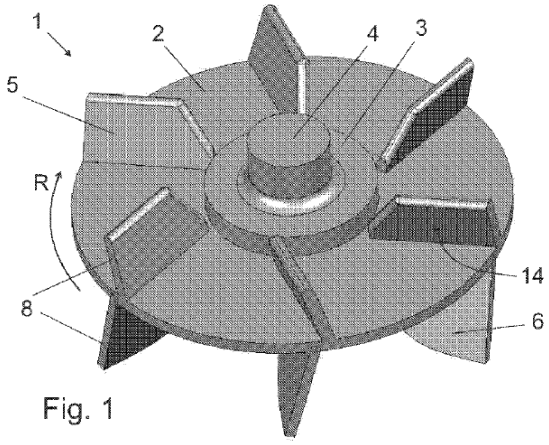


Fig. 1

21: 2023/06574. 22: 2023/06/26. 43: 2025/10/31
51: C08B; C08J
71: Infinited Fiber Company Oy
72: SIREN, Sakari, HARLIN, Ali, STJERNBERG, Martin
33: FI 31: 20206386 32: 2020-12-31
54: CONTINUOUS DISSOLUTION OF A CELLULOSE DERIVATIVE
00: -
According to an example aspect of the present invention, there is provided a method of continuously dissolving cellulose carbamate in an alkaline aqueous phase to form a solution, comprising the steps of providing cellulose carbamate, mixing the cellulose carbamate with an aqueous alkaline solution to form a mixture, conducting the mixture through the mixing zone of a continuously operated mixing kneader at a temperature of 10 degrees Celsius or less to produce a solution of said cellulose carbamate in an alkaline aqueous phase, and recovering the cellulose carbamate containing aqueous phase.

21: 2023/07232. 22: 2023/07/19. 43: 2025/10/31
51: H04W
71: Huawei Technologies Co., Ltd.
72: HU, Li, WU, Rong
54: SECURITY POLICY PROCESSING METHOD AND COMMUNICATION DEVICE
00: -
Embodiments of the present application provide a security policy processing method and a communication device, being capable of being applied to procedures such as handover, RRC connection resumption, or RRC connection reestablishment, and being used for reducing a cell

that is transmitted by a mobility management entity to an access network device and is not needed by the access network device, reducing transmission complexity, and improving data transmission efficiency. A target access network device receives, from a source access network device, a message 001 comprising instruction information 011, and then when the instruction information 011 instructs a terminal device to support that the user plane security protection between the terminal device and an access network device is performed as required, transmits, to a mobility management entity, a path switching request 031 carrying a user plane security policy 021, wherein the user plane security policy 021 is used for instructing whether to enable use plane encryption protection and/or whether to enable user plane integrity protection.

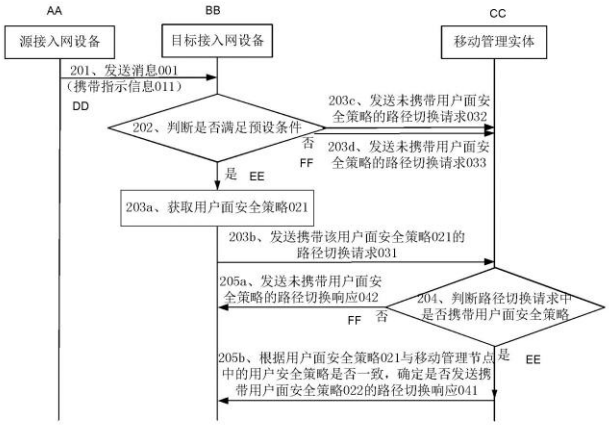


图 2

201 Transmit a message 001
202 Determine whether a preset condition is satisfied
203a Obtain a user plane security policy 021
203b Transmit a path switching request 031 that carries the user plane security policy 021
203c Transmit a path switching request 032 that does not carry the user plane security policy
203d Transmit a path switching request 033 that does not carry the user plane security policy
204 Determine whether the path switching request carries the user plane security policy
205a Transmit a path switching response 042 that does not carry the user plane security policy
205b According to whether the user plane security policy 021 is consistent with a user security policy in a mobility management node, determine whether to transmit the path switching response 041 carrying the user plane security policy 022
AA Source access network device
BB Target access network device
CC Mobility management entity
DD Carry instruction information 011
EE Yes
FF No

21: 2023/07297. 22: 2023/07/21. 43: 2025/10/31
51: A01N; A01P
71: UPL Limited
72: WAGH, Pradeep, SHIRSHAT, Rajan Ramakant
33: IN 31: 202021006143 32: 2020-02-12
54: AN AGROCHEMICAL COMPOSITION
00: -
The present invention relates to an agrochemical composition comprising: a) a neonicotinoid or a 3-pyridine carboxamide insecticide; and b) a crystal growth inhibiting system wherein the crystal growth inhibiting system is a combination of a mineral oil and a surfactant mixture. The present invention further provides process, method, use and kit thereof.

21: 2023/07298. 22: 2023/07/21. 43: 2025/10/31
51: A01N; A01P
71: UPL Limited
72: NARAYANASAMY, Rajapandian Ramanathan, NAGANUR, Sunil, ANNADURAI, Prabhu
33: IN 31: 202021006144 32: 2020-02-12
54: METHOD OF IMPROVING PLANT GROWTH
00: -
The present invention relates to a method of improving growth of plants and/or improving germination of plants by applying flonicamid to said plant or plant propagation material or the locus thereof.

21: 2023/07333. 22: 2023/07/24. 43: 2025/10/29
51: A23F; A23N
71: Société des Produits Nestlé S.A.
72: MOREND, Joël, DUBIEF, Flavien Florent, BAEKELANDT, Maxime
33: EP(CH) 31: 20217999.0 32: 2020-12-31
54: METHOD TO CHECK A COFFEE BEANS ROASTING SYSTEM
00: -
The invention concerns a method to check a roasting system (10), said system comprising : - at least one roasting apparatus (2), - at least one smoke treating unit (3), said smoke treating unit comprising at least one removable filtering device (221, 222, 223), - a smoke driver (23) configured to drive smoke from the roasting apparatus (2) to said at least one filtering device, wherein the at least one smoke treating unit (3) comprises at least one downstream pressure sensor (24), wherein the method comprises the steps of : - operating at least the smoke driver (23) to drive gas through the smoke filtering unit, - measuring the pressure P at the pressure sensor downstream the removable filtering device, - calculating the drop of pressure $\Delta P = P - Pref$ compared to a pressure of reference P_{ref}, - comparing said drop of pressure ΔP to a predetermined threshold ΔP_S corresponding to the presence of said at least one removable filtering device upstream the pressure sensor, - if said drop of pressure ΔP is inferior to said predetermined threshold ΔP_S, then displaying an alarm.

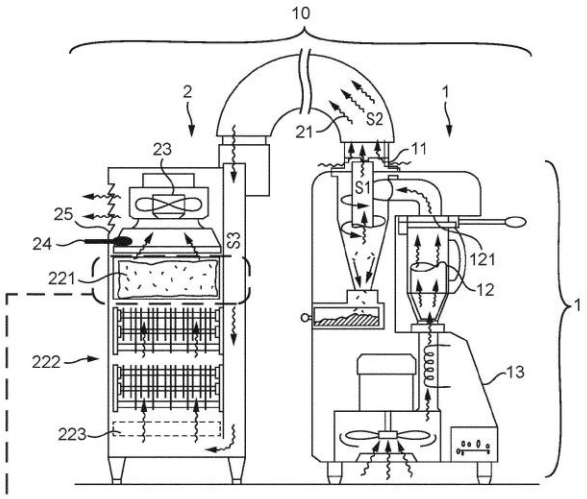


FIG. 1

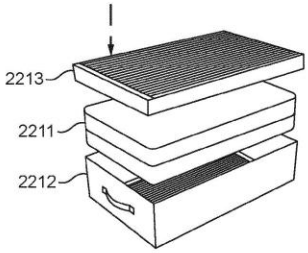


FIG. 2

21: 2023/07338. 22: 2023/07/24. 43: 2025/10/29
51: B02C
71: FLSmidth A/S
72: SALINAS HUDSON, Mauricio
33: US 31: 63/141,228 32: 2021-01-25
54: MILL DISCHARGE GRATE HAVING DYNAMIC VARIABLE SIEVE OPENINGS
00: -
A discharge grate (200) for an internal discharge end (3) of a mill (1) may be characterized in that it has at least one dynamic variable sieve opening (206) defined between two adjacent floating screen bars (202). The floating screen bars (202) may be configured to a least temporarily move with respect to one another and/or with respect to a holding frame (201) receiving the floating screen bars (202). Temporary expansion of the at least one dynamic variable sieve opening (206) may permit undersized media to pass to the discharge chute (8) and reduce or eliminate pegging.

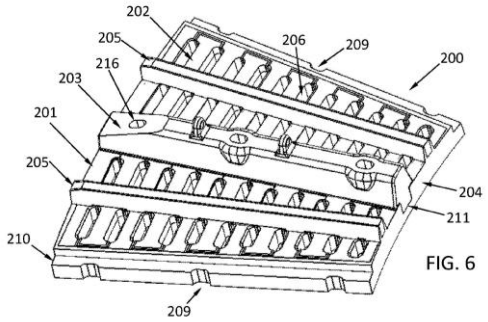
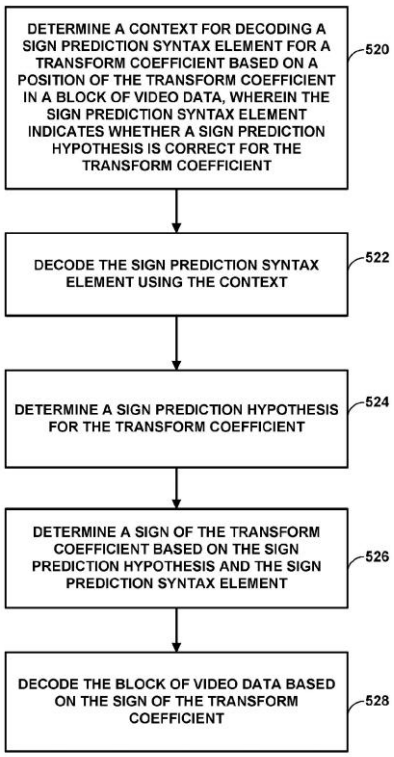


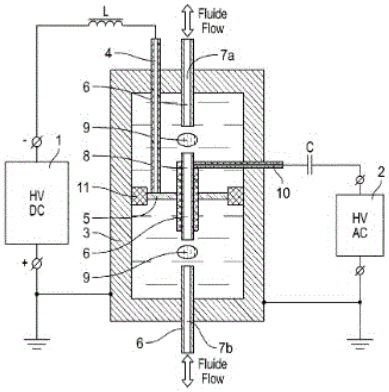
FIG. 6

21: 2023/07495. 22: 2023/07/27. 43: 2025/10/29
51: H04N
71: QUALCOMM Incorporated
72: SEREGIN, Vadim, KEROFSKY, Louis Joseph, KARCZEWICZ, Marta
33: US 31: 63/167,507 32: 2021-03-29
54: CONTEXT MODELING FOR SIGN PREDICTION FOR VIDEO CODING
00: -
A video coder may code a sign prediction syntax element that indicates whether a sign prediction hypothesis is correct for a transform coefficient. The video coder may code the sign prediction syntax element using a context-based coding process. The video coder may determine a context for coding the sign prediction syntax element based on a position of the transform coefficient in the block of video data. The context may be further based on a coding mode used to code the block.



21: 2023/07538. 22: 2023/07/28. 43: 2025/10/29
51: A61K; A61P
71: Impact Biomedicines, Inc.
72: ARONCHIK, Ida, BELTRAN VALENCIA, Roxxana Valeria, CARRANCIO ANTON, Maria Soraya, CHANG, Henry H., COKER, Shodeinde, DAS, Sharmila, FILVAROFF, Ellen Hope, GUARINOS MARHUENDA, Carla, HANNA, Bishoy, LIU, Yu, NIKOLOVA, Zariana, ESPOSITO, Oriana
33: EP(CH) 31: 21382163.0 32: 2021-02-25
54: USE OF A BET INHIBITOR ALONE OR IN COMBINATION WITH FEDRATINIB OR RUXOLITINIB FOR TREATING A HEMATOLOGICAL MALIGNANCY SUCH AS MYELOFIBROSIS
00: -
The present disclosure provides methods, pharmaceutical compositions, and kits for treating cancer in patients in need thereof. The methods comprise administering to a patient in need a BET (bromodomain and extra-terminal protein) inhibitor, or a pharmaceutically acceptable salt thereof, alone or in combination with one or more JAK inhibitors. Also provided are medicaments for use in treating cancer.

21: 2023/08026. 22: 2023/08/18. 43: 2025/12/05
51: B01J; C10G; F01K
71: ENG8 LIMITED
72: ALTUNIN, Sergei, KULAKOVSKII, Oleg, BACK, Haslen Matthew, TYUTINA, Valeria
33: GB 31: 2102409.6 32: 2021-02-19
54: ENERGY CELL
00: -
An energy cell comprising: a chamber for receiving a working fluid and having at least one inlet and outlet to allow working fluid(s) to flow through the chamber; at least one electrode within the chamber to apply electrical energy to the working fluid to generate plasma therein; and the energy cell further comprising: a fluid circulation system for circulating working fluid through the chamber; and a work extraction system for extracting work from fluid output from the chamber.



21: 2023/08669. 22: 2023/09/11. 43: 2025/12/05
51: F24D; F24H
71: FLAMINGO TECH LTD.
72: RUBNER, Arnold
33: US 31: 63/170,587 32: 2021-04-05
54: APPARATUS FOR DETERMINING DURATION OF HOT WATER RELEASE FROM A BOILER
00: -
An apparatus which reads, measures, or otherwise monitors the temperature of a boiler (102, 202) at two points on the boiler, determines the amount of hot water currently available for a usage, such as a hot shower, at approximately 37°C to 40°C, expressed in terms of time, and displays the time on a display (222) of the device.

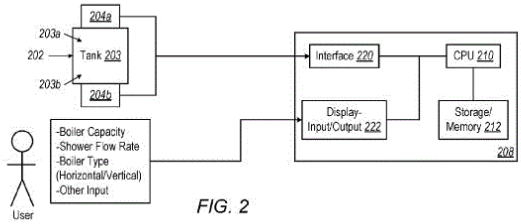
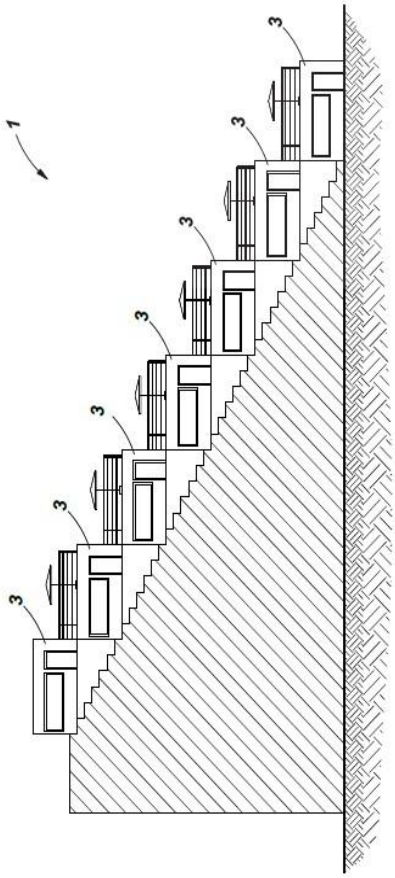


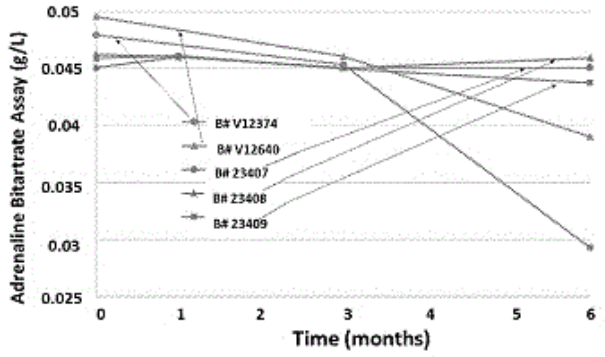
FIG. 2

21: 2023/08904. 22: 2023/09/14. 43: 2025/10/31
51: E04B
71: LOUBSER, Matthys Johannes
72: LOUBSER, Matthys Johannes
33: ZA 31: 2022/07820 32: 2022-07-14
54: BUILDING METHOD AND STRUCTURE
00: -
This invention relates to a building method and structure, and more particularly, but not exclusively, to a building method and structure incorporating parts of a stadium. In accordance with this invention there is provided a building method comprising the step of constructing a building unit where part of the building unit is part of a stadium structure.



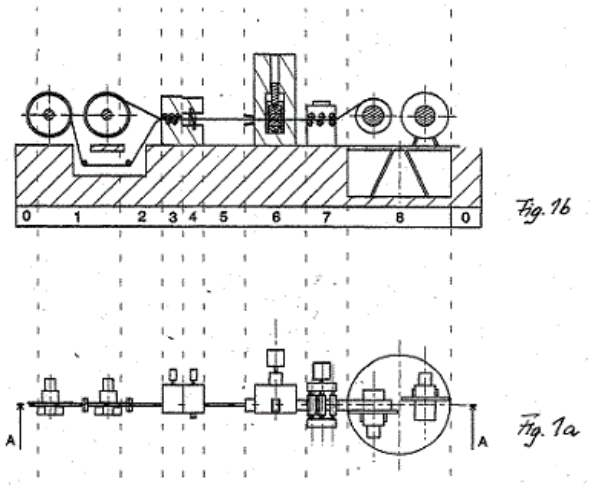
21: 2023/09279. 22: 2023/10/04. 43: 2025/10/31
51: G21C
71: AKME-Engineering, Joint-Stock Company
72: STEPANOV, Vladimir Sergeevich, DEDYL, Aleksandr Vladislavovich, TOSHINSKII, Georgii Il'ich, ARSEN'EV, Urii Aleksandrovich, KOMLEV, Oleg Gennad'evich, VAHRUSHIN, Mihail Petrovich, GRIGOR'EV, Sergey Aleksandrovich, SAMKOTRYASOV, Sergey Vladimirovich
33: RU 31: 2021106582 32: 2021-03-15
54: NUCLEAR REACTOR WITH A HEAVY LIQUID METAL COOLANT
00: -
The invention relates to nuclear power engineering and is intended for using in power plants with a reactor with a heavy liquid metal coolant (HLMC) based on lead or on lead-bismuth alloys. The invention makes it possible to increase the radiation protection efficiency for the in-vessel equipment of a nuclear reactor, to increase the heat storage capacity of the primary circuit, to reduce the nuclear reactor weight, and to improve its strength characteristics. In the in-vessel space of a nuclear reactor, which is not occupied by the necessary equipment, containers filled with a material that reflects or absorbs neutrons, with a heat capacity greater than that of the coolant, are installed with gaps ensuring the coolant flow, while the containers are placed in such a way that the resulting gaps form channels with a turbulent coolant flow to cool these containers at a flow rate corresponding to the nominal power output level of the nuclear reactor.

21: 2023/09647. 22: 2023/10/16. 43: 2025/11/07
51: A61K; A61P
71: ANIMAL ETHICS PTY LTD
72: BATT, LAURIE
33: AU 31: 2021203856 32: 2021-06-10
54: TOPICAL ANAESTHETIC COMPOSITION HAVING IMPROVED VASOCONSTRICTOR STABILITY
00: -
This invention relates to a topical anaesthetic composition having improved adrenaline stability, its method of manufacture, and its use as a topical anaesthetic, particularly in medical applications such as animal husbandry procedures.



21: 2023/09651. 22: 2023/10/16. 43: 2025/11/07
51: C12N
71: 4D MOLECULAR THERAPEUTICS INC.
72: BURNS, CHRISTIAN, CALTON, MELISSA, LEONG, MEREDITH, SZYMANSKI, PAUL
33: US 31: 63/180,247 32: 2021-04-27
54: COMPOSITIONS AND METHODS FOR TREATMENT OF OCULAR DISEASE ASSOCIATED WITH ANGIOGENESIS
00: -
The present disclosure provides compositions and methods for the treatment of ocular diseases associated with angiogenesis, particularly wet age-related macular degeneration.

21: 2023/09710. 22: 2023/10/18. 43: 2025/11/20
51: B21B; B21F; B21H; B23P; E04C
71: HACANOKA GMBH
72: STAHL, Karl-Hermann, STAHL, Hansjörg
33: DE 31: 10 2021 001 946.6 32: 2021-04-14
54: METHOD FOR MANUFACTURING METAL FIBERS, MORE PARTICULARLY STEEL FIBERS
00: -
The method is used to manufacture metal fibers, more particularly steel fibers, from strip-shaped flat material, wherein the metal fibers have a substantially rectangular cross-section, and wherein at least one of the wider fiber lateral surfaces, preferably both of the wider fiber lateral surfaces, is provided with at least one V-shaped anchor notch running in the fiber longitudinal direction. First, a material matched to the strength required for the metal fibers when they are used later on is used as the metal strip. In a first production line the metal strip, in the form of a coil, is fed to a straightening and transporting unit (3) by a driven and controlled uncoiler (1). Downstream of a crop shear (4) which forms the start of the strip, the metal strip is fed to a profiling roll (6), which consists of an upper roll and a lower roll and is in the form of a rolling tool. The profiling roll introduces anchor notches and fracture notches. Subsequently, the metal strip passes through a combined scoring and straightening unit (7) for scoring or leveling the anchors in the fracture notches by means of one or more scoring roller pairs, and the metal strip is finally wound as a coil again by a coiling device (8). Thereafter, the last process step of the fiber manufacture is carried out at a longitudinal and transverse dividing unit.



21: 2023/09772. 22: 2023/10/19. 43: 2025/11/07
51: C22B; G21G
71: TERRAPOWER ISOTOPES, LLC
72: CZERWINSKI, KEN, CHATTERJEE, SAYANDEV, LIAO, ZUOLEI, KIM, PYOUNGCHUNG, VLASENKO, VLADISLAV P, LUDWIG, RUSSELL, DUNCKLEY, CHRISTOPHER P
33: US 31: 63/284,941 32: 2021-12-01
33: US 31: 63/177,037 32: 2021-04-20
54: TITANIA BASED GENERATORS FOR AC-225 GENERATION
00: -
In one aspect, the technology relates to a method of producing Ac, the method including preparing a phosphate-modified titania material to produce an ion-exchange material, contacting a solution

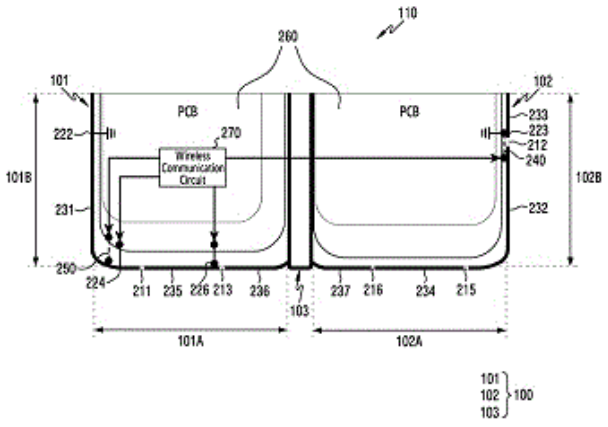
including ^{229}Th with the ion-exchange material to produce a Th-loaded titania material, eluting the Th-loaded titania material with a wash solution to produce an eluted solution containing eluted compounds including ^{225}Ac, concentrating the eluted solution to generate eluted compounds including the ^{225}Ac, and separating the ^{225}Ac from the eluted compounds.

21: 2023/09833. 22: 2023/10/23. 43: 2025/11/07
51: A61K; C12N; A61P
71: AMICUS THERAPEUTICS, INC.
72: CHAR, HING, TESLER, SERGEY, SUNDERLAND, WENDY, DILONÉ, ENRIQUE, GOTSCHALL, RUSSELL, DO, HUNG
33: US 31: 15/473,999 32: 2017-03-30
33: US 31: 62/457,588 32: 2017-02-10
33: US 31: 62/315,436 32: 2016-03-30
54: FORMULATIONS COMPRISING RECOMBINANT ACID ALPHA-GLUCOSIDASE
00: -

Provided are pharmaceutical formulations comprising a recombinant acid α-glucosidase, wherein the recombinant acid α-glucosidase is expressed in Chinese hamster ovary (CHO) cells and comprises an increased content of N-glycan units bearing one or two mannose-6-phosphate residues when compared to a content of N-glycan units bearing one or two mannose-6-phosphate residues of alglucosidase alfa; at least one buffer selected from the group consisting of a citrate, a phosphate and combinations thereof; and at least one excipient selected from the group consisting of mannitol, polysorbate 80, and combinations thereof, wherein the formulation has a pH of from about 5.0 to about 7.0. Also provided are methods of treating Pompe disease using these pharmaceutical formulations.

21: 2023/10071. 22: 2023/10/27. 43: 2025/11/07
51: H04M; H01Q
71: SAMSUNG ELECTRONICS CO., LTD.
72: CHOI, NAKCHUNG, YUN, HIMCHAN, CHUN, JAEBONG, HWANG, SOONHO
33: KR 31: 10-2021-0052431 32: 2021-04-22
54: ANTENNA STRUCTURE FOR IMPROVING RADIATION PERFORMANCE AND ELECTRONIC DEVICE COMPRISING SAME
00: -

A foldable electronic device of the present disclosure comprises: a housing which includes a first housing of an electronic device, a second housing corresponding to the first housing, and a hinge structure connecting the first housing to the second housing, and is switchable into a folded or unfolded state around the hinge structure, wherein the first housing includes a first edge and a second edge extending perpendicularly from the first edge, and the second housing includes a third edge corresponding to the first edge and a fourth edge corresponding to the second edge and extending perpendicularly from the third edge, and the first housing includes a first segment portion formed at a first point on the first edge, a second point connected to the ground on the second edge, and a first conductive portion connecting the first segment portion to the second point along a first side surface, and the second housing includes a third point connected to the ground on the fourth edge, a second segment portion formed at one point of the fourth edge, a second conductive portion extending from the second segment portion to the third edge along a second side surface, and a third conductive portion spaced apart from the second conductive portion by the second segment portion; a switch circuit which connects the second conductive portion to the third conductive portion; and a processor, wherein the processor may control the switch circuit to electrically connect or separate the second conductive portion and the third conductive portion.



21: 2023/10169. 22: 2023/10/31. 43: 2025/11/05
51: A61K; C07C; C07D
71: Loxo Oncology, Inc.

72: COATES, David Andrew, HILDEN, Lori Raquel
33: US 31: 63/188,747 32: 2021-05-14
54: COCRYSTALLINE FORMS OF A BRUTON'S TYROSINE KINASE INHIBITOR
00: -
Provided herein are cocrystalline forms including BTK-I useful in the treatment and prevention of diseases which can be treated with a BTK inhibitor, including BTK-associated diseases and disorders, characterizations, and methods of making these cocrystalline forms.

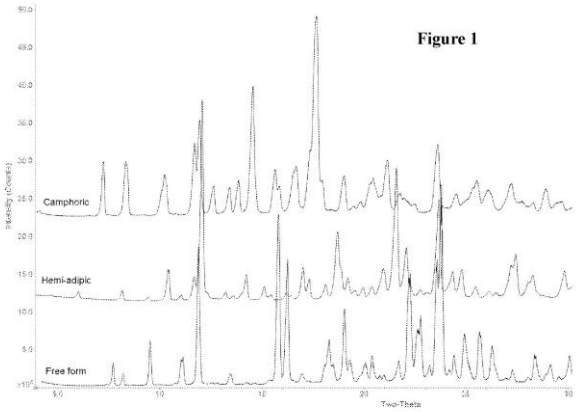


Figure 1

21: 2023/10177. 22: 2023/10/31. 43: 2025/11/07
51: C12P; C12N; A61K
71: GIVAUDAN SA
72: LOUIS, DOMINIQUE, JAILLARDON, KARINE, MERKAMM, MURIEL, THOMAS, DOMINIQUE
33: EP 31: 21166744.9 32: 2021-04-01
54: HEPAROSAN-PRODUCING RECOMBINANT CELLS
00: -
The present invention relates to the field of bio-production of heparosan. There is a need in the art for heparosan production methods allowing its highly efficient synthesis and secretion. The solution proposed in the present invention is the use of a genetically modified cell comprising many modifications as described in the present text. The present invention further proposes methods allowing the bio-production of heparosan having a controlled molecular weight using the genetically modified cells of the invention.

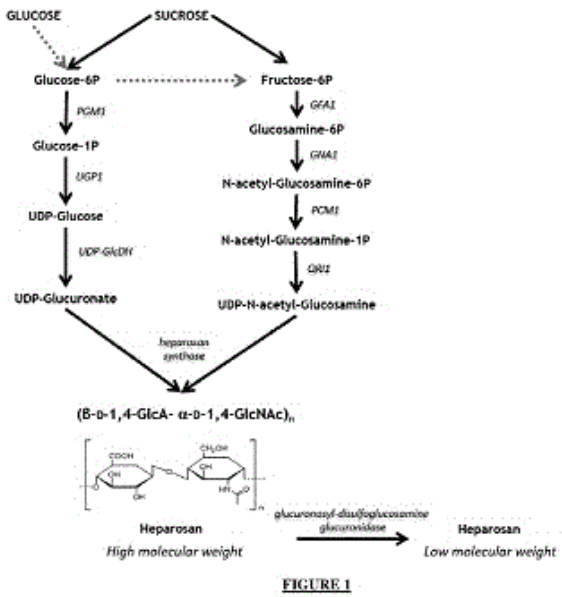


FIGURE 1

21: 2023/10178. 22: 2023/10/31. 43: 2025/11/07
51: C12N; C12P
71: GIVAUDAN SA
72: LOUIS, DOMINIQUE, JAILLARDON, KARINE, MERKAMM, MURIEL, THOMAS, DOMINIQUE
33: EP 31: 21166740.7 32: 2021-04-01
54: CHONDROITIN-PRODUCING RECOMBINANT CELL
00: -
The present invention relates to the field of bio-production of chondroitin. There is a need in the art for chondroitin production methods allowing its highly efficient synthesis and secretion. The solution proposed in the present invention is the use of a recombinant cell, in particular a recombinant yeast, comprising many modifications as described in the present text. The present invention further proposes methods allowing the bio-production of chondroitin using the recombinant cell, in particular a recombinant yeast, of the invention.

21: 2023/10179. 22: 2023/10/31. 43: 2025/11/07
51: C12N; C12P
71: GIVAUDAN SA
72: LOUIS, DOMINIQUE, BEVILACQUA, VALENTINA, DURANT, LIONEL, JAILLARDON, KARINE, THOMAS, DOMINIQUE
33: EP 31: 21166743.1 32: 2021-04-01
33: EP 31: 21306488.4 32: 2021-10-26

54: HYALURONIC ACID-PRODUCING RECOMBINANT CELLS

00: -

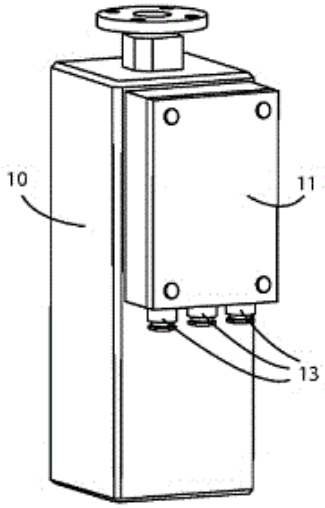
The present invention relates to the field of bio-production of hyaluronic acid. There is a need in the art for hyaluronic acid production methods allowing its highly efficient synthesis and secretion. The solution proposed in the present invention is the use of a genetically modified cell comprising many modifications as described in the present text. The present invention further proposes methods allowing the bio-production of hyaluronic acid having a controlled molecular weight using the genetically modified cells of the invention.

21: 2023/10362. 22: 2023/11/07. 43: 2025/11/19
51: H01F; B01D
71: COMEM S.P.A.
72: UGOLIN, GIANMARIA, NUCCI, FRANCESCA, TONIN, ANDREA
33: IT 31: 102021000012281 32: 2021-05-13

54: METHOD FOR REPLACING SALTS OF A SELF-REGENERATING BREATHER DEVICE OF A POWER ELECTRICAL APPARATUS

00: -

A method for replacing salts inside a self-regenerating breather device for power electrical apparatus, such as transformers, comprising the following steps: - disconnecting said self-regenerating breather device from a suction duct of a power electrical apparatus; - rotating and overturning said breather device; - opening a lower flange (15) of the breather device; - removing a split pin or another closing system and removing a closure net (16) of the tank (12) of said self-regenerating breather device, said tank (12) containing said salts to be replaced; - replacing said salts by completely overturning said breather device over a container; - further overturning said breather device; - filling said tank (12) with new salts.

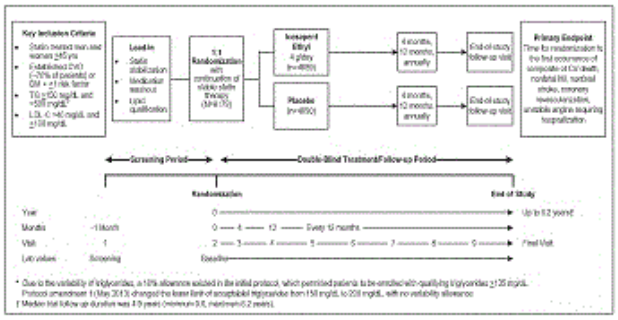


21: 2023/10640. 22: 2023/11/16. 43: 2025/11/19
51: A61K; A61P
71: AMARIN PHARMACEUTICALS IRELAND LIMITED
72: SONI, PARESH
33: US 31: 63/177,723 32: 2021-04-21

54: METHODS OF REDUCING THE RISK OF HEART FAILURE

00: -

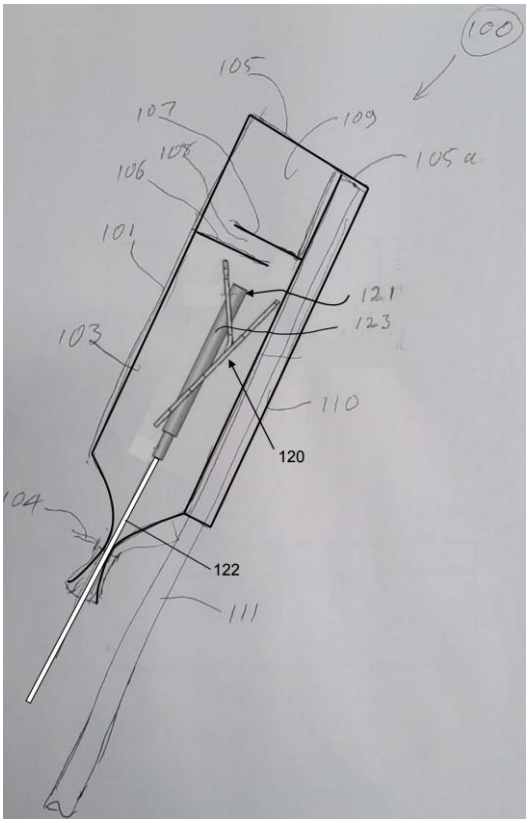
In various embodiments, the present disclosure provides methods reducing the risk of heart failure in a subject on statin therapy by administering to the subject a pharmaceutical composition comprising about 1 g to about 4 g of eicosapentaenoic acid ethyl ester or a derivative thereof.



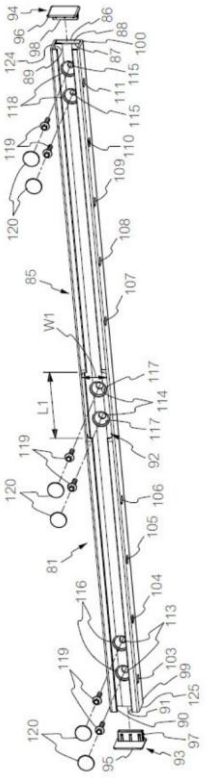
21: 2023/10816. 22: 2023/11/23. 43: 2025/11/03
51: F24B
71: IPTREE TRUST (TRUST NUMBER 503/2009)
72: BÜHRMANN, Rudolph, BÜHRMANN, Rudolph Teodor
33: ZA 31: 2022/09448 32: 2022-08-24

54: A BLASTING CONTAINER ASSEMBLY

00: -
The invention relates to blasting container assembly comprising a flexible bag that provides a charge chamber for an explosives material. A blast initiator retainer engages a blast initiator and supports walls of the charge chamber away from an active end of the blast initiator. A portion of the bag adjacent an inlet is secured around a cord connected to the blast initiator to close the charge chamber. The bag is fluid impermeable and allows for placement of a selected emulsion explosive charge as required.

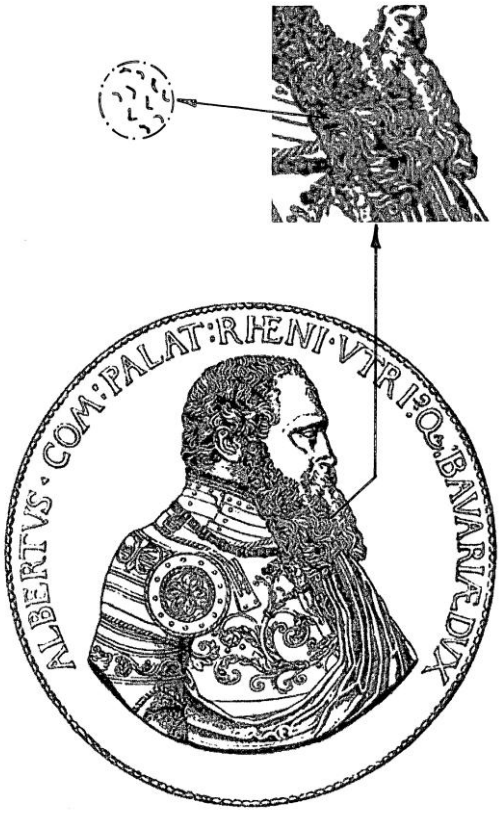


21: 2024/00211. 22: 2024/01/05. 43: 2025/11/03
51: B61D
71: AEROKLAS COMPANY LIMITED
72: VITOORAPAKORN, Ekawat, VITOORAPAKORN, Supawadee
33: TH 31: 2303000034 32: 2023-01-06
54: CARGO RESTRAINT SYSTEM
00: -
A cargo restraint system is installed to the inner wall of the truck bed in a pickup truck. A restraint system includes a rail unit and a restraint unit. The rail unit includes a support channel which is attached to the inner wall of the truck bed. The restraint unit includes a restraint body including a base portion and a restraint portion. The base portion is inserted into the T-slot channel of the support channel. The base portion is thus prevented from being moved out of the support channel during the exertion of tension from the rope securing the cargoes and a latch for the longitudinal attachment of the restraint body at the desired position along the support channel. The latch is provided with a plurality of holes at the lower wall of the support channel, provided with a rotatable rod rotatably attached to the restraint body, and provided with a torsion spring used in pushing the rotatable rod toward the support channel.



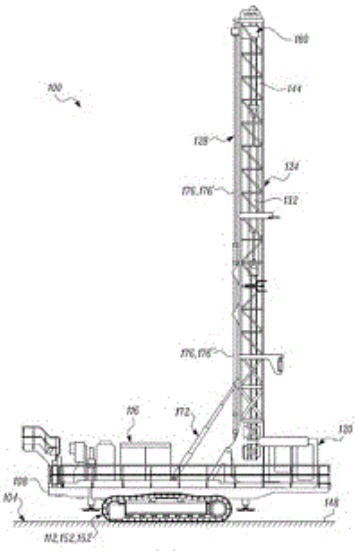
21: 2024/00910. 22: 2024/01/26. 43: 2025/12/04
51: A44C; G07D
71: SEIB, Wolfgang
72: SEIB, Wolfgang
33: DE 31: 20 2021 002 500.6 32: 2021-07-27
54: METHOD FOR AUTHENTICATING A HIGH-VALUE ITEM
00: -
A method for authenticating a high-value item, wherein an optically identifiable code is generated and applied to the item by being integrated into a surface region of the item that is provided with graphics or a surface structure, wherein the code is

in the form of a two-dimensional arrangement of code elements and the outline of the two-dimensional arrangement is adapted to the outline of the surface region or of part of a surface region, and wherein the code is linked to an information source that provides information, able to be displayed on a display, in relation to the item, and wherein a reader, such as for example a smartphone, is provided with programming for detecting and reading the code and, when the code is read, the link to the information source is activated and the information is displayed on the display of the reader.



21: 2024/03392. 22: 2024/05/02. 43: 2025/11/27
51: B23B; B27C; D05B; E05B; E21B; H01H
71: CATERPILLAR INC.
72: NARAYANAN, RAMESHKRISHNAN LAKSHMI, S, VIGNESH, VEDARAJ, ANAND JASON, GOSLOVICH, KURT STEVEN
33: AU 31: 2023203152 32: 2023-05-19
54: HYDRAULIC ACTUATOR FOR CONTROLLING OPERATIONS OF DRILLING MACHINES
00: -

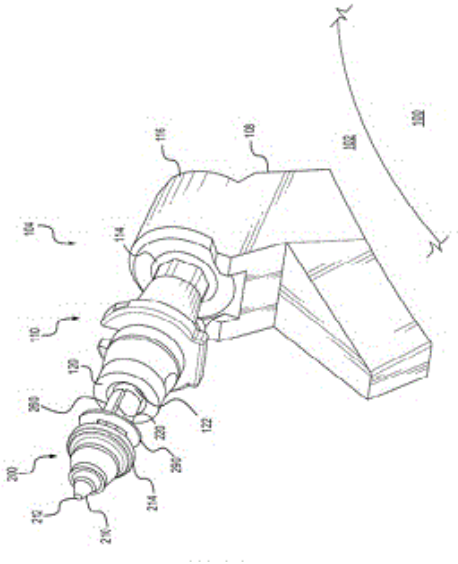
A hydraulic actuator, for controlling an operation of a drilling machine, includes a rod assembly and a tube assembly. The tube assembly defines a bore to receive the rod assembly therethrough and is moveable with respect to the rod assembly upon an influx and an efflux of a pressurized fluid with respect to the bore to control a feed of a drill head assembly of the drilling machine. The rod assembly is formed from a plurality of parts separable from one another to facilitate assembly or disassembly of the rod assembly with respect to the tube assembly.



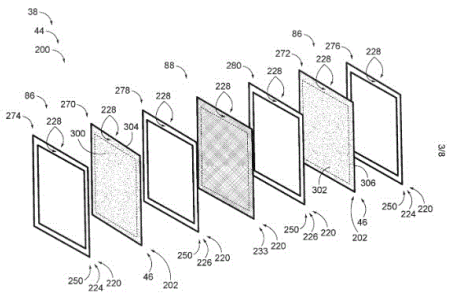
21: 2024/03433. 22: 2024/05/03. 43: 2025/11/27
51: B23B, B26B, B25D
71: CATERPILLAR PAVING PRODUCTS INC.
72: MILLS, RONALD D, CASTILLO, DAVID, RHODE, JEFF, JOHNSON, NICHOLAS B, BARNARD, CHRISTOPHER, CARR, ROBERT, PARZYNSKI JR, DAVID B
33: US 31: 18/320,679 32: 2023-05-19
54: NON-ROTATING BIT FOR CUTTING TOOL
00: -

A cutting bit assembly (200) for attachment to a tool holder (110) of a milling-type machine includes a cutting tip (210, 310, 410), a generally cylindrical shank (220, 320, 420) extending from the cutting tip (210, 310, 410) and comprising a rotation-limiting surface (230, 330, 430), and a spring clip (260, 360, 460) surrounding a body (222, 322, 422) of the shank (220, 320, 420). The spring clip (260, 360, 460) includes a protrusion (270, 370, 470) configured to interact with the rotation-limiting surface (230, 330, 430) of the shank (220, 320, 420)

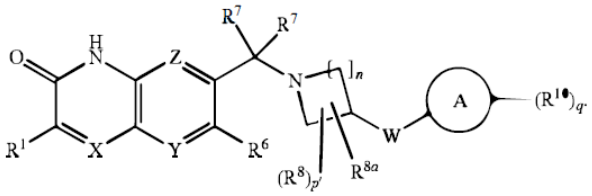
to limit rotation of the shank (220, 320, 420) relative to the spring clip (260, 360, 460). The spring clip (260, 360, 460) includes a contracted configuration and an expanded configuration, and in both the contracted configuration and the expanded configuration the protrusion (270, 370, 470) interacts with the rotation-limiting surface (230, 330, 430).



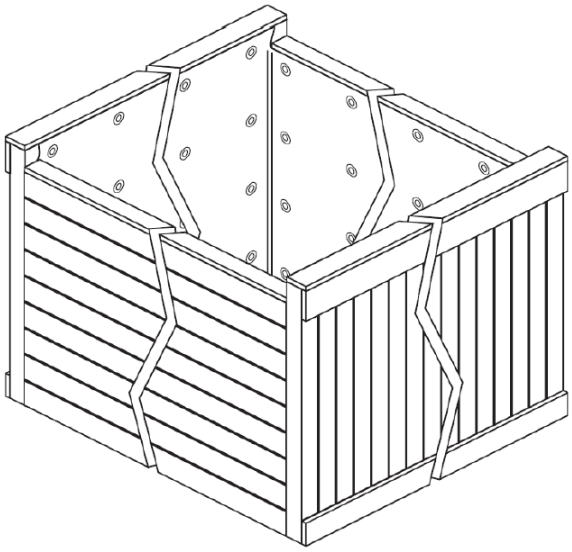
21: 2024/03523. 22: 2024/05/08. 43: 2025/12/05
51: B01D; C01B
71: H2 POWERTECH LLC
72: HILL, Charles, R.
33: US 31: 17/107,523 32: 2020-11-30
54: MEMBRANE-BASED HYDROGEN PURIFIERS
00: -
Membrane-based hydrogen purifiers having graphite frame members. The purifiers include a hydrogen-separation membrane module with at least one membrane cell containing at least one hydrogen-selective membrane, which includes a permeate face and an opposed mixed gas face, and a fluid-permeable support structure that physically contacts and supports at least a central region of the permeate face. The membrane cell further includes a permeate-side frame member and a mixed gas-side frame member. The permeate-side frame member is interposed between the hydrogen-selective membrane and the fluid-permeable support structure to physically contact a peripheral region of the permeate face and a peripheral region of the fluid-permeable support structure. The mixed gas-side frame member physically contacts a peripheral region of the mixed gas face. At least one of the permeate-side frame member and the mixed gas-side frame member is a graphite frame member.



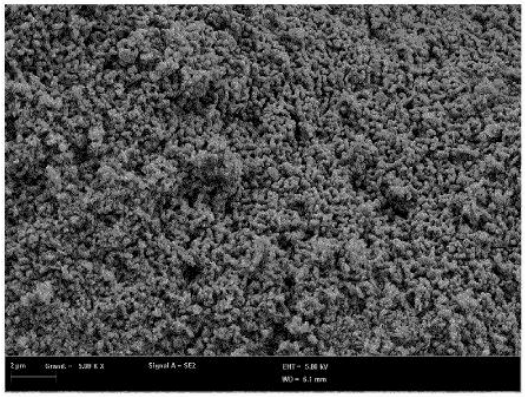
21: 2024/04648. 22: 2024/06/14. 43: 2025/11/04
51: C07D; A61K; A61P
71: XINTHERA, INC.
72: HOFFMAN, ROBERT L., DONG, QING, KALDOR, STEPHEN W., TRZOSS, LYNNIE, VA, PORINO JINJO
33: US 31: 63/251,469 32: 2021-10-01
33: US 31: 63/339,597 32: 2022-05-09
33: US 31: 63/402,835 32: 2022-08-31
54: AZETIDINE AND PYRROLIDINE PARP1 INHIBITORS AND USES THEREOF
00: -
Described herein are azetidine and pyrrolidine PARPl inhibitors and pharmaceutical compositions comprising said inhibitors. The subject compounds and compositions are useful for the treatment of cancer and are of Formula I(b).



21: 2024/04654. 22: 2024/06/14. 43: 2025/11/04
51: B65F
71: KAMOGELO MARGARET RAPHADU
72: RAPHADU, Kamogelo Margaret
33: ZA 31: 2023/03662 32: 2023-03-17
54: A BIN
00: -
The invention relates to a bin, and more particularly, the invention relates to a bin for use in a waste management solution.



21: 2024/04981. 22: 2024/06/25. 43: 2025/09/25
51: A61L; C04B
71: WISHBONE
72: ROMPEN, Eric, LECLOUX, Geoffrey, LAMBERT, France, DORY, Emilie
33: BE 31: BE2021/6050 32: 2021-12-23
54: BONE REGENERATION MATERIAL
00: -
The present invention relates to a bone regeneration material consisting essentially of a solid phase of hydroxyapatite of macroporous natural origin, as well as to a method for manufacturing same and to a method for repairing a bone defect.



21: 2024/05656. 22: 2024/07/22. 43: 2025/11/07
51: A24B; A24F; A61M; B05B; B06B
71: SHAHEEN INNOVATIONS HOLDING LIMITED
72: LAHOUD, IMAD, ALSHAIBA SALEH GHANNAM ALMAZROUEI, MOHAMMED, BHATTI, SAJID, MACHOVEC, JEFF, LAMOUREUX, CLEMENT
33: US 31: 17/220,189 32: 2021-04-01
33: US 31: 17/122,025 32: 2020-12-15
54: MIST INHALER DEVICES
00: -
A mist generator device is disclosed, featuring an elongate housing with an air inlet and mist outlet port. Within the housing, a liquid chamber holds a therapeutic composition for atomization. A sonication chamber houses an ultrasonic transducer with a planar atomization surface, which vibrates to atomize the liquid from a capillary element, creating a therapeutic mist. The device includes an airflow arrangement which provides an air flow path between the air inlet port, the sonication chamber and the mist outlet port. The device further includes an identification arrangement with a one-time programmable integrated circuit (OTP IC) for unique device identification and cryptographic authentication. The identification arrangement has an electrical connection which provides an electronic interface for communication with the OTP IC and a driver device.

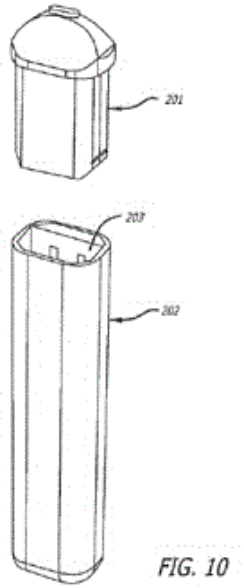


FIG. 10

21: 2024/05666. 22: 2024/07/22. 43: 2025/10/28
51: B32B; D21H
71: RAIZ - INSTITUTO DE INVESTIGAÇÃO DA FLORESTA E PAPEL
72: RAMOS DOS SANTOS, Bruna Filipa, ALMEIDA FERREIRA, Catarina Isabel, DE OLIVEIRA RODRIGUES PINTO, Paula Cristina, RICARDO JORGE, Alves Ramos Rodrigues
33: PT 31: PT117752 32: 2022-01-24

54: KRAFTLINER PAPER MADE FROM MECHANICAL PULP AND CHEMICAL PULP AND PAPER PRODUCTS CONTAINING SAME

00: -

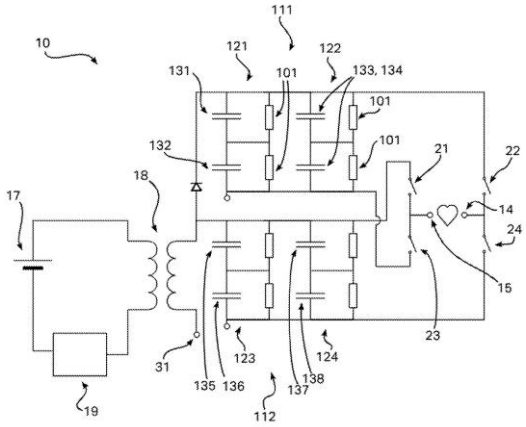
The present invention relates to a kraftliner paper containing mechanical pulp and chemical pulp. The kraftliner paper of the invention has the strength properties necessary for typical kraftliner applications and enhanced printing qualities, of particular interest for printing techniques such as offset, rotogravure and inkjet printing. Another aspect of the present invention relates to paper products containing the kraftliner paper of the present invention. The invention pertains to the field of the paper industry.

21: 2024/05671. 22: 2024/07/22. 43: 2025/10/28
51: A61B; A61N
71: CellAED Life Saver Pty Ltd
72: CASEY, Donovan Lachlan, TEBER, Erol Erdogan
33: AU 31: 2021904260 32: 2021-12-23

54: AUTOMATED EXTERNAL DEFIBRILLATOR

00: -

Described is an automated external defibrillator (AED). The AED comprises two pads for placement on a patient, each pad comprising an energy storage system. The energy storage system comprises at least two energy storage blocks, a switching circuit and a shock generation circuit connected to the two pads, and a controller connected to the switching circuit and the shock generation circuit. The controller is configured to perform an electrical switching operation to provide a defibrillation shock in two phases, such that the voltage and a peak current in each of the two phases is substantially the same. Each energy storage block comprises at least one or more capacitors. In some aspects at least one of the energy storage blocks including two or more capacitors connected in series, and at least two energy storage blocks are connected in parallel so that the capacitor system includes capacitors connected both in series and in parallel with each other.

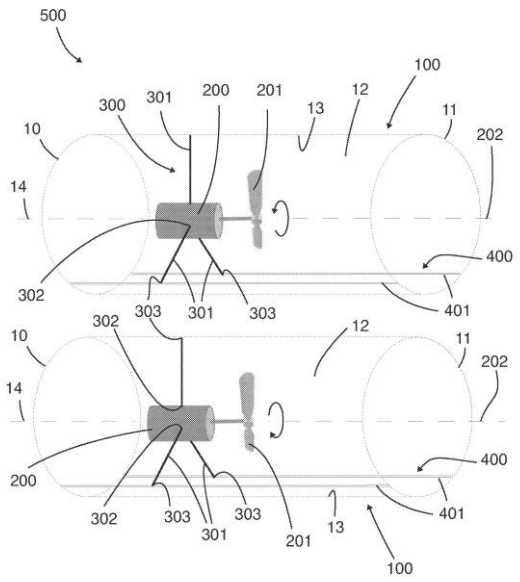


21: 2024/05757. 22: 2024/07/25. 43: 2025/10/28
51: B64G; F42B
71: WARPA (World Advance Research Project Agency)
72: GENESTE, Jean-François
33: FR 31: 2114570 32: 2021-12-28

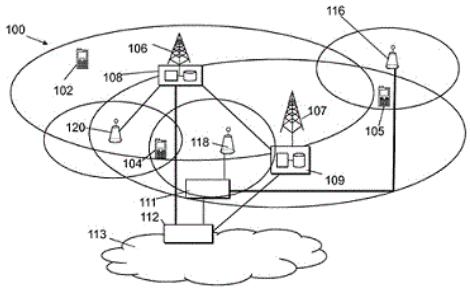
54: IMPULSE PROPULSION SYSTEM

00: -

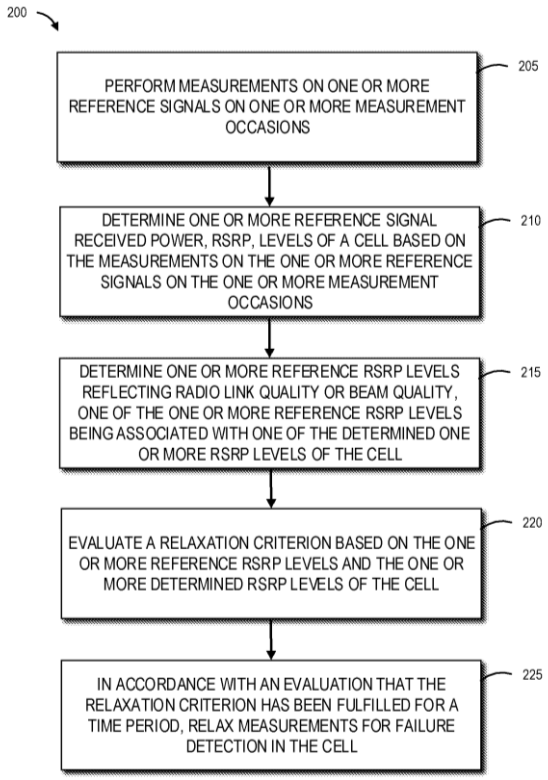
The invention relates to a propulsion system comprising a motor comprising a pair of parallel longitudinal tubes (100), each longitudinal tube comprising a first end (10) and a second end (11) and delimiting an internal volume (12) filled with a fluid. Each longitudinal tube (100) comprises: - a projectile (200), configured to move longitudinally in the internal volume, securely attached to a propeller (201), - a mechanism for launching the projectile in the internal volume (12) from the first end, the propeller (201) being designed to convert a translational movement of the projectile (200) into a rotational movement, - a device for slowing the rotation of the projectile (200) in the internal volume (12), this device being positioned at the second end, - a device for returning the projectile (200) toward the first end, - a device for dissipating heat, the propellers of the longitudinal tubes being contrarotating.



21: 2024/05913. 22: 2024/07/31. 43: 2025/11/06
51: H04L; H04M; H04W
71: NOKIA TECHNOLOGIES OY
72: WON, Sung Hwan, LEIS, Peter
33: EP 31: 22150532.4 32: 2022-01-07
54: METHOD AND APPARATUS TO PREVENT DENIAL OF CALL TRANSFER
00: -
Techniques for preventing denial of call transfer are provided. For example, a method, comprises: indicating, in an apparatus, that a call pull is initiated; categorizing, in the apparatus, an access attempt occurred for the call pull as a mobile-terminated access attempt; and making, in the apparatus, the access attempt to a network by transmitting a message to enable a process for the call pull, wherein the message includes a cause value set according to the categorization of the access attempt. The method may be performed by a user equipment (UE).

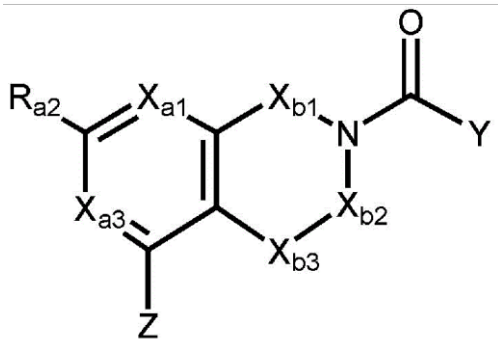


21: 2024/05918. 22: 2024/07/31. 43: 2025/11/06
51: H04W
71: NOKIA TECHNOLOGIES OY
72: DU, Lei, DALSGAARD, Lars
54: RELAXATION OF MEASUREMENTS FOR FAILURE DETECTION
00: -
Example embodiments of the present disclosure relate to a device, method, apparatus and computer readable storage medium for relaxing measurements for failure detection in a cell. In example embodiments, the device performs measurements on one or more reference signals on one or more measurement occasions. The device determines one or more reference signal received power, RSRP, levels of a cell based on the measurements on the one or more reference signals on the one or more measurement occasions. Further, the device determines one or more reference RSRP levels reflecting radio link quality or beam quality. One of the one or more reference RSRP levels being associated with one of the determined one or more RSRP levels of the cell. The device evaluates a relaxation criterion based on the one or more reference RSRP levels and the one or more determined RSRP levels of the cell. Moreover, the device relaxes measurements for failure detection in the cell, if it is evaluated that the relaxation criterion has been fulfilled for a time period.



21: 2024/06044. 22: 2024/08/06. 43: 2025/11/11
51: A61K; A61P; C07D
71: Chugai Seiyaku Kabushiki Kaisha
72: KIMBARA, Atsushi, HARADA, Takeo, KOMIYAMA (Deceased), Susumu, OKUYAMA, Mizuki, OHTAKE, Yoshihito, MURATA, Yoshihisa, SAITO, Rie
33: JP 31: 2022-001804 32: 2022-01-07
54: NITROGEN-CONTAINING HETEROCYCLIC COMPOUND HAVING NRF2 ACTIVATION EFFECT
00: -

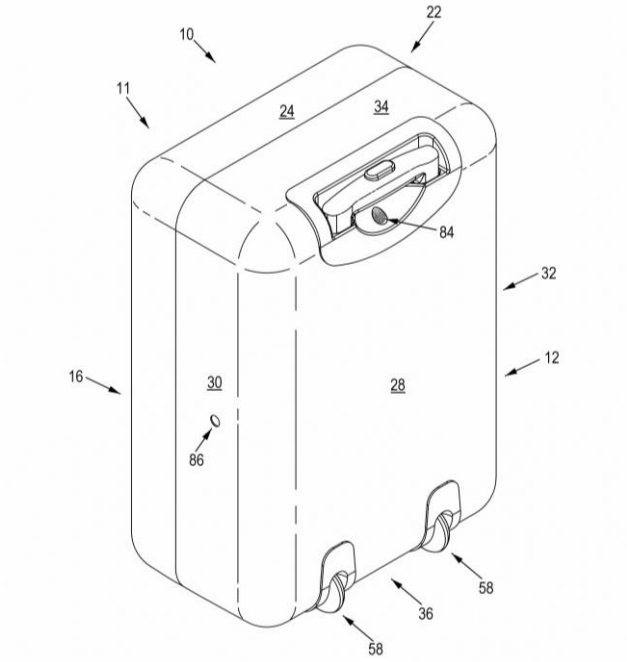
Provided is a compound able to activate Nrf2 and represented by formula (1), a salt thereof, or a solvate of these. Formula (1) (In the formula, X_{a1} is CR_{a1} or N, X_{a3} is CR_{a3} or N, R_{a1}, R_{a2}, and R_{a3} are each independently selected from the group consisting of hydrogen, halogens, and C_1–C_6 alkoxy groups, X_{b1}, X_{b2}, and X_{b3} are each independently selected from the group consisting of CH_2, O, NH, S, and C=O, Y is an optionally substituted C_6–C_{10} aryl or an optionally substituted 5– to 10-member heteroaryl, and Z is an optionally substituted C_6–C_{10} aryl, an optionally substituted 5– to 10-member heteroaryl, or an optionally substituted C_1–C_6 alkyl.



(1)

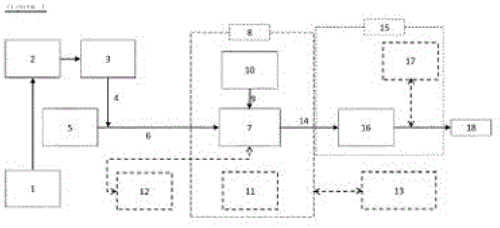
21: 2024/06104. 22: 2024/08/08. 43: 2025/11/11
51: A45C; E05B
71: MNCONO, Anathi
72: MNCONO, Anathi
33: ZA 31: 2023/05027 32: 2023-05-08
54: LUGGAGE ARRANGEMENT
00: -

The invention relates to a luggage arrangement. The luggage arrangement comprises a lid portion and a base portion; and a dual locking mechanism arranged on the luggage for locking and unlocking the lid portion relative to the base portion. The dual locking mechanism comprises a locking means for catchingly locking and unlocking the lid portion to the base portion, and an attachment means displaceable between an attaching position for attaching the lid portion to the base portion, and a detaching position for detaching the lid portion from the base portion.

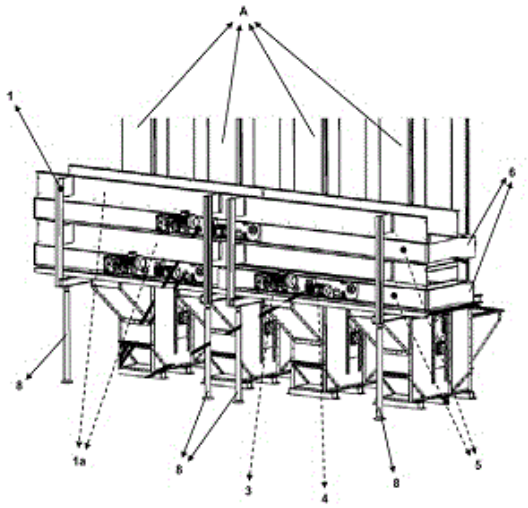


21: 2024/06226. 22: 2024/08/14. 43: 2025/12/05
51: B01D; F01N; F02D
71: SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
72: CRACKNELL, Roger Francis, RASHIDMANESH, Karim
33: EP 31: 22162833.2 32: 2022-03-17
54: DUAL FUEL ENGINE SYSTEM
00: -

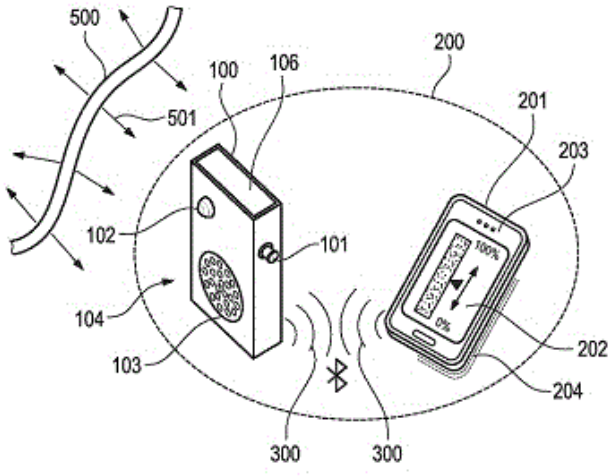
This invention provides a process for improving the sustainability of a dual-fuel engine system operated with a first liquid fuel and a second gaseous fuel, said process comprising providing to the engine system an EN15940 compliant paraffinic gasoil as the first liquid fuel and a gaseous fuel selected from ammonia, methanol, hydrogen and methane based gas as the second gaseous fuel, and combusting said fuels in an internal combustion engine system, wherein exhaust gases from combusting said fuels are contacted with a methane oxidation catalyst provided in the exhaust system of said internal combustion engine system.



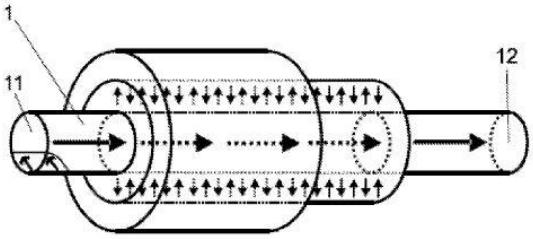
21: 2024/06521. 22: 2024/08/26. 43: 2025/11/28
51: B65G
71: ALTUNTAS HAVALANDIRMA TURIZM SANAYI TICARET ANONIM SIRKETI
72: ALTUNTAS, OSMAN
54: SLIDING BAND MULTI-ELEVATOR FILING SYSTEM NOT REQUIRING ELEVATOR PIT
00: -
A grain transfer system used in grain storage systems and providing installation of elevators enabling transfer of grain on an axis extending vertical to the ground directly on the ground and thus not needing drilling of an elevator pit. This provides a reduction of the number of system components used for the installation and maintenance operations period after installation, reduces total power consumption for system operation and the physical area used for installation.



21: 2024/07537. 22: 2024/10/03. 43: 2025/11/07
51: G01R
71: DEHN SE
72: STEHLE, MICHAEL, WAIGEL, ANDREAS
33: DE 31: 10 2022 105 066.1 32: 2022-03-03
54: PORTABLE VOLTAGE DETECTOR AND SYSTEM FOR WARNING OF VOLTAGE HAZARDS
00: -
A portable voltage detector (100) comprises a housing (106), a sensor circuit accommodated in the housing (106) for sensing electrical fields (501) within a detection range of the portable voltage detector (100) and an evaluation unit accommodated in the housing (106) for evaluating the sensed electrical fields, the evaluation unit being connected to the sensor circuit. A warning device (104) connected to the evaluation unit is configured to output a warning signal if the strength of an electrical field (501) sensed by the sensor circuit reaches or exceeds a warning threshold. A wireless communication interface of the portable voltage detector (100), which wireless interface is connected to the evaluation unit, is designed to receive a setting signal in order to define the warning threshold. A voltage source connected to the sensor circuit and to the communication interface is designed to be charged by means of an inductive charging unit.



21: 2024/07572. 22: 2024/10/04. 43: 2025/09/16
51: G01D; G01P
71: RVMAGNETICS, A.S.
72: VARGA, Rastislav
33: EP 31: 22166892.4 32: 2022-04-06
54: PHYSICAL QUANTITY MEASUREMENT SYSTEM AND/OR FOR POSITION MEASUREMENT WITH BISTABLE MAGNETIC WIRE, METHOD OF MEASUREMENT
00: -
The system for physical quantity measurement and/or for position measurement with a bistable magnetic wire (1), which comprises excitation element (2) for creating of magnetic field and a sensing element (3). Within the range of the magnetic field of the excitation element (2), a bistable magnetic wire (1) is placed, which has a first end (11) and an oppositely placed second end (12). The bistable magnetic wire (1) is adjusted for magnetization by a single Barkhausen jump from the first end (11) to the second end (12) or vice versa, wherein the excitation element (2) and bistable magnetic wire (1) are placed in a mutual position with an asymmetric magnetic field with respect to the bistable magnetic wire (1), where the size of the magnetic field excited by the excitation element (2) at the first end (11) is different from the size of the magnetic field excited by the excitation element (2) at the second end (12). The asymmetry of the magnetic field is created due to the mutual asymmetrical position of the excitation element (2) and the bistable magnetic wire (1) and/or due to the asymmetrical construction of the excitation element (2).



21: 2024/07656. 22: 2024/10/09. 43: 2026/01/05
51: C10M; C10N
71: FUCHS SE
72: Patrick FRIES, Olaf BINKLE
33: DE 31: 10 2022 111 794.4 32: 2022-05-11
54: BASE OIL AND LUBRICATING FLUID COMPOSITION CONTAINING SAID BASE OIL
00: -
The invention relates to a base oil comprising polyalphaolefins, polymer esters and polyalkylene glycols, and a lubricating fluid composition containing said base oil. The lubricating fluid composition can be used for lubricating transmissions and for use in hydraulic systems, particularly for lubrication in the food preparation industry.

21: 2024/07659. 22: 2024/10/09. 43: 2025/11/12
51: A61K
71: TRX BIOSCIENCES LIMITED
72: GOODING, Daniel, BREW, John, BANNISTER, Robin, M.
33: US 31: 63/269,330 32: 2022-03-14
33: EP 31: PCT/EP2022/058180 32: 2022-03-28
54: COMPOSITIONS HAVING IMPROVED BIOAVAILABILITY OF THERAPEUTICS AND USES THEREOF
00: -
The present specification discloses pharmaceutical composition disclosed herein comprises one or more fibrates, one or more glycerolipids, and one or more digestion enhancers. The disclosed glycerolipids comprise one or more hard fats and one or more liquid fats. The disclosed digestion enhancers comprise one or more bile acids, one or more phospholipids, one or more free C14-24 fatty acids, one or more free C14-24 fatty acid surfactants, or any combination thereof. The present specification also discloses methods and procedures to formulate the disclosed one or more fibrates into the disclosed pharmaceutical compositions. The present specification further discloses methods and uses of the disclosed pharmaceutical compositions in the

treatment of an inflammation and/or neuroinflammation.

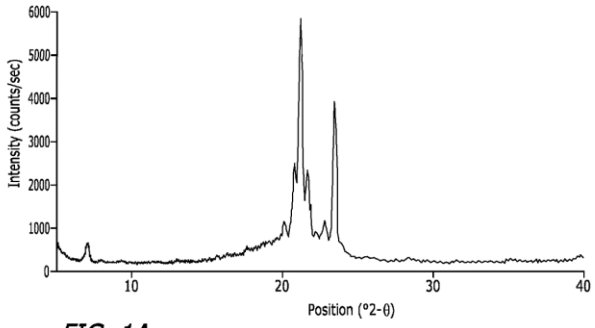
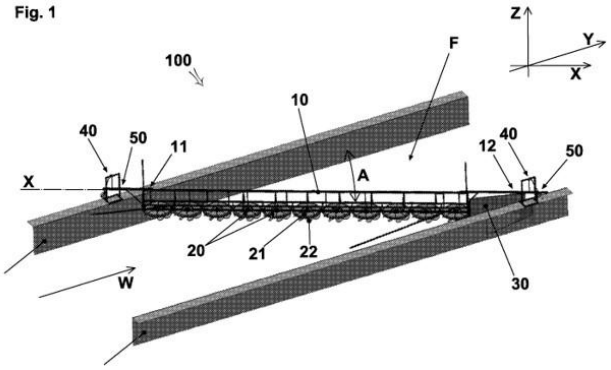


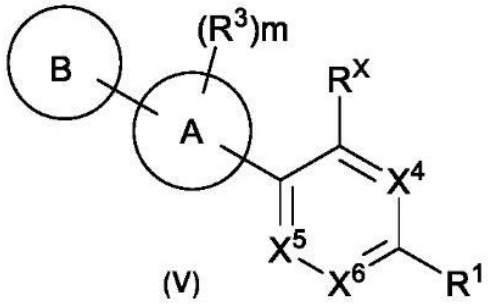
FIG. 1A

21: 2024/07665. 22: 2024/10/09. 43: 2026/01/05
51: E02B
71: MOLD SRL
72: Vanni COVOLO
33: IT 31: 102022000008063 32: 2022-04-22
54: SYSTEM FOR CLEANING RIVERS AND WATERWAYS IN GENERAL
00: -
The invention is a system (100) for cleaning rivers and waterways (F) in general, comprising a plurality of floating or non-floating modules (20) configured to rotate at least due to the effect of the thrusting action (W) exerted by the water, constraining means (10) configured to constrain two or more of said modules (20) so that they are substantially aligned with one another along at least one main direction (X), and wherein said constraining means (10) are configured in such a way as to ensure that a minimum clearance is provided between each of said modules (20) and the adjacent module, so that said modules (20) do not come in contact with each other during their normal operation and that each of said modules (20), through its own rotation, pushes waste towards one of the adjacent modules (20).

Fig. 1



21: 2024/07806. 22: 2024/10/15. 43: 2025/11/12
51: A61P; A61K; C07D
71: WUHAN HUMANWELL INNOVATIVE DRUG RESEARCH AND DEVELOPMENT CENTER LIMITED COMPANY
72: ZHANG, Xuejun, ZANG, Yang, LI, Qun, DING, Xiaohua, SUN, Xiaochuan, FU, Haoliang, ZHAO, Xin, CHENG, Zhenqi, LI, Li'e, YANG, Jun
33: CN 31: 202210400226.5 32: 2022-04-15
33: CN 31: 202211042750.6 32: 2022-08-29
33: CN 31: 202310104625.1 32: 2023-02-07
33: CN 31: 202310231297.1 32: 2023-03-03
33: CN 31: 202310387827.1 32: 2023-04-07
54: KIF18A INHIBITOR AND USE THEREOF
00: -
The present invention provides a heterocyclic compound as represented by formula V, or a tautomer, a stereoisomer, a hydrate, a solvate, a pharmaceutically acceptable salt or a prodrug thereof. The compound has a good KIF18A inhibitory effect.



21: 2024/07836. 22: 2024/10/16. 43: 2025/11/12
51: B60K; F01P; F04D
71: HORTON, INC.
72: REMICK, William, WENTZEL, Cody
33: US 31: 63/269,874 32: 2022-03-24
54: TAPERED ADAPTER FOR ROTATABLE ASSEMBLY AND ASSOCIATED METHOD

00: -
A kit (30) for use with a drivetrain of a rotatable assembly includes a tapered bushing (32), a tapered adapter (34), and a bushing lock (36). The tapered bushing includes a flange (32-1), a sleeve portion (32-2), a central opening (32C), a keyway (32-3) located along the central opening, at least one fastener hole (32-1F), and a tapered mating surface (32F) facing outward. The tapered adapter includes a hub body (34-1) with an end face portion (34-1E), an interior cavity (34-2), a threaded shaft (34-3), at least one fastener hole (34-4B) extending substantially axially through the hub body, and a tapered mating surface (34M) facing inward. The fastener hole(s) of the tapered adapter and tapered bushing are configured to align. The bushing lock includes a bushing lock central opening (36-1) extending axially, a keyway (36-3) located along the bushing lock central opening, and a fastener hole (36-2) extending substantially radially.

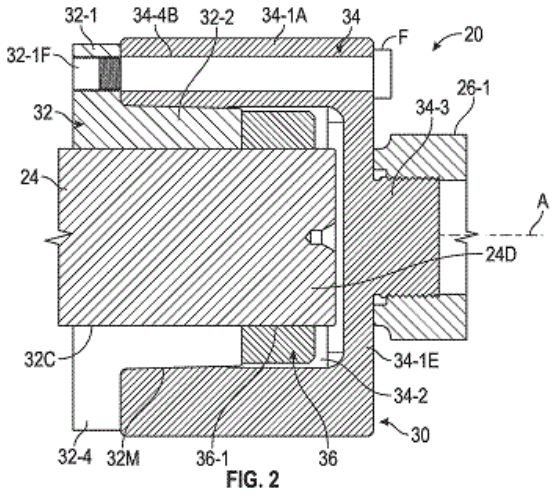
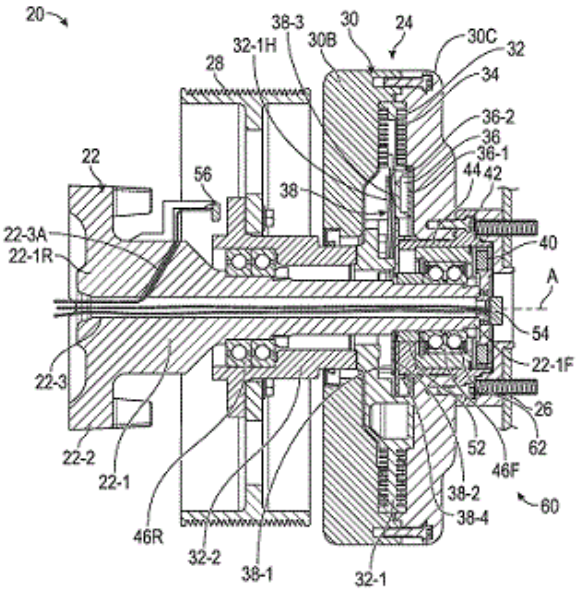


FIG. 2

21: 2024/07837. 22: 2024/10/16. 43: 2025/11/12
51: F16D
71: HORTON, INC.
72: ACKERMANN, Jonathan
33: US 31: 63/269,873 32: 2022-03-24
54: VISCOUS CLUTCH WITH FRONT-MOUNTED ELECTROMAGNETIC COIL, MODULAR VALVE AND FRONT HUB SUBASSEMBLIES FOR A VISCOUS CLUTCH, AND METHOD OF MAKING
00: -
A viscous clutch assembly (20) includes a rotationally fixed center shaft (22-1), a rotor (32) rotatably supported on the center shaft, a housing (30) rotatably supported on the center shaft, a working chamber (34), a reservoir (36) carried by the rotor, an electromagnetic coil (40) located at or near a front end (22-1F) of the center shaft, a valve subassembly (38) magnetically operable to control flow of a shear fluid between the reservoir and the working chamber, a flux guide (44) extending axially across a cover (30C) of the housing, and a magnetic flux insulating material (62; 46F) positioned adjacent to and radially inward from the flux guide. A flux circuit located forward of the rotor connects the electromagnetic coil and the valve subassembly and passes through the flux guide and the center shaft, with the magnetic flux insulating material at least partially surrounded by the flux circuit.



21: 2024/07838. 22: 2024/10/16. 43: 2025/11/18
51: C07F
71: DOW GLOBAL TECHNOLOGIES LLC
72: BISWAS, SOUVAGYA, BRAMMER, MICHAEL A, SPINNEY, HEATHER, FROESE, ROBERT, BERNALES, VARINIA, FIGUEROA, RUTH
33: US 31: 63/330,571 32: 2022-04-13
54: INDOLE-FUNCTIONALIZED BISPHOSPHORAMIDITES, METHODS FOR THE PREPARATION THEREOF, AND RHODIUM-LIGAND COMPLEX
00: -
An indole-functionalized bisphosphoramidite is disclosed which has a certain formula. A method for preparing a rhodium-ligand complex comprises

combining starting materials comprising: (I) a rhodium catalyst precursor, and (II) the indole-functionalized bisphosphoramidite; and optionally (III) a solvent.

21: 2024/07839. 22: 2024/10/16. 43: 2025/11/18
51: G05B; G06Q
71: CATERPILLAR INC.
72: BROCKHURST, RUSSELL A, BANHAM, MARK H. C, HARPOUR, JOHN S, WESLEY, CARLA L
33: US 31: 17/659,077 32: 2022-04-13

54: AVOIDING PROHIBITED SEQUENCES OF MATERIALS PROCESSING AT A CRUSHER USING PREDICTIVE ANALYTICS

00: -

A method (100) may include receiving, from at least one first machine (14), telemetry data. The at least one first machine (14) may be operable to transport materials from at least one material source location to at least one material destination location. The method (100) may further include sending at least one command to at least one machine (12-18) based on whether a predicted sequence of processing of materials by at least one second machine (16) at the at least one material destination location violates at least one prohibited sequence of processing. The predicted sequence of processing may be based on at least one of: a predicted sequence of arrival of the at least one first machine (14) at the at least one material destination location, material attribute data, destination queue data, or a score for the predicted sequence of arrival.

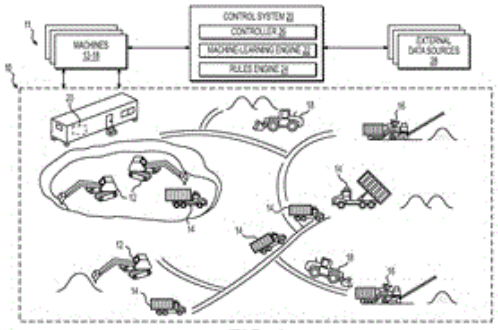


FIG. 1

21: 2024/07842. 22: 2024/10/16. 43: 2025/11/07
51: B01D
71: METSO FINLAND OY
72: GRÖNVALL, LARS
33: EP 31: 22172992.4 32: 2022-05-12

54: DISCHARGE ARRANGEMENT AND METHOD FOR HORIZONTAL FILTRATION EQUIPMENT AND HORIZONTAL FILTRATION EQUIPMENT

00: -

The disclosure relates to a discharge arrangement (10) for horizontal filtration equipment (1). The discharge arrangement (10) comprises a conveyor (11) configured to be provided below the horizontal filtration equipment (1) for receiving discharge material discharged from the horizontal filtration equipment, and a drive (15) for driving the conveyor (11). The drive (15) is configured to enable driving the conveyor (11) in two opposite directions. Thereby, material provided on the conveyor (11) can be discharged at either a first end (13) or a second end (14) depending on the direction in which the conveyor is driven.

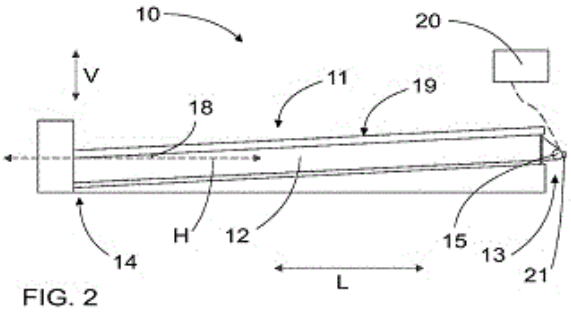


FIG. 2

21: 2024/07885. 22: 2024/10/17. 43: 2025/11/07
51: C11D
71: UNILEVER GLOBAL IP LIMITED
72: CUMMINS, ALISON, JONES, CRAIG WARREN, THOMPSON, KATHERINE MARY
33: EP 31: 22175695.0 32: 2022-05-27

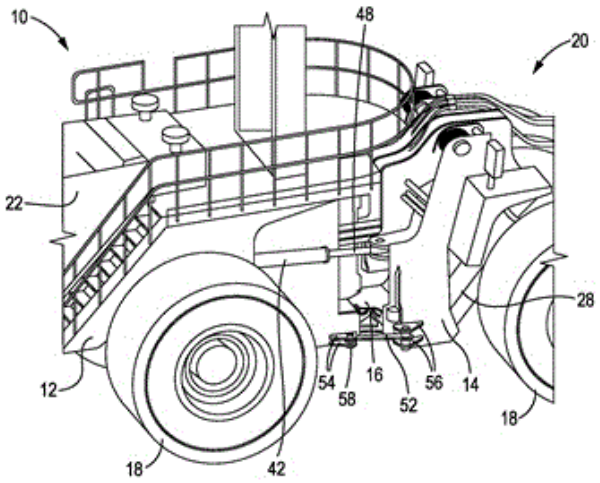
54: LAUNDRY LIQUID COMPOSITION COMPRISING A SURFACTANT, AN AMINOCARBOXYLATE, AN ORGANIC ACID AND A FRAGRANCE

00: -

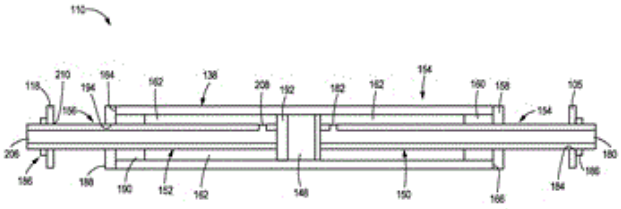
A laundry liquid composition comprising a surfactant, an aminocarboxylate, an organic acid and a fragrance, wherein the fragrance comprises a component selected from the group consisting of ethyl-2-methyl valerate, limonene, (4Z)-cyclopentadec-4-en-1-one, dihyromyrcenol, dimethyl benzyl carbonate acetate, spiro[1,3-dioxolane-2,5'-(4',4',8',8'- tetramethyl-hexahydro-3',9'-methanonaphthalene)], benzyl acetate, rose oxide, geraniol, methyl nonyl acetaldehyde, verdyl acetate, cyclamal, beta ionone, hexyl salicylate, tonalid, phenafleur, the benzene, toluene, 2-phenyl ethanol,

phenoxanol, habolonolide, hexyl salicylate, gamma decalactone, methyl dihydrojasmonate, dihydromycernol, linalool, terpinolene, camphor, citronellol, ethyl-2-methylbutyrate ethylene brassylate, and mixtures thereof.

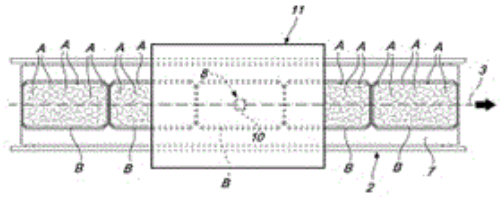
21: 2024/07895. 22: 2024/10/17. 43: 2025/11/18
51: A01B; B62D; B60R; B60K
71: CATERPILLAR INC.
72: BERNING, BEAU JAMES, MADERA, ROBERT JOSEPH, SCHERBINSKE, ROBERT A, ROBINSON, MARK A, BROOKER, JED, DENNING, DUSTIN DALE, SHOCKENCY JR., ROBERT E
33: US 31: 17/726,073 32: 2022-04-21
54: ALIGNMENT OF MACHINE TO INSTALL STEERING FRAME LOCK
00: -
A method for steering alignment calibration of an articulated machine having front and rear frames pivotally connected by an articulation joint to steer the machine may include displaying a steering alignment calibration screen with a target steering angle between the frames and a calculated steering angle. The calculated steering angle may be determined based on a sensed steering angle and a calibration steering angle. The machine is steered until the displayed calculated steering angle is equal to the target steering angle. If an actual steering angle of the machine is not equal to the target steering angle, further steering is performed until the actual steering angle is equal to the target steering angle. The calibration steering angle may be recalculated and stored for future use when the actual steering angle is equal to the target steering angle but the calculated steering angle is not equal to the target steering angle.



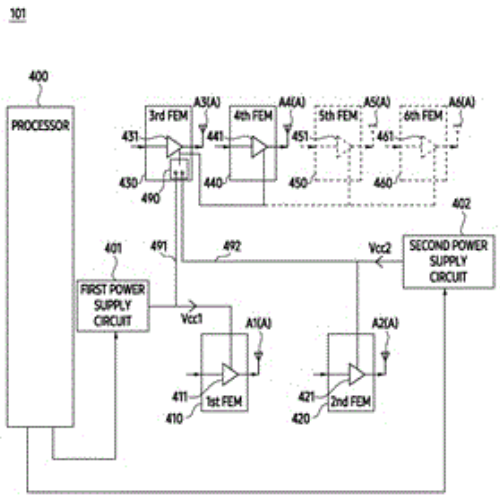
21: 2024/07921. 22: 2024/10/18. 43: 2025/11/18
51: E21B
71: CATERPILLAR INC.
72: NUTAKKI, SATISH, GOSLOVICH, KURT S, PONNUSAMY, ANANDA S, DEMICK, CHRISTOPHER J
33: US 31: 17/726,678 32: 2022-04-22
54: PULLDOWN APPARATUS
00: -
The pulldown apparatus (110) may comprise a main stage (154) and a secondary stage (156). The main stage (154) may comprise a cylinder (138), a main head (158), a main gland (160), a piston (148) and a main rod (150). The cylinder (138) defines a chamber (162) and includes a first end (164) and a second end (166). The main gland (160) and the piston (148) is disposed in the chamber (162). The main rod (150) is disposed in the chamber (162) between the piston (148) and the second end (166). The secondary stage (156) includes a secondary head (188), a secondary gland (190), a secondary rod (152) and a flange (192). The secondary gland (190) is disposed in the chamber (162). The secondary rod (152) is coupled to the flange (192). The flange (192) is coupled to the main stage (154) and disposed inside the cylinder (138) between the piston (148) and the secondary rod (152). The cylinder (138) is slidable over the main rod (150), the piston (148) and the secondary rod (152).



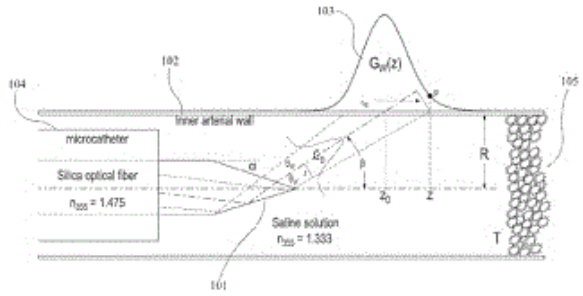
21: 2024/07925. 22: 2024/10/18. 43: 2025/11/07
51: B07C; G01N; G06T; G06M; B65G
71: UNITEC S.P.A.
72: BENEDETTI, LUCA
33: IT 31: 102022000008729 32: 2022-05-02
54: APPARATUS FOR PROCESSING FRUIT AND VEGETABLE PRODUCTS
00: -
An apparatus for processing fruit and vegetable products (A), which comprises at least first means (2) adapted to move containers (B) of fruit and vegetable products (A), filled with indiscriminate masses of a specific type of product (A), along at least one first conveyance line (3), which leads to at least one device (4) for emptying the containers (B), which is adapted to feed, with the fruit and vegetable products (A) evacuated from the containers (B), second means (5) adapted to move said fruit and vegetable products (A) along at least one second conveyance line (6). The apparatus comprises a detection system (8), which is for the acquisition of at least one data item related to the content of the containers (B).



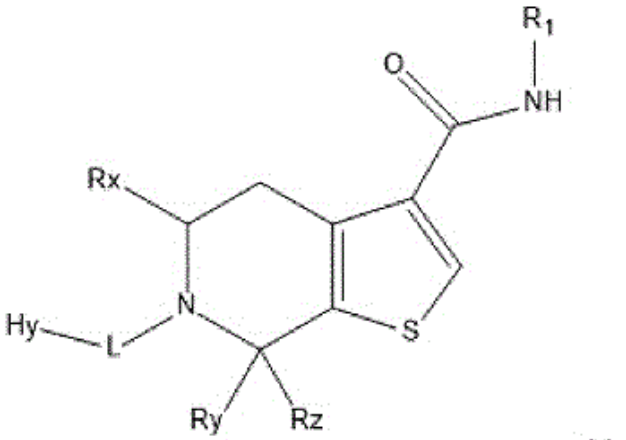
21: 2024/07946. 22: 2024/10/21. 43: 2025/11/07
51: H04B
71: SAMSUNG ELECTRONICS CO., LTD.
72: MOON, YOHAN, NA, HYOSEOK, YANG, DONGIL, YOO, JONGHUN
33: KR 31: 10-2022-0054488 32: 2022-05-02
33: KR 31: 10-2023-0042108 32: 2023-03-30
33: KR 31: 10-2022-0106489 32: 2022-08-24
54: FEM COMPRISING SWITCH, AND ELECTRONIC DEVICE COMPRISING SAME
00: -
An electronic device according to various embodiments comprises a first power supply circuit, a second power supply circuit, a switch, a first radio frequency front end (FEM), a second FEM, a third FEM, a fourth FEM, and a processor, wherein, in order to transmit a signal using a third PA in the third FEM or a fourth PA in the fourth FEM operating on the basis of a second voltage provided from the second power supply circuit, on the basis of transmitting a signal using a first PA in the first FEM operating on the basis of a first voltage provided from the first power supply circuit, the processor can electrically connect the third PA and the fourth PA through the second power supply circuit and the switch. Various other embodiments may be possible.



21: 2024/07947. 22: 2024/10/21. 43: 2025/11/07
51: A61B; A61N
71: ENDO UV TECH
72: WATSON, BRANT D, VAN VURST, HENRY W
33: US 31: 63/322,821 32: 2022-03-23
54: DEVICE AND METHOD FOR DILATION OF A TUBULAR ANATOMICAL STRUCTURE
00: -
Described is a method and device for dilating a tubular anatomical structure. The device and method can be useful for extracting a blood clot in an artery of a mammal by concentrically irradiating an inner wall of the occluded artery using an ultraviolet (UV) laser beam delivered by an optical fiber. Dilation results from photophysical production and release of nitric oxide from the cells lining the arterial wall when UV laser light is projected as a ring beam onto the inner arterial wall.

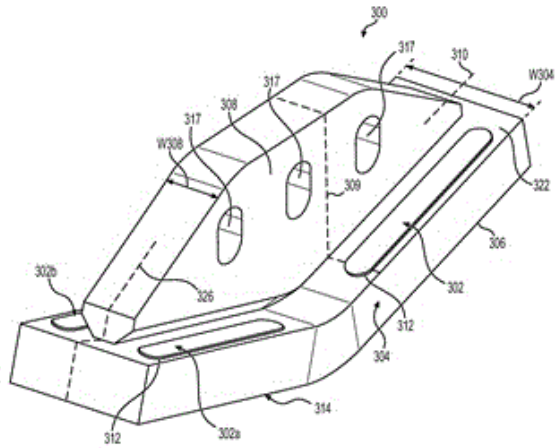


21: 2024/07966. 22: 2024/10/22. 43: 2025/11/07
51: A61P; A61K; C07D
71: CHIESI FARMACEUTICI S.P.A.
72: CARZANIGA, LAURA, RIZZI, ANDREA, IOTTI, NICOLÒ, RANCATI, FABIO, KARAWAJCZYK, ANNA, WOLEK, BARBARA KAROLINA, CLARK, DAVID EDWARD, MULLINS, TOBY MATTHEW GROVER, KNIGHT, KEITH CHRISTOPHER, WHITTAKER, BEN PAUL, LEVANTO, STEFANO
33: EP 31: 21209682.0 32: 2021-11-22
33: EP 31: 21165288.8 32: 2021-03-26
54: TETRAHYDROTHIENO PYRIDINE DERIVATIVES AS DDRS INHIBITORS
00: -
The present invention relates to compounds of general formula (I) inhibiting Discoidin Domain Receptors (DDR inhibitors), methods of preparing such compounds, pharmaceutical compositions containing them and therapeutic use thereof. The compounds of the invention may be useful for instance in the treatment of many disorders associated with DDR mechanisms.

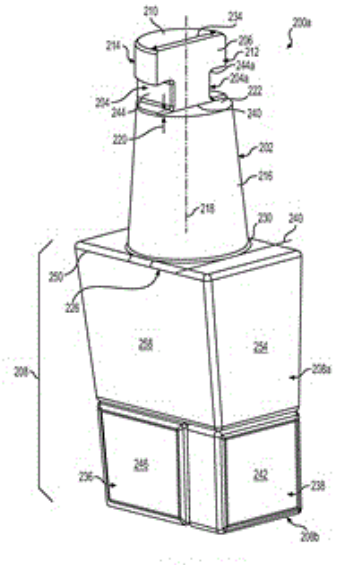


(I)

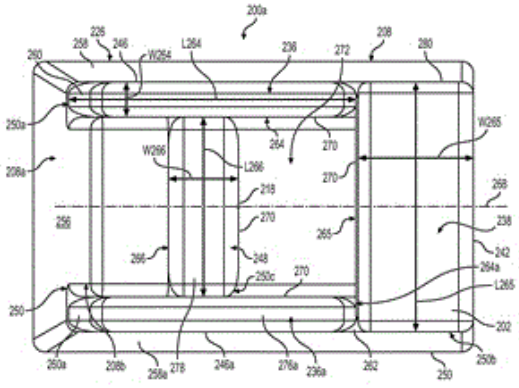
21: 2024/07975. 22: 2024/10/22. 43: 2025/11/18
51: E02F; E01C
71: CATERPILLAR INC.
72: PARZYNSKI, DAVID B. JR, CONGDON, THOMAS M, SCHAFER, BENJAMIN T
33: US 31: 17/723,732 32: 2022-04-19
54: WEAR MEMBER INCLUDING A DISPERSIBLE WEAR INDICATOR
00: -
A wear member (300) includes an attachment portion (308), and a wear portion (304) extending from the attachment portion (308) that defines a working surface (306). The wear portion (304) has a dispersible wear indicator (302) that is disposed in the wear portion (304), and that is spaced a predetermined distance (311) away from the wear surface (W306).



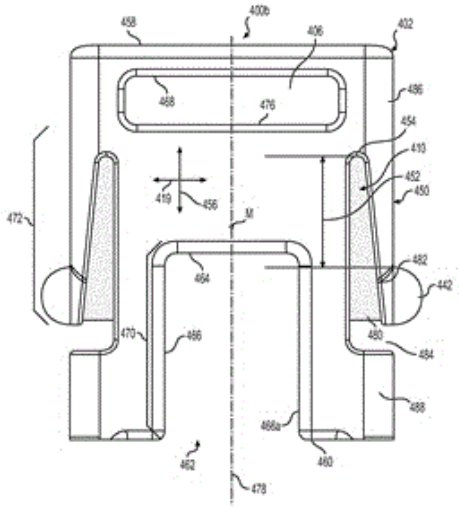
21: 2024/07976. 22: 2024/10/22. 43: 2025/11/18
51: E02F; E21C
71: CATERPILLAR INC.
72: PARZYNSKI JR., DAVID B, CONGDON, THOMAS M
33: US 31: 17/729,211 32: 2022-04-26
54: TOOL BIT AND ADAPTER BOARD
00: -
A tool bit (200) includes a working portion (208), and a shank (202) defining a shank free end (210). A slot (204, 204a) is spaced away from the shank free end (210), and a flat (206) extends perpendicularly to the slot (204, 204a).



21: 2024/07978. 22: 2024/10/22. 43: 2025/11/18
51: E02F
71: CATERPILLAR INC.
72: PARZYNSKI JR., DAVID B, CONGDON, THOMAS MARSHALL
33: US 31: 17/729,242 32: 2022-04-26
54: WASHOUT PROTECTION FOR A BIT
00: -
A tool bit (200) includes a shank portion (202) defining an axis (218) of revolution, and a working portion (208) including a plane (228) that is perpendicular to the axis (218) of revolution, defining a perimeter in the plane (228) and surrounding the shank portion (202). The working portion (208) defines a bottom pocket surface (262) that defines a pair of side pockets (264, 264a), and a front pocket (265) that forms a "U shape" with the pair of side pockets (264, 264a).

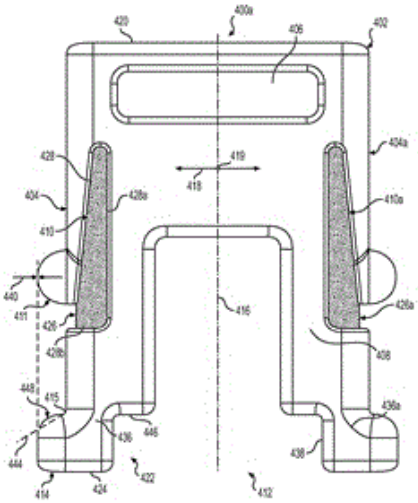


21: 2024/07979. 22: 2024/10/22. 43: 2025/11/18
51: E02F; F16B
71: CATERPILLAR INC.
72: PARZYNSKI JR., DAVID BRUNO, CONGDON, THOMAS MARSHALL, WELLS, COREY MICHAEL
33: US 31: 17/729,360 32: 2022-04-26
54: FRONT ACCESS FOR BIT RETENTION
00: -
A spring clip (400, 400a, 400b) defines an axis of movement (456), and includes a handle portion (402) disposed at a first end (458) along the axis of movement (456), and a tool bit engaging portion (470) disposed at a second end (460) along the axis of movement (456). Also, an adapter board engaging portion (472) is disposed at least partially between the handle portion (402), and the tool bit engaging portion (470) along the axis of movement (456).



21: 2024/07980. 22: 2024/10/22. 43: 2025/11/18
51: E02F
71: CATERPILLAR INC.
72: PARZYNSKI JR., DAVID B, CONGDON, THOMAS M
33: US 31: 17/729,301 32: 2022-04-26
54: RETAINING SPRING CLIP AND ADAPTER BOARD
00: -
A retaining spring clip (400, 400a) includes an elongated body defining a longitudinal direction (416), a lateral direction (418) that is perpendicular to the longitudinal direction (416), and a transverse direction (419) that is perpendicular to the lateral direction (418) and the longitudinal direction (416). A handle (402) is disposed proximate to a first

longitudinal end (420), an intermediate spring (404, 404a) is disposed along the longitudinal direction (416), and a stepped groove (422) is disposed proximate to a second longitudinal end (424). A triangular shaped void (410, 410a) forms a backside of the intermediate spring (404, 404a), and a void filler (426, 426a) is disposed in the triangular shaped void (410, 410a).

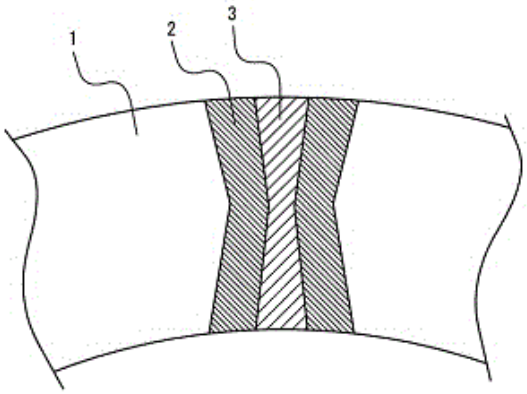


21: 2024/08025. 22: 2024/10/23. 43: 2025/11/07
51: C22C; B21B; B21C; B22D; B23K; C21D
71: JFE STEEL CORPORATION
72: MATSUMOTO, AKIHIDE, IDE, SHINSUKE, MATSUMOTO, ATSUSHI, NAKAZAWA, RYO
33: JP 31: 2022-076721 32: 2022-05-06

54: HOT-ROLLED STEEL SHEET AND METHOD OF PRODUCING SAME, AND ELECTRIC RESISTANCE WELDED STEEL PIPE OR TUBE AND METHOD OF PRODUCING SAME

00: -

It is provided a hot-rolled steel sheet as the material of an electric resistance welded steel pipe or tube with high strength and excellent workability and toughness, which is suitable for a machine structural steel pipe or tube used as a part of an automobile, construction machinery, or industrial machinery. The hot-rolled steel sheet has a predetermined chemical composition and has a steel microstructure at the sheet thickness center with a volume fraction of bainite of 90 % or more and the balance containing one or more of ferrite, pearlite, martensite, and austenite. The above steel microstructure at the sheet thickness center further has an average grain size of 10.0 mm or less, a volume fraction of crystal grains with a grain size of 40.0 mm or more, and a number density of Ti-based inclusions with a long diameter length of 5.0 mm or more of 20 pieces/mm^{2}or less.

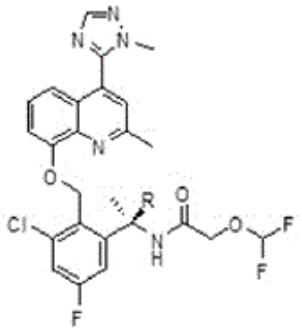


21: 2024/08058. 22: 2024/10/24. 43: 2025/11/07
51: A61K; A61P
71: PHARVARIS GMBH
72: GIBSON, CHRISTOPH
33: EP 31: 22164462.8 32: 2022-03-25

54: SOLID COMPOSITION COMPRISING SOLUBILISED BRADYKININ B2-RECEPTOR ANTAGONISTS

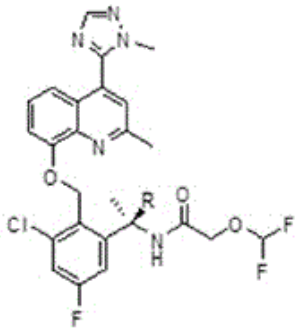
00: -

The invention relates to solid dispersions for oral administration comprising a bradykinin B2 receptor antagonist having a chemical structure according to Formula (1), or a salt or solvate thereof, wherein R is deuterium or hydrogen: Formula (1) such as (S)-./V-(l-deutero-l-(3-chloro-5-fluoro-2-((2-methyl-4-(l-methyl-l/f-l,2,4-triazol-5- yl)quinolin-8-yloxy)methyl)phenyl)ethyl)-2-(difluoromethoxy)acetamide. The solid dispersions comprise the BK B2 receptor antagonist in the amorphous form and homogeneously dispersed in a pharmaceutically acceptable polymer. Furthermore, methods for preparation and uses of the solid dispersions, including therapeutic uses, are provided.



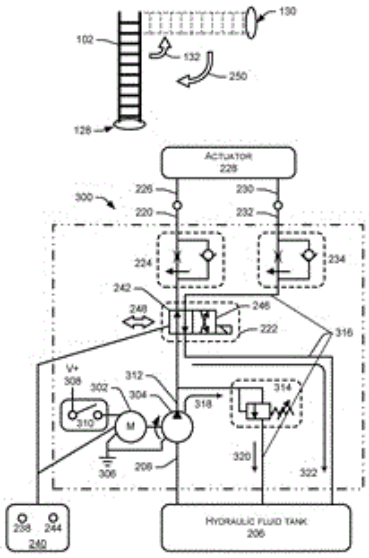
(1)

21: 2024/08059. 22: 2024/10/24. 43: 2025/11/07
51: A61K; A61P
71: PHARVARIS GMBH
72: GIBSON, CHRISTOPH
33: EP 31: 22164471.9 32: 2022-03-25
54: SOLID EXTENDED-RELEASE COMPOSITION COMPRISING BRADYKININ B2-RECEPTOR ANTAGONISTS
00: -
The invention relates to pharmaceutical matrix tablets for oral administration comprising a bradykinin B2 receptor antagonist having a chemical structure according to Formula (1), or a salt or solvate thereof, wherein R is deuterium or hydrogen: Formula (1) such as (S)-lV-(l-deutero-l-(3-chloro-5-fluoro-2-((2-methyl-4-(l-methyl-l//-l,2,4-triazol-5-yl)quinolin-8-yloxy)methyl)phenyl)ethyl)-2-(difluoromethoxy)acetamide. The matrix tablets reliably provide extended release of the bradykinin B2 receptor antagonist which makes them particularly suitable for prophylactic and/or chronic therapies. Therapeutic uses of the matrix tablets are provided.



(1)

21: 2024/08070. 22: 2024/10/25. 43: 2025/11/18
51: E06C; B60R
71: CATERPILLAR INC.
72: GERGES, RAYMOND B, JACKSON, MICHAEL T
33: US 31: 17/733,832 32: 2022-04-29
54: LADDER MOTOR PUMP SYSTEM
00: -
A ladder motor pump system (300) comprises a hydraulic fluid tank (206) that holds hydraulic fluid, a hydraulic pump (304) that draws and pressurizes the hydraulic fluid from the hydraulic fluid tank (206), a one-way electric motor (302) that drives the hydraulic pump (304), a hydraulic ladder actuator (228) that actuates a ladder (102) in first (128, 132, 130) and second (130, 250, 128) patterns, a hydraulic fluid circuit (316) that routes the hydraulic fluid from the hydraulic ladder actuator (228) to the hydraulic fluid tank, and a regulator (222) that routes the pressurized hydraulic fluid from an outlet (312) of the hydraulic pump (304) to the hydraulic fluid tank (206) when a pressure of the pressurized hydraulic fluid exceeds a preselected threshold pressure, mixing the pressurized hydraulic fluid with the unpressurized hydraulic fluid in the hydraulic fluid tank (206) and reducing temperature of the pressurized hydraulic fluid. The electric motor (302) and the pump (304) include bosses providing increased ground connections to the electrical ground (306), thereby reducing electrical resistance and heat generated.



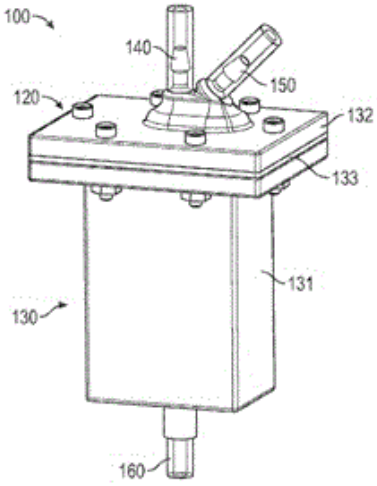
21: 2024/08073. 22: 2024/10/25. 43: 2025/11/07
51: C12M; A61F; C12N
71: 3D BIOLABS, LLC
72: VACANTI, JOSEPH PHILLIP, HANCOCK, MATTHEW JAMES, LIEBERTHAL, TYLER,

MATTSON, NICOLE, NEVILLE, CRAIG, SAHAKYANTS, TATEVIK
33: US 31: 63/333,905 32: 2022-04-22
33: US 31: 63/495,046 32: 2023-04-07

54: LIQUID-TIGHT CASE FOR TISSUE DEVICE AND SYSTEM HAVING SAME

00: -

A liquid-tight case includes a housing to enclose a tissue device, which has a first channel network and a second channel network in fluidic communication with the first channel network. The liquid-tight case also includes a first inlet port, a second inlet port, and at least one outlet port. The first inlet port is formed at or coupled with the housing, and configured to be in fluidic communication with the first channel network of the tissue device. The second inlet port is formed at or coupled with the housing, and configured to be in fluidic communication with the second channel network of the tissue device. The at least one outlet port is formed at or coupled with the housing. The liquid-tight case allows the tissue device to have more flexible and more complex design with more suitable or modified materials for cell migration and tissue formation.

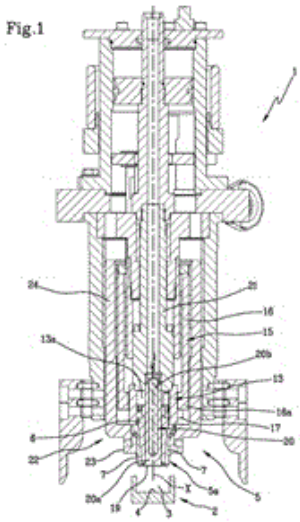


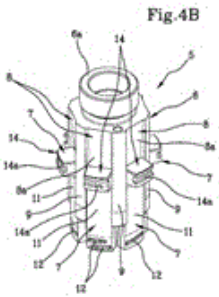
21: 2024/08074. 22: 2024/10/25. 43: 2025/11/07
51: B29C; B29K; B29L
71: SACMI COOPERATIVA MECCANICI IMOLA SOCIETÀ COOPERATIVA
72: PUCCI, FABRIZIO, PARRINELLO, FIORENZO, ZANOTTI, DAVIDE, PIRAZZOLI, FRANCESCO, MAZZOTTI, GIOVANNI, BALDUCCI, ELEONORA
33: IT 31: 102022000010850 32: 2022-05-25

54: COMPRESSION MOULDING DEVICE AND METHOD

00: -

Described is a compression moulding device and method, wherein the device comprises: a female element (2) for housing a dose made of material suitable for compression moulding; a male punch (5) which can be at least partly inserted in the female element (2) to compress said dose and make a relative product; wherein said punch (5) has an outer surface (10) for moulding the dose, and wherein said punch (5) comprises a first portion (6) slidable relative to at least a second portion (7) between a moulding condition wherein the second portion (7) radially compresses the dose against the female element (2) and a collapsed condition wherein the second portion (7) is radially retracted away from the dose.





21: 2024/08076. 22: 2024/10/25. 43: 2025/11/07
51: C07D; A61P; A61K
71: GENENTECH, INC.
72: LANDRY, MATTHEW LEO, NILEWSKI, CHRISTIAN, SIU, MICHAEL, VILLEMURE, ELISIA, WANG, YONG, WEI, BINQING, ASHLEY, MELISSA ANN, DO, STEVEN, GAZZARD, LEWIS JOHN, GREEN, SAMANTHA ALYSON
33: US 31: 63/343,959 32: 2022-05-19

54: AZA-TETRACYCLIC OXAZEPINE COMPOUNDS AND USES THEREOF

00: -

Provided herein are aza-tetracyclic oxazepinyl compounds useful in the treatment of cancers.

21: 2024/08077. 22: 2024/10/25. 43: 2025/11/07
51: G06Q; G06N
71: CATERPILLAR INC.
72: WULF, STEFAN J, LANE, CAMERON T, YUN, ANDREW S
33: US 31: 17/936,462 32: 2022-09-29
33: US 31: 63/355,410 32: 2022-06-24
54: SYSTEMS AND METHODS FOR MANAGING ASSIGNMENTS OF TASKS FOR WORK MACHINES USING MACHINE LEARNING
00: -
Systems and methods are disclosed for managing task assignments (214) for a plurality of work machines (107) at a site (100). An assignment engine (220) may: receive first state data (206) for a work machine including historical data, operating condition, and location data, and second state data (206) for the site (100) including characteristic data for materials and a plurality of available tasks; predict performance data and energy consumption data of the work machine for a task; select a task for the work machine by inputting first state data (206) and second state data (206) into a trained reinforcement-learning model (228), wherein: the model (228) has been trained to learn an assignment policy (230) that optimizes a reward function (232) such that the learned policy selects a task for at least one work machine from the plurality of tasks available at the site (100); and cause the at least one work machine to be operated according to the at least one task assignment (214).

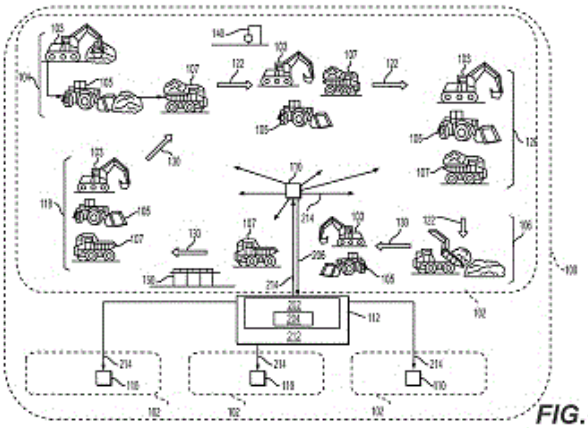
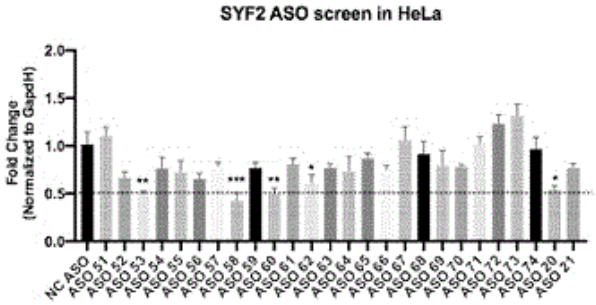


FIG. 1

21: 2024/08127. 22: 2024/10/28. 43: 2025/11/07
51: C12N
71: ACURASTEM INCORPORATED
72: LEE, EMILY ELIZABETH, CHANG, WEN-HSUAN
33: US 31: 63/363,729 32: 2022-04-28
54: SYF2 ANTISENSE OLIGONUCLEOTIDES
00: -
The present invention relates to SYF2 antisense oligonucleotides (ASOs), pharmaceutical compositions containing them, and methods for treating, inhibiting, suppressing, and preventing neurological diseases with them.



21: 2024/08153. 22: 2024/10/29. 43: 2025/11/07
51: E06B
71: RENTOKIL INITIAL 1927 PLC
72: JONES, CRAIG, BROWN, MARK, CHISHOLM, EMMA, DEXTER, NIKKI, PLOWMAN, SAM
33: GB 31: 2207226.8 32: 2022-05-17
54: DOOR SEAL FOR PREVENTING THE PASSAGE OF RODENTS
00: -
A door seal for spanning a gap between a door and a surface adjacent to the edge of the door, to prevent the passage of rodents. The door seal is arranged to be mounted on an edge of the door. The door seal comprises a flexible hollow cylinder formed of an elastomeric material, and a cylinder of knitted barrier material positioned inside the flexible hollow cylinder. The exterior surface of the cylinder of knitted barrier material is in contact with the interior surface of the flexible hollow cylinder.

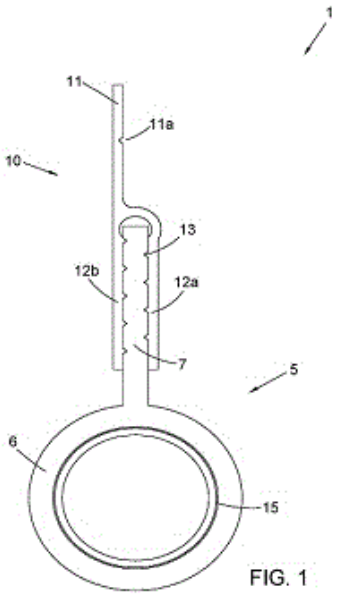


FIG. 1

21: 2024/08155. 22: 2024/10/29. 43: 2025/11/11
51: C07C
71: CHEVRON PHILLIPS CHEMICAL COMPANY LP
72: SMALL, BROOK L, WEBSTER-GARDINER, MICHAEL S
33: US 31: 17/824,960 32: 2022-05-26
54: NORMAL ALPHA OLEFIN SYNTHESIS USING DECARBONYLATIVE OLEFINATION
00: -
An alpha olefin synthesis process includes (i) subjecting a first normal alpha olefin to hydroformylation in the presence of carbon monoxide and hydrogen to form a first linear aldehyde, (ii) subjecting the first linear aldehyde to decarbonylative olefination to form a linear internal olefin, (iii) subjecting the linear internal olefin to isomerization-hydroformylation in the presence of carbon monoxide and hydrogen to form a second linear aldehyde, and (iv) subjecting the second linear aldehyde to hydrogenation to form a linear alcohol followed by dehydration to form a second normal alpha olefin, or subjecting the second linear aldehyde to combined hydrogenation-dehydration in a single step to form a second normal alpha olefin. Using this process, for example, ethylene can be converted to 1-hexene, and 1-butene can be converted to 1-decene.

21: 2024/08198. 22: 2024/10/30. 43: 2025/11/18
51: F04B
71: CATERPILLAR INC.
72: POVILONIS, ROMAS J, MORK, DAVID A
33: US 31: 17/736,247 32: 2022-05-04
54: PUMP HAVING A FLANGE FOR MOUNTING AN AUXILIARY PUMP
00: -
A pump (38) is disclosed. The pump may have a housing (54) connectable to a transmission (20) of a machine adjacent a front end (42) of the pump. The pump may also have a flange (52) attached to the housing adjacent a rear end (48) of the pump. The flange may have a longitudinal axis (90) extending along a length of the flange, and a transverse axis (92) extending along a width of the flange. The flange may also have a first mounting hole (94) configured to connect an auxiliary pump to the flange. Further, the flange may have a second mounting hole (102) configured to connect a bracket to the flange. The first mounting hole may be positioned on a first axis (100) inclined at an acute angle relative to the longitudinal axis of the flange.

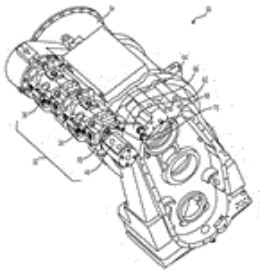


FIG. 2

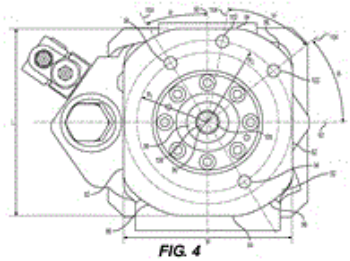


FIG. 4

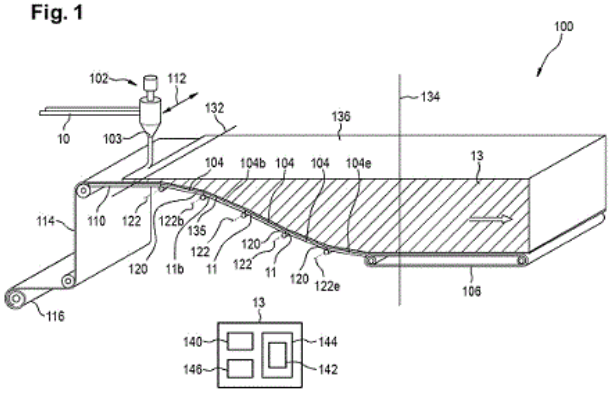
21: 2024/08199. 22: 2024/10/30. 43: 2025/11/12
51: B01J; C07C; C08G; C08J
71: EVONIK OPERATIONS GMBH
72: REINSBERG, Philip, Heinrich, RUWWE, Johannes, WOLF, Jörn, Klaus, Erich, GÄRTNER, Felix, MALTER, Jutta, ROETTGER, Dirk
33: EP 31: 22166568.0 32: 2022-04-04
54: IMPROVED METHOD FOR THE DEPOLYMERIZATION OF POLYETHYLENE TEREPHTHALATE

00: -
The present invention relates to a method for the depolymerization of polyethylene terephthalate (PET), in which method PET is reacted with sodium glycolate or potassium glycolate which has been obtained via reactive distillation, to form a mixture M1 comprising bis(2-hydroxyethyl) terephthalate (BHET). The method according to the invention is characterized in that BHET forms a particularly high proportion of the cleavage products in the mixture M1. As a result, the method according to the invention provides a high yield of BHET, which can be used directly to produce PET again. The present invention therefore also relates to a method for recycling PET, in which method the BHET that is obtained in the method for the depolymerization of PET and, if necessary, has been further purified from M1, is repolymerized to form PET.

21: 2024/08200. 22: 2024/10/30. 43: 2025/11/12
51: C08G; C08J; C08L
71: EVONIK OPERATIONS GMBH
72: REINSBERG, Philip, Heinrich, HORN, Michael, RUWWE, Johannes, WEINER, Marc
33: EP 31: 22166553.2 32: 2022-04-04
54: IMPROVED METHOD FOR DEPOLYMERISING POLYETHYLENE TEREPHTHALATE
00: -
The invention relates to a method for depolymerising polyethylene terephthalate ("PET"), in which PET is reacted with electrolytically prepared alkali metal glycolate, in particular sodium or potassium glycolate, to form a mixture M1 comprising bis(2-hydroxyethyl) terephthalate ("BHET"). The method according to the invention is characterised in that BHET accounts for a particularly high proportion of the breakdown products in the mixture M1. As a result, the method according to the invention provides a high yield of BHET, which can be used directly for renewed PET production. The present invention also relates to a method for recycling PET, in which the BHET obtained in the method for depolymerising PET is polymerised again to PET, optionally after further purification from M1.

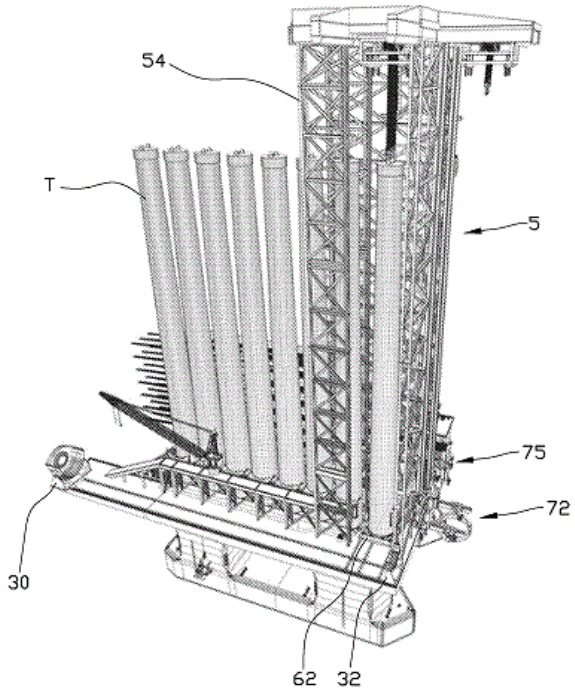
21: 2024/08202. 22: 2024/10/30. 43: 2025/11/12
51: B29C
71: EVONIK OPERATIONS GMBH
72: LANDERS, Rüdiger, TOMUSCHAT, Philipp, KIWITT, Jörn
33: EP 31: 22167344.5 32: 2022-04-08
54: SYSTEM AND METHOD FOR DETERMINING PARAMETERS FOR FOAM PRODUCTION
00: -
A method for determining machine parameters of a foam production machine is provided. The foam production machine includes a mixing head configured to mix precursor reagents for forming a reactive mixture, a plurality of inclined fall plates, where a first inclined fall plate is configured to receive the reactive mixture, and where each inclined fall plate has vertically adjustable ends, and a conveyor configured to receive the reactive mixture from a last inclined fall plate, the conveyor having an adjustable conveyor speed. The method includes executing software by a computer system, including accessing a database for reading a rise profile for the reactive mixture of the precursor reagents and computing, based on the rise profile, vertical positions for the ends of each inclined fall plate and the conveyor speed resulting in a predefined predicted profile of the reactive mixture on the plurality of inclined fall plates.

Fig. 1



21: 2024/08203. 22: 2024/10/30. 43: 2025/11/12
51: B63B; B66C; F03D
71: FRIGSTAD ENGINEERING (NORWAY) AS
72: FRIGSTAD, Harald
33: NO 31: 20220427 32: 2022-04-08
54: A DEVICE AND A METHOD FOR FACILITATING ASSEMBLING OF A WIND TURBINE
00: -
A device (1) and a method for assembling a wind turbine (WT), the device (1) comprising: an assembling structure (5) comprising; - a space for

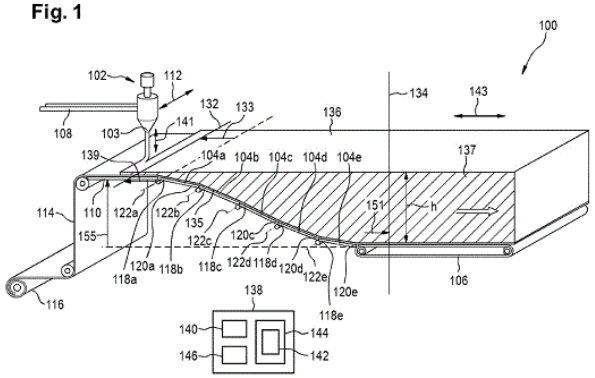
assembling a tower and a nacelle of a wind turbine (WT), the space being defined by side portions (51, 52, 53, 54) of the assembling structure, - a hoisting device (12, 12') configured for handling the wind turbine tower and for hoist- ing the nacelle onto a top of the wind turbine tower while being positioned within said space, the hoisting device (12, 12') being movably connected to a hoisting device support structure (10) arranged on top of the assembling structure, wherein the device (1) further comprising: - a support arrangement for supporting a portion of the wind turbine at least when being within said space; and - a rotor blade manipulator (20) for bringing rotor blades (R) in contact with the nacelle.



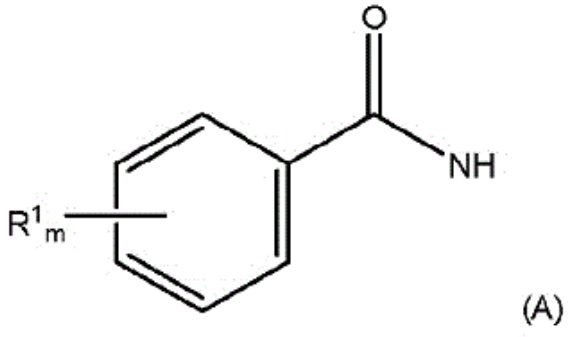
21: 2024/08204. 22: 2024/10/30. 43: 2025/11/12
51: B01J; C07C; C08G; C08J
71: EVONIK OPERATIONS GMBH
72: REINSBERG, Philip, Heinrich, SCHRÖDER, Moritz, RUWWE, Johannes, MALTER, Jutta, THUM, Oliver
33: EP 31: 22166566.4 32: 2022-04-04
54: IMPROVED PROCESS FOR DEPOLYMERISING POLYETHYLENE TEREPHTHALATE
00: -
The present invention relates to a process for depolymerising polyethylene terephthalate ("PET"), in which method PET is reacted with sodium glycolate or potassium glycolate, which has been obtained by reactive distillation, to form a mixture M1 including Bis(2-hydroxyethyl) terephthalate ("BHET"). The process according to the invention is distinguished by the fact that BHET makes up a particularly high proportion of the decomposition products in the mixture M1. The process according to the invention thus provides a high yield of BHET that can be used directly for producing PET again. The present invention thus also relates to a process for recycling PET, in which the BHET obtained in the process for depolymerising PET is polymerised again to form PET, optionally after being further purified from M1.

21: 2024/08205. 22: 2024/10/30. 43: 2025/11/12
51: B29C
71: EVONIK OPERATIONS GMBH
72: LANDERS, Rüdiger, TOMUSCHAT, Philipp, KIWITT, Jörn
33: EP 31: 22167325.4 32: 2022-04-08
54: SYSTEM AND METHOD FOR AUTOMATICALLY SETTING PARAMETERS FOR FOAM PRODUCTION
00: -
A method for setting machine parameters of a foam production machine is provided. The foam production machine includes an intermediate conveyance unit configured to receive a reactive mixture, a plurality of fall plates having vertically adjustable ends and configured to receive the reactive mixture from the intermediate conveyance unit, and a conveyor configured to receive the reactive mixture from the fall plates. The method includes executing software by a computer system, where executing the software includes importing characteristics of the foam production machine and a rise profile for the reactive mixture, and iteratively determining process and machine parameters, including reactive mixture flow rate, conveyor speed, a dimension of the intermediate conveyance unit, and vertical positions for the ends of each fall plate resulting in a predefined predicted profile of the reactive mixture on the plurality of fall plates.

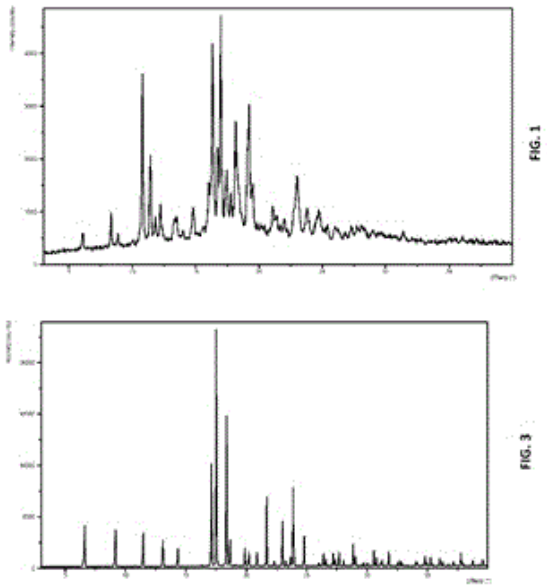
Fig. 1



21: 2024/08226. 22: 2024/10/30. 43: 2025/11/07
51: C08K; C07C
71: COLORMATRIX HOLDINGS, INC.
72: JACKSON, MATTHEW, STARKIE, CHRISTOPHER
33: GB 31: 2209528.5 32: 2022-06-29
54: POLYMERIC MATERIALS AND ADDITIVES THEREFOR
00: -
A formulation for decreasing aldehyde content in a polymeric material includes a compound which includes at least three moieties of formula (A) wherein each moiety (A) includes an amine moiety (-NH2) bonded ortho or meta to the amide moiety (-CONH); wherein each R1 independently represents a substituent and m is an integer from 0 to 4; and wherein the three moieties (A) are bonded, via their respective amide nitrogen atoms, to respective carbon atoms of a Main Fragment, wherein the Main Fragment includes carbon and hydrogen atoms only and is saturated.

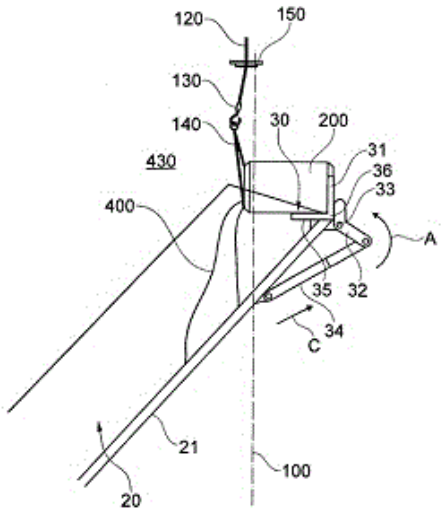


21: 2024/08256. 22: 2024/10/31. 43: 2025/11/07
51: C07D; A61P; A61K
71: H. LUNDBECK A/S
72: VETTER, THOMAS, WIENER, JOHN J.M, GRICE, CHERYL A, BUZARD, DANIEL J, CISAR, JUSTIN S, WEBER, OLIVIA D, ALLAN, AMY, RAFFAELE, NICHOLAS, MOODY, JEANNE V, SHAGHAFI, MICHAEL B
33: US 31: 63/338,252 32: 2022-05-04
54: CRYSTALLINE FORM OF 1,1,1,3,3,3-HEXAFLUOROPROPAN-2-YL (S)-1-(PYRIDAZIN-3-YLCARBAMOYL)-6 AZASPIRO[2.5]OCTANE-6-CARBOXYLATE AS MONOACYLGLYCEROL LIPASE INHIBITOR
00: -
Described herein is new crystalline forms of the MAGL inhibitor 1,1,1,3,3,3-Hexafluoropropan-2-yl (S)-1- (pyridazin-3-ylcarbamoyl)-6-azaspiro[2.5]octane-6-carboxylate.



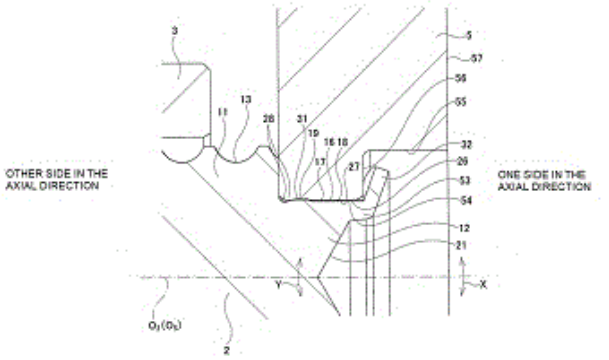
21: 2024/08340. 22: 2024/11/04. 43: 2025/11/18
51: E21D; B65G
71: HERRENKNECHT AG
72: RENNKAMP, PATRICK
33: DE 31: 10 2022 108 661.5 32: 2022-04-08
54: DEVICE FOR EMPTYING CONVEYING BUCKETS DURING THE SINKING OF SHAFTS
00: -
The invention relates to a device for emptying a conveying bucket of rock/soil which has been removed during the sinking of a shaft, which device comprises a chute (20) for conveying away the rock/soil (400) that has been emptied out of the conveying bucket (200, 200') and which device is movable linearly between an emptying position and a conveying-bucket transport position and a conveying-bucket emptying position by means of an actuator. According to the invention, a receiving

element (30) for the conveying bucket (200, 200') is provided for establishing a holding connection between the chute (20) and the conveying bucket (200, 200'), which receiving element is arranged on the chute (20) so as to be rotatable about an axis of rotation (33). The receiving element (30) is pivotable between a receiving position (420) and an emptying position (430) by means of an actuator (34).



21: 2024/08356. 22: 2024/11/05. 43: 2025/11/18
51: C11D
71: UNILEVER GLOBAL IP LIMITED
72: KOTTUKAPALLY, JIJI PAUL, NAIK, MAHESHWARA SHIVA
33: EP 31: 22177979.6 32: 2022-06-09
54: A HARD SURFACE CLEANING COMPOSITION
00: -
The present invention relates to liquid aqueous detergent compositions comprising a surfactant system comprising a primary surfactant being anionic surfactant and a secondary surfactant being amphoteric surfactant, and one or more enzymes whilst the surfactant system optionally comprises alkylbenzene sulphonate or derivatives thereof wherein the amount of alkylbenzene sulphonate or derivatives thereof is up to 25 wt% of the anionic surfactant calculated on total amount of anionic surfactant. The invention further relates to a method of cleaning a stainless-steel hard surface using the composition of the invention, as well as the use thereof.

21: 2024/08408. 22: 2024/11/06. 43: 2025/11/18
51: F16H; F16D
71: NSK LTD.
72: SEGAWA, RYO, NAKABAYASHI, YUTA
33: JP 31: 2022-161397 32: 2022-10-06
33: JP 31: 2022-079935 32: 2022-05-16
54: BALL SCREW DEVICE AND METHOD FOR MANUFACTURING THE SAME
00: -
[Problem] To provide a ball screw device with which it is possible to effectively prevent a fitting shaft part of a screw shaft from slipping out of a fitting member in the axial direction even when a moment around an axis perpendicular to a center axis acts on the screw shaft or the fitting member. [Solution] The fitting shaft part has an inner-diameter-side engaging part on which a plurality of external teeth are circumferentially disposed on the outer peripheral surface, the fitting member has an outer-diameter-side engaging part on which a plurality of internal teeth are circumferentially disposed on the inner peripheral surface and which engages with the inner-diameter-side engaging part, the engaging part between the inner-diameter-side engaging part and the outer-diameter-side engaging part has, in a part thereof along an axial direction, a portion having an interference in a radial direction, and the fitting shaft part has, at the end on one side in the axial direction, a crimped part that engages with the fitting member in the axial direction.



21: 2024/08410. 22: 2024/11/06. 43: 2025/11/18
51: C12M
71: MIRROR BIOLOGICS, INC.
72: HAR-NOY, MICHAEL
33: US 31: 63/328,382 32: 2022-04-07
54: ARTIFICIAL LYMPH NODE BIOREATOR
00: -

A system and method for high density cell culture support utilizing two circulation circuits: a cell culture loop 53 and a media conditioning loop 20.

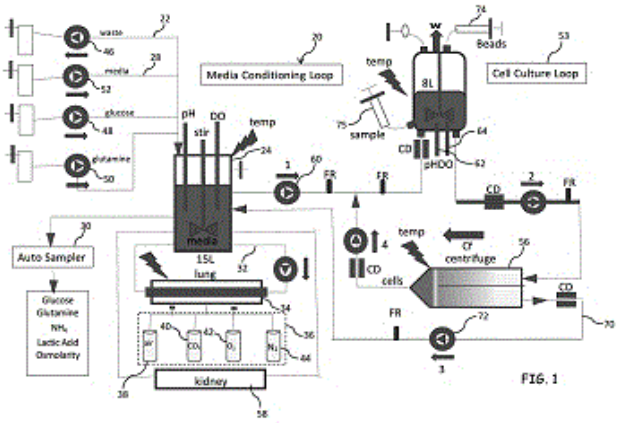


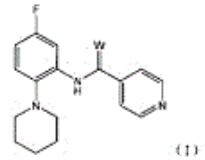
FIG. 1

21: 2024/08411. 22: 2024/11/06. 43: 2025/11/18
51: A61K; A61P
71: KINOPHARMA, INC., IWAKI SEIYAKU CO., LTD.
72: YAMAGUCHI, TETSUO, SAITO, HANAE, AKIYAMA, YUKA, AKASHI, TAIKI, KURIMOTO, SHOTA
33: JP 31: 2022-075963 32: 2022-05-02

54: ANILINE-DERIVATIVE-CONTAINING EXTERNAL PREPARATION FOR SKIN

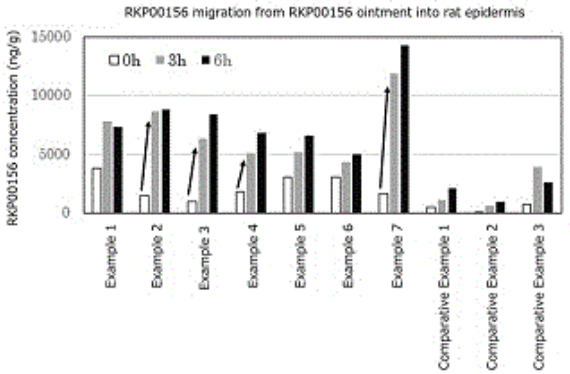
00: -

The purpose of the present invention is to provide an external preparation for skin containing an aniline derivative as a principal agent and having high principal agent stability and high transdermal absorbability. The present invention provides an external preparation for skin comprising, as an active ingredient, a compound selected from the group consisting of an aniline derivative represented by formula (I). [Wherein W represents S or O], a pharmacologically acceptable salt thereof, and a hydrate of the same, and further comprising a monohydric higher alcohol having 16 to 20 carbon atoms or synthetic squalane.



(I)

[Fig. 2]



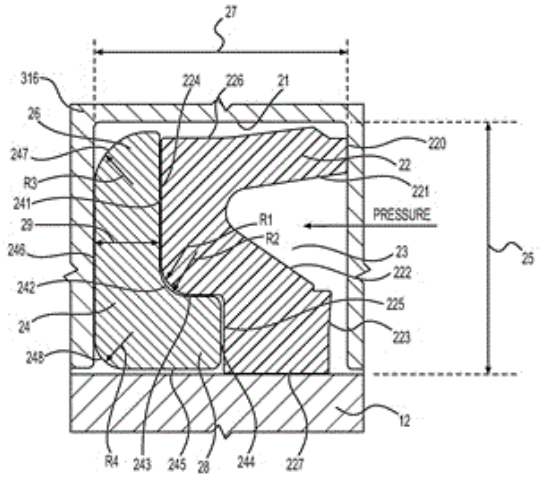
21: 2024/08415. 22: 2024/11/06. 43: 2025/11/18
51: F15B; F16J
71: CATERPILLAR INC.
72: PONNUSAMY, ANANDA SUDHAKAR
33: US 31: 17/740,536 32: 2022-05-10

54: HYDRAULIC CYLINDER BUFFER SEAL BACKUP RING

00: -

A seal assembly (18) for a hydraulic cylinder piston rod (12) of a hydraulic cylinder (10) includes an annular buffer seal (22) and an annular backup ring (24). A first axial pressure side of the annular buffer seal (22) faces a rod end chamber of the hydraulic cylinder (10) and fits adjacent a first axial side surface of an annular groove (21) defined in a rod end (16) of the hydraulic cylinder (10) through which the piston rod (12) passes, and a second axial seal side opposite from the first axial pressure side includes a radially outer annular seal surface (224) and a radially inner annular seal surface (225), wherein the radially outer annular seal surface (224) is spaced farther from the first axial pressure side of the annular buffer seal (22) than the radially inner annular seal surface (225) of the buffer seal (22) such that an annular notch is formed around an inner diameter of the annular buffer seal on the second axial seal side of the annular buffer seal. The annular backup ring includes a radially extending leg portion that extends along substantially an entire radial extent of the radially outer annular seal surface of the annular buffer seal, and an axially

extending leg portion that extends axially into the annular notch formed around the inner diameter of the annular buffer seal on the second axial seal side of the annular buffer seal.

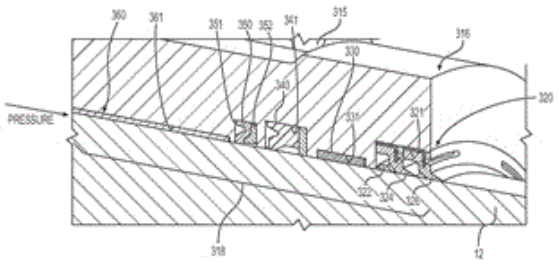


21: 2024/08417. 22: 2024/11/06. 43: 2025/11/18
51: F15B; F16J
71: CATERPILLAR INC.
72: PONNUSAMY, ANANDA S, LAKSHMINARAYANAN, RAMESHKRISHNAN, SPEICHINGER, JUSTIN D, RENSHAW, CODY P, RUIZ, JAIME E
33: US 31: 17/740,569 32: 2022-05-10

54: HYDRAULIC CYLINDER SEALING ARRANGEMENT

00: -

A combination of seals and wear guides (18) for use in a hydraulic cylinder (10) provides a sealed engagement between a piston rod (12) of the hydraulic cylinder (10) and an inner circumferential surface of a rod end of a cylinder barrel (14) of the hydraulic cylinder through which the piston rod (12) is axially movable. The combination includes a cylindrical metallic wear guide (360) for seating within a first annular groove (361) formed around the inner circumferential surface, a buffer seal assembly including an annular buffer seal (350) cooperatively mated with an annular backup ring (352) for seating within a second annular groove (351), a U-cup seal (340) for seating within a third annular groove (341), a cylindrical plastic wear guide (330) for seating within a fourth annular groove (331), and a triple lip wiper seal (320) including three ringed lip portions (322, 324, 326) for seating within a fifth annular groove (321).

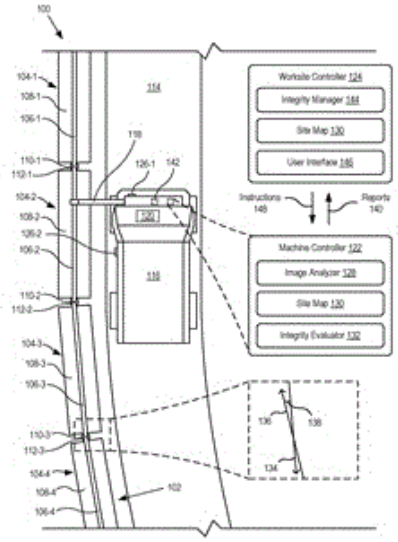


21: 2024/08418. 22: 2024/11/06. 43: 2025/11/18
51: G06Q; B60L; G01N; G08B
71: CATERPILLAR INC.
72: BRAUNSTEIN, MICHAEL D
33: US 31: 17/741,212 32: 2022-05-10

54: MONITORING INTEGRITY OF CHARGING RAIL SYSTEM

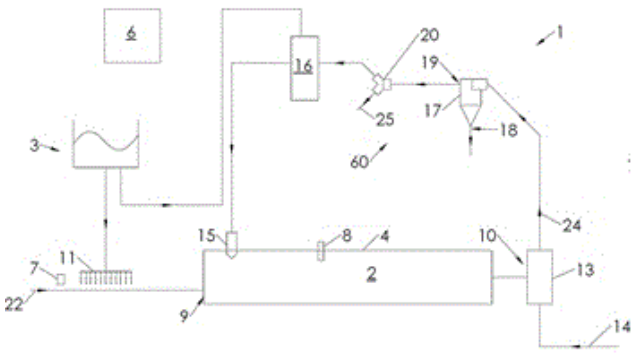
00: -

Machines can operate based on electricity received from a charging rail system installed along a route at a worksite. Sensors on the machines capture image data indicating locations and/or orientations of components of the charging rail system. Machine controllers of the machine, and/or a worksite controller, can monitor the integrity of the charging rail system by detecting possible faults if the locations and/or orientations of one or more components vary by more than a threshold amount from target locations and/or orientations. The machine controllers and/or the worksite controller can also initiate one or more response actions when a possible fault in the charging rail system is detected.

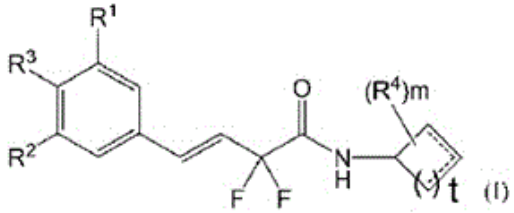


21: 2024/08446. 22: 2024/11/07. 43: 2025/11/18
51: C07D
71: BDR LIFESCIENCES PRIVATE LIMITED
72: SHAH, DHARMESH MAHENDRABHAI, CHAVDA, RAJENDRAKUMAR GOKALDAS, MAJMUDAR, YASHRAJ ANJANKUMAR, TRIVEDI, MADHAVKUMAR DILIPBHAI, KATHROTIYA, HARSHAD GHANSHYAMBHAI, KOTHADIYA, SAGAR PREMJIBHAI, VORA, PRATIK ASHWINBHAI, BHALALA, JAYSUKH BHUPATBHAI
33: IN 31: 202221021077 32: 2022-04-08
54: NOVEL PROCESS AND INTERMEDIATE FOR THE PREPARATION OF APALUTAMIDE
00: -
The present invention relates to novel highly efficient and economic process for large-scale production of Apalutamide. The present invention also relates to novel process that form highly pure Apalutamide through a novel intermediate. This process avoids use of expensive and hazardous reagents and solvents. Along with the ease of performance, the present invention process also gives high-purity final product with high yield. This makes the present invention highly cost-effective and time-efficient.

21: 2024/08447. 22: 2024/11/07. 43: 2025/11/19
51: C04B
71: FIVES FCB
72: CORDONNIER, ALAIN
33: FR 31: FR2206361 32: 2022-06-27
54: FACILITY AND METHOD FOR THE FORCED CARBONATION OF A FINE FRACTION OF A RECYCLED CONCRETE
00: -
The invention relates to a facility (1) for the forced carbonation of a fine fraction of a recycled concrete, the facility comprising: - a carbonation reactor (2) in which the fine fraction is able and intended to be brought into contact with a carbon dioxide-containing gas; - a first, water-spraying device (11) capable of increasing the moisture content of the fine fraction; - a conditioning device (16) capable of managing the temperature and relative humidity of the carbon dioxide-containing gas, the facility comprising a computer control unit (6) capable of controlling the first, spraying device (11) and the device (16) for conditioning the carbon dioxide-containing gas.

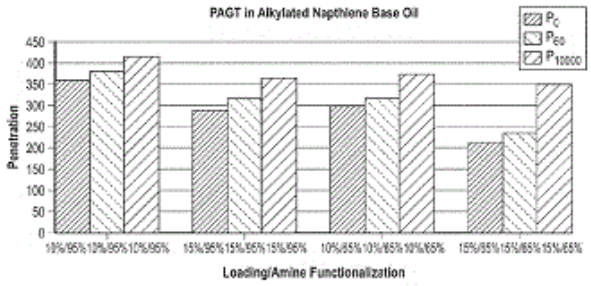


21: 2024/08448. 22: 2024/11/07. 43: 2025/11/18
51: A01N; A01P; C07C; C07D
71: ISHIHARA SANGYO KAISHA, LTD.
72: UEKI, TOSHIHIKO, NAKAMOTO, KENICHI, TSUDA, KAZUOMI, TANAKA, HISAKI, NAKAMURA, MASAYUKI, HARA, YOSHICHIKA, NAITO, YU
33: JP 31: 2022-094501 32: 2022-06-10
54: HERBICIDAL COMPOSITION CONTAINING DIFLUOROBUTENOIC ACID AMIDE COMPOUND
00: -
To provide a difluorobutenoic acid amide compound having excellent controlling effects on harmful weeds, and a herbicidal composition containing it. A herbicidal composition comprising as an active ingredient a difluorobutenoic acid amide compound represented by the formula (I) or a salt thereof: wherein the symbols are as defined in the specification, has excellent controlling effects on harmful weeds.



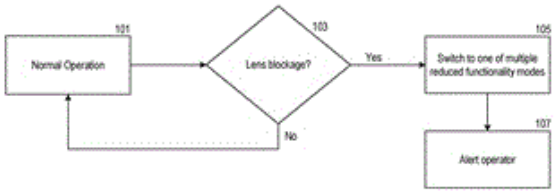
21: 2024/08449. 22: 2024/11/07. 43: 2025/11/18
51: C10M; C10N
71: INVISTA TEXTILES (U.K.) LIMITED
72: FORSYTH, STEWART, MORES, MARYANNE, SIRIANNI, ERIC ROBERT, SULLIVAN, EDWARD A
33: US 31: 63/351,582 32: 2022-06-13
33: US 31: 63/423,815 32: 2022-11-09
33: US 31: 63/463,576 32: 2023-05-03
54: GREASE THICKENING AGENT
00: -
The present disclosure provides a polyamide grease thickening agent having the structure according to

Formula I: (MCA-DA-)(PCA-DA)y-PCA-(DA-PCA)y(-DA-MCA) (I). In Formula I, at each occurrence PCA is independently a reacted polycarboxylate, at each occurrence MCA is independently a reacted monocaboxylate, at each occurrence DA is independently a reacted n-alkyl diamine, and y is 0 or a non-zero integer. Additionally, in Formula I, a weight-average molecular weight of the polyamide grease thickener is in a range of from about 450 g/mol to about 2600 g/mol. Additionally, in Formula I, the structure includes at least 4 amide bonds and at least two internal aromatic moieties are di-substituted in a para position.



21: 2024/08485. 22: 2024/11/08. 43: 2025/11/18
51: C04B
71: ORBIX PRODUCTIONS
72: CELIS, SERGE, VAN MECHELEN, DIRK
33: EP 31: 22168677.7 32: 2022-04-15
54: METHOD FOR MANUFACTURING CEMENT CLINKER USING STAINLESS STEEL SLAG
00: -
In the method for manufacturing cement clinker raw materials which include at least one stainless steel slag material are calcined and burned to produce the cement clinker. Since cement clinker may only contain a limited amount of hexavalent chromium, the chromium content of the stainless steel slag material needs to be limited. This is achieved by solidifying the liquid steel slag so that it comprises a 5 sufficiently small amount of fines. These fines and/or the fines produced when crushing the coarser fraction of the steel slag to recover stainless steel are used as powdery stainless steel slag material for manufacturing cement clinker. It was found that these fines contain indeed considerably less chromium than the sand and the coarser aggregate fractions produced from the solidified stainless steel slag. By replacing the 10 conventional lime sources partially by the stainless steel slag material, carbon dioxide emissions and the energy requirements of the cement kiln can be reduced. The powdery stainless steel slag material also does not need to be finely ground and melts immediately in the rotary kiln.

21: 2024/08493. 22: 2024/11/08. 43: 2025/11/18
51: H04N
71: CATERPILLAR INC.
72: MATHEW, SHAWN N, MILKOWSKI, ARTHUR, PLOUZEK, JOHN M, LAY, NORMAN KEITH, SHAIK, SUBHANI M
33: US 31: 17/742,257 32: 2022-05-11
54: SYSTEMS AND METHODS FOR MONITORING OPERATION UNDER LIMP MODE
00: -
The present disclosure is directed to systems and methods for operating a machine. The method includes (1) receiving image data of a component of the machine by a camera module of the machine, the camera module having multiple camera components; (2) detecting an incident associated with the camera module; (3) in response to the incident, instructing the camera module to collect image data from a subset of the multiple camera components; and (4) generating a status image of the component based on the collected image data from the subset of the multiple camera components.



21: 2024/08554. 22: 2024/11/11. 43: 2025/11/18
51: A61K; A61P; C07K
71: MALARVX, INC.
72: AVRIL, MARION, MACMILLEN, ZACHARY WARD
33: US 31: 63/333,878 32: 2022-04-22
54: COMPOSITIONS, DEVICES, SYSTEMS AND METHODS RELATING TO VACCINATION AND STERILE PROTECTION AGAINST MALARIA
00: -
Systems, compositions, devices, methods, etc., provide improved anti-malaria immunological responses comprising making, providing and administering vaccines comprising specific RNA

molecules such as self-replicating replicon RNA (repRNA) encoding proteins from Plasmodium such as the P. yoelii (Py) CS protein (CSP), including in some embodiments substantially target proteins encoding target antigens, for example a whole or substantially whole CSP in the repRNA. The prime-and-trap intervals for the administration of the vaccine can comprise administration of only a single dose of a repRNA-Non-encapsulating oil-in-water emulsion nanocarriers (e.g., LIONTM) component followed by administration of as few as 3 or 2 doses, or even just a single dose, of the WO component (e.g., RAS or genetically attenuated WO) at 0 day (same day), or 1, 2, 3, 4, 5, 10, 14, 15 days or 28 days later.

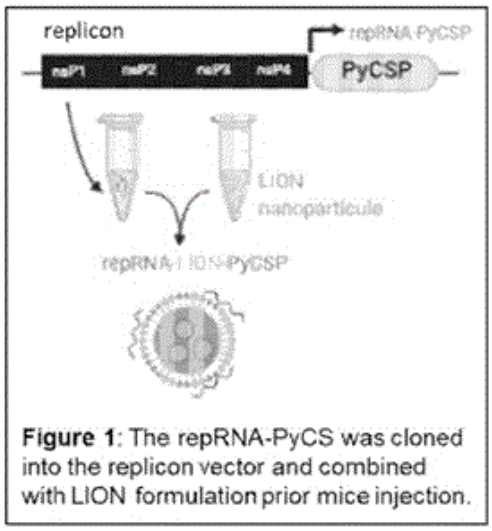
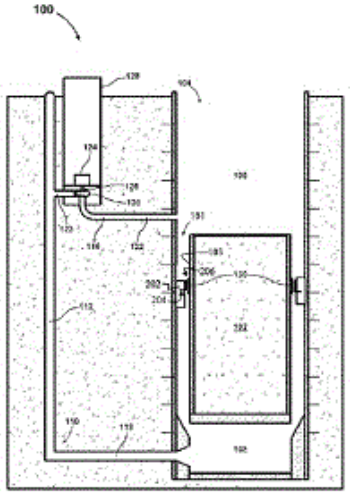


Figure 1: The repRNA-PyCS was cloned into the replicon vector and combined with LION formulation prior mice injection.

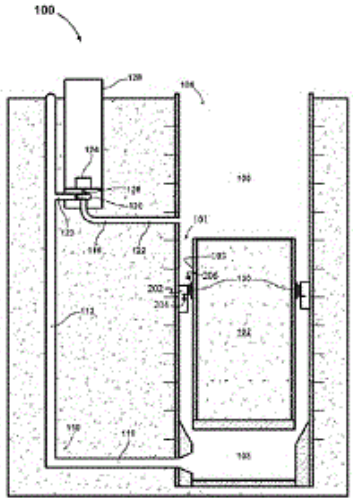
21: 2024/08558. 22: 2024/11/11. 43: 2025/11/18
51: C04B
71: REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG
72: NEUBÖCK, RAINER, RECHBERGER, LAURA, KUNANZ, HARTWIG
33: EP 31: 22179836.6 32: 2022-06-20
54: BATCH FOR THE PRODUCTION OF A CARBON BONDED PRODUCT AND PROCESS FOR THE PRODUCTION OF A CARBON BONDED BRICK
00: -
The invention relates to a batch for the production of a carbon bonded product and to a process for the production of a carbon bonded product.

21: 2024/08576. 22: 2024/11/12. 43: 2025/11/18
51: F03G
71: GRAVITY POWER INC.
72: FISKE, ORLO JAMES
33: US 31: 63/184,066 32: 2021-05-04
54: GPP SEAL SYSTEM MAINTENANCE, REPLACEMENT AND SEISMIC ISOLATION
00: -
A removal and replacement system for seal assemblies in a Gravity Power Plant. The system comprises a hoist and carriage system (300) configured to grip an unlocked seal assembly and hoist the seal assembly from a seal mount to a water surface in a shaft (104). The hoist and carriage system comprises a plurality of hoist assemblies (302) circumferentially spaced about an upper rim (304) of the shaft, and a plurality of carriages (310) configured for longitudinal translation in the shaft. Each carriage is associated with one of the plurality of hoist assemblies and includes grippers (312) that are adjustable on a lower frame element (314) for radial alignment with the seal assembly (206) for grabbing the seal assembly.

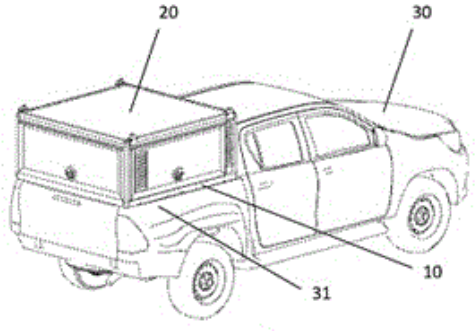


21: 2024/08577. 22: 2024/11/12. 43: 2025/11/18
51: F03G
71: GRAVITY POWER INC.
72: FISKE, ORLO JAMES
33: US 31: 63/184,066 32: 2021-05-04
54: GPP SEAL SYSTEM MAINTENANCE, REPLACEMENT AND SEISMIC ISOLATION
00: -
A Gravity Power Plant energy storage system having a shaft (104) with a shaft wall (105) and a piston (102), with a sealing system providing seismic isolation comprising a seal assembly support base

(402) anchored into the shaft wall and surrounding the piston, the seal assembly support base having an inner surface (424) with an inner radius (420), providing a gap (422) between an inner surface (424) of the support base (402) and a surface (103) the piston (102). The sealing system further comprises a seal mount (404) circumferentially surrounding the piston (102) supported in low friction engagement with respect to the seal assembly support base and a seal assembly (206) supported on the seal mount circumferentially contacting the piston, spaced from the inner surface by a radial relief (428) within the gap. The seal mount will slide with respect to the seal assembly support base within the radial relief preventing the seal assembly support base from impacting the seal assembly or piston.



21: 2024/08597. 22: 2024/11/12. 43: 2025/11/18
51: B60P; B62D; B60R
71: STORM ADAPT GROUP AS
72: GUNNENG, ØYSTEIN
33: NO 31: 20220494 32: 2022-04-29
54: A FASTENING ASSEMBLY FOR USE IN A CARRIER SUCH AS A PICK-UP/TRUCK BED AND A METHOD FOR DETACHABLY FASTENING AN OBJECT TO A CARRIER SUCH AS A PICK-UP/TRUCK BED
00: -
The disclosure relates to a fastening assembly for use in a carrier (30) such as a pick- up/truck bed comprising : one or more casing profile lists (1) for being attached to an object (20) to be detachably fastened, the casing profile list (1) is arranged at a side of the object (20) facing a casing profile locking assembly arranged on the carrier (30), the casing profile locking assembly comprising: a horizontal bottom side profile list (3,3',35'), one or more of a first fastening means for holding the horizontal bottom side profile list (3,3',35'), wherein the horizontal bottom side profile list (3,3',35') being fastened to the carrier (30), and being arranged to receive the casing profile list (1), and a vertical bottom side profile list (2,35'') for being arranged to interact with the horizontal bottom side profile list (3,3',35') for fastening the casing profile list (1) in a locking grip. The disclosure further relates to a method for fastening an object to a carrier (30) such as a pick-up/truck bed the method.



21: 2024/08599. 22: 2024/11/12. 43: 2025/11/18
51: C11D
71: UNILEVER GLOBAL IP LIMITED
72: KOTTUKAPALLY, JIJI PAUL, NAIK, MAHESHWARA SHIVA
33: EP 31: 22177986.1 32: 2022-06-09
54: A HARD SURFACE CLEANING COMPOSITION
00: -
The present invention relates to liquid aqueous detergent compositions comprising a surfactant system comprising a primary surfactant being anionic surfactant and a secondary surfactant being amphoteric surfactant, and one or more enzymes whilst the surfactant system is free of alkylbenzene sulphonates and derivatives thereof. The invention further relates to a method of cleaning a stainless-steel hard surface using the composition of the invention, as well as the use thereof.

21: 2024/08600. 22: 2024/11/12. 43: 2025/11/18
51: B01D; A61K; C07D; C30B
71: CORTEVA AGRISCIENCE LLC

72: LONG, CAROLINE, MILLER, ADRIANE, MUEHLFELD, MARK P, WEBB, NICOLA, ZHAO, XIAOWEN
33: US 31: 63/365,532 32: 2022-05-31
54: CRYSTALLINE FORMS OF PICOLINAMIDE FUNGICIDE COMPOUND
00: -
The present technology relates to processes useful for making crystalline S)-1, 1-bis(4-fluorophenyl)propan-2-yl (3-acetoxy-4-methoxypicolinoyl)-Lalaninate Compound (I) comprising: distilling a mixture comprising: an aprotic organic solvent, a protic organic solvent, Compound (I) and seed Compound (I), or comprising: distilling a mixture comprising: an aprotic organic solvent and Compound (I), and crystallizing Compound (I) by creating a second mixture comprising: a protic organic solvent, Compound (I) and seed Compound (I). Processes disclosed herein describe more stable, storage compatible preparations of Compound (I). Also disclosed are preparations of Compound (I) which have fewer (trace) impurities.

21: 2024/08601. 22: 2024/11/12. 43: 2025/11/18
51: G06Q; H04L
71: KEYCHAINX AG
72: RHODIN, BARTLOMIEJ ROBERT
33: US 31: 17/827,386 32: 2022-05-27
54: NON-FUNGIBLE TOKEN (NFT) GENERATION FOR SECURE APPLICATIONS
00: -
Systems, methods, and apparatus for biometric digital signature generation for identity verification are disclosed. In one or more embodiments, a method for identity verification of a user comprises sensing, by at least one sensor, biometric information from the user. The method further comprises generating, by a sensor device, biometric data from the biometric information. Also, the method comprises hashing, by the user device utilizing a fuzzy hash algorithm or a hash algorithm (e.g., a non-fuzzy hash algorithm), at least a portion of the biometric data to generate a biometric digital signature for the user. In addition, the method comprises comparing, by a verification node, the biometric digital signature to a previous biometric digital signature for the user. Further, the method comprises verifying, by the verification node, the user when the verification node determines that the biometric digital signature is identical to the previous biometric digital signature for the user.

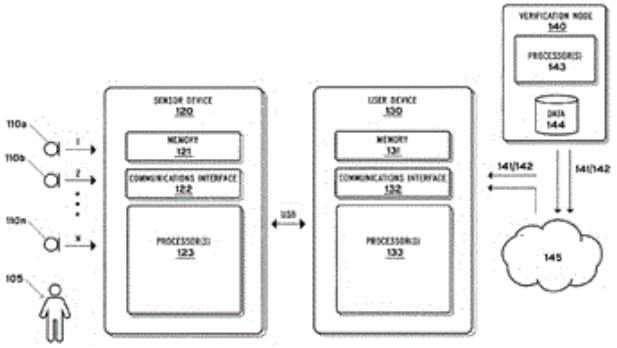
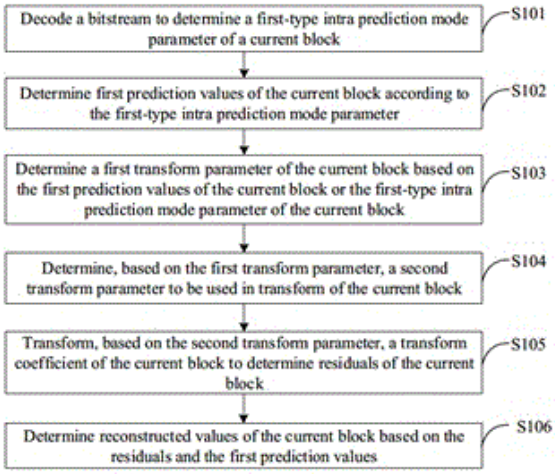


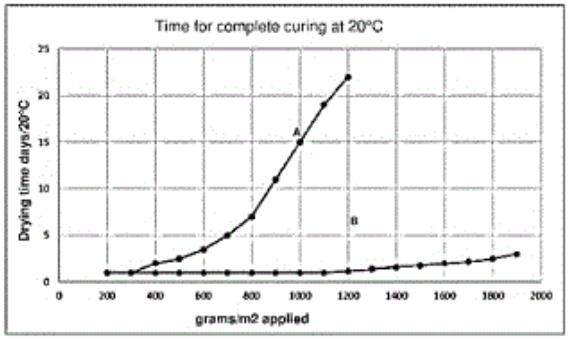
FIG. 1A 100

21: 2024/08603. 22: 2024/11/12. 43: 2025/11/18
51: H04N
71: GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
72: HUO, JUNYAN, MA, YANZHUO, YANG, FUZHENG, QIAO, WENHAN, LI, MING
54: VIDEO ENCODING AND DECODING METHOD, ENCODER, DECODER AND STORAGE MEDIUM
00: -
Disclosed in embodiments of the present application are a video encoding and decoding method, an encoder, a decoder and a storage medium. The method comprises: determining a first type of intra-frame prediction mode parameters; determining a first prediction value of the current block according to the first type of intra-frame prediction mode parameters, and calculating a residual value between the original value of the current block and the first prediction value; determining a first transformation parameter of the current block according to the first prediction value of the current block or the first type of intra-frame prediction mode parameter; determining a second transformation parameter for transforming the current block on the basis of the first transformation parameter; and performing transformation processing on the residual value on the basis of the second transformation parameter to obtain a transformation coefficient of the current block.



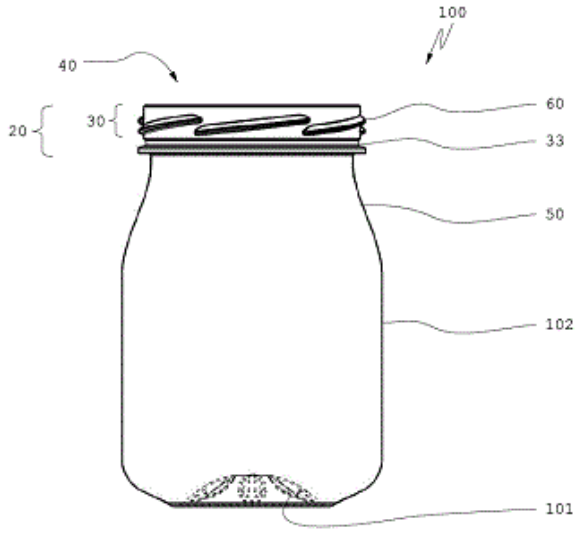
21: 2024/08627. 22: 2024/11/13. 43: 2025/11/18
51: C09D
71: TEAM SEGNAL S.R.L.
72: BIGNAMI, CLAUDIO GIUSEPPE
33: IT 31: 102022000010901 32: 2022-05-25
54: WATER-BASED MULTI-COMPONENT PAINT SYSTEM
00: -

The present invention relates to a water-based multi-component paint system. The film obtained by applying the system onto a road surface after mixing the components is also described, as well as the use thereof in horizontal road markings.



21: 2024/08629. 22: 2024/11/13. 43: 2025/11/18
51: B65D
71: ALPLA WERKE ALWIN LEHNER GMBH & CO. KG
72: SIEGL, ROBERT
33: CH 31: CH000667/2022 32: 2022-06-01
54: REUSABLE WIDE-NECKED CONTAINER AND PACKAGING UNIT
00: -

The invention relates to a reusable wide-necked container (100) made of plastic, in particular for non-liquid, flowable filling material. The reusable wide-necked container comprises a container base (101), a container body (102) and a neck (20), wherein the neck (20) has a neck section (30) ending in an outlet opening (40) and adjoining a container shoulder (50). The neck section (30) has an inner wall (31) and an outer wall (32), wherein securing means (60) for securing a cover (70) are arranged on the outer wall (32). The container body (102) has an average wall thickness (W) that is greater than 0.5 mm, in particular greater than 0.7 mm, and smaller than 1.2 mm. The neck section has a wall thickness (H) that is greater than 1.5 mm, wherein the neck section has a peripheral groove (33) at the transition to the container shoulder (50). The invention also relates to a packaging unit (200) comprising a reusable wide-necked container (100).



21: 2024/08630. 22: 2024/11/13. 43: 2025/11/18
51: C11D
71: UNILEVER GLOBAL IP LIMITED
72: GALLUZZI, LORENA, PEZZIA, SERENA, PRETALI, LUCA, TROMBETTA, IVANA
33: EP 31: 22178009.1 32: 2022-06-09
54: A HARD SURFACE CLEANING COMPOSITION
00: -

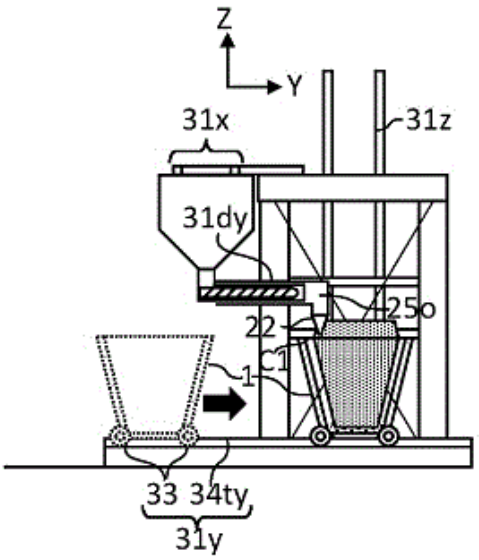
The present invention relates to liquid aqueous detergent compositions comprising a surfactant system comprising a primary surfactant being anionic surfactant, a secondary surfactant being

amphoteric surfactant, polyethylene oxide and one or more enzymes whilst the surfactant system is free of alkylbenzene sulphonates and derivatives thereof. The invention further relates to a method of cleaning a stainless- steel hard surface using the composition of the invention, as well as the use thereof.

21: 2024/08631. 22: 2024/11/13. 43: 2025/11/18
51: C11D
71: UNILEVER GLOBAL IP LIMITED
72: GALLUZZI, LORENA, PEZZIA, SERENA, PRETALI, LUCA, TROMBETTA, IVANA
33: EP 31: 22178010.9 32: 2022-06-09
54: A HARD SURFACE CLEANING COMPOSITION
00: -
The present invention relates to liquid aqueous detergent compositions comprising a surfactant system comprising a primary surfactant being anionic surfactant, a secondary surfactant being amphoteric surfactant, cleaning polymer and one or more enzymes whilst the surfactant system optionally comprises alkylbenzene sulphonates or derivatives thereof wherein the amount of alkylbenzene sulphonate or derivatives thereof is up to 25 wt% of the anionic surfactant calculated on total amount of anionic surfactant. The invention further relates to a method of cleaning a stainless-steel hard surface using the composition of the invention, as well as the use thereof.

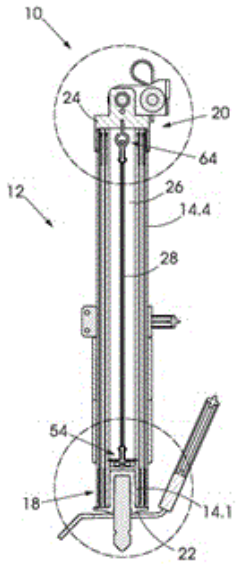
21: 2024/08662. 22: 2024/11/14. 43: 2026/01/05
51: C08J; C08L
71: BOREALIS AG
72: Bernadette DUSCHER, Auli NUMMILA-PAKARINEN, Peter NIEDERSÜSS, Anthony BERTHELIER, Andreas NAGL, Christian GOETZLOFF, Yi LIU
33: EP 31: 22170829.0 32: 2022-04-29
54: A FLEXIBLE MIXED-PLASTIC POLYPROPYLENE BLEND (PP-FLEX)
00: -
Mixed-plastic polypropylene blend being particular suitable for flexible applications.

21: 2024/08667. 22: 2024/11/14. 43: 2025/11/18
51: B22D; C21B; F27D; C21C
71: VESUVIUS GROUP, S.A.
72: STAMATAKIS, GEORGES
33: EP 31: 22177300.5 32: 2022-06-03
54: INSTALLATION FOR APPLYING A LINING COMPOSITION IN THE FORM OF DRY PARTICULATE MATERIAL TO FORM A WORKING LINING ONTO A PERMANENT REFRACTORY LAYER OF A TUNDISH
00: -
Embodiments of the invention concerns an installation for applying a lining composition in the form of dry particulate material (2p) to form a working lining (2s) onto a surface of a cavity in a tundish (1) wherein, in a space reference system (X, Y, Z), advantageously with X ⊥ Y ⊥ Z, wherein X is a longitudinal axis, Y is a transverse axis, and Z is a vertical axis. The installation comprises, • a support frame (41x-41z) defining a passage, • a tank (21) configured for storing an amount of the dry particulate material (2p) and comprising a tank outlet (21o) coupled to a metering unit (25) having a dispensing outlet (25o), • dispensing units (22) configured for being coupled to the dispensing outlet (25o), and for dispensing dry particulate material metered by the metering unit • a plunger (11) configured for fitting in the cavity with a peripheral gap (111) of gap width (g) between the plunger (11) and peripheral walls (1w) of the tundish, • a longitudinal translation mechanism (31x) configured for holding and translating the dispensing outlet (25o) along the longitudinal axis (X), • a transverse translation mechanism (31y) configured for receiving the tundish (1) and translating the tundish (1) along the transverse axis (Y) in and out of the passage, and • an elevation translation mechanism (31z) configured for holding the plunger (11) and translating the plunger along the vertical axis (Z) in and out of the cavity when the tundish is located in the passage.



21: 2024/08678. 22: 2024/11/14. 43: 2025/11/18
51: C25D
71: JOHNSON MATTHEY PUBLIC LIMITED COMPANY
72: BOARDMAN, ALAN, KREIGER, DAVID IAN JAMES, POWELL, NIGEL
33: US 31: 63/395,145 32: 2022-08-04
33: GB 31: 2212504.1 32: 2022-08-30
54: METHOD OF MANUFACTURING A PLATINUM COMPLEX FOR PLATING
00: -
The specification describes a method of manufacturing a plating solution comprising a platinum (II) complex, comprising the steps of: (i) preparing an acidic aqueous solution comprising a chloride-free platinum (IV) compound and a source of nitrous acid (HNO_2) as a reducing agent; (ii) heating the solution from step (i) in order to promote the reduction of platinum (IV) to platinum (II) and decomposition of residual nitrous acid. Also described is a platinum plating solution produced by this process.

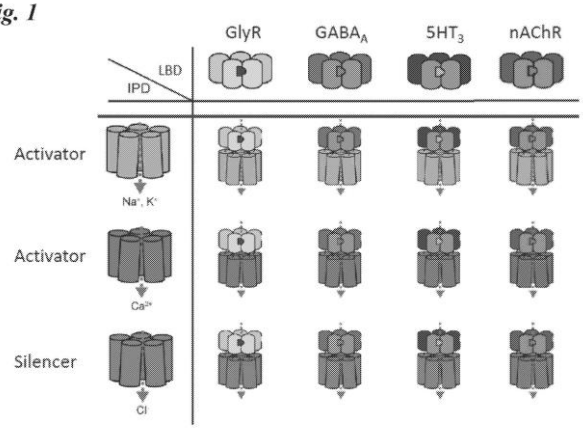
21: 2024/08696. 22: 2024/11/15. 43: 2025/11/18
51: E21B
71: WILVIC PLASTICS CC
72: BOGDANOVIC, BAREND JACOBUS
33: ZA 31: 2023/07928 32: 2023-08-16
54: AUTO-RETURN DRILL SUPPORT
00: -
A drill support (10) configured automatically to return to a collapsed configuration after use. The drill support (10) comprises a main body (12) having at least first and second support segments (14) which are telescopically displaceable relative to each other between collapsed and extended configurations and first and second end portions or endcaps (22, 24) respectively. The main body (12) defines an internal volume (26). A biasing means (28) extends within the internal volume (26) and between the first and second end portions or endcaps (22, 24). The drill support (10) is operatively configured into the extended configuration against the bias of the biasing means (28) and operatively configured towards the collapsed configuration under the bias of the biasing means (28).



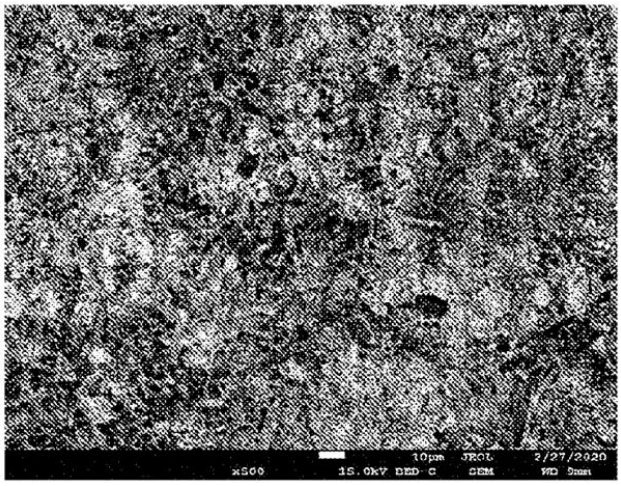
21: 2024/08701. 22: 2024/11/15. 43: 2025/11/18
51: A01H
71: ENZA ZADEN BEHEER B.V.
72: VAN DER VEEN, ALEXANDER JAN TAEDE, ROOBEEK, ILJA, PEL, MATHIEU ANDRÉ, ROUWET, MAARTEN EDUARD
33: EP 31: PCT/EP2022/067580 32: 2022-06-27
54: RESISTANCE GENE AND LETTUCE PLANT RESISTANT TO FUSARIUM WILT
00: -
The present invention relates to a lettuce plant that is resistant to Fusarium wilt, more specifically to a lettuce plant that comprises a mutated gene that confers resistance to F. oxysporum in lettuce. Furthermore the present invention relates a resistance gene and a method for obtaining a lettuce plant that is resistant to Fusarium wilt, wherein the method comprises the step of mutating a gene.

21: 2024/08862. 22: 2024/11/21. 43: 2025/11/19
51: A61K
71: Trames Bio, Inc.
72: GREENBERG, Kenneth P., KEIFER, Orion Jr., MAKINSON, Stefanie, LAU, Anthony
33: US 31: 62/590,911 32: 2017-11-27
54: COMPOSITIONS AND METHODS FOR NEUROLOGICAL DISEASES
00: -
Compositions and methods are provided for modulating the activity of cells using engineered receptors, polynucleotide encoded engineered receptors, and gene therapy vectors comprising polynucleotides encoding engineered receptors. These compositions and methods find particular use in modulating the activity of neurons, for example in the treatment of disease or in the study of neuronal circuits.

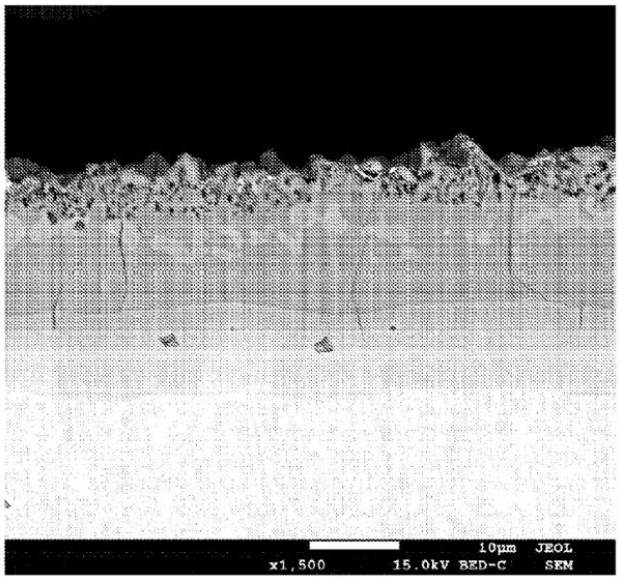
Fig. 1



21: 2024/08949. 22: 2024/11/25. 43: 2026/01/05
51: C22C; C23C
71: ARCELORMITTAL
72: Maxime BROSSARD, Tiago MACHADO AMORIM, Jérémie JOUAN
33: IB 31: PCT/IB2022/057251 32: 2022-08-04
54: STEEL SHEET HAVING EXCELLENT POWDERING PROPERTIES AFTER PRESS-HARDENING AND METHOD FOR MANUFACTURING THE SAME
00: -
The aim of the present invention is to provide a coated steel sheet providing cathodic protection and suitable for manufacturing a press hardened part with good powdering resistance during press-hardening and good corrosion performance. The present invention relates to a method for the manufacture of hardened parts starting from a steel sheet coated with a metallic coating. The part has good characteristics with respect to corrosion and powdering resistance. The invention is particularly well suited for the manufacture of automotive vehicles.

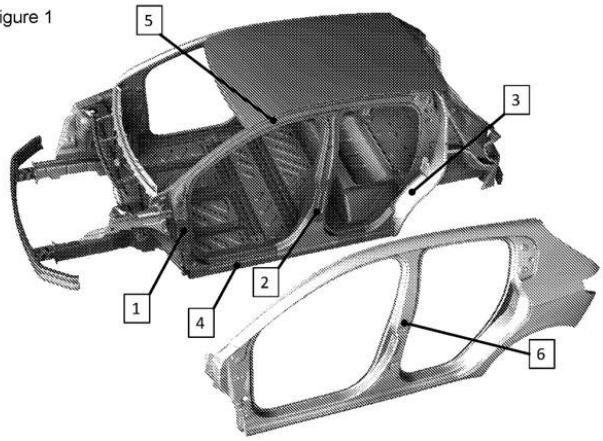


21: 2024/08950. 22: 2024/11/25. 43: 2026/01/08
51: C22C; C23C
71: ARCELORMITTAL
72: Maxime BROSSARD, Tiago MACHADO AMORIM, Pascale FELTIN
33: IB 31: PCT/IB2022/057250 32: 2022-08-04
54: STEEL SHEET HAVING EXCELLENT CORROSION PROPERTIES AFTER PRESS HARDENING AND METHOD FOR MANUFACTURING THE SAME
00: -
A steel sheet, coated with a metallic coating comprising, by weight percent, from 7.5 to 9.0 % of zinc, from 1.1 to 4.0 % of silicon, from 1.1 to 8.0 % of magnesium, up to 3.0% of iron, optional elements chosen from Pb, Ni, Zr, or Hf, the content by weight of each element being less than 0.3%, optionally up to 100 ppm of Calcium and unavoidable impurities up to 0.02 %, the balance being aluminum, and wherein the coating weight of said metallic coating is from 50 to 500 g/m² for the sum of both sides of said steel sheet.



21: 2024/08954. 22: 2024/11/25. 43: 2026/01/05
51: B32B; C22C; C23C
71: ARCELORMITTAL
72: Guillaume PLANCHON, Marine KIEFFER, Larissa AGRIZZI RONQUETI, Eric JACQUESON, Tiago MACHADO AMORIM
33: IB 31: PCT/IB2022/056969 32: 2022-07-28
54: AUTOMOTIVE VEHICLE WITH PRESS HARDENED VISIBLE STEEL PARTS
00: -
An automobile, wherein at least one outer skin part or one semi-visible part is made of coated press hardened steel, the coating of said steel before heating and press hardening containing by weight, 8 to 12 % of Silicon, up to 3 % Iron, and unavoidable impurities up to 0.1 %, the balance being Aluminum, and wherein said coating has a thickness from 10 to 20 µm per side.

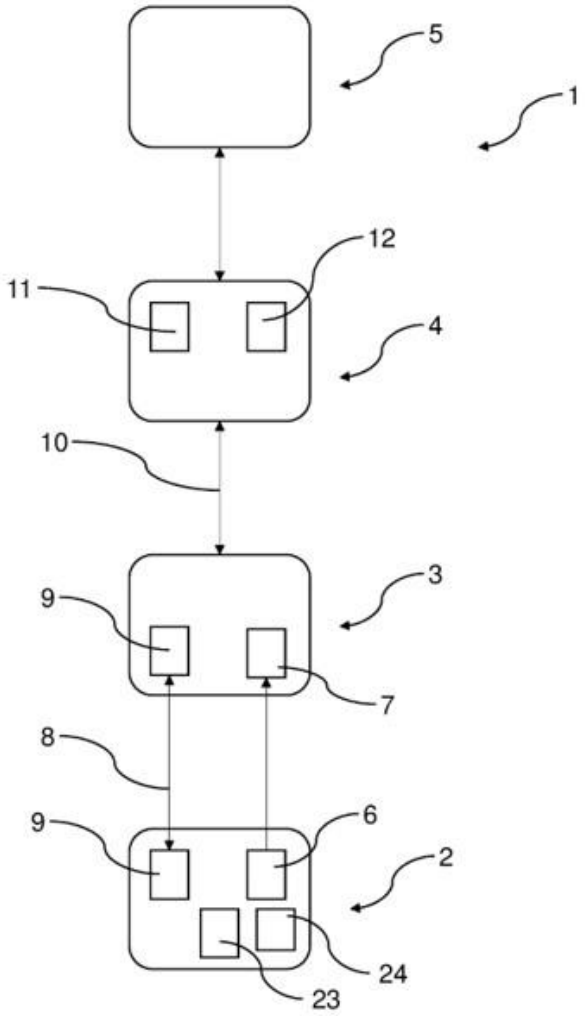
Figure 1



21: 2024/09236. 22: 2024/12/02. 43: 2026/01/05
51: B29B; C08G
71: ALPLA WERKE ALWIN LEHNER GMBH & CO. KG
72: Daniel GOLDENSTEIN
33: CH 31: CH000578/2022 32: 2022-05-13
54: METHOD FOR RECYCLING POLYESTER CONTAINERS
00: -
The invention relates to a method for recycling polyester containers, in particular PET containers, comprising the following steps: (a) sorting the containers, (b) comminuting the containers into flakes, (c) washing the flakes, (d) sorting the flakes, (e) extruding the flakes including a first melt filtration, (f) granulating the melt into pellets, (g) crystallizing the pellets and (h) treating the pellets with a solid state polycondensation (SSP). Between the method steps (e) and (f), a liquid state polycondensation (LSP) (i) of the melt is applied as a further step, whereby the method has a combination of an SSP (h) and an LSP (i).

21: 2024/09308. 22: 2024/12/04. 43: 2026/01/08
51: A47J; G07F; G06Q
71: JURA ELEKTROAPPARATE AG
72: Amir KARIMIAN
33: EP 31: 22177213.0 32: 2022-06-03
54: METHOD FOR OPERATING A DRINKS VENDING MACHINE AND ARRANGEMENT FOR OPERATING A DRINKS VENDING MACHINE
00: -
The invention accordingly relates to a method and an arrangement (1) for operating a drinks vending machine (2), wherein the drinks vending machine (2) is coupled to an operating unit (3), wherein the

operating unit (3) obtains operating information from a remote administration unit (4), which, for making payment for purchases of drinks, can be connected to a payment unit (5) (cf. Figure 5).



21: 2024/09360. 22: 2024/12/02. 43: 2026/01/05
51: B29B; B29K; C08J
71: ALPLA WERKE ALWIN LEHNER GMBH & CO. KG
72: Michael HEYDE
33: CH 31: CH000568/2022 32: 2022-05-12

54: PURIFICATION METHOD FOR PRODUCING A POLYOLEFIN REGENERATE

00: -

The invention relates to a purification method for producing a polyolefin (PO) regenerate (r), said method having the following steps: (a) mixing superficially cleaned PO waste (p), referred to as raw polymer (p), with solvent and dissolving the raw polymer (p) in the solvent, (b) recovering the purified polymer from the solvent, (c) preparing the solvent, (d) returning the solvent to step (a), (e) separating residues (e1, e2), and (f) extruding the purified PO regenerate (r) to form pellets (r). Step (c) is carried out using at least one membrane filter (c1).

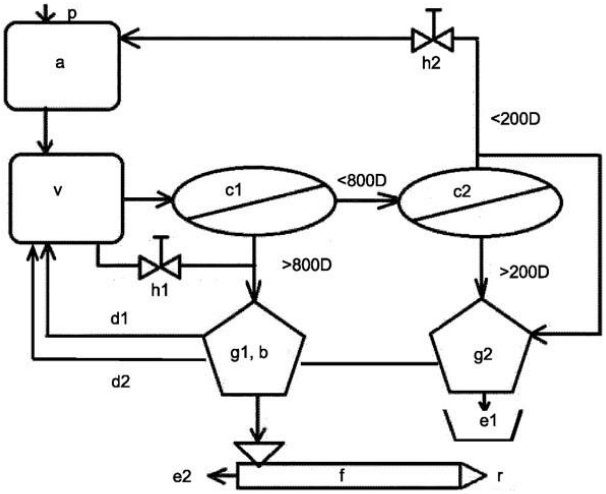


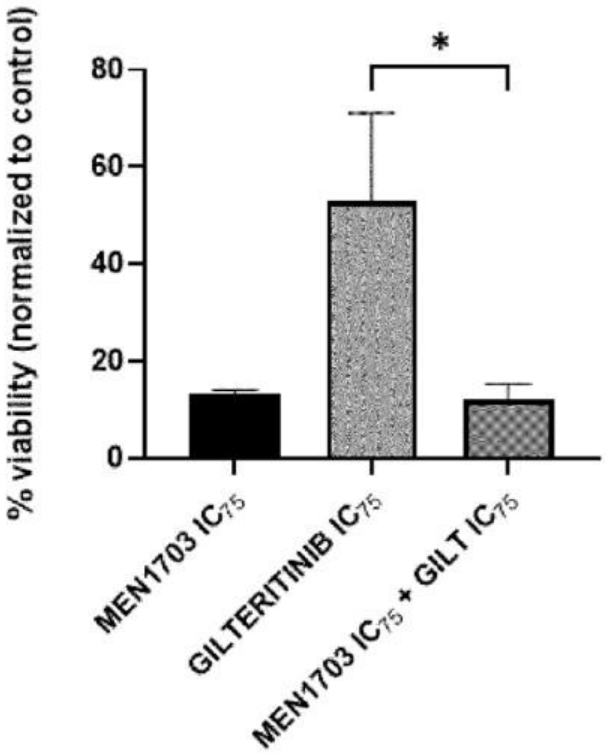
Fig. 1

21: 2024/09501. 22: 2024/12/10. 43: 2026/01/08
51: A61K; A61P
71: RYVU THERAPEUTICS S.A., BERLIN-CHEMIE AG
72: Monica BINASCHI, Daniela BELLAROSA, Giuseppe MERLINO, Krzysztof BRZOZKA
33: EP 31: 22460035.3 32: 2022-07-29

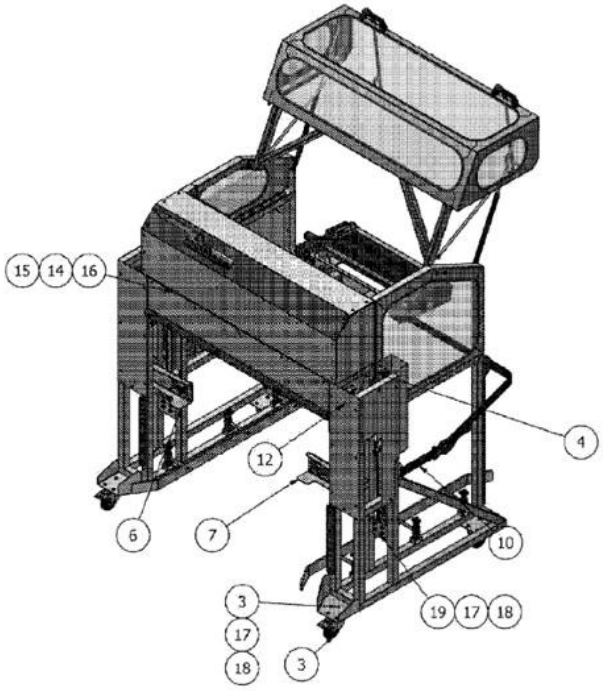
54: CANCER COMBINATION THERAPY INCLUDING A FLT3-INHIBITOR

00: -

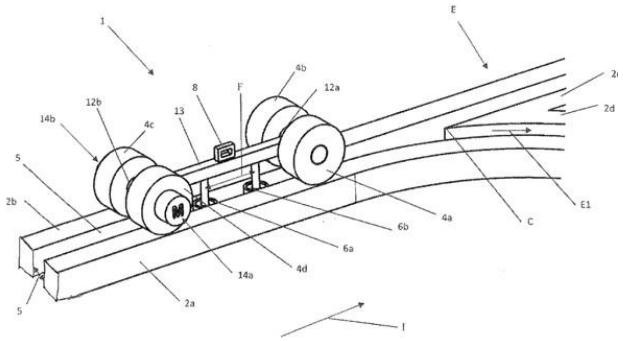
The present invention is inter alia concerned with a combination of (i) a FLT3-inhibitor and (ii) SEL24/MEN1703 for use as medicament, preferably for use in the treatment of a patient suffering from cancer. The present invention is also concerned with a kit of dosage forms comprising (i) a dosage form comprising a FLT3-inhibitor and (ii) a dosage form comprising SEL24/MEN1703; as well as dosage form comprising (i) a FLT3-inhibitor and (ii) SEL24/MEN1703.



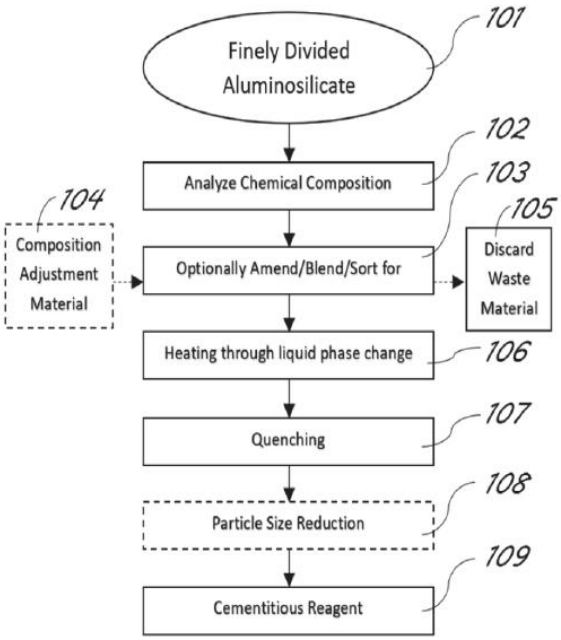
21: 2024/09652. 22: 2024/12/13. 43: 2026/01/08
51: B65B; B65D
71: VORTEX INNOVATION WORX (PTY) LTD
72: Mark TAYLOR
33: ZA 31: 2022/07132 32: 2022-06-28
54: CONTAINER ARRANGEMENT
00: -
The invention discloses a container arrangement having an outlet port and a liner bag containing fluid, which includes pressure means adapted to create a high pressure within the liner bag, by means of a force applied to the liner bag and fluid; the force is applied by two rollers which grip the liner bag at a point furthest from the outlet port, then move on an arc towards the outlet port; and the roller squeezes the fluid forward and drive it out of the liner bag; and wherein the pressure means and the rollers are not mutually enabled. The rollers are closed by hand but are squeezed together with pneumatic cylinders. The container arrangement can be a liner bag and/or intermediate bulk container (IBC).



21: 2024/09800. 22: 2024/12/18. 43: 2026/01/08
51: B61F
71: Antal ZOMBORI
72: Antal ZOMBORI
33: HU 31: P2200239 32: 2022-06-28
54: FIXED-TRACK TRANSPORT DEVICE
00: -
The invention discloses a fixed-track transport device, having two parallel rails (2a, 2b) separated from each other by a rail gap (5), a carriage (1) being able to run along the rails (2a, 2b) with at least two wheel sets each having wheels (4a, 4b, 4c, 4d) bearing independently in a common axle of rotation (12a, 12b) fitted on the rails (2a, 2b), and at least one branch (E) containing additional rails (2c, 2d) is built into the pair of rails (2a, 2b), and the axles of rotation (12a, 12b) are connected to each other by a support (13) having a fixing console (8), at least two guide rollers (6a, 6b) located in the rail gap (5) are connected rotatably to the support (13) along the length thereof, and each wheel (4a, 4b, 4c, 4d) of at least one of the wheel sets of the carriage (1) is equipped with an independent drive (14a, 14b) of adjustable power, and the transport device is provided with a power control unit.

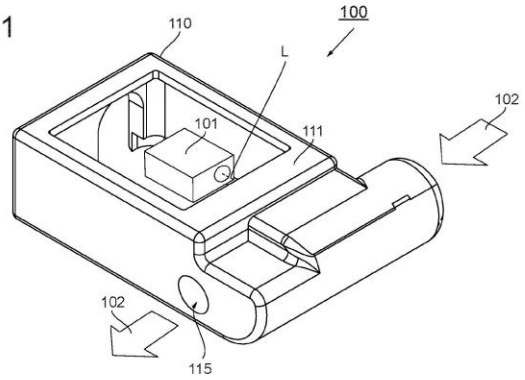


21: 2025/01921. 22: 2025/02/26. 43: 2025/11/03
51: C04B
71: TERRA CO2 TECHNOLOGY HOLDINGS, INC.
72: LAKE, Donald John
33: US 31: 62/867,480 32: 2019-06-27
33: US 31: 63/004,673 32: 2020-04-03
33: US 31: 63/025,148 32: 2020-05-14
54: CEMENTITIOUS REAGENTS, METHODS OF MANUFACTURING AND USES THEREOF
00: -
The invention provides for a method of reducing CO2 in cement production. The method comprises the steps of forming a cementitious reagent, which is a non crystalline solid, has a particle distribution with D[3,2] of 20 μm or less, and has less than about 10 wt. % CaO and adding the cementitious reagent to a binder. In some embodiments, the cementitious reagent may be in the form of a powder.

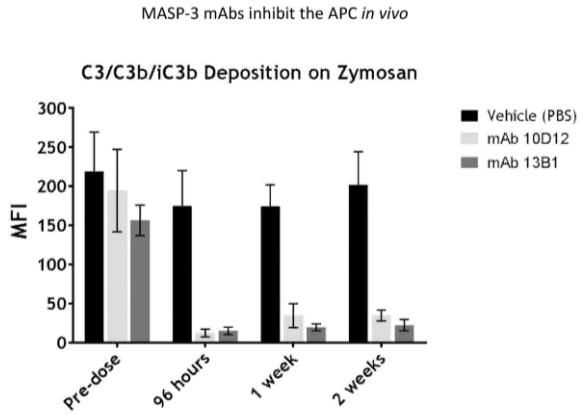


21: 2025/02661. 22: 2025/03/27. 43: 2025/10/31
51: G01N
71: Watergenics GmbH
72: MANTESCU, Liviu
33: DE 31: 10 2022 129 251.7 32: 2022-11-04
54: PROBE FOR LIQUID ANALYSIS
00: -
The invention relates to a probe (100) for ongoing liquid analysis, having at least one detector (101) for measuring the spectral properties of the liquid (102) to be analysed, and a liquid-tight housing (110) for receiving the at least one detector (101), wherein the at least one detector (101) is received in the liquid-tight housing (110), and wherein at least one window (112) is arranged in the wall (111) of the liquid-tight housing (110), through which window the at least one detector (101) detects spectral properties of the liquid (102) to be analysed, wherein the liquid-tight housing (110) is connected to a flow channel (115) through which the liquid (102) to be analysed flows, and wherein the at least one window (112) is directed into the flow channel (115). According to the invention, the flow channel (115) is wound. The wound channel prevents extraneous light from entering the flow channel (115).

Fig. 1



21: 2025/02749. 22: 2025/03/31. 43: 2025/11/12
51: A61K; C07K
71: Omeros Corporation, University of Leicester
72: CUMMINGS, W. Jason, DEMOPULOS, Gregory A., DUDLER, Thomas, SCHWAEBLE, Hans-Wilhelm, TJOELKER, Larry W., WOOD, Christi L., YABUKI, Munehisa
33: US 31: 62/369,674 32: 2016-08-01
54: COMPOSITIONS AND METHODS OF INHIBITING MASP-3 FOR THE TREATMENT OF VARIOUS DISEASES AND DISORDERS
00: -
The present invention relates to MASP-3 inhibitory antibodies and compositions comprising such antibodies for use in inhibiting the adverse effects of MASP-3 dependent complement activation.



21: 2025/02751. 22: 2025/03/31. 43: 2025/11/17
51: A61K; C07K
71: Omeros Corporation, University of Leicester
72: CUMMINGS, W. Jason, DEMOPULOS, Gregory A., DUDLER, Thomas, SCHWAEBLE, Hans-Wilhelm, TJOELKER, Larry W., WOOD, Christi L., YABUKI, Munehisa
33: US 31: 62/369,674 32: 2016-08-01
54: COMPOSITIONS AND METHODS OF INHIBITING MASP-3 FOR THE TREATMENT OF VARIOUS DISEASES AND DISORDERS
00: -
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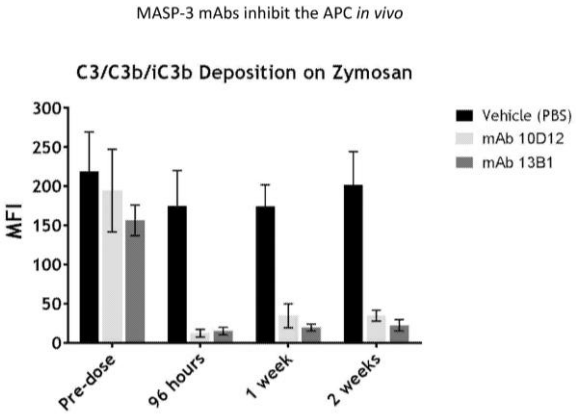
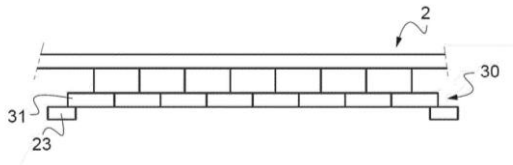


21: 2025/02767. 22: 2025/03/31. 43: 2025/10/31
51: C03B; F27D
71: Saint-Gobain Isover
72: DE DIANOUS, Philippe
33: FR 31: 2211070 32: 2022-10-25
54: GLASS FURNACE
00: -
The present invention relates to a glass furnace (1) comprising a tank (10) that is surmounted by a side wall (20) and is closed from above by a crown (30), said crown being supported by an external structure (2), characterized in that the crown is composed of a plurality of individual elements (31), each individual element being secured directly to the external structure.



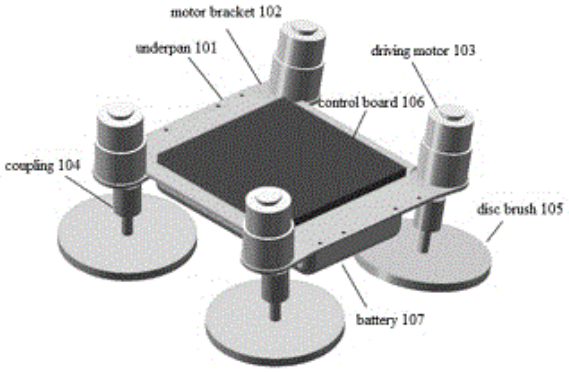
21: 2025/02847. 22: 2025/04/02. 43: 2025/11/10
51: H02S
71: HOHAI UNIVERSITY, CHANGZHOU CAMPUS
72: ZHANG, JINGWEI, WANG, HAIBIN, XIONG, CHENGCHENG, YANG, JIAO, WANG, HAOJUN, GAO, RUIGUANG, DING, KUN, CHEN, XIHUI

33: CN 31: 2023112311956 32: 2023-09-22

54: DISC BRUSH-TYPE PHOTOVOLTAIC CLEANING ROBOT AND MOTION CONTROL MODE THEREOF

00: -

The present invention discloses a disc brush-type photovoltaic cleaning robot and a motion control mode thereof, wherein the disc brush-type photovoltaic cleaning robot comprises an underpan, four groups of motor brackets, four groups of driving motors, four groups of couplings, four groups of disc brushes, a control circuit board and a battery, wherein an angle is formed between the disc brushes and the surface of a photovoltaic module to be cleaned; the disc brush and the robot driving wheel are integrated into a whole, the surface cleaning of the photovoltaic module is synchronously realized in the movement process of the robot, and the whole structure of the robot is more compact; and through the motor brackets of different angles of bending are changed, angle between dish brush and photovoltaic module surface can be changed, photovoltaic array cleaning operation can be realized in a variety of installation angles, which is suitable for a wide range of photovoltaic power station scenarios.



21: 2025/02877. 22: 2025/04/03. 43: 2025/11/10

51: B66C; E04H; F03D

71: Nordex Energy SE & CO. KG, Nordex Energy Spain, S.A.U.

72: GARCÍA MAESTRE, Iván, ÁLVARO GUTIÉRREZ, Pablo, CARRILLO ALONSO, Luis, BIEDMA GARCÍA, Manuel, RUPPEN CAÑÁS, Francisco José

33: EP(ES) 31: 22382884.9 32: 2022-09-27

33: EP (ES) 31: 22382885.6 32: 2022-09-27

54: ADAPTER, TOWER COMPRISING THE ADAPTER AND WIND TURBINE COMPRISING THE TOWER AND WIND FARM COMPRISING AT LEAST ONE WIND TURBINE

00: -

The present invention can be included in the technical field of wind turbines and proposes an alternative to conventional wind turbines having a tower which in turn comprises at least a first tower section, an adapter, and optionally a second tower section, wherein a lifting structure configured to lift the second tower section or at least one wind turbine component is attached to the adapter for bearing, at least partially, the vertical loads of the lifting structure.

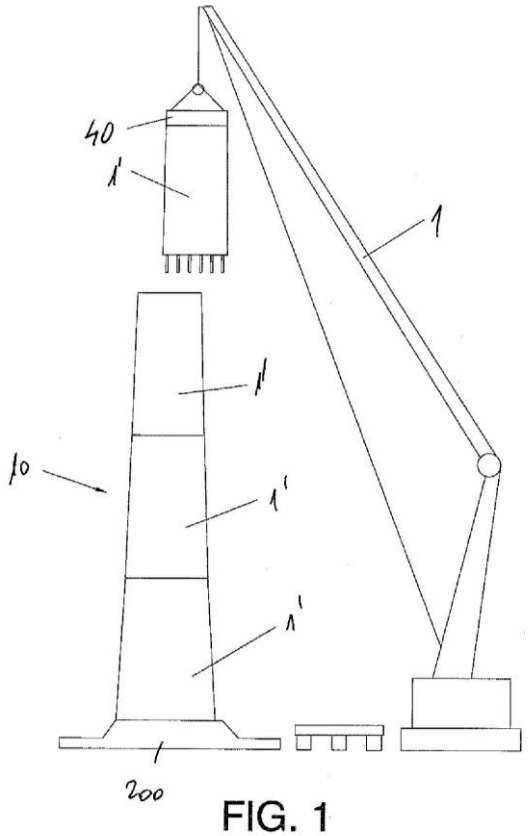


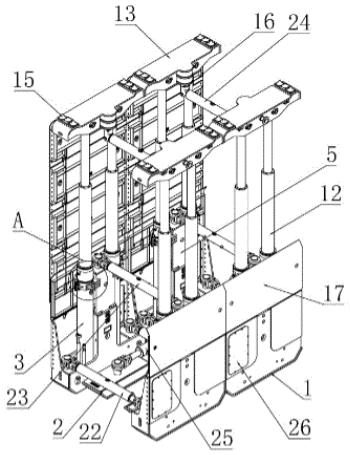
FIG. 1

21: 2025/03162. 22: 2025/04/15. 43: 2025/10/29

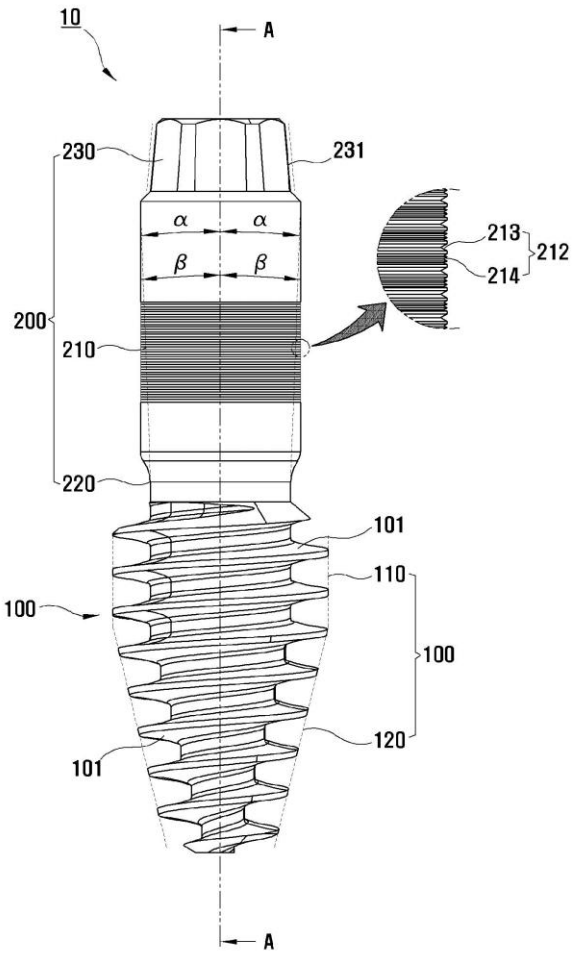
51: B66F

71: China University of Mining and Technology-Beijing, China Pingmei Shenma Holding Group Co., Ltd., PINGDINGSHAN TIANAN COAL MINING CO., LTD., Pingmei Shenma Machinery Equipment Group Co., Ltd., Hunan University of Science and Technology, China University of Mining and Technology

72: Ning FAN, Qiang ZHANG, Yantao HUANG, Hailong SUN, Qiankun ZHANG, Guochuan ZHANG, Lei ZHAO, Jianzhi YANG, Huaqiang ZHOU, Xiguo GONG, Qingliang CHANG, Xuefeng ZHANG, Xuejie DENG, Ning LI, Bizhang TAN, Jingwei LIAN, Genshui WU, Weifeng WANG, Yanhui SUN, Zhaofei XIE
33: CN 31: 2025204345620 32: 2025-03-13
54: HYDRAULIC LIFT ISOLATION ASSEMBLY WITH PASTE-FILLED CAVITY
00: -
The present invention relates to the technical field of coal mine filling and mining, and specifically to a hydraulic lift isolation Assembly with paste-filled cavity, comprising at least one isolating structure, wherein the isolating structure comprises two hydraulic lifting and isolating mechanisms arranged opposite to each other, and a connecting component is arranged between the two hydraulic lifting and isolating mechanisms; the hydraulic lifting and isolating mechanism comprises a base, a supporting seat, an isolating baffle and a jacking component, wherein the supporting seat is located above the base, and the isolating baffle is arranged on the outer side of the supporting seat; the jacking components are arranged at intervals between the base and the supporting seat, and the two ends of the jacking components are respectively connected to the base and the supporting seat, and a fixing component is arranged between two adjacent jacking components, and the fixing component is connected to the jacking component. The height of the present invention itself can be adjusted, and it can adapt to the isolation requirements of goaf filling spaces of different heights, and it can also adapt to the isolation requirements of goaf filling spaces of different inclination angles.



21: 2025/03175. 22: 2025/04/15. 43: 2025/10/29
51: A61C
71: MGNEWTON Co., Ltd.
72: PARK, Kwang Bum
33: KR 31: 10-2022-0136416 32: 2022-10-21
54: FIXTURE FOR DENTAL IMPLANT, AND IMPLANT SYSTEM COMPRISING SAME
00: -
A fixture for a dental implant, and an implant system comprising same are disclosed. The fixture for a dental implant, according to the present invention, comprises: a thread body which has a thread part formed in a spiral shape in the circumferential direction of the outer surface thereof, and which is implanted in the basal bone; and a non-thread body which is disposed at the top the thread body such that at least a portion thereof is disposed at the top of the basal bone when the thread body is implanted in the basal bone, and which has a length that is 0.8-1.5 times longer than the length of the thread body.

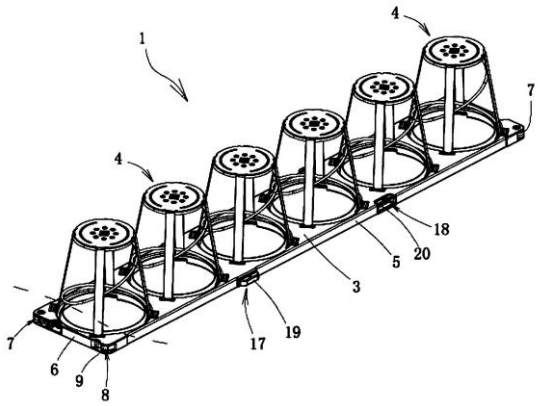


21: 2025/03177. 22: 2025/04/15. 43: 2025/10/29
51: A47C
71: LENG, Luhao
72: LENG, Luhao
33: CN 31: 202211308106.9 32: 2022-10-24

54: ELASTIC MODULE UNIT, ELASTIC PAD, AND FURNITURE

00: -

An elastic module unit (1), an elastic pad (2), and furniture. The elastic module unit (1) comprises fixed bottom plates (3) and a plurality of elastic modules (4) arranged on the fixed bottom plates (3). Each fixed bottom plate (3) comprises assembled side edges (5) arranged opposite to each other and end side edges (6) arranged opposite to each other; each end side edge (6) is provided with a plurality of connecting members; each connecting member comprises at least one of a rotating fitting member (7) and an engagement member (8); the rotating fitting member (7) is configured to swing back and forth about a pivot axis so as to be releasably engaged with the engagement member (8) of an adjacent elastic module unit (1); the engagement member (8) is configured to be releasably engaged with the rotating fitting member (7) of the adjacent elastic module unit (1). The elastic module unit (1) can significantly improve the convenience of assembling the elastic pad (2), and is convenient to disassemble for storage, thereby effectively reducing the space occupied when the elastic pad (2) is stored.



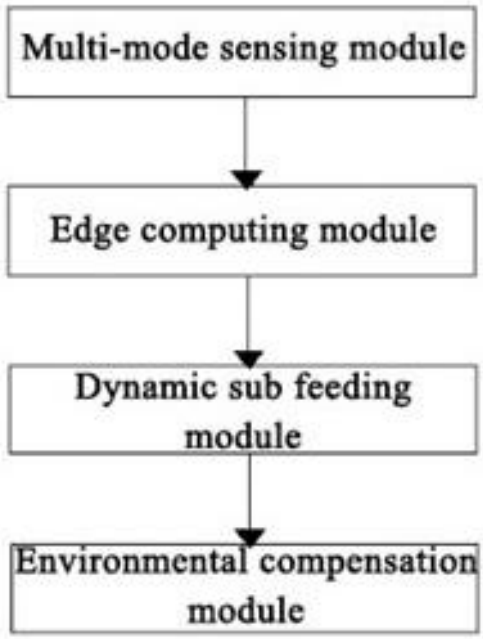
21: 2025/03204. 22: 2025/04/16. 43: 2025/10/29
51: A01K
71: ANHUI SCIENCE AND TECHNOLOGY UNIVERSITY
72: CHENG, Xuan, XU, Bing, REN, Liangliang, WANG, Yanping, ZHENG, Wenjie

54: FEEDING CONTROL SYSTEM FOR PET FEEDERS

00: -

The present invention discloses a feeding control system for pet feeders, which comprises: a multi-mode sensing module, edge computing module, dynamic sub feeding module and environmental compensation module, the multi-mode sensing module comprises a dual spectrum camera, a three-axis gravity sensor, an infrared thermal imaging array, a detection range covering a fan-shaped area with a diameter of 3m, and a sampling frequency of = 30Hz; The system first detects the types of pets around through the multi-mode sensing module and the edge computing module, so as to select the corresponding pet food, and detects the feeding behavior analysis and health status assessment of this pet, and appropriately adds snacks, and then feeds the precise amount of staple food and snacks

through the double spiral dispenser and the RFID identification module of the dynamic sub feeding module; And the environmental compensation module can compensate for the feeding amount based on the temperature, humidity, and air pressure at that time, so as to intelligently and accurately feed multiple mixed pets separately.



21: 2025/03233. 22: 2025/04/16. 43: 2025/10/29
51: A61B
71: GRAVIDA HEALTH PTY. LTD.
72: WARTY, Ritesh Rikain Satyajit, SMITH, Vinayak, SEO, Densearn
33: WO 31: PCT/AU2023/051092 32: 2023-10-27
33: AU 31: 2022903201 32: 2022-10-28
54: AN APPARATUS AND METHOD FOR USE IN GUIDING OR FACILITATING THE INSERTION OF AN ELONGATED MEDICAL DEVICE INTO ANATOMICAL OPENINGS
00: -
An apparatus for guiding or facilitating the insertion of an elongated medical device (18) into anatomical openings of humans and animals. A catheter (18) can form the medical device held by a hand controlled body (21) comprising of a hand connector (22) for connection to the operator's hand and a device connector (23) that is to substantially capture the catheter 18 and moved with the hand connector. When in position an extension and detent mechanism, which could in one form be a slide mechanism, extends the catheter to protrude a predetermined distance.

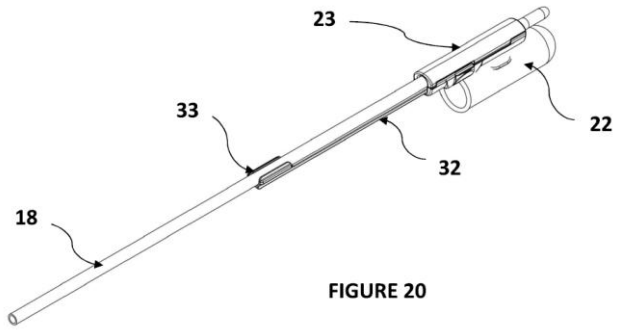
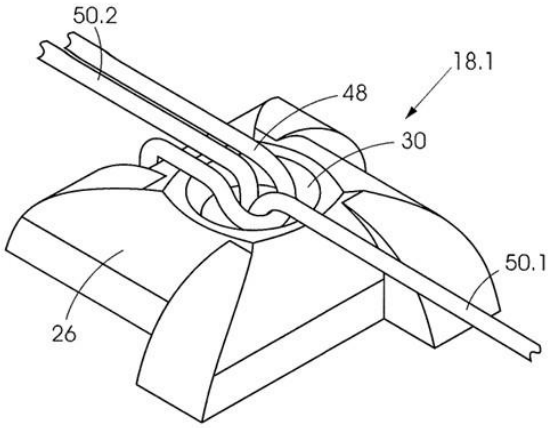


FIGURE 20

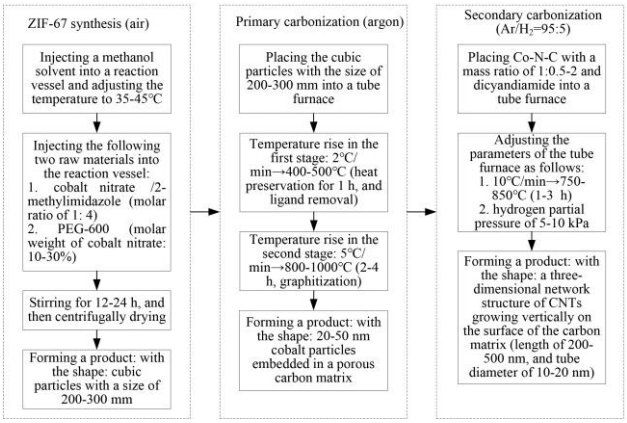
21: 2025/03322. 22: 2025/04/17. 43: 2025/12/10
51: F16G
71: DAVIS, Paul Michael, MEYER, Aldrich
72: MEYER, Aldrich
33: ZA 31: 2022/11279 32: 2022-10-14
54: A SECURING ASSEMBLY
00: -
The invention provides a securing assembly which includes an elongate flexible member which extends between a free end and a stop end; a clamp head which has a body which includes a clamping surface, an opposed securing surface, an edge along which the clamping and the securing surfaces meet, and an aperture through which the flexible member twice passes to provide, on opposed sides of the body, a securing loop and a free end section respectively; and a clamping formation on the flexible member between the clamp body and the stop end that is adapted to clamp the free end section of the flexible member between it and the clamping surface when the free end section is pulled, drawing the clamping formation into engagement with the clamp body.



21: 2025/03332. 22: 2025/04/21. 43: 2025/10/30
51: H01M
71: XINYU UNIVERSITY
72: Ling Li, Taibin Huang, Tingting Zhu, Minhua Jiang, Yingxin Liu

54: PREPARATION METHOD FOR POSITIVE ELECTRODE MATERIAL FOR LITHIUM-SULFUR BATTERY AND LITHIUM-SULFUR BATTERY

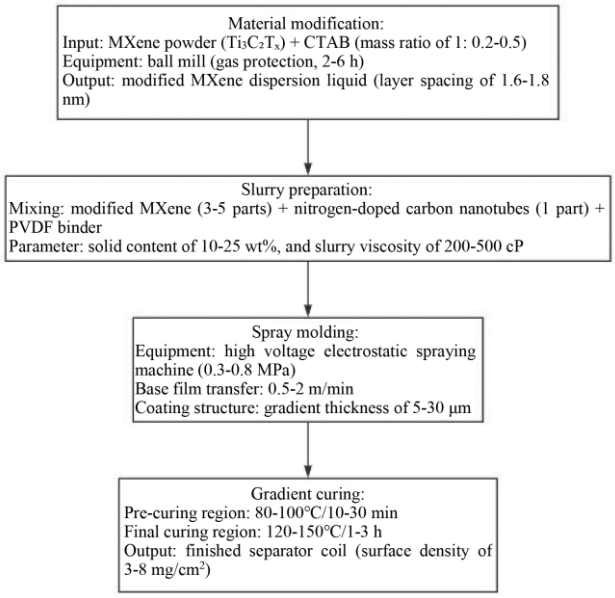
00: -
A preparation method for positive electrode material for a lithium-sulfur battery and a lithium-sulfur battery are provided. A cobalt-nitrogen co-doped carbon matrix Co-N-C is introduced into a metal organic framework ZIF-67 by a multistage carbonization technology, and carbon nanotubes CNT are grown in situ to form a three-dimensional conductive network. The preparation steps comprise: synthesis of a ZIF-67 precursor, primary carbonization to produce Co-N-C, and secondary carbonization to produce CNT@Co-N-C in combination with dicyandiamide.The material has high specific surface area greater than 1200 m²/g and conductive performance with conductivity greater than 200 S/m, which effectively inhibits the shuttle effect of polysulfide.A scanning electron microscope test shows that the carbon nanotubes and the matrix are covalently linked; the interface resistance is reduced to 8.6 ohm-centimeter squared; the capacity retention rate of the assembled lithium-sulfur battery is greater than 85% at 5C rate; the capacity attenuation is less than 15% after 800 cycles at 0.2C; and the energy density reaches 450 Wh/kg. A control experiment shows that the specific surface area of the material in a control group without using a surfactant is only 980 m²/g, and the capacity attenuation reaches 23% after 300 cycles.



21: 2025/03333. 22: 2025/04/21. 43: 2025/10/30
51: H01M
71: XINYU UNIVERSITY
72: Ling Li, Taibin Huang, Tingting Zhu, Minhua Jiang, Yinglin Xiao

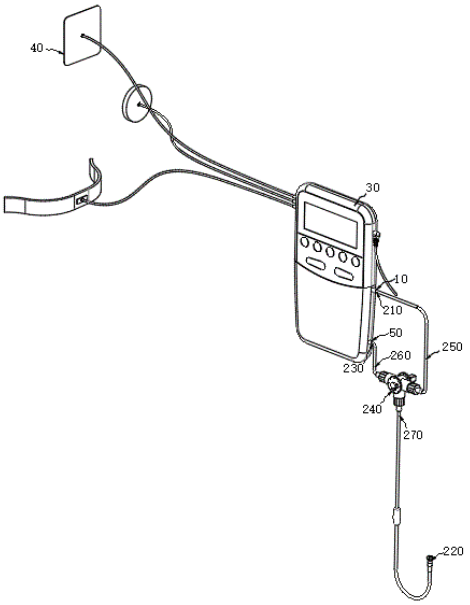
54: HIGH-PERFORMANCE LITHIUM-SULFUR BATTERY MODIFIED SEPARATOR AND PREPARATION METHOD THEREFOR

00: -
A high-performance lithium-sulfur battery modified separator and a preparation method therefor are provided. The composite structure of MXene/nitrogen-doped carbon nanotubes is innovatively used. Through surface modification, microwave-assisted synthesis and high-pressure spraying technology, a functional layer with gradient pores and a three-dimensional conductive network is constructed. The adsorption energy of the separator to polysulfide is -2.3 eV, and the lithium ion transference number is increased to 0.82, and the capacity retention rate of a lithium-sulfur battery after 500 cycles at 1C rate exceeds 80%. The present invention solves the technical problem that the traditional separator cannot take into account physical blocking and chemical adsorption.



21: 2025/03340. 22: 2025/04/22. 43: 2025/10/30
51: A61M
71: THE FIRST AFFILIATED HOSPITAL OF SOOCHOW UNIVERSITY
72: YANG, Yufan, XU, Shangxian, MA, Zhengmin, ZHAO, Dan, JI, Fuhai, PENG, Ke, SHAN, Xisheng, LIU, Huayue, BI, Guorong, YANG, Guowang, LIU, Linlin, HUO, Wenwen, KUAI, Lingyu, LEI, Yishan, MENG, Xiaowen
33: CN 31: 202510263503.6 32: 2025-03-06
54: AUTOMATED ANALGESIA PUMP AND CONTROL METHOD THEREOF
00: -

The present disclosure provides an automated analgesia pump and a control method thereof, through the cooperation of a sensing component and a controller, the drug injection rate can be automatically adjusted according to the patient's pain physiological signal, specifically, the automated analgesia pump includes a first liquid storage chamber, a pumping structure connected thereto, an infusion component, and a sensing component for collecting the patient's pain physiological signal, where the pumping structure outputs liquid from the first liquid storage chamber through its first liquid outlet end, and is connected to the first liquid inlet of the infusion component, which then delivers the drug to a pipe in the patient's body through the liquid outlet. The controller is connected to the sensing component and the pumping structure, and can collect and respond to the patient's pain signal in real time, and then controllably adjust the infusion rate of the pumping structure according to the collected signal, thereby achieving the purpose of dynamically adjusting the drug injection rate according to the patient's actual needs, and solving the problem in the prior art that the drug injection rate cannot be adjusted in time after the patient falls asleep.



21: 2025/03351. 22: 2025/04/22. 43: 2025/11/03
51: E05B
71: CISA S.p.A.
72: FABBRI, Matteo
33: EP(IT) 31: 24171859.2 32: 2024-04-23
54: ANTI-INTRUSION CYLINDER LOCK
00: -

An anti-intrusion cylinder lock (1) comprising a main body (2) provided with a fixed unit (3) that accommodates at least one respective rotatable element (5) provided with a housing seat (6) for a corresponding coded key (7) configured for the alignment of encoding means (8); the fixed unit (3) comprises a radial expansion (10) for the housing of the encoding means (8); the lock (1) comprises: - a respective longitudinal housing (11) defined in the radial expansion (10) of the fixed unit (3); - at least one main bar (12), and at least one lamina (13), which are configured to be coupled and inserted into the longitudinal housing (11) and at least one respective fixing insert (14) configured to be inserted transversely into respective holes (15, 16) of the

fixed unit (3) and of the bar (12) to reinforce the fixed unit.

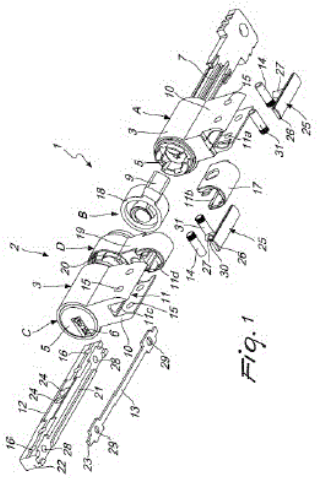


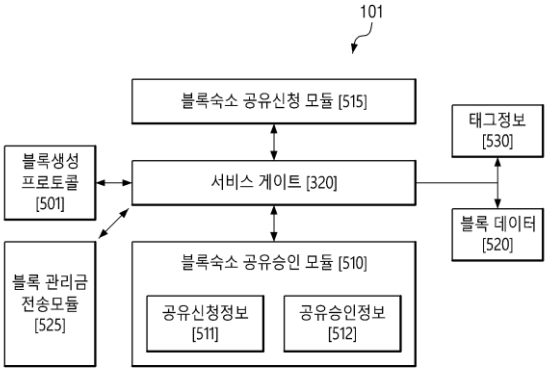
Fig. 1

21: 2025/03365. 22: 2025/04/22. 43: 2025/11/03
51: G06F; G07C; G06Q
71: CEONGUK EUI SEOLGEDO LC.
72: KIM, Min Jae
33: KR 31: 10-2022-0122410 32: 2022-09-27
33: KR 31: 10-2022-0122423 32: 2022-09-27
33: KR 31: 10-2022-0122452 32: 2022-09-27
33: KR 31: 10-2022-0122458 32: 2022-09-27
33: KR 31: 10-2022-0122464 32: 2022-09-27
33: KR 31: 10-2022-0122670 32: 2022-09-27
33: KR 31: 10-2023-0131051 32: 2023-09-27

54: ACCOMMODATION SHARING DEVICE USING BLOCKCHAIN, AND OPERATION METHOD THEREFOR

00: -

An electronic device according to an embodiment of the present disclosure, as an accommodation sharing device using a blockchain, may comprise: a communication module for connection of open-type or closed-type communication with external electronic devices; a processor for controlling an operation of the communication module; and a memory operatively connected to the processor. The memory may comprise instructions. When the instructions are executed by the processor, the electronic device may generate a first CID comprising information on a first house or a room of a house provided by a first user. When the instructions are executed by the processor, the electronic device may generate, if a first security for securing provision of the first house or the room of the house is paid, a blockchain for a block of houses including a pair of pieces of specific tag information which can identify the first CID. When the instructions are executed by the processor, the electronic device may generate, as a non-fungible token (NFT), a blockchain for transfer of a possessory right of the first house or the room of the house, and provide same to the first user. In addition, various embodiments are also possible.



320 ... Service gate
501 ... Block generation protocol
510 ... Block accommodation sharing approval module
511 ... Sharing application information
512 ... Sharing approval information
515 ... Block accommodation sharing application module
520 ... Block data
525 ... Block management fee transmission module
530 ... Tag information

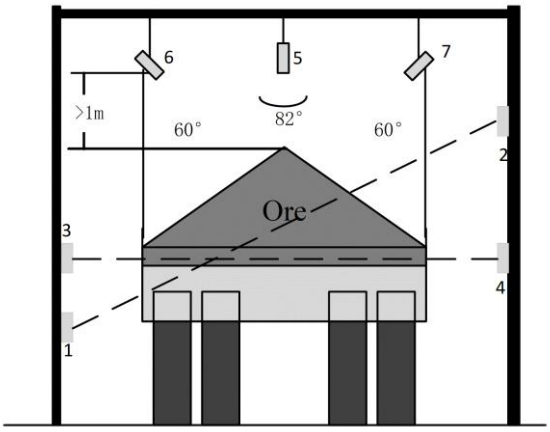
21: 2025/03398. 22: 2025/04/23. 43: 2025/11/07
51: G01N
71: CGNPC Uranium Resources CO.Ltd, East China University of Technology
72: Bin Qiu, Xiongjie Zhang, Yulong Liu, Renbo Wang, Chaofei Qin, Bin Tang, Huaifeng Zhang, Ning Chen, Jinhui Qu
33: CN 31: 2024110563590 32: 2024-08-02

54: METHOD OF DETECTING URANIUM ORE GRADE OF MOVING MINE CAR CAPABLE OF BEING STRIPPED OF THORIUM AND POTASSIUM RADIATION INTERFERENCE

00: -

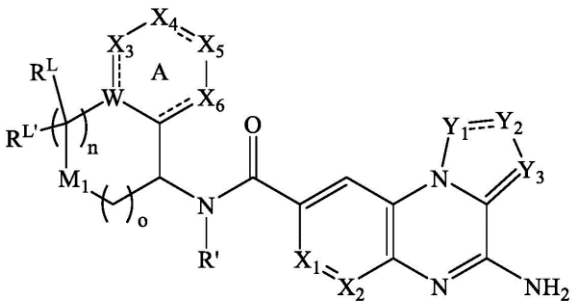
Provided is a method of detecting uranium ore grade of a moving mine car capable of being stripped of thorium and potassium radiation interference. The method includes: when a mine car passes through a device of detecting uranium ore grade of a moving mine car, acquiring gamma energy spectrum data by gamma detectors provided at boundary positions directly above the center of the mine car and at the

two sides of the mine car, respectively; dividing each of the gamma energy spectrum data into four energy regions; constructing four energy spectrum traffic curves from energy spectrum counting rates of four energy regions at each acquisition point, and obtaining an effective counting rate of a uranium element through the energy spectrum traffic curves, thus obtaining the uranium ore grade.



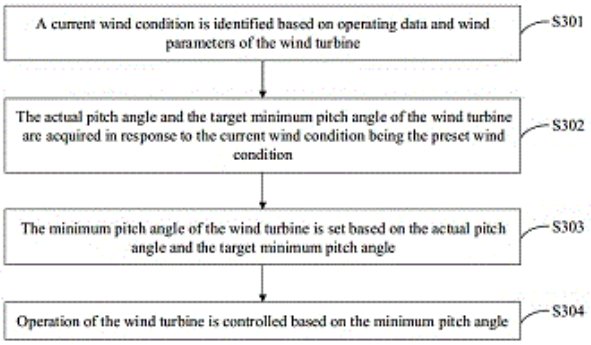
21: 2025/03498. 22: 2025/04/24. 43: 2025/11/07
51: A01C; A01N; A01P
71: Croda, Inc.
72: REECE, Tyler Alan, TLACH, Brian Charles
33: US 31: 63/422,167 32: 2022-11-03
54: SEED COATING COMPOSITION
00: -
A novel seed coating composition. Said coating comprising wax emulsion, polymeric binder, fibrous material, and filler with bulk density from 0.05 to 0.80 g/mL. In particular, the coating is selected from polyethylene or Fischer Tropsch wax emulsions, polyvinyl based binders, talc, and cellulose fibres. The seed coating composition when applied to a seed provides water permeability, good abrasion resistance, low dust emissions, short drying time, good flow ability and plant ability, low clumping, good cosmetics and/or coverage, higher capacity for adding increased numbers of desirable nutrients and seed and plant protectants, and/or increased seed size for plantability. There is also provided the use of said seed coating composition for coating seeds, a method of formed a coated seed using said composition, and the resulting coated seed.

21: 2025/03575. 22: 2025/04/25. 43: 2025/11/12
51: A61K; A61P; C07D
71: Shanghai Apeiron Therapeutics Company Limited
72: YAO, Bing, GU, Xiaohui
33: CN 31: 202211173943.5 32: 2022-09-26
54: NOVEL PRMT5 INHIBITOR AND USE THEREOF
00: -
The present invention describes a novel molecule with inhibitory activity against protein arginine methyltransferase 5 and methods for synthesis and use of the compound. Specifically, the present invention describes a compound of formula (I) or a pharmaceutically acceptable salt thereof, a hydrate therof, or a solvate thereof, and methods for synthesis and use of the compound.

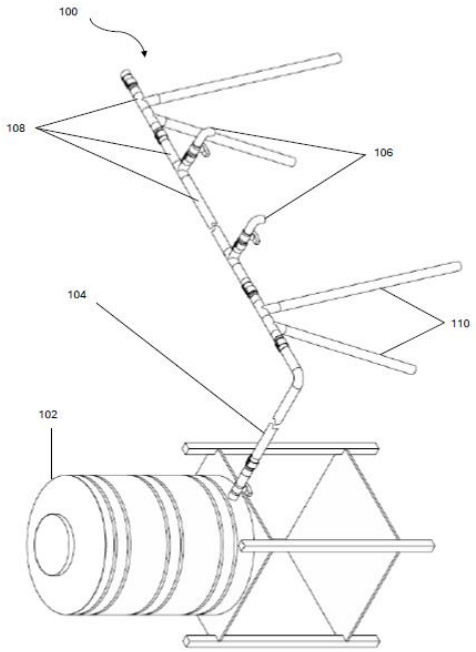


(I)

21: 2025/03582. 22: 2025/04/25. 43: 2025/11/12
51: F03D
71: BEIJING GOLDWIND SCIENCE & CREATION WINDPOWER EQUIPMENT CO., LTD.
72: LIU, MANG, ZHOU, JIE, DING, GUODONG
33: CN 31: 202310063820.4 32: 2023-01-12
54: VARIABLE-PITCH CONTROL METHOD AND DEVICE FOR WIND TURBINE GENERATOR SET
00: -
Provided are a variable-pitch control method and device for a wind turbine generator set. The variable-pitch control method comprises: identifying a current wind condition on the basis of operation data and wind parameters of a wind turbine generator set; in response to the current wind condition being a preset wind condition, acquiring an actual pitch angle and a target minimum pitch angle of the wind turbine generator set; setting a minimum pitch angle of the wind turbine generator set on the basis of the actual pitch angle and the target minimum pitch angle; and controlling the operation of the wind turbine generator set on the basis of the minimum pitch angle.

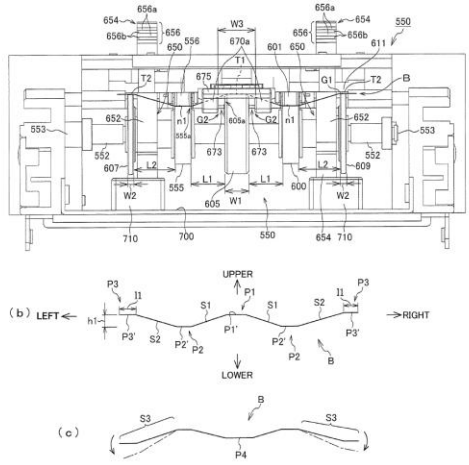


21: 2025/03697. 22: 2025/04/30. 43: 2025/12/04
51: B67D
71: Core Premier Water (Pty) Ltd
72: STOKELL, Frank Ernest
54: A MOBILE WATER DISPENSING SYSTEM
00: -
According to a first aspect of the invention, there is provided a mobile water dispensing system including at least one water container for receiving and storing water from a source of water; a piping system configured to receive water to be dispensed; at least one dispensing means operable to allow water to be dispensed. In this embodiment of the invention, the system is gravity-fed, utilising gravity to distribute the water through the system.



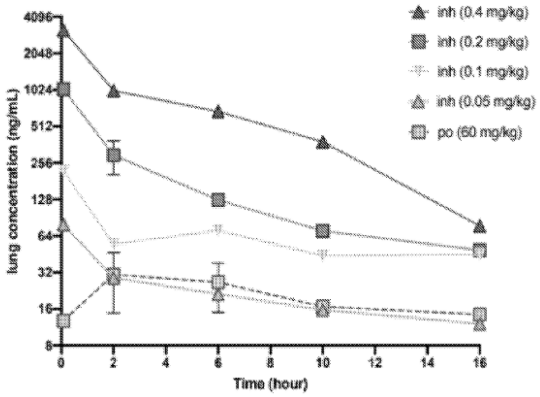
21: 2025/03705. 22: 2025/04/30. 43: 2025/11/17
51: B65H; G07D
71: JAPAN CASH MACHINE CO., LTD.
72: FUJIE, Yoshihisa, TOGANO, Keiichi
33: JP 31: 2022-162202 32: 2022-10-07
54: PAPER SHEET DISCHARGE ACCUMULATION DEVICE AND REFLUX-TYPE PAPER SHEET PROCESSING DEVICE
00: -
Provided are a paper sheet discharge accumulation device and a reflux-type paper sheet processing device that prevent a paper sheet drawn from a reflux unit from causing accumulation failure on a dispensing tray. The present invention comprises: a discharge conveyance path 510 on which a paper sheet drawn from a reflux unit 30, 40 is conveyed to a discharge tray 700 with its short side at the head; and a shaping mechanism 550 that performs shaping such that the short-side shape of the paper sheet conveyed on the discharge conveyance path becomes a predetermined shape over the entire length in the longitudinal direction, and discharges the paper sheet onto the discharge tray.

FIG.5



21: 2025/03759. 22: 2025/05/02. 43: 2025/12/11
51: A61K; A61P
71: CF PHARMTECH, INC., RUIJIN HOSPITAL, SHANGHAI JIAOTONG UNIVERSITY SCHOOL OF MEDICINE, CF PHARMTECH GUANGZHOU LIMITED
72: QU, Jieming, ZHAO, Jingya, XU, Lin, CHE, Lin, LI, Xiujuan, QUAN, Mengxue, LIANG, Bill Wenqing
33: CN 31: 202211485124.4 32: 2022-11-24
54: USE OF (-)-EPIGALLOCATECHIN GALLATE COMPOUND
00: -
The present invention relates to the field of chemical pharmaceuticals and provides use of an (-)-epigallocatechin gallate (EGCG) compound. The

present invention particularly relates to use of an EGCG compound in the preparation of an inhalation drug for preventing and/or treating pulmonary fibrosis diseases, an inhalable pharmaceutical composition for preventing and/or treating pulmonary fibrosis diseases, and a method for preventing and/or treating pulmonary fibrosis diseases. In the use, the EGCG compound is EGCG or a pharmaceutically acceptable salt thereof, an ester thereof, a hydrate thereof, or a solvate thereof. The drug/pharmaceutical composition taking the EGCG compound as an active ingredient provided by the embodiment is used as an inhalable drug for preventing and treating pulmonary fibrosis, such that an administration dosage can be greatly reduced, a relatively wide treatment window is provided, and a relatively slight adverse reaction and a relatively low administration frequency are achieved, thereby providing a new treatment choice for a pulmonary fibrosis patient.

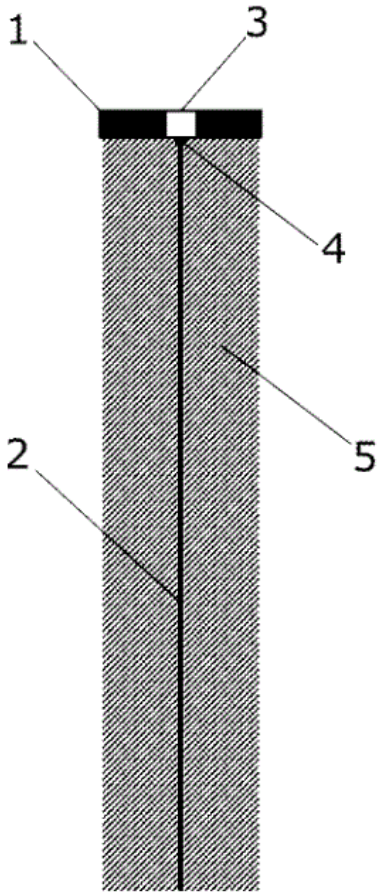


21: 2025/03760. 22: 2025/05/02. 43: 2025/12/08
51: E21B; E21C
71: FRIESENBICHLER, Franz
72: FRIESENBICHLER, Franz
33: AT 31: A 50904/2022 32: 2022-11-29

54: METHOD FOR THE SYSTEMATIC SELECTIVE EXTRACTION OF SOLID MINERAL RAW MATERIALS BY MEANS OF DIRECTIONAL DRILLING TECHNOLOGY

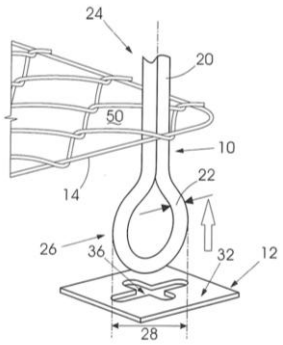
00: -

According to the invention, a method for the systematic selective extraction of solid mineral raw materials by means of a drilling device using directional drilling technology is provided, in which method, in a first step, an extraction drilling unit (19) drills through a rock layer (5) with an orientation drilling portion (6) and is thereby guided selectively and precisely into an excavation zone, in a second step, a 3D drilling grid (7) composed of a plurality of extraction drilling portions (8) is placed at the end of the orientation drilling portion (6), and, in a third step, extraction drilling portions (8) routed parallel to one another three-dimensionally are drilled, wherein a spacing of at most 45 cm is arranged between the final outside diameters of two adjacent extraction drilling portions (8), measured in the common normal direction of the two adjacent borehole axis portions, and wherein in each case one extraction drilling portion (8) after the other is drilled and, after the completion of an extraction drilling portion (8), this extraction drilling portion (8), together with the associated orientation drilling segment (6c), is secured.



21: 2025/03777. 22: 2025/05/05. 43: 2025/12/08
51: E21D
71: MSP MINE SUPPORT PRODUCTS (PTY) LTD
72: NISSEN, Christian Engelstoft

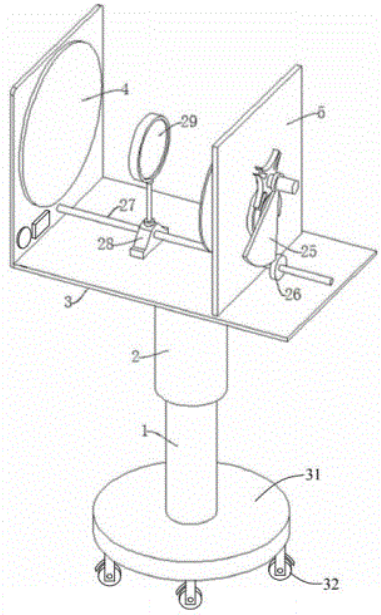
33: ZA 31: 2024/06744 32: 2024-09-02
54: ROCK BOLT AND WASHER
00: -
A combination of a rock bolt and a washer, wherein the washer comprises a plate with an aperture and the rock bolt comprises an elongate member with an eyelet, at one end of the elongate member, wherein the eyelet and the aperture are shaped so that the eyelet, in a first position relative to the aperture can be passed through the aperture and can then be placed in a second position, by controlled rotation of the elongate member about a longitudinal axis of the elongate member, relative to the aperture, at which the eyelet cannot be passed through the aperture.



21: 2025/03787. 22: 2025/05/05. 43: 2025/12/08
51: H04L
71: VISHWAKARMA INSTITUTE OF TECHNOLOGY
72: SONDKAR, Shilpa, JAGTAP, Stuti, WATH, Samrudhi
54: A UNIVERSAL SERIAL BUS KEY BASED AUTHENTICATION SYSTEM FOR ENSURING THE SECURITY OF SOCIAL MEDIA ACCOUNTS
00: -
The present invention is related to a universal serial bus key based authentication system for ensuring the security of social media accounts. With the escalating prevalence of cyber threats, ensuring the security of social media accounts has become a paramount concern. This invention provides the implementation of a universal serial bus (USB) key for secure login across all social media platforms. The USB key, serving as a second authentication factor, enhances security by requiring a physical device in addition to the traditional password. By incorporating public key cryptography, the USB key generates unique authentication tokens for each login session, significantly mitigating risks associated with phishing, man-in-the-middle attacks, and credential theft. The proposed solution is designed to be compatible with major social media platforms, offering a seamless user experience while ensuring robust security. The authors devised push buttons tailored for various webpages, enabling direct redirection to the corresponding platforms while ensuring two-step verification through a biometric sensor. The invention primarily concentrate on implementing an automatic login mechanism for the system, addressing the cumbersome task of repeatedly entering passwords, particularly for corporate users who engage with multiple social media platforms. The study delves into the technical implementation, including the integration process with existing login systems and the interoperability of the USB key across different devices and platforms. User experience and usability are evaluated through real-world case studies and user feedback, demonstrating the practicality and effectiveness of the solution. This approach not only reduces dependency on passwords but also simplifies account recovery processes, thereby enhancing overall user privacy and security. The research concludes that widespread adoption of USB key authentication could play a crucial role in safeguarding social media accounts against evolving cyber threats, offering a reliable and efficient solution for users worldwide.

21: 2025/03815. 22: 2025/05/06. 43: 2025/12/08
51: A61B
71: Anhui Medical College
72: LIU, Fei, LIU, Jiachen, LUO, Yuanyuan, QIU, Dongrong, SU, Yu, TIAN, Mi
54: ASSIST DEVICE FOR EYESIGHT TEST
00: -
Disclosed is an assist device for an eyesight test. The assist device includes a housing, where a curtain for receiving a projection is arranged on the housing, a mounting plate is arranged inside the housing, a rotating shaft is arranged on the mounting plate, a light source is connected to the rotating shaft, a transparent glass sheet is connected to the light source, and an optotype is drawn on the glass sheet. The housing is provided with a laser ranging device, a bottom of the housing is provided with a base, and a bottom of the base is provided with universal wheels with brakes. In the eyesight test,

the assist device can change a direction of the optotype “E” by driving the rotating shaft to rotate, and a patient only needs to recognize the direction of the optotype without deflecting pupils, such that accuracy of testing results is improved.

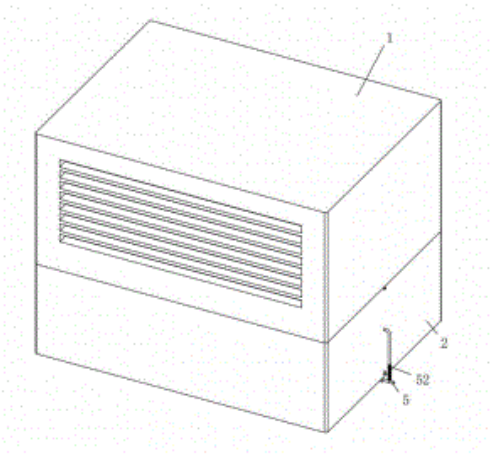


21: 2025/03816. 22: 2025/05/06. 43: 2025/12/08
51: E03B
71: NORTH CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY
72: SHAO, Zitong, LI, Wenqi, ZHANG, Duo, CHANG, Li
33: CN 31: 202510410812.1 32: 2025-04-02

54: AIR CONDITIONER CONDENSATE WATER COLLECTION DEVICE FOR BUILDING WATER SUPPLY AND DRAINAGE

00: -

Disclosed is an air conditioner condensate water collection device for building water supply and drainage. The device includes an air conditioner indoor unit, an outer box, an inner box, a plurality of guide plates, a plurality of drainage plates, a first support and buffer assembly, a second support and buffer assembly, a drainage assembly, a cleaning assembly, an adjustment limiting assembly, a snap-fit limiting assembly, two drain pipes, and two control valves; the outer box is arranged on a bottom of the air conditioner indoor unit; and the snap-fit limiting assembly is arranged on the outer box. The device is reasonable in design, and can directly drain condensate water on the air conditioner indoor unit into the inner box to avoid dripping of the condensate water and generating noise.

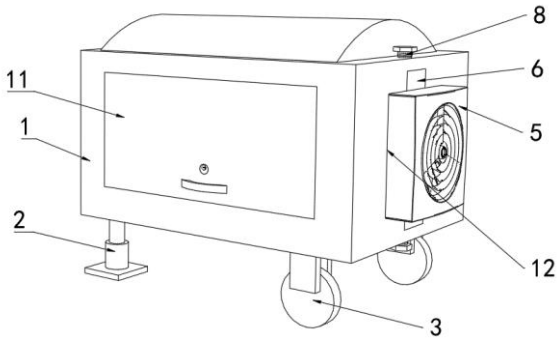


21: 2025/03817. 22: 2025/05/06. 43: 2025/12/08
51: H02B
71: HENAN UNIVERSITY OF URBAN CONSTRUCTION, Fujian Yueshan Energy Technology Co., Ltd.
72: NIU Zhehui, PANG Kaige, LOU Tong, DENG Lifeng, DENG Zihan, LEI Zuozhao, ZHONG Zhiguang, PANG Binbin

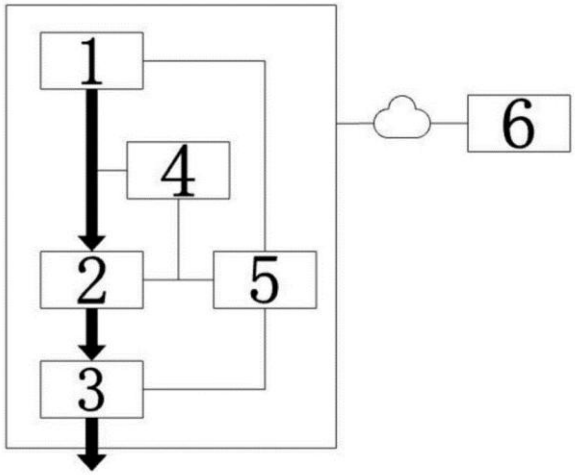
54: GENERATOR ELECTROMECHANICAL PROTECTION DEVICE FOR ELECTRICAL ENGINEERING

00: -

The present invention discloses a generator electromechanical protection device for electrical engineering, comprising a housing, which encloses the generator electromechanical components; a first cooling component, which is detachably installed on one side of the housing; and a second cooling component, which is located on the opposite side of the housing. The first cooling component and the second cooling component are arranged opposite each other, forming a through-type cooling channel. The first and second cooling components are respectively installed on the opposite sides of the housing to form a through-type cooling channel to improve the heat dissipation efficiency. The first cooling component can be disassembled and installed on the housing to facilitate the disassembly and replacement of the first cooling component.



21: 2025/03829. 22: 2025/05/06. 43: 2025/12/09
51: B09B
71: Zhejiang Huijin Environmental Protection Technology Co., Ltd
72: Cao Haizhou, Zhou Fang, Cui Shufen, Lin Lefeng, Zhang Feng, Ye Chao, Xin Xiaotong, Qi Chuan, Peng Xuebing, Zhang Zhi, Weng Jianwu
33: CN 31: 2024114426484 32: 2024-10-16
54: AUTOMATIC CLASSIFICATION AND RECYCLING SYSTEM FOR ELECTRONIC WASTE BASED ON ARTIFICIAL INTELLIGENCE IDENTIFICATION
00: -
Disclosed is an automatic classification and recycling system for electronic waste based on artificial intelligence (AI) identification, including a waste conveying module, an AI identification module, intelligent sorting modules, a dynamic sorting control system, a recycling and processing module, and a data analysis and feedback module. The waste conveying module conveys the electronic waste to an identification area, and the identification module performs multi-dimensional feature identification of the waste through vision, spectrum and three-dimensional (3D) morphological analysis technology. The intelligent sorting module sorts materials to designated sorting boxes according to identification results. The dynamic sorting control system can adjust a sorting path in real time according to task requirements. The recycling and processing module processes the sorted materials through crushing, magnetic separation and rare precious metal extraction devices. The data analysis and feedback module analyzes and optimizes data of identification and sorting operations to improve processing efficiency and recovery rate.



21: 2025/03830. 22: 2025/05/06. 43: 2025/12/08
51: E06B
71: LOUVER LITE LIMITED
72: GREENING, Andrew
33: GB 31: 2214917.3 32: 2022-10-10
54: SHUTTER ASSEMBLY FOR A WINDOW
00: -
A shutter assembly including a shutter-style window covering; and a mounting clip, wherein the shutter-style window covering includes a frame that defines an aperture, and a plurality of vanes that are rotatably coupled to the frame, wherein the vanes have a first orientation in which completely obscure the aperture, and a second orientation in which they partially obscure the aperture; wherein the frame defines a mounting clip receiving portion; wherein the mounting clip is detachably coupled to the mounting clip receiving portion; and wherein the mounting clip includes a window engagement portion via which the mounting clip may be detachably coupled to a window.

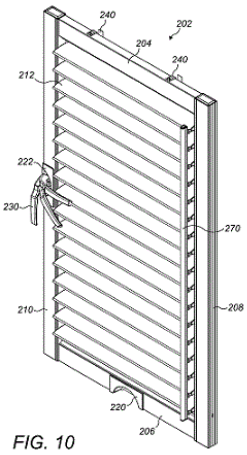


FIG. 10

21: 2025/03831. 22: 2025/05/06. 43: 2025/12/08
51: E06B
71: LOUVER LITE LIMITED
72: GREENING, Andrew
33: GB 31: 2214917.3 32: 2022-10-10
54: SHUTTER ASSEMBLY FOR A WINDOW
00: -
A shutter assembly including a shutter-style window covering; and at least one mounting clip, wherein the shutter-style window covering includes an outer frame that defines an aperture; and at least one shutter door which includes a door frame and a plurality of vanes that are rotatably coupled to the door frame, wherein the vanes have a first orientation in which completely obscure an aperture defined by the door frame, and a second orientation in which they partially obscure the aperture; wherein the or each shutter door is hingedly coupled to the outer fame; wherein the outer frame defines at least one mounting clip receiving portion; wherein the or each mounting clip is detachably coupled to a respective one of the mounting clip receiving portion; and wherein the clip includes a window engagement portion via which the mounting clip may be detachably coupled to a window.

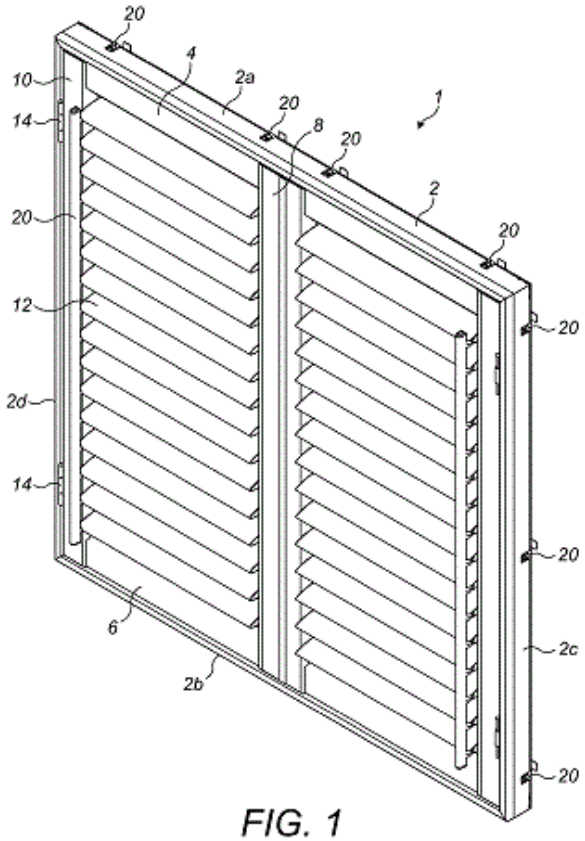
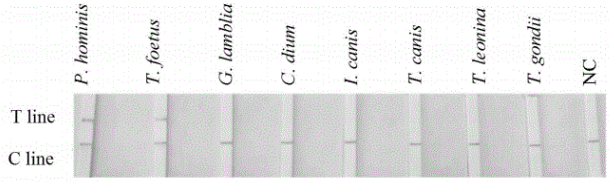


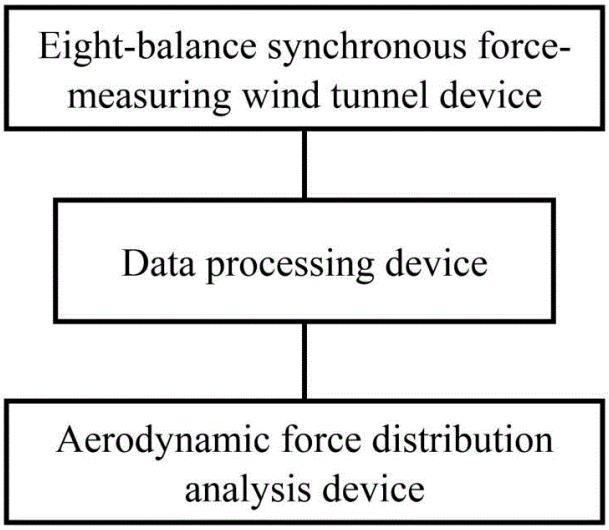
FIG. 1

21: 2025/03859. 22: 2025/05/07. 43: 2025/12/08
51: C12N; C12Q
71: Jiangxi Agricultural University
72: CHEN, Xiaoqing, YAO, Zhiwen, ZHANG, Tianhong, JIANG, Xincheng, XIAO, Shuting, XIAO, Tao, MA, Yingrui
33: CN 31: 202411171609.5 32: 2024-08-26
54: CRRNA FOR DETECTING PENTATRICHOMONAS HOMINIS AND TRITRICHOMONAS FOETUS AND APPLICATION
00: -
Disclosed are crRNA for detecting P. hominis and T. foetus and application, which belong to the technical field of medical detection. A method of the present invention designs specific RPA primers aiming at 18S rRNA genes of two trichomonas, a target fragment is amplified, and specific crRNA and Cas12a recognize the target fragment and activate trans-cleavage activity of the Cas12a, such that a single-stranded DNA probe modified by FAM and Biotin is cleaved. Presence or absence of a T line of a lateral flow chromatography test strip indicates whether a sample contains the above two trichomonas. The method is rapid and visual, has

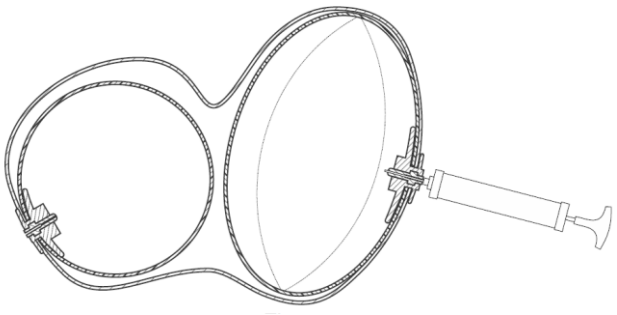
good specificity, high sensitivity and low requirements for an apparatus, and is especially suitable for rapid and accurate detection in a field environment, which provides a good technical means for grass-roots monitoring and detection of infection of P. hominis and T. foetus.



21: 2025/03860. 22: 2025/05/07. 43: 2025/12/08
51: G06F
71: Zhejiang University of Science and Technology
72: LI Feng, LIU Jiangshan, FAN Lei, SONG Fangyuan, JIN Hui, XU Hangjing, MEI Danyang, ZHOU Renzhi
54: DEVICE FOR ANALYZING AERODYNAMIC FORCE DISTRIBUTION OF TRANSMISSION TOWERS
00: -
The invention discloses a device for analyzing aerodynamic force distribution of transmission towers, comprising: an eight-balance synchronous force-measuring wind tunnel device, a data processing device, and an aerodynamic force distribution analysis device. The eight-balance synchronous force-measuring wind tunnel device is used to conduct force-measuring wind tunnel tests to obtain the shear and torque components of the balances. The data processing device constructs an aerodynamic force distribution model based on the shear and torque components. The aerodynamic force distribution analysis device analyzes the aerodynamic force distribution of the transmission tower based on the model. The invention installs small-sized balances directly at the corner points of transmission tower sections, reducing the impact of additional structural mass on dynamic responses and improving data authenticity. It allows for synchronous measurements of aerodynamic force components at different heights and is adaptable to various transmission tower types, aligning with the trend toward larger and taller towers.



21: 2025/03861. 22: 2025/05/07. 43: 2025/12/08
51: A63B
71: BARTIES, Eliah Ashley
72: BARTIES, Eliah Ashley
54: A MULTI-SPORT BALL
00: -
According to a first aspect of the invention, there is provided a multi-sport ball, said ball including a casing that forms at least an exterior portion of the ball, and two or more bladders disposed withing the casing. In an embodiment of the invention, each bladder is configured to form a different shape, wherein a bladder may have one of a spherical or prolate spheroid shape.



21: 2025/03863. 22: 2025/05/07. 43: 2025/12/08
51: A61K
71: Minglin Yu
72: Minglin Yu
54: MEDICINAL COMPOSITION FOR EXTERNAL USE
00: -
A medicinal composition for external use, wherein it is composed of tripterygium wilfordii, angelica

pubescens, ligusticum chuanxiong, cyathula officinalis, impatiens balsamina, schizonepeta tenuifolia, lycopus lucidus, and patrinia scabiosifolia. The synergistic effects of various drugs in the invention comprise dispelling wind-dampness, activating blood circulation and qi flow, resolving blood stasis to unblock collaterals, reducing swelling and dissipating nodules, anti-inflammatory analgesia, etc; it can effectively treat toothache, lower back and leg pain, traumatic injuries, rheumatism, cervical spondylosis, limb numbness, hand joint pain, edema disease, plantar fasciitis, ulcers, hemorrhoids, bone spurs, lumbar spinal stenosis, etc., with rapid and significant effects.

21: 2025/03870. 22: 2025/05/07. 43: 2025/12/08
51: A61K
71: LEIUTIS PHARMACEUTICALS LLP
72: KOCHERLAKOTA, Chandrashekhar, ARUTLA, Srinivas
33: IN 31: 202241058354 32: 2022-10-12
54: NOVEL LIQUID ORAL FORMULATIONS OF CANNABIDIOL
00: -
The present invention relates to stable liquid oral pharmaceutical formulations of cannabidiol (CBD) and also discloses methods of producing stabilized formulations of cannabidiol using cannabidiol from a synthetic source. The stable formulations of the present invention comprise of synthetic CBD and one or more pharmaceutically acceptable excipients selected from solvents, oils, organoleptic modifiers, buffers, surfactants etc.

21: 2025/03875. 22: 2025/05/07. 43: 2025/12/08
51: F16F
71: CAPPELLER FUTURA S.R.L.
72: CAPPELLER, Alessandro
33: IT 31: 102022000021759 32: 2022-10-21
54: COMPENSATION SYSTEM FOR GAS SPRINGS
00: -
The invention concerns a compensation system (100) for a gas spring (10) equipped with a fixed cylinder (1) adapted to contain the gas and a movable rod (2) configured to slide relative to the cylinder (1) to move the spring (10) from an extended configuration to a compressed configuration; the compensation system (100) is adapted to be housed inside the spring (10) and includes: - a compensation chamber (11, 21), closed by a sliding wall inside the chamber (11, 21), so that in the extended configuration the gas contained in the cylinder (1) is outside the chamber (11, 21), and in the compressed configuration the gas contained in the cylinder (1) occupies the first chamber (11, 21). The invention also concerns a gas spring including this compensation system.

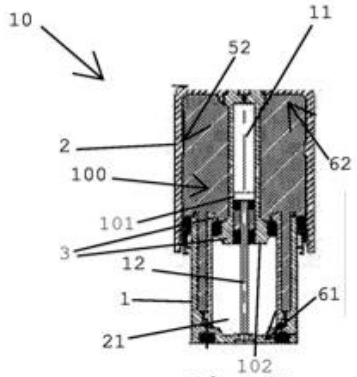
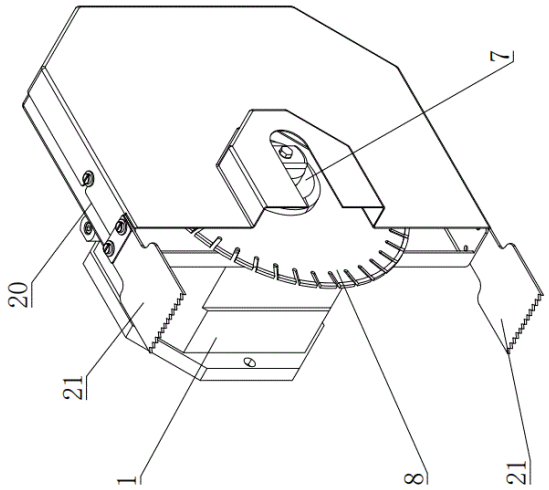


Fig.4A

21: 2025/03903. 22: 2025/05/08. 43: 2025/12/09
51: B23D
71: Shenyang Institute Of Engineering, Shenyang Jianzhu University
72: Gao Qiang, Wu Yuhou, Zhao Dehong, Wang Lin, Rao Yinqin
54: A SAWING DEVICE FOR ASSEMBLING A VARIABLE DIAMETER SCREW TYPE MAIN AXIS
00: -
The present invention belongs to the field of material cutting and discloses a sawing device for assembling a variable diameter screw type main axis, comprising a shell. The shell is equipped with a main axis, and one end of the main axis is connected to a short axis. Both the main axis and the short axis can rotate freely relative to the shell. When the short axis rotates relative to the main axis, the main axis moves axially, and the other end of the main axis extends out of the shell. The main axis outside the shell is equipped with a shoulder, and a sleeve is coaxially arranged on the main axis outside the shoulder. A block is uniformly distributed on the outer wall of the sleeve, and an internal compression sheet is coaxially arranged on the sleeve. The external compression sheet is coaxially arranged on the main axis outside the sleeve, and the external compression sheet is in contact with the block. The

external compression sheet is fixed to the main axis through threads. There is a saw blade between the internal compression sheet and the external compression sheet, and a tension module is When axial movement occurs, the tensioning module can tighten the inner hole of the saw blade outward;This invention solves the problem of vibration of saw blades in sawing machines during operation.

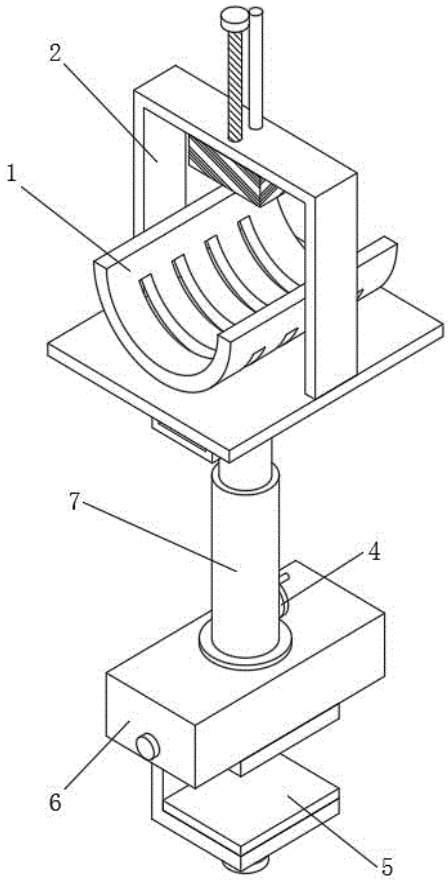


21: 2025/03904. 22: 2025/05/08. 43: 2025/12/09
51: A61G
71: Jie Sun
72: Jie Sun, Jing Liu, Yan Wang

54: AN ARM SUPPORT FOR OPERATING ROOM NURSING

00: -

The invention discloses an arm support for operating room nursing, belonging to the field of medical devices. It includes a fixed component, with a lifting component arranged above the fixed component. A turntable is installed on one side of the lifting component, and a rotating component is installed at the top of the lifting component. A supporting plate is placed above the rotating component. The rotating component and the supporting plate are connected by an inclined pressing device, and the fixed component is connected to the lifting component through a temporary storage device.Through the use of the inclined pressing device, the staff can adjust the tilt of the supporting plate as needed by rotating blocks and abutment blocks, thereby better meeting the work requirements under different conditions. Additionally, the staff can press the patient's arm by utilizing the cooperation between the first screw and the rubber block, thus reducing the likelihood of the patient's arm shaking or detaching from the supporting plate, which in turn improves the working ability of the arm support.



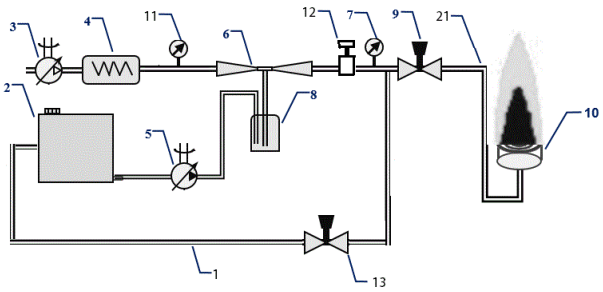
21: 2025/03905. 22: 2025/05/08. 43: 2025/12/09
51: F01N
71: HENAN UNIVERSITY OF URBAN CONSTRUCTION, JING 'AN (HENAN) NEW ENERGY TECHNOLOGY DEVELOPMENT CO., LTD
72: LIU Yu, LOU Tong, KONG Youfang, NIU Zhehui, DONG Shanshan, CHENG Shunjing

54: DEVICE FOR CONVERTING FUEL OIL INTO OIL-GAS FUEL USING HIGH-TEMPERATURE AIR VENTURI EJECTOR

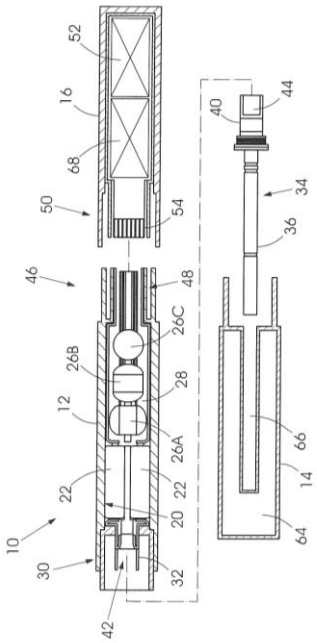
00: -

The present invention discloses a device for converting fuel oil into oil-gas fuel using a high-temperature air Venturi ejector, belonging to the technical field of gas-liquid mixing devices. The device includes a Venturi ejector (6); the main inlet end of the Venturi ejector is connected to a high-

temperature gas supply mechanism, and the throat suction inlet end of the Venturi ejector is connected to a fuel oil supply mechanism; the outlet end of the Venturi injector is used to supply oil and gas mixed fuel into the burner. A pressure adjustment mechanism is provided between the Venturi ejector and the burner. The pressure adjustment mechanism includes an installation block. The installation block is provided with a channel connected to the outlet end of the Venturi ejector and the burner. The installation block is also provided with an adjustment slot connected to the channel. A sliding adjustment plate is connected inside the adjustment slot, and the installation block is equipped with a driving component connected to the adjustment plate. The driving component drives the adjustment plate to extend into or retract from the channel. The present invention achieves the adjustment of the channel opening size, thereby allowing for the adjustment of the outlet pressure of the Venturi ejector according to actual conditions.

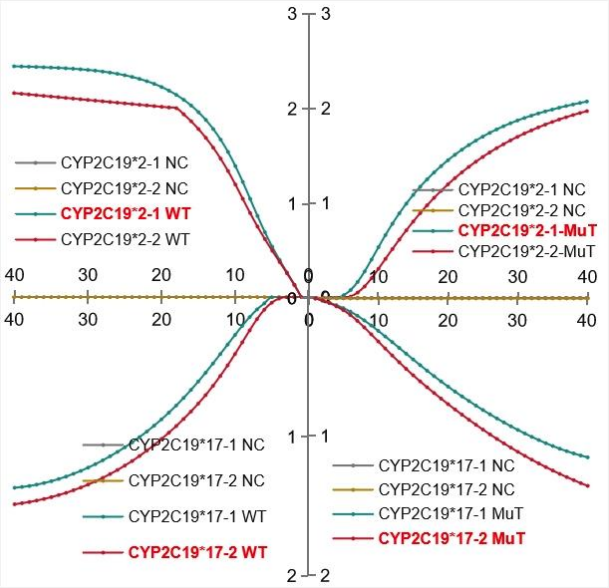


21: 2025/03906. 22: 2025/05/08. 43: 2025/12/09
51: F42D
71: DETNET SOUTH AFRICA (PTY) LTD
72: DE VILLIERS, Kari
54: WIRELESS DETONATOR ASSEMBLY
00: -
A detonator assembly which comprises a first housing with a first end, a second end and which includes a power source, an antenna, detonator contacts and a first connector device which is connectable to the power supply, the antenna and the detonator contacts, a second housing which is engaged with the first end of the first housing and which includes a booster, a detonator which is located partly in the booster and which is connected to the detonator contacts in the first housing, and a third housing which is engageable with the second end of the first housing and which includes a processing module and a second connector device which is connected to the first connector device and to the processing module.



21: 2025/03907. 22: 2025/05/08. 43: 2025/12/09
51: C12Q
71: HANSHAN NORMAL UNIVERSITY
72: LIU, Yaqun, ZHENG, Yuzhong, ZHANG, Zhenxia, CHEN, Lianghui, YE, Qiuping, LUO, Yuting, HUANG, Jiayi
54: PRIMER SET FOR CYP2C19 GENE POLYMORPHISM DETECTION AND AN APPLICATION THEREOF
00: -
The disclosure relates to the field of genetic engineering technology, in particular to a primer set for CYP2C19 gene polymorphism detection and an application thereof. A primer set for CYP2C19 gene polymorphism detection, comprising: primers and probes for the detection of CYP2C19*2 locus in CYP2C19 gene, and primers and probes for the detection of CYP2C19*17 locus in CYP2C19 gene: in the disclosure, the TaqMan-MGB method shows high specificity, high sensitivity and good repeatability in detecting the polymorphisms of CYP2C19*2 and CYP2C19*17 loci of CYP2C19 gene, which is suitable for rapid detection of clinical large-scale samples. The TaqMan-MGB method provides an effective molecular diagnostic tool for

the early diagnosis and prevention of CYP2C19*2 and CYP2C19*17 related diseases.



21: 2025/03908. 22: 2025/05/08. 43: 2025/12/09
51: G06N
71: VISHWAKARMA INSTITUTE OF TECHNOLOGY
72: DUDHYAL, Sanskar Anand, JADHAV, Varsha Damodhar, MAHALLE, Parikshit
54: A REAL-TIME SIGN LANGUAGE RECOGNITION SYSTEM USING LSTM AND MEDIAPIPE FOR GESTURE DETECTION
00: -
The present invention is related to a real-time sign language recognition system using LSTM and mediapipe for gesture detection. The present invention deals with a sign language recognition system that offers an interpretation of sign language gestures in real-time using AI and machine learning. Using computer vision algorithms, the system captures and analyzes gestures through regular cameras and translates them to text or speech in real-time. Unlike existing technologies, this invention does not depend on application specific hardware or complicated set of training data and is capable of integrating with regular computational devices while providing real time performance at a comparatively low cost. The incorporation of learning from signing individuality adds expandability and gives the system applications in areas such as communication, education, and telecommunication.

21: 2025/03909. 22: 2025/05/08. 43: 2025/12/09
51: G06Q
71: VISHWAKARMA INSTITUTE OF TECHNOLOGY
72: RAJPUT, Siddhika Sanjaysingh, SALUNKHE, Aditi Vijay, WANDHARE, Paritosh Dilip, PADEWAR, Arjun Pramod, MIRAJKAR, Riddhi, FUTANE, Pravin
54: AN INNOVATIVE MOBILE SAFETY SYSTEM WITH SMARTWATCH INTEGRATION FOR PERSONAL SECURITY AND WELL-BEING
00: -
The present invention is related to an innovative mobile safety system with smartwatch integration for personal security and well-being. The invention is an innovative mobile safety system with smartwatch integration, designed to enhance both personal security and emotional well-being. It features real-time location monitoring and safe route mapping based on community feedback. A dedicated button on the smartwatch activates the system, allowing users to send manual-trigger emergency alerts to trusted contacts and nearby NGOs without relying on voice commands or gestures. Additionally, the system provides a virtual companion that engages users through conversation or relaxation activities, such as music or breathing exercises, ensuring a holistic approach to safety and mental health during travel.

21: 2025/03910. 22: 2025/05/08. 43: 2025/12/09
51: G06T
71: VISHWAKARMA INSTITUTE OF TECHNOLOGY
72: LARDKHAN, Afrah Abdulhaq, PANDYA, Kuhu Deepak, KARANJEKAR, Sanika Ulhas, GAUTAM, Akrati Manoj, BHOITE, Sonali Prashant, MOKASHI, Mandar Krishnarao
54: A MACHINE LEARNING AND AUGMENTED REALITY BASED AUTOMATED OPTICAL ALIGNMENT SYSTEM
00: -
The present invention is related to a machine learning and augmented reality based automated optical alignment system. This invention is a high-tech eyeglass that brings the best of technology together with comfort in correcting vision. With its intelligent, adjustable eyewear, it is easy to change between modes for reading, computer work, or outdoor activities. That is why with this super eyewear, it becomes very easy to view clearly all day long without getting stressed eyes. Other great

features include gesture-based controls, where switching the lens settings can easily be done by swiping or touching the frame. This makes the interface very friendly to the users because it has the flexibility of having changes on-the-go. It also features an eye health tracker, which can determine levels of eye strain and fatigue and remind the user to take breaks while nudge them towards having better eye habits.

21: 2025/03911. 22: 2025/05/08. 43: 2025/12/09
51: G06Q
71: VISHWAKARMA INSTITUTE OF TECHNOLOGY
72: CHAUDHARI, Archana, BAUSKAR, Aneesh Rajesh, KUMBHAKERN, Piyush Vishwas
54: AN IOT BASED ELECTRONIC PAYMENT SYSTEM FOR SECURE AND EFFICIENT FINANCIAL TRANSACTIONS
00: -
The present invention is related to an IoT based electronic payment system for secure and efficient financial transactions. The payment system aims to develop a cost-effective and user-friendly electronic payment system designed to facilitate secure and efficient financial transactions. The system leverages the Internet of Things (IoT) technology and comprises an ESP32 microcontroller integrated with an Arduino Nano, a 4x4 keypad, an RFID reader, and a TFT display. The system is designed to offer seamless interaction, secure data handling, and real-time transaction processing, making it an ideal solution for various payment scenarios. The input to the system is provided via a 4x4 keypad for transaction details and an RFID reader for contactless user identification. The ESP32 microcontroller, known for its robust capabilities in IoT applications, serves as the central processing unit, managing communication and data processing. The system employs advanced encryption algorithms such as 3DES, AES, Blowfish, and Serpent to ensure the security of data transmission and storage. The user-friendly interface, facilitated by the TFT display, provides real-time feedback and guides users through the transaction process. The primary objective is to create an accessible and secure payment solution that can be deployed in various settings, enhancing transaction efficiency and security. By leveraging IoT technology and robust encryption methods, the system aims to bridge the gap in secure digital transactions, particularly in areas with limited access to advanced financial systems. The affordability and ease of use of the system are critical factors in ensuring its wide adoption and effective use, addressing the disparity in access to secure and efficient payment solutions.

21: 2025/03912. 22: 2025/05/08. 43: 2025/12/09
51: A61B
71: VISHWAKARMA INSTITUTE OF TECHNOLOGY
72: CHAUDHARI, Archana, SUGHANDHE, Sanjyot, WAGH, Prathamesh, ZABAK, Komal
54: A SMART GLOVE FOR PARALYSIS PATIENTS
00: -
The present invention is related to a smart glove for paralysis patients. The smart glove introduces a novel solution to enhance the quality of life for individuals with paralysis. This innovative system integrates advanced technologies, including flex sensors, camera modules, and a mobile application, to enable remote monitoring and gesture-based control. By leveraging an Arduino microcontroller, motor drivers, and Bluetooth connectivity, the smart glove allows for intuitive interaction and precise control of devices such as wheelchairs. The companion smartphone application, developed using MIT App Inventor, offers an easy-to-use interface for real-time video monitoring and control. This invention explores the components, functionality, and potential impact of the smart glove system, demonstrating its significant role in improving independence and daily living for paralysis patients.

21: 2025/03913. 22: 2025/05/08. 43: 2025/12/09
51: G06F
71: VISHWAKARMA INSTITUTE OF TECHNOLOGY
72: SHIMPI, Abhinav Nandkishor, YELEKAR, Vansh Pravin, SHETE, Rudra Gaurishankar, SHELKE, Ajinkya Vitthal, MIRAJKAR, Riddhi, DEDGAONKAR, Suruchi
54: A MACHINE LEARNING BASED FAKE SOCIAL MEDIA PROFILE DETECTION SYSTEM
00: -
The present invention is related to a machine learning based fake social media profile detection system. In the digital age, the proliferation of fake

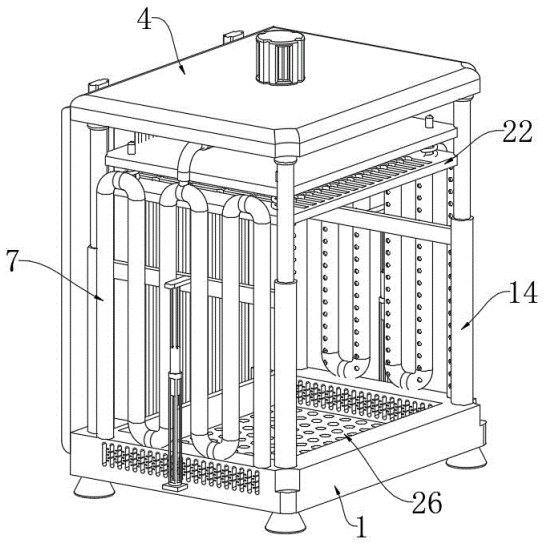
documents on social media has led to serious problems such as misinformation, identity theft, and loss of user trust. The present invention describes general techniques and methods for identifying and reducing fraud in online social media. The solution integrates a multi-layered search engine that combines machine learning, natural language processing, behavioral analysis, and social analysis to accurately identify counterfeit money. A data collection module, a feature extraction module that analyzes behavior and content, and a search engine that uses advanced algorithms for classification. The system also includes real-time monitoring, adaptive learning mechanisms, and certificates that can cross-reference suspicious data with known data. The online process is secure. The system enhances awareness and alertness by integrating learning resources to help users identify false information. This innovation not only increases accuracy in detecting fake profiles, but also promotes online safety and trust, making it suitable for many businesses, including the nature of social media, e-commerce, recruiting, and cybersecurity.

21: 2025/03914. 22: 2025/05/08. 43: 2025/12/09
51: A01H
71: Institute of Nanfan & Seed Industry, Guangdong Academy of Sciences
72: Xie Jing, Chang Hailong, Wu Jiantao, Liu Zhuang, Zhang Chuiming, Wang Qinnan, Cheng Yinjie, Zhang Wei
54: HIGH-YIELD PLANTING METHOD FOR VIRUS-FREE HEALTHY SEEDLING OF CHEWING CANE
00: -
The present disclosure provides a high-yield planting method for virus-free healthy seedlings of chewing cane, and relates to technical field of fruit sugarcane planting. The high-yield planting method for virus-free healthy seedlings of chewing cane includes the following steps: disinfecting seed stems, planting, wherein the seed stems are directionally arranged and pesticide thiamethoxam is applied, and mulching with plastic film to promote seedling emergence; performing precise fertilizer and water management in stages during the seedling, tillering, elongation, and jointing stages, and applying a potassium sulfate compound fertilizer, combined with small and large hilling as well as chemical weeding; during the jointing stage, spraying gibberellic acid and a spraying agent mixed with hormone 4-5 times to promote growth; and performing leaf peeling management periodically to maintain ventilation and light transmission, and applying high-efficiency, low-toxicity pesticides to control plant diseases and pests. By adopting the method, virus-free seedling treatment is combined with hormone regulation, fertilization, water management, and plant protection measures are optimized to effectively improve the fruit sugarcane yield, and reduce management costs, thereby solving issues such as insufficient stress resistance and seedling degradation in traditional planting, and achieving significant economic benefits.

21: 2025/03915. 22: 2025/05/08. 43: 2025/12/09
51: A01G
71: Institute of Nanfan & Seed Industry, Guangdong Academy of Sciences
72: Xie Jing, Wu Jiantao, Zhang Chuiming, Chang Hailong, Wang Qinnan, Liu Zhuang, Cheng Yinjie, Zhang Wei
54: METHOD FOR PRODUCING HEALTHY CHEWING CANE SEEDLING
00: -
The present disclosure provides a method for producing healthy cane seedlings, and relates to the technical field of chewing cane seedlings. The method provided in the present disclosure includes two parts: virus elimination of axillary buds, cultivation and management of virus-free seedlings. According to the method, efficient, healthy and large-scale production of chewing cane seedlings is realized by combining a virus elimination technology, culture medium optimization, precise environmental control and a full-period management strategy, which is of great significance to the industrialization development of chewing cane, acceleration of popularization of new chewing cane varieties, establishment and improvement of the three-level healthy chewing cane seedling production and unified seed supply system, protection of new chewing cane varieties and maintenance of the legitimate rights and interests of breeding units.

21: 2025/03916. 22: 2025/05/08. 43: 2025/12/09
51: G06F
71: Suqian University

72: Zang Shengkun, Sun Haoyu
33: CN 31: 2025105430447 32: 2025-04-28
54: WATER-COOLING HEAT DISSIPATION DEVICE FOR COMPUTER
00: -
The present invention belongs to the technical field of computer heat dissipation, and specifically to a water-cooling heat dissipation device for a computer. A bottom frame is included, a periphery of an upper surface of the bottom frame is fixedly connected to regulating mechanisms, a back face of the bottom frame is fixedly connected to a supporting plate, sliding grooves are disposed on a surface of the supporting plate, and interiors of the sliding grooves are slidably connected to sliding blocks. Through a heat dissipation mechanism fitted with the above structures, a flow rate of internal liquid can be slowed down by utilizing the coordinated action of internal sliding balls and A springs during water cooling. Reducing the flow rate can increase the contact time of cooling liquid with a water-cooled head and a radiator, allowing the coolant to more fully absorb heat from a central processing unit (CPU), and improving heat exchange efficiency. At low flow rates, the noise generated by the water pump and water flow is typically minimal, which is convenient for noise reduction. Combined with the regulating mechanisms, the contact gap between a top plate and a computer can be adjusted, which is convenient for adjusting the space size of the internal air circulation, ensuring efficient heat dissipation.



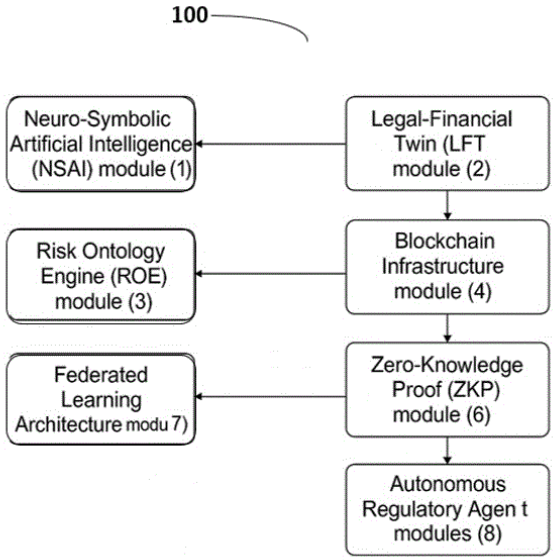
21: 2025/03917. 22: 2025/05/08. 43: 2025/12/09
51: C12M
71: HAYAT ALI ALZAHRANI, MOHAMMED ALJUWAYD, ABIDA KHAN, MD AFROZ BAKHT, SYED MOHAMMED BASHEERUDDIN ASDAQ, TAFADZWA DZINAMARIRA, MATHIAS DZOBO, MOHD IMRAN
72: HAYAT ALI ALZAHRANI, MOHAMMED ALJUWAYD, ABIDA KHAN, MD AFROZ BAKHT, SYED MOHAMMED BASHEERUDDIN ASDAQ, TAFADZWA DZINAMARIRA, MATHIAS DZOBO, MOHD IMRAN
54: APPARATUS FOR QUANTITATIVE ASSESSMENT OF BACTERIAL BIOFILM FORMATION ON BIOMEDICAL SURFACES
00: -
The present invention relates to an apparatus and method for the quantitative assessment of bacterial biofilm formation on biomedical surfaces. The apparatus incorporates a multi-modal sensing system that utilizes optical, electrochemical, and mechanical detection techniques to monitor biofilm growth in real-time. The system includes a biofilm surface interaction chamber designed to mimic physiological conditions, enabling controlled exposure of biomedical surfaces to bacterial cultures. A data acquisition system processes and stores sensor data, which is then displayed through an intuitive user interface that allows for the real-time monitoring of biofilm formation over time. The system further includes a control system for real-time adjustment of experimental parameters, such as bacterial concentration and environmental conditions. Machine learning-based techniques are used to analyze and predict biofilm growth patterns, while the system is capable of differentiating between different stages of biofilm formation.

21: 2025/03918. 22: 2025/05/08. 43: 2025/12/09
51: G06Q
71: Dr. Murugesan Selvam, Dr. Gengatharan Ramesh, Dr. Anthonisamy Ananth, Dr. Mariappan Raja, Dr. R. Rajesh Ramkumar, Prof Dr Geetha Subramaniam
72: Dr. Murugesan Selvam, Dr. Gengatharan Ramesh, Dr. Anthonisamy Ananth, Dr. Mariappan Raja, Dr. R. Rajesh Ramkumar, Prof Dr Geetha Subramaniam
54: SYSTEM FOR INTEGRATED FINANCIAL AND LEGAL RISK MANAGEMENT USING NEURO-

SYMBOLIC AI AND BLOCKCHAIN-BASED COMPLIANCE INFRASTRUCTURE

00: -

The present invention relates to an integrated system for financial and legal risk management that employs neuro-symbolic artificial intelligence, legal-financial digital twin modeling, semantic risk ontology, blockchain, smart contracts, zero-knowledge proof protocols, federated learning, and autonomous regulatory agents. The system enables real-time interpretation of legal documents and financial datasets, simulation of risk scenarios, and automated enforcement of compliance rules. A neuro-symbolic AI module analyzes legal and financial data; a digital twin replicates legal-financial dependencies; an ontology engine maps statutes to financial indicators; and a blockchain infrastructure ensures auditability through smart contracts and privacy-preserving proofs. Federated learning facilitates decentralized model training without exposing sensitive data, while autonomous agents monitor and respond to risk events. The system ensures intelligent, explainable, and cross-jurisdictional compliance, offering secure, auditable, and automated risk mitigation across regulated domains.



21: 2025/03919. 22: 2025/05/08. 43: 2025/12/09
51: G06Q
71: VISHWAKARMA INSTITUTE OF TECHNOLOGY
72: CHAUDHARI, Archana, BARVE, Tasmay, UPGANLAWAR, Ved, VAIDYA, Ram, SHELKE, Dheeraj

54: AN INTELLIGENT MEDICAL BOOTH SYSTEM WITH TELEMEDICINE AND ON-SITE MEDICAL CAPABILITIES FOR RURAL AND UNDER-SERVED AREAS

00: -

The present invention is related to an intelligent medical booth system with telemedicine and on-site medical capabilities for rural and under-served areas. Getting immediate medical help in remote or underserved areas is a big challenge. Many places around the world, especially in developing countries, don't have enough healthcare facilities or doctors. This often means that people don't get diagnosed or treated quickly, which can make their health problems worse and sometimes even lead to preventable deaths. This invention presents the design and implementation of an intelligent medical booth that provides on-demand video connection to healthcare professionals, automatic location sharing to the nearest hospital, a medication dispenser for first aid, and integrated sensors for vital signs monitoring. The system is built using a Raspberry Pi, and demonstrates a scalable solution for remote healthcare, particularly useful in rural or under-served areas.

21: 2025/03920. 22: 2025/05/08. 43: 2025/12/09
51: G06Q
71: VISHWAKARMA INSTITUTE OF TECHNOLOGY
72: CHAUDHARI, Archana, RANE, Shreyash, PATIL, Vaishnavi, PATIL, Anjali, GAIKWAD, Jitendra, POL, Praveen

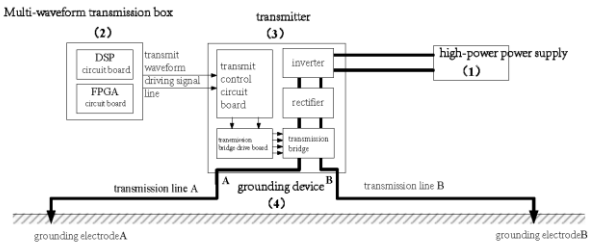
54: AN ARTIFICIAL INTELLIGENCE (AI) BASED LEAF HEALTH PREDICTION SYSTEM FOR HOME GARDENING AND FARMING

00: -

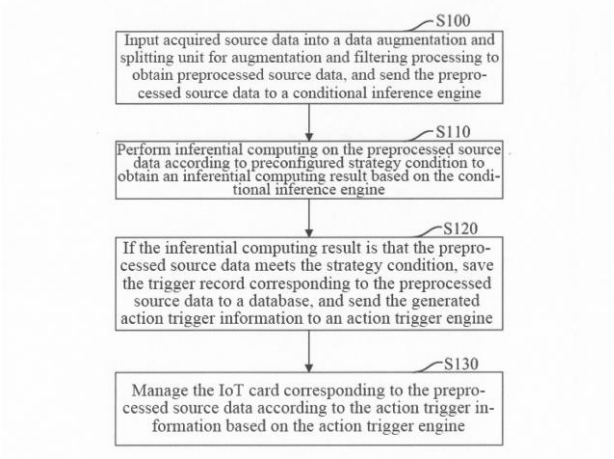
The present invention is related to an artificial intelligence (AI) based leaf health prediction system for home gardening and farming. Leaf health prediction using AI techniques has emerged as a critical tool in modern agriculture for early detection and management of plant diseases. This invention presents a comprehensive approach to leaf health prediction leveraging AI algorithms and computer vision technologies. By employing convolutional neural networks (CNNs) trained on labelled

datasets, the system accurately classifies leaf images into categories such as powdery, rusty, and healthy. The methodology includes data preprocessing, model training, evaluation, and deployment of a web-based system for real time leaf health assessment. The implementation of AI-driven leaf health prediction offers significant benefits to farmers and agricultural professionals, enabling timely interventions to mitigate disease outbreaks, optimize crop yield, and promote sustainable agricultural practices. Continued research and development in this field hold promise for further advancements in plant disease management and agricultural productivity.

21: 2025/03921. 22: 2025/05/08. 43: 2025/12/09
51: H04B; H04W
71: HENAN SEVENTH GEOLOGICAL TEAM CO., LTD
72: Mingming WANG, Xin WU, Guangjian YU, Shaohui ZHU, Qiang LIU, Guanhua WANG, Jing LI, Tingbin LI, Zhicheng ZHAO, Wenli YU
54: MULTI-WAVEFORM TRANSMISSION DEVICE FOR TRANSIENT ELECTROMAGNETIC METHOD
00: -
The present invention relates to a multi-waveform transmission device for transient electromagnetic methods, in the field of electronic technology. It solves waveform constraints in existing systems that reduce detection accuracy. The device comprises: a power supply providing energy to a transmitter; a multi-waveform transmission module generating waveform drive signals; a transmitter converting these into power signals; and a grounding device connecting the transmitter's output terminals to electrodes via transmission lines, injecting current into the ground. The solution supports multi-waveform fusion transmission. Adaptive grounding compensation technology significantly enhances signal-to-noise ratio. The modular design allows fast on-site deployment and ensures compatibility with complex terrains and extreme environmental conditions.



21: 2025/04612. 22: 2025/05/29. 43: 2025/12/05
51: H04L
71: E SURFING IOT CO., LTD.
72: QIAN, Liping, CHEN, Feng, ZHANG, Chunyan, SUN, Jintao, WANG, Yalei
33: CN 31: 202311775491.2 32: 2023-12-21
54: DEVICE-CARD SEPARATION DIAGNOSIS METHOD AND SYSTEM BASED ON NETWORK ELEMENT MESSAGE, DEVICE AND MEDIUM
00: -
An automated management method and apparatus for an Internet of Things (IoT) card, a computer device, and a storage medium are disclosed. The method belongs to the technical field of Internet of Things, and includes: inputting acquired source data into a data augmentation and splitting unit for augmentation and filtering processing to obtain pre-processed source data, and sending the pre-processed source data to a conditional inference engine; performing inferential computing on the preprocessed source data according to a preconfigured strategy condition to obtain an inferential computing result based on the conditional inference engine; if the inferential computing result is that the preprocessed source data meets the strategy condition, saving a trigger record corresponding to the preprocessed source data in a database, and sending generated action trigger information to an action trigger engine; and managing an IoT card corresponding to the preprocessed source data according to the action trigger information based on the action trigger engine. The present disclosure can realize the automated management of a physical network card and improve the operational efficiency and management efficiency of the IoT card.

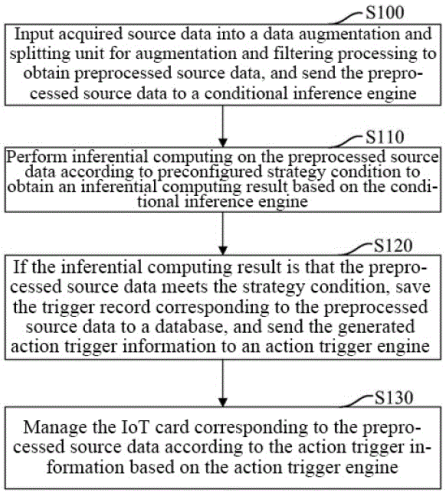


21: 2025/04613. 22: 2025/05/29. 43: 2025/12/05
51: H04L
71: E SURFING IOT CO., LTD.
72: WANG, Chang, CHEN, Furong, LU, Ziyao, SUN, Xuexue, LIU, Chang
33: CN 31: 202311599964.8 32: 2023-11-27

54: AUTOMATED MANAGEMENT METHOD AND APPARATUS FOR INTERNET OF THINGS CARD, COMPUTER DEVICE, AND STORAGE MEDIUM

00: -

An automated management method and apparatus for an Internet of Things (IoT) card, a computer device, and a storage medium are disclosed. The method belongs to the technical field of Internet of Things, and includes: inputting acquired source data into a data augmentation and splitting unit for augmentation and filtering processing to obtain preprocessed source data, and sending the preprocessed source data to a conditional inference engine; performing inferential computing on the preprocessed source data according to a preconfigured strategy condition to obtain an inferential computing result based on the conditional inference engine; if the inferential computing result is that the preprocessed source data meets the strategy condition, saving a trigger record corresponding to the preprocessed source data in a database, and sending generated action trigger information to an action trigger engine; and managing an IoT card corresponding to the preprocessed source data according to the action trigger information based on the action trigger engine. The present disclosure can realize the automated management of a physical network card and improve the operational efficiency and management efficiency of the IoT card.



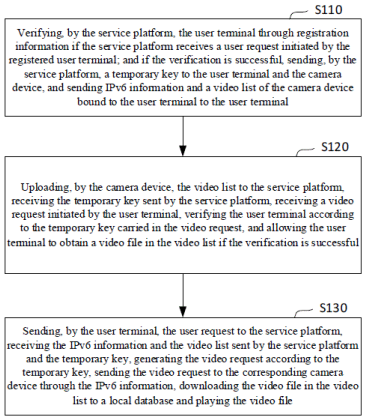
21: 2025/04614. 22: 2025/05/29. 43: 2025/12/05
51: H04L
71: E SURFING IOT CO., LTD.
72: CHEN, Zhou, CHEN, Feng, CHEN, Xinyuan, QIAN, Liping
33: CN 31: 202311653512.3 32: 2023-12-05

54: VIDEO TRANSMISSION METHOD AND SYSTEM FOR NETWORK CAMERA DEVICE, AND MEDIUM

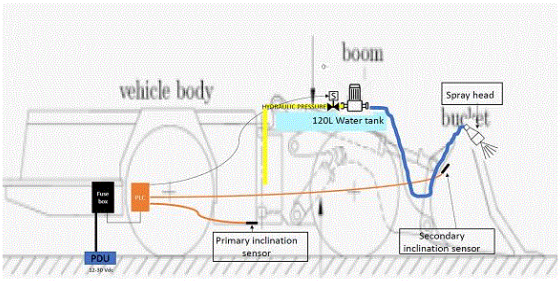
00: -

A video transmission method and system for a network camera device, and a medium are disclosed. The method is applied to a video transmission system for a network camera device. The system includes a service platform, a user terminal and a camera device. The method includes: if the service platform receives a user request, verifying, by the service platform, the user terminal; and if the verification is successful, sending a temporary key to the user terminal and the camera device, and sending IPv6 information and a video list of the camera device to the user terminal; uploading, by the camera device, the video list to the service platform, receiving the temporary key, receiving a video request, verifying the user terminal according to the temporary key, and allowing the user terminal to obtain a video file if the verification is successful; and sending, by the user terminal, the user request to the service platform, receiving the video list, the temporary key and the IPv6 information and generating the video request, sending the video request to the camera device through the IPv6 information, and downloading the video file in the video list and playing the video file. The problem of

excessive expense in a video transmission process can be solved by implementing the method of the present disclosure.



21: 2025/04755. 22: 2025/06/03. 43: 2026/01/07
51: B60R; E21C; F16F; G01C; G05B; G05D
71: DEKKER, Jacobus, Johan
72: DEKKER, Jacobus, Johan
54: MOBILE DUST CONTROL SYSTEM AND DEVICE
00: -
The invention provides a system for controlling dust in underground environments in the vicinity of mobile underground earth moving machines in underground environments. The system includes at least one water spray nozzle cluster head, with at least two nozzles and of which the nozzles are mounted into the head; a support bracket for supporting the one or more cluster heads towards the working end of a mobile underground earth moving machine; a water container; a hydraulic water pump in fluid connection to the water container in the inlet side and in fluid connection to the cluster heads on the outlet side, which pump is connectable to a hydraulic power source; and an actuation means for actuating the water hydraulic water pump to provide a dust suppression zone of water spray mist towards the workface in the direction of the dust source, in use.

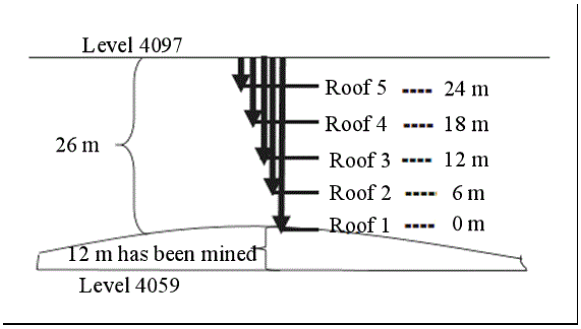


21: 2025/07396. 22: 2025/09/03. 43: 2025/11/06
51: A61K; A61P; C07D
71: F. Hoffmann-La Roche AG
72: MALHOTRA, Sushant, DO, Steven, TERRETT, Jack, XIN, Jianfeng
33: PCT/CN 31: 2018/114788 32: 2018-11-09
54: FUSED RING COMPOUNDS
00: -
This invention pertains to fused ring compounds of Formula (I), as further detailed herein, which are used for the inhibition of Ras proteins, as well as compositions comprising these compounds and methods of treatment by their administration.

21: 2025/07397. 22: 2025/09/03. 43: 2025/11/06
51: A61K; A61P; C07D
71: F. Hoffmann-La Roche AG
72: MALHOTRA, Sushant, DO, Steven, TERRETT, Jack, XIN, Jianfeng
33: PCT/CN 31: 2018/114788 32: 2018-11-09
54: FUSED RING COMPOUNDS
00: -
This invention pertains to fused ring compounds of Formula (I), as further detailed herein, which are used for the inhibition of Ras proteins, as well as compositions comprising these compounds and methods of treatment by their administration.

21: 2025/09537. 22: 2025/11/11. 43: 2025/11/18
51: G06F
71: Shangri-La Yunkuang Hongniu Mining Co., Ltd
72: Yongchun YU
33: CN 31: 2025104657237 32: 2025-04-15
54: METHOD FOR PREDICTING DYNAMIC EXPOSURE TIME OF MINE ROOF CONSIDERING STRUCTURAL CREEP OF ROCK MASS
00: -
A method for predicting a dynamic exposure time of mine roof considering a structural creep of rock mass, which pertains to the field of mining safety technology, comprising the following steps: S1:

obtaining the rock integrity coefficient of the roof rock mass by measuring a rock mass structure of roof rock mass; S2: drilling test rock samples on-site from roof rock masses at different burial depths, performing laboratory creep-fatigue interaction mechanical tests on the test rock samples, applying stress perturbations during the laboratory creep mechanical tests, and determining the corresponding times for the stable creep stage and the unstable creep stage of the test rock samples, thus yielding a preliminary dynamic exposure time interval for the mine roof; and S3: revising the preliminary dynamic exposure time interval of mine roof based on the rock integrity coefficient, thereby obtaining a predicted dynamic exposure time of the mine roof. This achieves high prediction accuracy, shortening the time scale from “month-level” to “day-level”, thereby facilitating guidance for mine roof management.



21: 2025/09550. 22: 2025/11/11. 43: 2025/11/18
51: G05D
71: Seojoon Lee
72: Seojoon Lee

54: ARTIFICIAL INTELLIGENCE-BASED SMART DRONE DELIVERY SYSTEM USING AI MULTI-AGENT TECHNOLOGY

00: -

An AI-based smart drone delivery system utilizing multi-agent technology, satellite communication, and GPS tracking for autonomous parcel delivery for industry. The invention features hierarchical and network AI agents that manage drone operations, optimize routing, and ensure real-time communication with customers. This system achieves cost savings, reduced emissions, and enhanced accessibility to urban and remote areas in South Korea, Japan, and China.

HYPOTHECATIONS

No records available

JUDGMENTS

No records available

OFFICE PRACTICE NOTICES

Companies and Intellectual Property Commission
a member of the dtic group

PRACTICE NOTICE NO. 1 OF 2026

PATENT STAKEHOLDERS

ELECTRONIC ISSUANCE OF DIGITAL PATENTS AND PATENTS OF ADDITION

(issued in terms of section 44 of the Patents Act, 57 of 1978, read together with regulation 1A and 47 of the Patent Regulations, 1978)

1. With effect from 2 February 2026, patents and patents of addition will be issued electronically, as well as certified copies thereof.

2. Electronically issued patents and patents of addition will be in a form as set out in **Annexures A** and **B**, respectively.

3. Uncertified copies of electronically issued patents and patents of addition may be accessed, viewed and printed via the CIPC IP Online portal, which is available at: https://iponline.cipc.co.za.

4. Further information is provided in **Annexure C**.

Adv Rory Voller
Commissioner: CIPC
23 January 2026

The dtic Campus (Block F - Entfutfukweni), 77 Meintjies Street, Sunnyside, Pretoria
P.O. Box 429, Pretoria, 0001
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Website: www.cipc.co.za
@CIPC - Companies and Intellectual Property Commission @theCIPC YouTube @theCIPC

Annexure A

REPUBLIC COAT OF ARMS

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

PATENT

In accordance with section 44 (1) of the Patents Act, No. 57 of 1978, it is hereby certified that ..... has been granted a patent for an invention as disclosed and claimed in the complete specification entitled ..... deposited at the Patent Office and assigned patent number ..... .

Form P2 is annexed, together with a declaration, disclaimer and information page.

In testimony thereof, the seal of the Patent Office has been affixed to this patent at Pretoria with effect from the ..... day of ..... 20..... .

.....

REGISTRAR OF PATENTS

2

DECLARATION, DISCLAIMER AND INFORMATION PAGE

Declarations

- The effect of the patent shall be to grant to the patentee in the Republic of South Africa, subject to the provisions of the Patents Act, No. 57 of 1978 ("the Act"), for the duration of the patent, the right to exclude other persons from making, using, exercising, disposing or offering to dispose of, or importing the invention as defined in the claims.
- The duration of the patent shall be 20 years from the date of application therefor, subject to payment of the prescribed renewal fees by the patentee or an agent.
- Where a patent being granted is derived from a PCT application that was published on PATENTSCOPE with a nucleotide and/or amino acid sequence listing forming part of the PCT application, such nucleotide and/or amino acid sequence listing will be deemed to have been filed at the Patent Office in terms of regulation 1A of the Patent Regulations, 1978.
- This patent is issued in accordance with the official records of the Patent Office as at the date of publication of acceptance in the Patent Journal.
- This patent is electronically issued in accordance with section 44 of the Act.

Disclaimers

- This patent is digitally sealed and issued by the Patent Office in accordance with section 14 of the Electronic and Communications Act, No. 2 of 2002. Any alteration of this document is prohibited.

Information

- The original patent may be downloaded once.
- The QR code for this patent allows for the verification of information relating to this patent. The information includes the patent number, type of patent, name of patentee, date of grant, name of inventor, and a unique ID.
- An uncertified copy of the patent, bearing a watermark, may be viewed and downloaded from CIPC IP Online.
- Upon request and payment of the prescribed fees, a certified copy of the patent, bearing a watermark, will be generated for downloading in accordance with section 73 of the Act. The certified copy, once generated, may be downloaded once.
- The complete specification as well as any other document relating to this patent may be obtained from CIPC IP Online or the Patent Office on request and upon payment of the prescribed fees.

3

Annexure B

REPUBLIC COAT OF ARMS

REPUBLIC OF SOUTH AFRICA

PATENTS ACT, 1978

PATENT OF ADDITION

In accordance with section 39 of the Patents Act, No. 57 of 1978, it is hereby certified that ..... has been granted a patent of addition with number ..... for certain additions to, improvements in and/or modifications to an invention that has been disclosed and claimed in a complete specification deposited under patent number ..... .

Form P2 in respect of the patent of addition is annexed, together with a declaration, disclaimer and information page.

In testimony thereof, the seal of the Patent Office has been affixed to this patent of addition at Pretoria with effect from the ..... day of ..... 20..... .

4

DECLARATION, DISCLAIMER AND INFORMATION PAGE

Declarations

- The effect of a patent of addition shall be to grant to the patentee in the Republic of South Africa, subject to the provisions of the Patents Act, No. 57 of 1978 ("the Act"), for the remaining duration of the Patent No. ..... ("the earlier patent"), the right to exclude other persons from making, using, exercising, disposing or offering to dispose of, or importing the invention as defined in the claims.
- No renewal fees are payable in respect of a patent of addition.
- The earlier patent and its patent of addition shall not be capable of assignment apart from one another.
- Where the earlier patent is surrendered, revoked, refused or abandoned, the patent of addition shall, unless the commissioner or the registrar otherwise directs, become an independent patent and the normal term of such independent patent shall not extend beyond the date on which the earlier patent would have expired if it had not been surrendered, revoked, refused or abandoned. The prescribed renewal fees, which would have been payable in respect of the earlier patent shall, as from the date on which the patent becomes an independent patent, be payable in respect of the last-mentioned patent.
- This patent of addition is issued in accordance with the official records of the Patent Office as at the date of publication of acceptance in the Patent Journal.
- This patent of addition is electronically issued in accordance with section 44 of the Act.

Disclaimers

- This patent of addition is digitally sealed and issued by the Patent Office in accordance with section 14 of the Electronic and Communications Act, No. 2 of 2002. Any alteration of this document is prohibited.

Information

- The original patent of addition may be downloaded once.
- The QR code for this patent of addition allows for the verification of information relating to this patent of addition. The information includes the patent number, name of patentee, date of grant, name of inventor, and a unique ID.
- An uncertified copy of the patent of addition, bearing a watermark, may be viewed and downloaded from CIPC IP Online.
- Upon request and payment of the prescribed fees, a certified copy of the patent of addition, bearing a watermark, will be generated for downloading in accordance with section 73 of the Act. The certified copy, once generated, may be downloaded once.
- The complete specification as well as any other document relating to this patent of addition may be obtained from CIPC IP Online or the Patent Office on request and upon payment of the prescribed fees.

5

Annexure C

All patents and patents of addition granted from January 2026 onward will be issued electronically.

1) Copies

1.1) Certified copies of patents and patents of addition will bear a watermark including the words "CERTIFIED COPY".

1.2) Certified copies may be requested on Form P4 via the CIPC IP Online portal and on payment of the prescribed fees.

1.3) Uncertified copies of patents and patents of addition will bear a watermark including the words "UNCERTIFIED COPY".

1.4) The Patent Office will no longer require paper copies of documents for the purpose of binding and compilation of a patent or patent of addition in paper form. The complete specification as well as any other document relating to a patent or patent of addition may be obtained from the CIPC IP Online portal or the Patent Office on request and on payment of the prescribed fees.

2) Features of the digital patent and patent of addition

2.1) Electronically issued patents and patents of addition will be in accordance with the official records of the Patent Office as at the date of publication of acceptance in the Patent Journal, and will include the following features:

- electronic signature of the Registrar of Patents (or authorised proxy);
- Email address of the official who generated the document;
- QR code for instant verification of the patent or patent of addition;
- authorised digital seal of the Patent Office; and
- authorised digital national coat of arms.

3) Accessing electronically issued patents, patents of addition and certified copies thereof

3.1) Upon electronic issuance of a patent or patent of addition, an automated email will be sent to the email address recorded in a CIPC customer profile associated with a customer code for an address for service, as reflected in the electronic register of patents on the date of issuance of the patent or patent of addition.

3.2) The automated email will contain a link directing the recipient to the CIPC IP Online portal. To access the digital patent or patent of addition, the recipient must log into the CIPC IP Online portal using their registered login credentials and thereafter conduct a search using the relevant patent or patent of addition number.

3.3) The digital patent or patent of addition is capable of being downloaded **once only**. Upon successful download, a corresponding entry will be recorded in the electronic register of patents.

3.4) The process set out in paragraphs 3.1 to 3.3 will also be applicable for accessing issued certified copies and processed Form P4 requests.

3.5) A user guide setting out the procedure for accessing and downloading electronically issued patents, patents of addition and certified copies thereof is available on the CIPC IP Online portal.

4) Obtaining patents or patents of addition in paper form

4.1) Patents or patents of addition will be issued in paper form on request only. Such request may be submitted to the Patent Office on Form P4 and on payment of the prescribed fees.

4.2) Patents or patents of addition issued in paper form will be in a form as per the current practice and will therefore be bound with the complete specification, together with the relevant Form P2.

4.3) Patents or patents of addition issued in paper form will be issued **no less** than 30 days following receipt of the official file from the off-site storage and after successful billing of the Form P4 request.

5) Technical difficulties and/or typographical errors

5.1) For assistance, or if experiencing technical difficulties when using the new electronic service, please contact the following person(s):

- Ms Boitumelo Sepato - BSepato@cipc.co.za
- Ms Teleni Mahlawule - tmahlawule@sword-sa.com

5.2) In the event that an electronically issued patent or patent of addition includes typographical error(s), please contact the official who generated the document to correct the error(s) and generate a corrected patent or patent of addition.

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 2025/12/12 -

F2025/01525 - PANDROL SA (PROPRIETARY) LIMITED Class 8. A BASEPLATE FOR A RAIL CHAIR ASSEMBLY

A2025/01529 - UNILEVER IP HOLDINGS B.V. Class 32. LABEL FOR PACKAGING

F2025/01527 - Sebe James Kgati, Sebe James Kgati Class 08. CROSSROADS ACTION LEDGER & DISCIPLINE SYSTEM

F2025/01524 - DRU RESCHKE Class 19. LABEL

A2025/01533 - The Best Trust IT001800/2017(C) Class 23. SPLIT VJ COUPLING WITH SCREWED OUTLET

A2025/01532 - The Best Trust IT001800/2017(C) Class 23. SPLIT VJ COUPLING WITH THREADED OUTLET

A2025/01530 - UNILEVER IP HOLDINGS B.V. Class 32. LABEL FOR PACKAGING

A2025/01528 - UNILEVER IP HOLDINGS B.V. Class 32. LABEL FOR PACKAGING

A2025/01523 - DRU RESCHKE Class 19. LABEL

F2025/01526 - PANDROL SA (PROPRIETARY) LIMITED Class 8. A WASHER FOR A RAIL CHAIR ASSEMBLY

. - APPLIED ON 2025/12/17 -

A2025/01560 - Timothy Aaron Banda Class 32. XANITSAGE PRODUCTION LOGO

A2025/01531 - BEKA SCHRÉDER (PROPRIETARY) LIMITED Class 26. LUMINAIRE

. - APPLIED ON 2025/12/18 -

A2025/01534 - Mpact Limited Class 09. BOTTLE AND BRACKET COMBINATION

F2025/01535 - Mpact Limited Class 09. BOTTLE AND BRACKET COMBINATION

. - APPLIED ON 2025/12/19 -

F2025/01537 - Tetragrip Pty Ltd Class 09. SLIDE-ON REUSABLE HANDLE FOR CARTON CONTAINERS

A2025/01543 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 14. A SET OF SCREEN DISPLAYS

A2025/01544 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 32. A SET OF USER INTERFACES

A2025/01545 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 14. A SET OF SCREEN DISPLAYS

A2025/01553 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 14. A SET OF SCREEN DISPLAYS

A2025/01558 - FERRARI S.P.A. Class 21. TOY SAILING BOAT

A2025/01549 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 14. A SET OF SCREEN DISPLAYS

A2025/01542 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 32. A SET OF USER INTERFACES

A2025/01536 - CHEYANNE MICHELLE BUSH Class 06. COFFIN / CASKET

A2025/01546 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 32. A SET OF USER INTERFACES

A2025/01550 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 32. A SET OF USER INTERFACES

A2025/01556 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 32. A SET OF USER INTERFACES

A2025/01557 - FERRARI S.P.A. Class 12. SAILING BOAT

A2025/01539 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 14. A SCREEN DISPLAY

A2025/01540 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 32. A GRAPHIC SYMBOL

A2025/01547 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 14. A SET OF SCREEN DISPLAYS

A2025/01548 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 32. A SET OF USER INTERFACES

A2025/01552 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 32. A SET OF USER INTERFACES

A2025/01554 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 32. A SET OF USER INTERFACES

A2025/01555 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 14. A SET OF SCREEN DISPLAYS

F2025/01559 - CLAMPING SOLUTIONS INTERNATIONAL (PTY)LTD. Class Class 8. BRACKETS

A2025/01538 - Tetragrip Pty Ltd Class 09. SLIDE-ON REUSABLE HANDLE FOR CARTON CONTAINERS

A2025/01541 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 14. A SET OF SCREEN DISPLAYS

A2025/01551 - SHOPRITE CHECKERS (PROPRIETARY) LIMITED Class 14. A SET OF SCREEN DISPLAYS

. - APPLIED ON 2025/12/22 -

A2025/01564 - TITANIA Fabrik GmbH Class 28. CALLUS REMOVERS, CHIROPODISTS' SCRAPERS & FOOT GRATERS

F2025/01567 - TITANIA Fabrik GmbH Class 28. CALLUS REMOVERS, CHIROPODISTS' SCRAPERS & FOOT GRATERS

A2025/01575 - SAAD, Paul Class 09. CONTAINER

A2025/01569 - SAAD, Paul Class 09. CONTAINER

A2025/01576 - SAAD, Paul Class 09. CONTAINER

A2025/01571 - YETI Coolers, LLC Class 7. WOKS

A2025/01573 - YETI Coolers, LLC Class 7. GRIDDLES

F2025/01563 - TITANIA Fabrik GmbH Class 28. CALLUS REMOVERS, CHIROPODISTS' SCRAPERS & FOOT GRATERS

A2025/01572 - YETI Coolers, LLC Class 07. WOKS

F2025/01565 - TITANIA Fabrik GmbH Class 28. CALLUS REMOVERS, CHIROPODISTS' SCRAPERS & FOOT GRATERS

A2025/01574 - BLACKCUBE CO., LTD, GUANGDONG YISHAN TECHNOLOGY GROUP CO., LTD. Class 07. COOKING POT

A2025/01566 - TITANIA Fabrik GmbH Class 28. CALLUS REMOVERS, CHIROPODISTS' SCRAPERS & FOOT GRATERS

A2025/01570 - Madad Pty Ltd Class 8. COIL SPRINGS

A2025/01568 - SAAD, Paul Class 09. CONTAINER

A2025/01562 - TITANIA Fabrik GmbH Class 28. CALLUS REMOVERS, CHIROPODISTS' SCRAPERS & FOOT GRATERS

A2025/01561 - GREAT WALL MOTOR COMPANY LIMITED Class 12. AUTOMOBILES

. - APPLIED ON 2025/12/23 -

A2025/01583 - Huawei Technologies Co., Ltd. Class 14. MOBILE PHONES

A2025/01585 - Chery Automobile Co., Ltd. Class 12. AUTOMOBILES

A2025/01584 - Chery Automobile Co., Ltd. Class 12. AUTOMOBILES

A2025/01580 - Colgate-Palmolive Company Class 9. ORAL CARE IMPLEMENT PACKAGES

A2025/01578 - GEORG JENSEN A/S Class 11. A BRACELET

A2025/01579 - Colgate-Palmolive Company Class 9. ORAL CARE IMPLEMENT PACKAGES

A2025/01581 - Colgate-Palmolive Company Class 9. ORAL CARE IMPLEMENT PACKAGES

A2025/01582 - Colgate-Palmolive Company Class 9. ORAL CARE IMPLEMENT PACKAGES

A2025/01577 - STEINHOBEL, Brian Class 17. INSTRUMENT

. - APPLIED ON 2026/01/05 -

A2026/00006 - ENSURGE MEDICAL (SUZHOU) CO., LTD. Class 13. POWER CONNECTION CABLE FOR AN ULTRASONIC SCALPEL HANDLE

A2026/00003 - Sandvik Mining and Construction Oy Class 15. COOLER SHROUDS FOR MINING MACHINES

A2026/00002 - Shenzhen Yangwo Electronic Co., Ltd. Class 28. HAIR REMOVAL DEVICE

A2026/00009 - Carlo Kruger Class 21. PUTTER-TYPE GOLF CLUB HEAD AND HOSEL

F2026/00004 - Sandvik Mining and Construction Oy Class 15. COOLER SHROUDS FOR MINING MACHINES

A2026/00005 - ENSURGE MEDICAL (SUZHOU) CO., LTD. Class 24. ULTRASONIC SCALPEL HANDLE

F2026/00001 - J and J Diverse (PTY) LTD Class 08. TOOL-FREE CABLE CLIP

. - APPLIED ON 2026/01/06 -

A2026/00008 - Feel Good Products Class 07. PLUSH FLEECE COVERED MICROWAVABLE HEAT RETAINING BOTTLE

A2026/00007 - CEAT LIMITED Class 12. TYRE

. - APPLIED ON 2026/01/07 -

F2026/00010 - YORK, Natasha Class 25. SUPPORT STRUCTURE

. - APPLIED ON 2026/01/09 -

A2026/00012 - Automobili Lamborghini S.p.A. Class 21. MODEL VEHICLES

A2026/00011 - Automobili Lamborghini S.p.A. Class 12. VEHICLES

. - APPLIED ON 2026/01/13 -

A2026/00016 - HYHY INCORPORATED Class 23. SOAP HOLDER

F2026/00013 - KELLNER, Rhoda Nicol Class 04. BRUSH HOLDERS

A2026/00015 - GUANGDONG LOONGON ANIMATION & CULTURE CO., LTD. Class 21. TOYS

A2026/00014 - GUANGDONG LOONGON ANIMATION & CULTURE CO., LTD. Class 21. TOYS

. - APPLIED ON 2026/01/14 -

F2026/00017 - Fluidra Waterlinx (Pty) Ltd Class 23. PART OF A POOL WEIR ASSEMBLY

. - APPLIED ON 2026/01/15 -

F2026/00020 - BRENTWOOD ELECTRONICS CC Class 14. PRINTED CIRCUIT BOARD ASSEMBLY

A2026/00023 - BRENTWOOD ELECTRONICS CC Class 14. PRINTED CIRCUIT BOARD ASSEMBLY

A2026/00021 - BRENTWOOD ELECTRONICS CC Class 14. PRINTED CIRCUIT BOARD ASSEMBLY

A2026/00028 - Colgate-Palmolive Company Class 09. CONTAINERS

F2026/00030 - BRENTWOOD ELECTRONICS CC Class 14. PRINTED CIRCUIT BOARD CONDUCTOR LAYOUT

F2026/00018 - BRENTWOOD ELECTRONICS CC Class 14. PRINTED CIRCUIT BOARD ASSEMBLY

A2026/00025 - BRENTWOOD ELECTRONICS CC Class 14. PRINTED CIRCUIT BOARD ASSEMBLY

F2026/00024 - BRENTWOOD ELECTRONICS CC Class 14. PRINTED CIRCUIT BOARD ASSEMBLY

A2026/00031 - LITEHOUSE LIGHTING LLC Class 26. SOCKET

F2026/00022 - BRENTWOOD ELECTRONICS CC Class 14. PRINTED CIRCUIT BOARD ASSEMBLY

A2026/00026 - Colgate-Palmolive Company Class 09. CONTAINERS WITH CAPS

A2026/00032 - NYAMBOSE ARCHITECTS AND CONSTRUCTION (PTY) LTD Class 06. TABLE

F2026/00033 - NYAMBOSE ARCHITECTS AND CONSTRUCTION (PTY) LTD Class 06. TABLE

A2026/00019 - BRENTWOOD ELECTRONICS CC Class 14. PRINTED CIRCUIT BOARD ASSEMBLY

A2026/00027 - Colgate-Palmolive Company Class 09. CAPS

F2026/00029 - BRENTWOOD ELECTRONICS CC Class 14. PRINTED CIRCUIT BOARD CONDUCTOR LAYOUT

. - APPLIED ON 2026/01/16 -

A2026/00037 - Arnoldus Lourens Espag Class 21. RUGBY AERIAL PRO MKII

A2026/00034 - WEIHAI TRANSE VEHICLE CO., LTD. Class 21. RECREATIONAL VEHICLE

F2026/00035 - ATB Group (Pty) Limited Class 10. ATB DIRECTIONAL DUST FLUX GAUGE

F2026/00036 - EHLERS, Jan Gerhardus Class 23. PIPE CONNECTORS

. - APPLIED ON 2026/01/19 -

F2026/00047 - Arnoldus Lourens Espag Class 21. RUGBY AERIAL PRO

F2026/00040 - THE TRUSTEES FOR THE TIME BEING OF THE OOSTHUIZEN TRUST Class 25. FRAME ELEMENT

F2026/00043 - THE TRUSTEES FOR THE TIME BEING OF THE OOSTHUIZEN TRUST Class 25. FRAME ELEMENT

F2026/00039 - THE TRUSTEES FOR THE TIME BEING OF THE OOSTHUIZEN TRUST Class 25. FRAME ELEMENT

A2026/00042 - THE TRUSTEES FOR THE TIME BEING OF THE OOSTHUIZEN TRUST Class 25. PANEL SECTION

A2026/00045 - Andrew Hull Class 21. AN OUTDOOR HEAD SHADE AND NECK REST

A2026/00038 - Sindisile Class 32. PUREWASH LIQUID DISHWASHING DETERGENT BOTTLE

F2026/00044 - THE TRUSTEES FOR THE TIME BEING OF THE OOSTHUIZEN TRUST Class 25. FRAME ELEMENT

A2026/00041 - THE TRUSTEES FOR THE TIME BEING OF THE OOSTHUIZEN TRUST Class 25. PANEL SECTION

F2026/00046 - Werner Kruger Class 31. BRAAIKRAFT_BRAAI_01

. - APPLIED ON 2026/01/20 -

A2026/00048 - Sindisile Class 32. WASHING POWDER

. - APPLIED ON 2026/01/21 -

A2026/00050 - New-Tec Integration (Xiamen) Co., Ltd. Class 06. SPRING MATTRESS

A2026/00049 - Antonio Puig, S.A. Class 09. BOTTLES

APPLICATION FOR THE RESTORATION OF A LAPSED DESIGN UNDER SECTION 23 OF THE ACT

Notice is hereby given that **ZHEUNG, Gordon Unit 18 Riverclub Mews, 7 Sycamore Avenue, Riverclub, SANDTON 2149, Gauteng, SOUTH AFRICA** has made application for the restoration of the design registered to the said **ZHEUNG, Gordon** for the Design **PORRIDGE COOKER BODY.**

Application number: **A2020/01706** date **23/12/2020** which become void on **23/12/2023** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

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Notice is hereby given that **ZHEUNG, Gordon Unit 18 Riverclub Mews, 7 Sycamore Avenue, Riverclub, SANDTON 2149, Gauteng, SOUTH AFRICA** has made application for the restoration of the design registered to the said **ZHEUNG, Gordon** for the Design **LID.**

Application number: **F2020/01703** date **23/12/2020** which become void on **23/12/2023** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

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Notice is hereby given that **ZHEUNG, Gordon Unit 18 Riverclub Mews, 7 Sycamore Avenue, Riverclub, SANDTON 2149, Gauteng, SOUTH AFRICA** has made application for the restoration of the design registered to the said **ZHEUNG, Gordon** for the Design **PORRIDGE COOKER BODY.**

Application number: **A2020/01704** date **23/12/2020** which become void on **23/12/2023** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

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Notice is hereby given that **ZHEUNG, Gordon Unit 18 Riverclub Mews, 7 Sycamore Avenue, Riverclub, SANDTON 2149, Gauteng, SOUTH AFRICA** has made application for the restoration of the design registered to the said **ZHEUNG, Gordon** for the Design **ELECTRICAL CONNECTOR**

Application number: **F2020/01705** date **23/12/2020** which become void on **23/12/2023** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

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Notice is hereby given that **ZHEUNG, Gordon Unit 18 Riverclub Mews, 7 Sycamore Avenue, Riverclub, SANDTON 2149, Gauteng, SOUTH AFRICA** has made application for the restoration of the design registered to the said **ZHEUNG, Gordon** for the Design **LID.**

Application number: **F2020/01707** date **23/12/2020** which become void on **23/12/2023** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

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Notice is hereby given that **ZHEUNG, Gordon Unit 18 Riverclub Mews, 7 Sycamore Avenue, Riverclub, SANDTON 2149, Gauteng, SOUTH AFRICA** has made application for the restoration of the design registered to the said **ZHEUNG, Gordon** for the Design **LID.**

Aapplication number: **A2020/01708** date **23/12/2020** which become void on **23/12/2023** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

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Notice is hereby given that **ZHEUNG, Gordon Unit 18 Riverclub Mews, 7 Sycamore Avenue, Riverclub, SANDTON 2149, Gauteng, SOUTH AFRICA** has made application for the restoration of the design registered to the said **ZHEUNG, Gordon** for the Design **GRAPHICAL USER INTERFACE.**

Application number: **A2020/01709** date **23/12/2020** which become void on **23/12/2023** due to non-payment of the prescribed renewal fee.

Any person may give notice on Design Form No 11 of opposition to restoration of the design within two months of the advertisement hereof. Registrar of Designs

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VOLUNTARY SURRENDER OF A DESIGN IN TERMS OF SECTION 34 REGULATION 42(4) OF THE DESIGN ACT

No records available

APPLICATION TO CORRECT AND/OR AMEND DESIGNS APPLICATION OR REGISTRATION

No records available

NOTICE OF REGISTRATION OF DESIGNS

Notice of registration of the designs mentioned below has been issued by the Registrar of Designs in terms of the Designs Act, 1993 (Act No. 195 of 1993)

INSPECTION OF DESIGNS

A design application, may after a notice of registration has been published, be inspected during office hours at the Designs Office, Pretoria, at a charge of R3, 00

COPIES OF DOCUMENTS

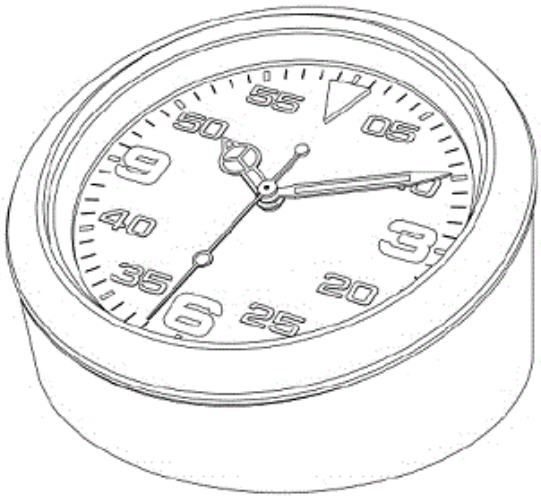
The Designs Office, Private Bag X400, Pretoria, supplies photocopies of all design documents at R1, 00 per page.

The numerical references denote the following: **(21)** Number of application. **(22)** Date of lodgment. **(23)** release date (if applicable). **(43)** Date of registration. **(52)** Class. **(24)** Type of design. **(71)** Name(s) of applicant(s). **(33)** Country. **(31)** Number and. **(32)** Date of convention application. **(54)** Articles to which design is to be applied. **(57)** Brief statement of features.

N.B.: Date of registration **(43)** is either Date of lodgment **(22)** or Date of convention of application **(32)** whichever is the earlier.

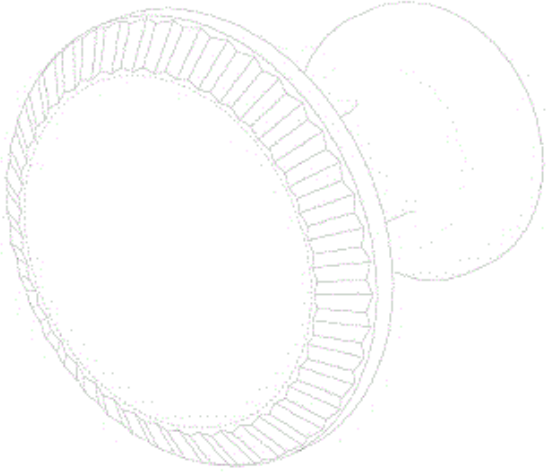
Registrar of Designs

21: A2024/00794 22: 2024-08-08 23:
43: 2025-11-13
52: Class 10. 24: Part A
71: ROLEX SA
33: CH 31: 2024-00101 32: 2024-02-29
54: Table Clock
57: The design relates to a table clock. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



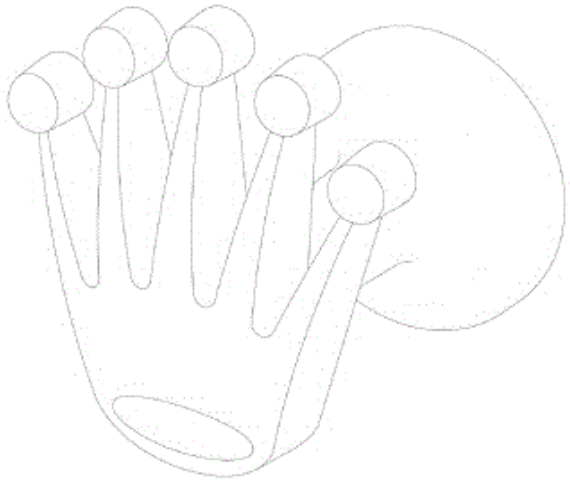
PERSPECTIVE VIEW

21: A2024/00795 22: 2024-08-08 23:
43: 2025-11-13
52: Class 2. 24: Part A
71: ROLEX SA
33: CH 31: 2024-00102 32: 2024-02-29
54: Cufflink
57: The design relates to a cufflink. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



PERSPECTIVE VIEW

21: A2024/00796 22: 2024-08-08 23:
43: 2025-11-13
52: Class 2. 24: Part A
71: ROLEX SA
33: CH 31: 2024-00099 32: 2024-02-29
54: Cufflink
57: The design relates to a cufflink. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

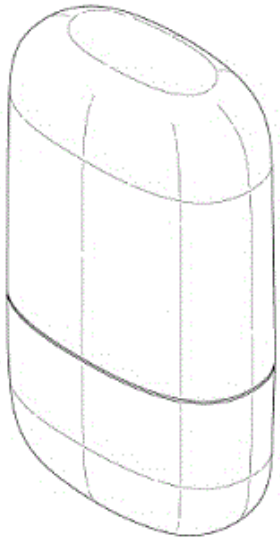


PERSPECTIVE VIEW

21: A2024/00797 22: 2024-08-08 23:
43: 2025-11-13
52: Class 2. 24: Part A
71: ROLEX SA
33: CH 31: 2024-00103 32: 2024-02-29
54: Cufflink
57: The design relates to a cufflink. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

PERSPECTIVE VIEW

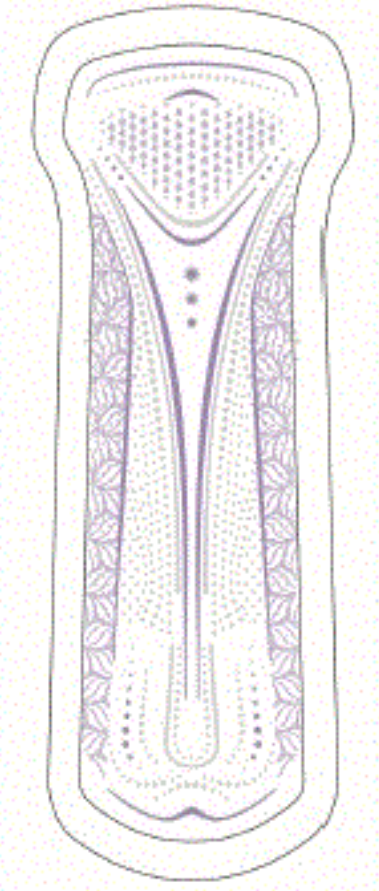
21: A2024/00958 22: 2024-09-26 23:
43: 2025-11-13
52: Class 9. 24: Part A
71: UNILEVER GLOBAL IP LIMITED
33: GB 31: 6355603 32: 2024-03-27
54: Deodorant Stick Container and Dispenser
57: The design relates to a deodorant stick container and dispenser. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



FRONT PERSPECTIVE VIEW

21: A2024/01110 22: 2024-10-28 23:
43: 2024-04-29
52: Class 24 24: Part A
71: Essity Hygiene and Health Aktiebolag

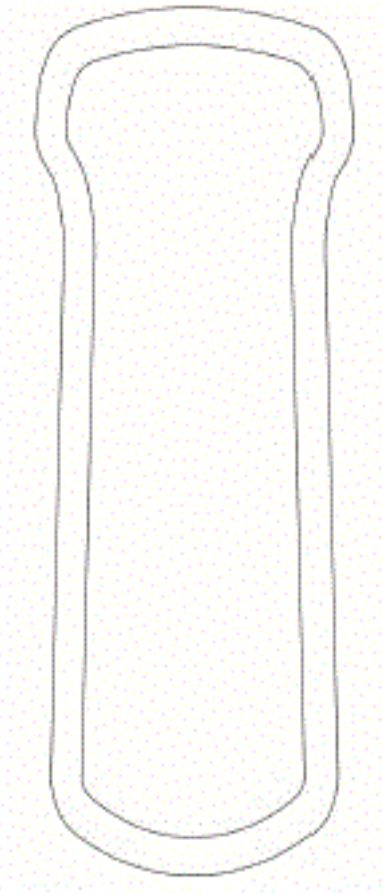
33: EM(SE) 31: 015059028-0005 32: 2024-04-29
54: SANITARY ARTICLES
57: The design is for a sanitary article having an elongate body with a bulbous top, a rounded bottom, and inwardly tapering sides. The body has a strip about its perimeter and includes an elongate absorbent pad inside the strip. The absorbent pad includes a Y-shaped area of channels with a column of three dots centrally, and a U-shaped channel overlapping the Y-shaped area at a lower portion. Outer longitudinal channels taper inwardly to a waist. A bottom channel has an inward kink centrally, and upper channels have inverted U-shapes. A diamond-shaped arrangement of dots is positioned above the Y-shaped area. Curved longitudinal columns of dots are positioned adjacent sides of the Y-shaped area. Curved lower columns of dots are positioned adjacent and below the U-shaped channel. A continuous pattern of petals or leaves is between the outer longitudinal channels and the strip laterally.



Sole Figure

Front view

21: A2024/01111 22: 2024-10-28 23:
43: 2024-04-29
52: Class 24 24: Part A
71: Essity Hygiene and Health Aktiebolag
33: EM(SE) 31: 015059028-0008 32: 2024-04-29
54: SANITARY ARTICLES
57: The design is for a sanitary article having an elongate body with a bulbous top, a rounded bottom, and inwardly tapering sides. The body has a strip about its perimeter and includes an elongate absorbent pad inside the strip.

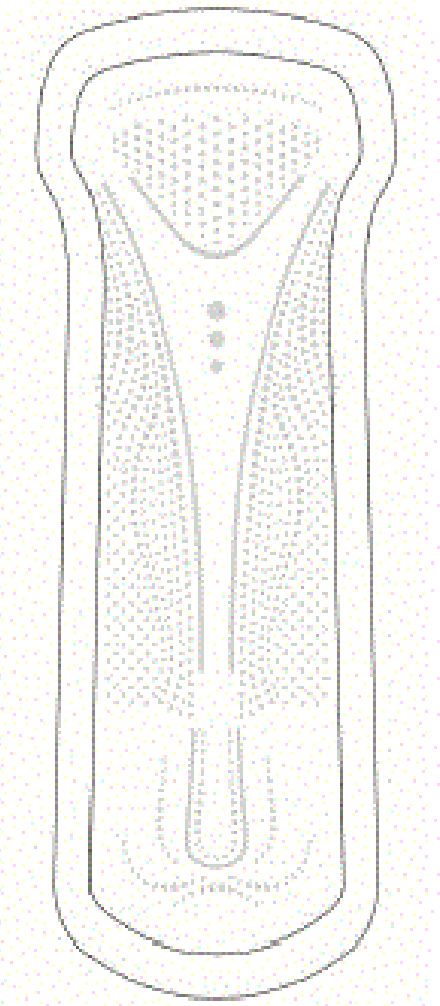


Sole Figure

Front view

21: A2024/01112 22: 2024-10-28 23:
43: 2024-04-29
52: Class 24 24: Part A
71: Essity Hygiene and Health Aktiebolag
33: EM(SE) 31: 015059028-0007 32: 2024-04-29
54: SANITARY ARTICLES
57: The design is for a sanitary article having an elongate body with a bulbous top, a rounded bottom, and inwardly tapering sides. The body has a strip

about its perimeter and includes an elongate absorbent pad inside the strip. The absorbent pad includes a Y-shaped area of channels with a column of three dots centrally, and a U-shaped channel below the Y-shaped area. A diamond-shaped arrangement of dots is positioned above the Y-shaped area with a curved lateral arrangement of dots above the diamond-shaped arrangement. Curved lower columns of dots are positioned adjacent and below the U-shaped channel. Curved longitudinal columns of dots are positioned adjacent sides of the Y-shaped area.



Sole Figure

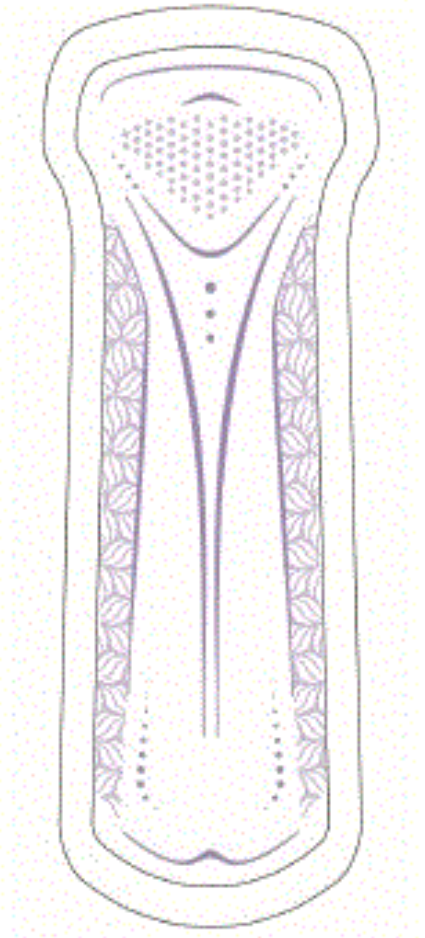
Front view

21: A2024/01113 22: 2024-10-28 23:
43: 2024-04-29
52: Class 24 24: Part A
71: Essity Hygiene and Health Aktiebolag

33: EM(SE) 31: 015059028-0006 32: 2024-04-29

54: SANITARY ARTICLES

57: The design is for a sanitary article having an elongate body with a bulbous top, a rounded bottom, and inwardly tapering sides. The body has a strip about its perimeter and includes an elongate absorbent pad inside the strip. The absorbent pad includes a Y-shaped area of channels with a column of three dots centrally, and columns of four dots extending from upper legs of the Y-shaped area. Outer longitudinal channels taper inwardly to a waist. A bottom channel has an inward kink centrally, and upper channels have inverted U-shapes. A diamond-shaped arrangement of dots is positioned above the Y-shaped area, and longitudinal arrangement of dots are located at a lower portion of the body, each tapering inwardly at a lower position. A continuous pattern of petals or leaves is between the outer longitudinal channels and the strip laterally.

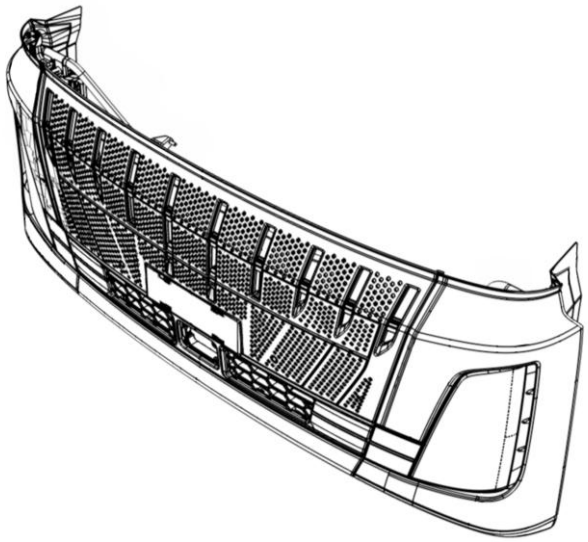


Sole Figure

Front view

21: A2024/01358 22: 2024-12-18 23:

43: 2025-12-11
52: Class 12 24: Part A
71: DONGFENG COMMERCIAL VEHICLE COMPANY LIMITED
33: CN 31: 2024303809652 32: 2024-06-20
54: BUMPER FOR VEHICLE
57: The design is applied to a vehicle bumper. The vehicle bumper is fitted to a vehicle, most typically an automobile.



21: A2025/00373 22: 2025-04-04 23:
43: 2025-11-13
52: Class 10. 24: Part A
71: MONTRES TUDOR SA
33: CH 31: 2024-00519 32: 2024-10-25
54: Watch Case
57: The design relates to a watch case. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

PERSPECTIVE VIEW

21: A2025/00374 22: 2025-04-04 23:
43: 2024-10-07
52: Class 13 24: Part A
71: Sandvik Mining and Construction Oy
33: EM(FI) 31: 015075243 – 0001 32: 2024-10-07
54: BATTERY CONTAINERS
57: The design is for a battery container. A body of the container is substantially cuboidal and comprises a base and a lid. Sides of the body are straight and parallel at a front portion but inwardly diagonally inclined at a rear portion, giving the body a hexagonal footprint, with the front being wider than the rear. A prominent central hook is provided at a bottom of the rear and two lateral hooks are provided on the sides where they meet the rear.

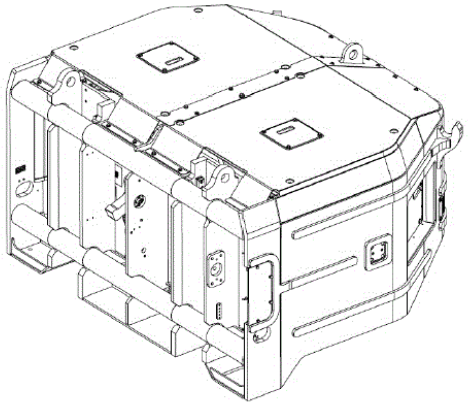


Figure 1

Three-dimensional view

21: A2025/00400 22: 2025-04-10 23:
43: 2025-11-12
52: Class 10. 24: Part A
71: OMEGA SA (OMEGA AG) (OMEGA LTD.)
33: IB 31: 154613 32: 2024-10-15
54: Watch
57: The design relates to a watch. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.

FRONT VIEW

21: A2025/00412 22: 2025-04-14 23:
43: 2024-10-15
52: Class 7 24: Part A
71: SMEG S.p.A.
33: HSIRID(IT) 31: DM/241233 32: 2024-10-15
54: ELECTRIC GRILLS
57: The design is for an electric grill having a body and a handle. The body comprises a base and hinged lid and has a rounded, globular appearance. A curved handle extends from rear sides of the body and curves upwardly around a front, following the curvature of the body.

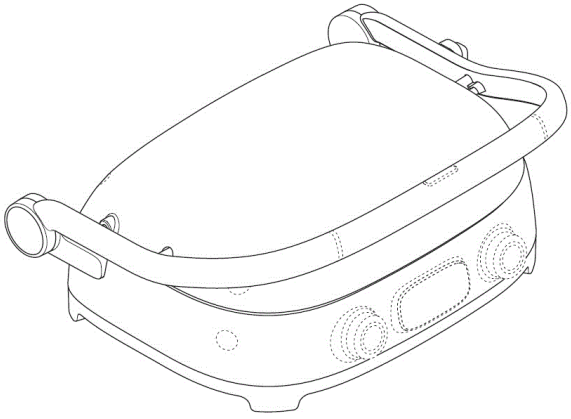


Figure 1
Three-dimensional view

21: A2025/00413 22: 2025-04-14 23:
43: 2024-10-15
52: Class 31 24: Part A
71: SMEG S.p.A.
33: HSIRID(IT) 31: DM/ 241241 32: 2024-10-15
54: APPLIANCES FOR PREPARING LIQUIDS
57: The design is for an appliance for preparing liquid. The appliance has an elongate body which is substantially cylindrical. The body is configured to stand upright on a base at one end of the elongate body, the body curving inwardly below a circumferential groove at a lower portion towards the base. At a top end, the body is open with a recessed lid that fits snugly in the opening. The lid has a diametrically-extending handle.

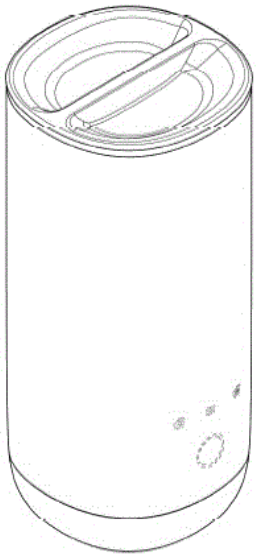


Figure 1
Three-dimensional view

21: A2025/00414 22: 2025-04-14 23:
43: 2024-10-15
52: Class 07 24: Part A
71: SMEG S.p.A.
33: HSIRID(IT) 31: DM/243216 32: 2024-10-15
54: OVENS
57: The design is for an oven. The oven has a cuboidal shape with a front, back, top, bottom, and two side surfaces. Lateral edges of the oven are rounded. The front surface includes an offset rectangular door with rounded corners and a window panel nested therein. Adjacent the door is an upright side panel filling the remaining space of the front surface. The side panel includes a rectangular window (or screen) in a top portion thereof.

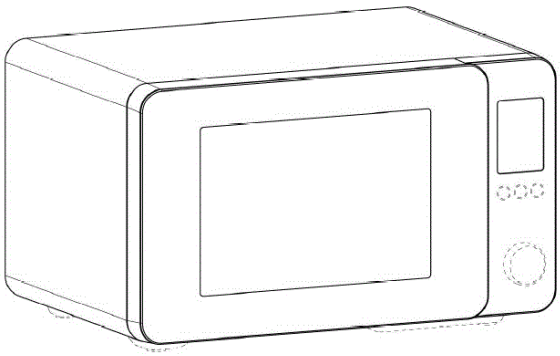


Figure 1

Three-dimensional view

21: A2025/00423 22: 2025-04-16 23:
43: 2025-01-21
52: Class 10 24: Part A
71: Turlen Holding SA
33: CH 31: 2025-00024 32: 2025-01-21
54: WATCHES
57: The design is for a watch having a rectangular shape with a slightly curved profile from the side view. The watch has a chunky rectangular case with eight prominent peripherally-spaced screws and a dial which features a skeletonized arrangement with rectangular cutouts partially revealing parts of its movement. A crown is prominent with orthogonal rectangular ridges. The rear of the case is transparent showcasing the movement having several rectangular cutouts and a rotor having a triangular shape with truncated corners and rectangular cutouts.

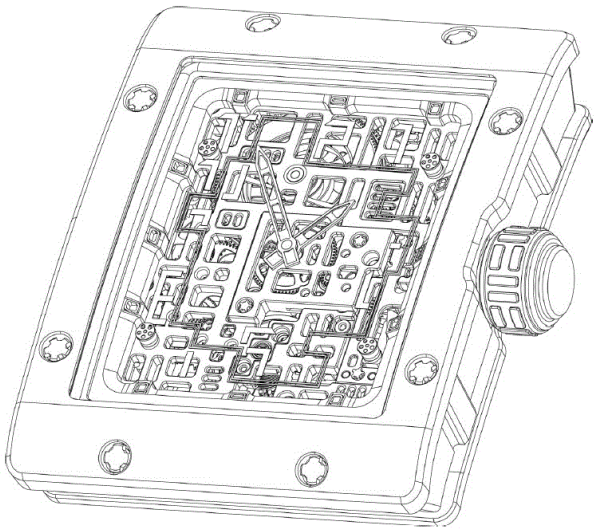


Figure 7

Three-dimensional view

21: A2025/00424 22: 2025-04-16 23:
43: 2025-11-13
52: Class 10 24: Part A
71: Turlen Holding SA
33: CH 31: 2025-00024 32: 2025-01-21
54: WATCH MECHANISMS
57: The design is a watch mechanism featuring skeletonized arrangements with rectangular cutouts partially revealing parts of its movement. From the back perspective is a rotor having a triangular shape with truncated corners and rectangular cutouts.

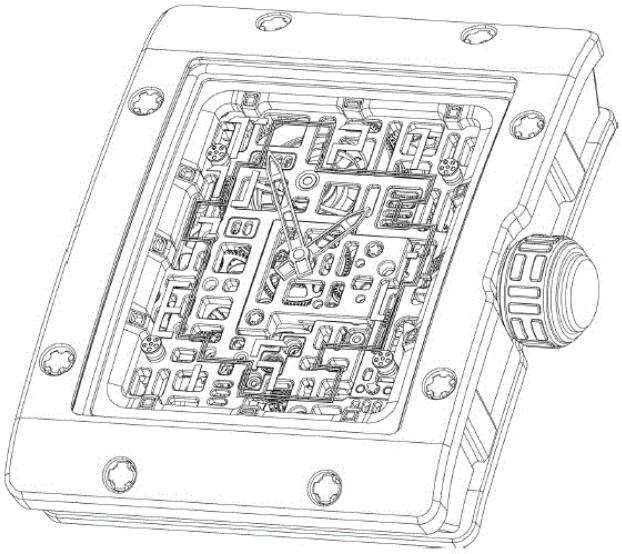


Figure 7

Three-dimensional view

21: A2025/00425 22: 2025-04-16 23:
43: 2024-10-19
52: Class 12 24: Part A
71: Chery Automobile Co., Ltd.
33: CN 31: 202430660270X 32: 2024-10-19
54: AUTOMOBILES
57: The design is for an automobile in the form of a multi-purpose vehicle (MPV). A key feature of the design lies in the shape and configuration of the vehicle. A front of the vehicle features a slender polygonal light strip. It also incorporates a prominent front grille with multiple evenly spaced vertical slats, complemented by a lower air intake grille positioned beneath a license plate mounting area. A continuous decorative trim extends along both sides of the vehicle, starting from front wheel arches, running across two doors, and connecting to taillights at a rear of the vehicle. A rear fascia includes a trunk, a tailgate, and taillights that echo the design language of headlights of the vehicle.

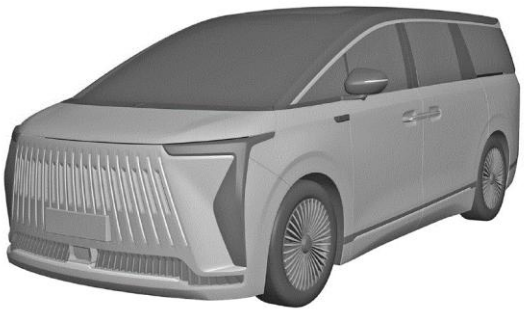


Figure 1

Three-dimensional view

21: A2025/00430 22: 2025-04-17 23:
43: 2025-11-13
52: Class 07 24: Part A
71: GRAND PLASTICS (PTY) LTD
54: A HOLDER FOR A CONTAINER
57: The design is applied to a holder for a container. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern and/or ornamentation of the holder for a container, substantially as illustrated in the accompanying representation.

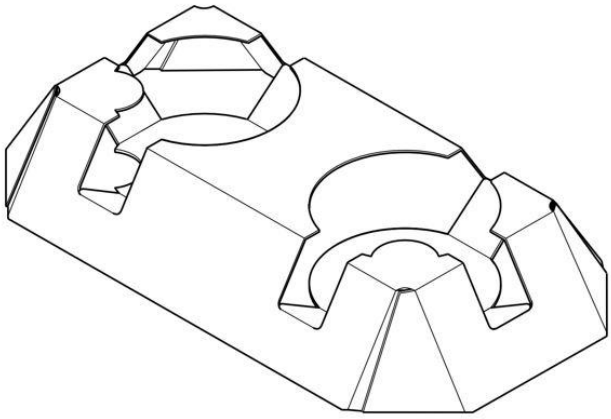


FIG. 2 THREE-DIMENSIONAL VIEW
IN A SECOND CONDITION

21: A2025/00432 22: 2025-04-17 23:
43: 2025-11-13
52: Class 07 24: Part A
71: GRAND PLASTICS (PTY) LTD
54: A HOLDER FOR A CONTAINER

57: The design is applied to a holder for a container. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern and/or ornamentation of the holder for a container, substantially as illustrated in the accompanying representation.

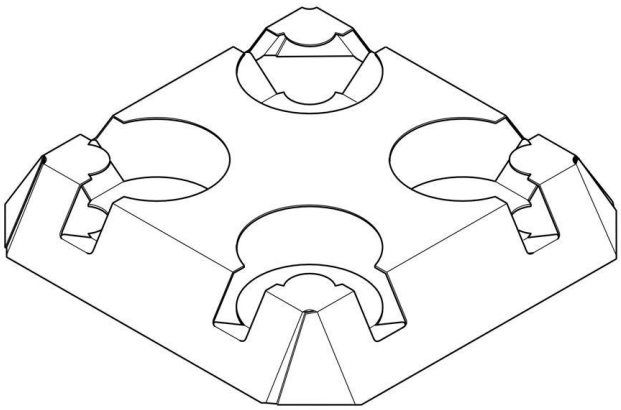
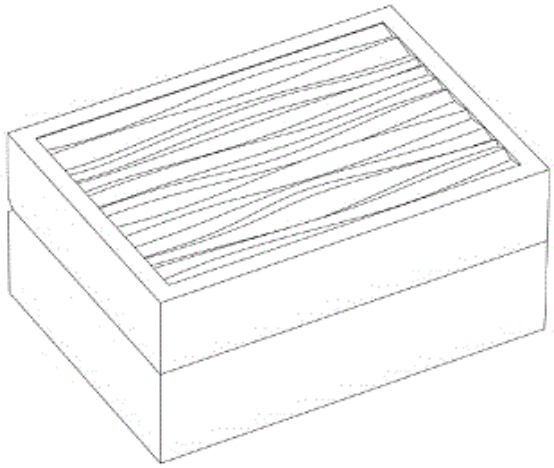


FIG. 2 THREE-DIMENSIONAL VIEW
IN A SECOND CONDITION

21: A2025/00439 22: 2025-04-23 23:
43: 2025-11-12
52: Class 3. 24: Part A
71: ROLEX SA
33: CH 31: 2024-00525 32: 2024-10-29
54: Watch Box
57: The design relates to a watch box. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



PERSPECTIVE VIEW
CLOSED CONFIGURATION

21: A2025/00448 22: 2025-04-24 23:
43: 2024-10-25
52: Class 4 24: Part A
71: SIC Enterprise, Inc.
33: US 31: 29/970,146 32: 2024-10-25
54: BRUSH AND COMB DEVICES
57: The design is for a brush and comb device. A body of the device is generally elongate and includes a handle with a circular cross-sectional profile that has a tapered, pointed bottom end, shoulders near a top, and a neck into which the shoulders gently taper. A rectangular head, with a square cross-sectional profile, projects upwardly from the neck. Opposite sides of the head include, respectively, a series of bristles forming a brush and a series of teeth forming a comb.

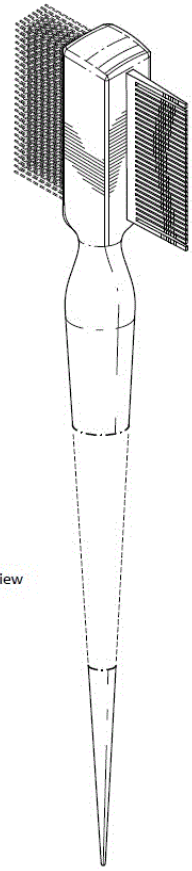


Figure 1
First three-dimensional view

21: A2025/00449 22: 2025-04-24 23:
43: 2024-10-25
52: Class 4 24: Part A
71: SIC Enterprise, Inc.
33: US 31: 29/970,147 32: 2024-10-25
54: BRUSH AND COMB DEVICES

57: The design is for a brush and comb device. A body of the device is generally elongate and includes a handle with a circular cross-sectional profile that has a pointed, pin-like bottom end, shoulders near a top, and a neck into which the shoulders gently taper. A rectangular head, with a square cross-sectional profile, projects upwardly from the neck. Opposite sides of the head include, respectively, a series of bristles forming a brush and a series of teeth forming a comb.

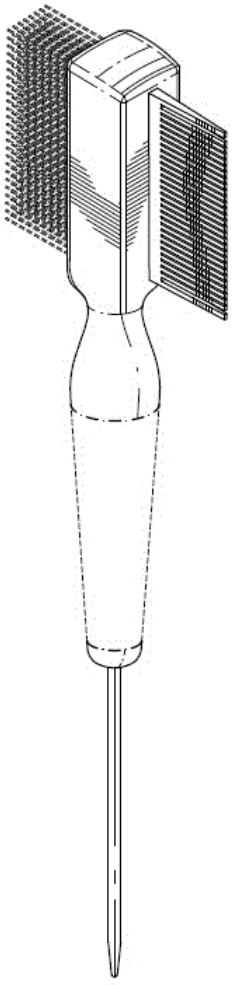
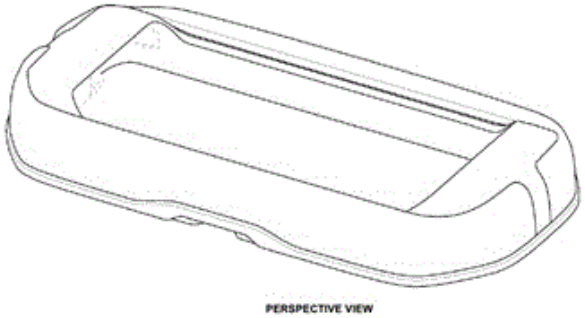


Figure 1
First three-dimensional view

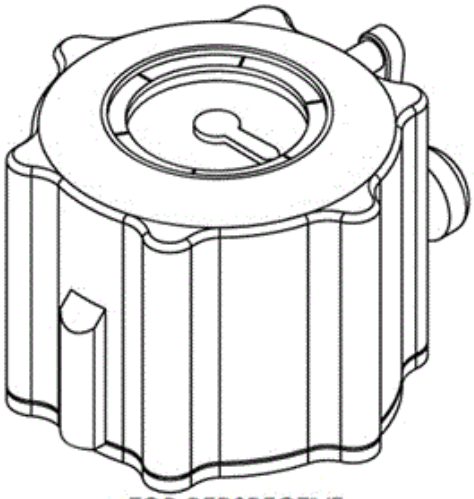
21: A2025/00450 22: 2025-04-25 23:
43: 2025-11-13
52: Class 14 24: Part A
71: HANVON UGEE TECHNOLOGY CO., LTD.
33: CN 31: 202530118367.2 32: 2025-03-13
54: ELECTRONIC NOTEPAD
57: The design is applied to an electronic notepad. The features of the design for which protection is claimed are those of the shape and/or configuration and/or ornamentation of an electronic notepad, substantially as illustrated in the accompanying representation.

21: A2025/00452 22: 2025-04-25 23:
43: 2025-11-13
52: Class 28. 24: Part A
71: SOCIETE BIC
33: US 31: 29/970,026 32: 2024-10-25
54: Combined Shaving Cartridge and Lubricating Elements
57: The design relates to a combined shaving cartridge and lubricating elements. The features of the design are those of shape and/or configuration and/or pattern and/or ornamentation.



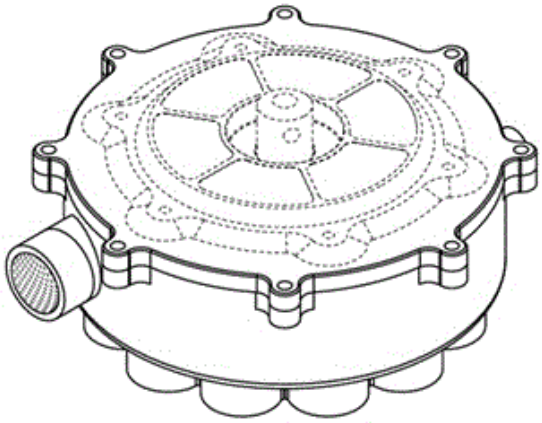
PERSPECTIVE VIEW

21: A2025/00454 22: 2025-04-29 23:
43: 2025-11-13
52: Class 23. 24: Part A
71: CHESWORTH, NORMAN RODGER
54: Valve Actuator
57: The design relates to a valve actuator. The features of the design are those of shape and/or configuration.



TOP PERSPECTIVE VIEW

21: A2025/00455 22: 2025-04-29 23:
43: 2025-11-13
52: Class 23. 24: Part A
71: CHESWORTH, NORMAN RODGER
54: Multiport Valve Housing
57: The design relates to a multiport valve housing. The features of the design are those of shape and/or configuration.

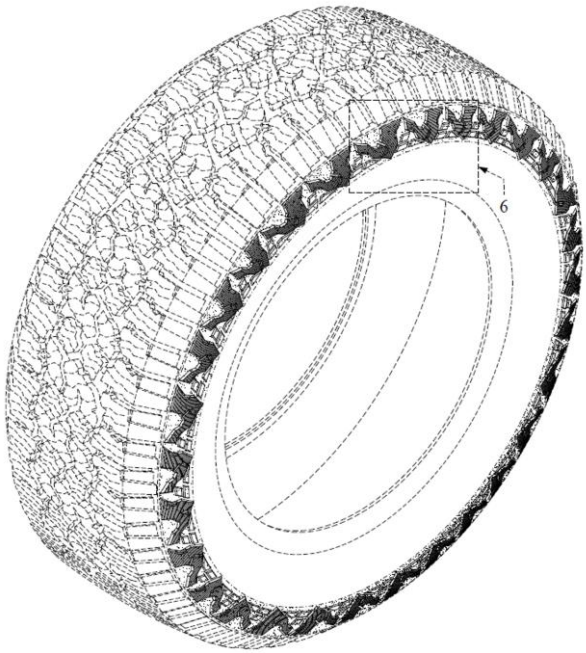


TOP PERSPECTIVE VIEW

21: A2025/00457 22: 2025-04-30 23:
43: 2025-11-13
52: Class 29 24: Part A
71: SANDVIK MINING AND CONSTRUCTION G.m.b.H.
33: EM 31: 015078028-0001 32: 2024-10-31
54: FLEXIBLE RUBBER SAFETY CAGE
57: The design for which protection is claimed relates to a flexible safety cage shown in perspective front view in the drawing showing the overall appearance thereof.

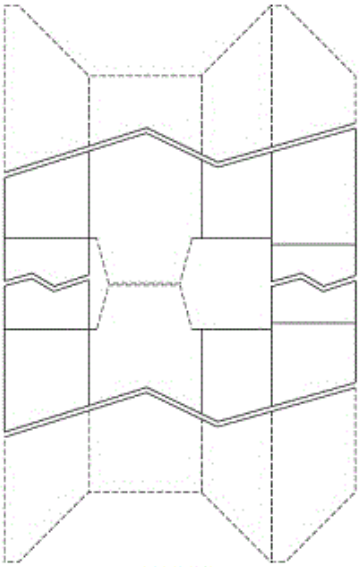
21: A2025/00501 22: 2025-05-13 23:
43: 2025-12-11
52: Class 07 24: Part A
71: RPG COMMERCE HOLDINGS PTE LTD
33: MY 31: 25-E0305-0101 32: 2025-02-04
54: NON-SLIP BOOT FOR DRINKWARE
57: The design is applied to a non-slip boot for drinkware. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern and/or ornamentation of the non-slip boot for drinkware, substantially as illustrated in the accompanying representation. Features shown in broken lines do not form part of the design and are disclaimed.

21: A2025/00510 22: 2025-05-13 23:
43: 2025-12-11
52: Class 12 24: Part A
71: OMNI UNITED (S) PTE. LTD.
33: US 31: 29/995,929 32: 2025-03-28
54: TYRE
57: The design is applied to a tyre. 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 tyre, substantially as illustrated in the accompanying representation. Features shown in broken lines as well as grain noise shown in the representations do not form part of the design and are disclaimed.



21: A2025/00625 22: 2025-05-30 23:
43: 2025-12-11
52: Class 07 24: Part A
71: BONNIE BRAAI (PTY) LTD
54: COOKING APPARATUS
57: The design is applied to a cooking apparatus. 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 cooking apparatus, substantially as illustrated in the accompanying representation.

21: F2024/00867 22: 2024-09-03 23:
43: 2025-11-13
52: Class 9. 24: Part F
71: MPACT LIMITED
54: Box Connector Blank
57: The design relates to a box connector blank. The features of the design are those of shape and/or configuration and/or pattern.



TOP VIEW
FIRST EMBODIMENT

21: F2025/00375 22: 2025-04-04 23:
43: 2024-10-07
52: Class 13 24: Part F
71: Sandvik Mining and Construction Oy
33: EM(FI) 31: 015075243 – 0001 32: 2024-10-07
54: BATTERY CONTAINERS
57: The design is for a battery container. A body of the container is substantially cuboidal and comprises a base and a lid. Sides of the body are straight and parallel at a front portion but inwardly diagonally inclined at a rear portion, giving the body a hexagonal footprint, with the front being wider than the rear. A prominent central hook is provided at a bottom of the rear and two lateral hooks are provided on the sides where they meet the rear.

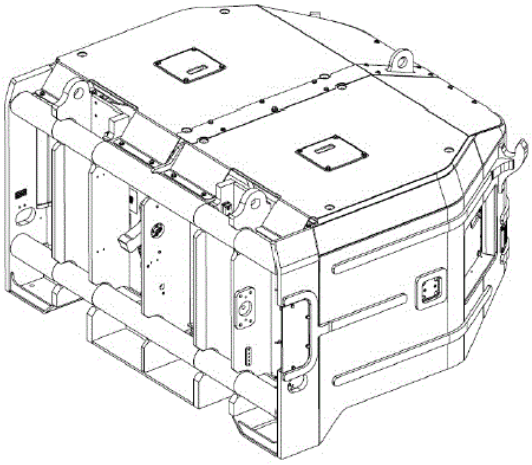
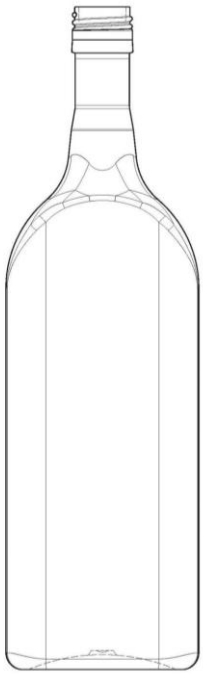


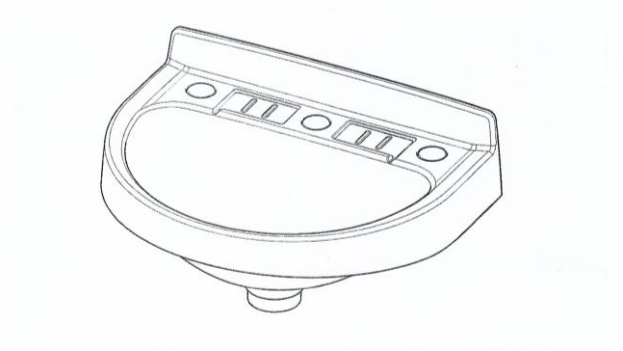
Figure 1

Three-dimensional view

21: F2025/00379 22: 2025-04-08 23:
43: 2025-11-13
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).

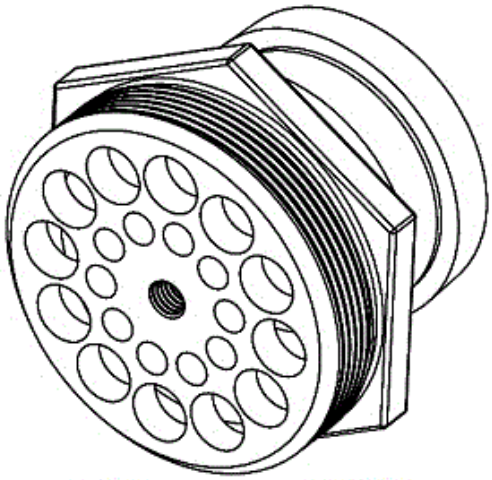


21: F2025/00401 22: 2025-04-11 23:
43: 2025-11-12
52: Class 23 24: Part F
71: VAN ZYL, VINCENT VERNON
54: WASHBASIN
57: The features for which protection is claimed reside in the shape and/or configuration of a washbasin substantially as shown in the accompanying representations.



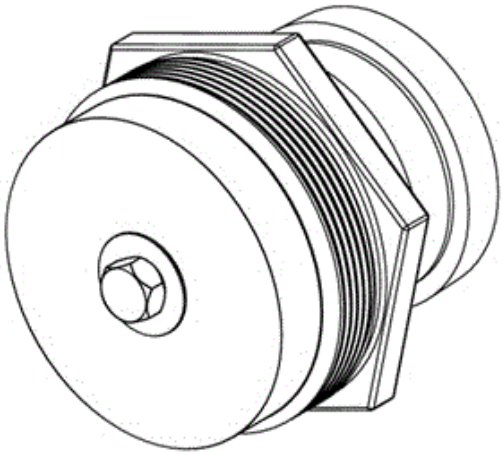
21: F2025/00415 22: 2025-04-14 23:
43: 2025-11-13
52: Class 25 24: Part F
71: Axel BÜTTGEN
54: BUILDING BLOCK
57: The features of the design for which protection is claimed include the shape and/or configuration and/or pattern of an article substantially as shown in the accompanying representation(s).

21: F2025/00427 22: 2025-04-17 23:
43: 2025-11-13
52: Class 23. 24: Part F
71: WOODLANDS ENGINEERING (PTY) LIMITED
54: Booster Connection Body
57: The design relates to a booster connection body. The features of the design are those of shape and/or configuration and/or pattern.



REAR PERSPECTIVE VIEW

21: F2025/00428 22: 2025-04-17 23:
43: 2025-11-12
52: Class 23. 24: Part F
71: WOODLANDS ENGINEERING (PTY) LIMITED
54: Booster Connection Assembly
57: The design relates to a booster connection assembly. The features of the design are those of shape and/or configuration and/or pattern.



REAR PERSPECTIVE VIEW

21: F2025/00431 22: 2025-04-17 23:
43: 2025-11-13
52: Class 07 24: Part F
71: GRAND PLASTICS (PTY) LTD
54: A HOLDER FOR A CONTAINER
57: The design is applied to a holder for a container. The features of the design for which protection is

claimed are those of the shape and/or pattern and/or configuration of the holder for a container, substantially as illustrated in the accompanying representation.

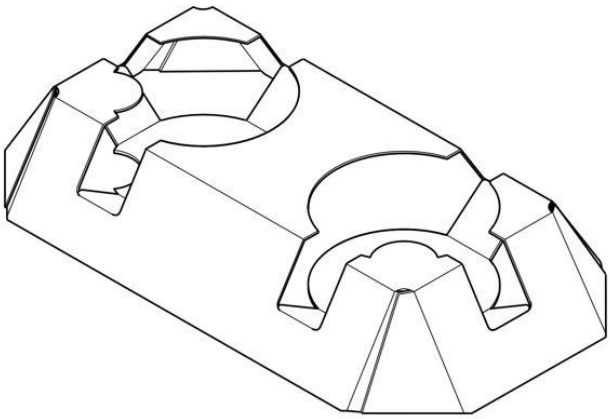


FIG. 2 THREE-DIMENSIONAL VIEW IN A SECOND CONDITION

21: F2025/00433 22: 2025-04-17 23:
43: 2025-11-11
52: Class 07 24: Part F
71: GRAND PLASTICS (PTY) LTD
54: A HOLDER FOR A CONTAINER
57: The design is applied to a holder for a container. The features of the design for which protection is claimed are those of the shape and/or pattern and/or configuration of the holder for a container, substantially as illustrated in the accompanying representation.

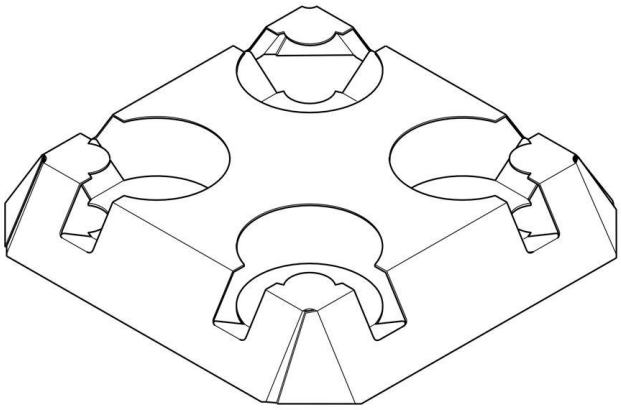
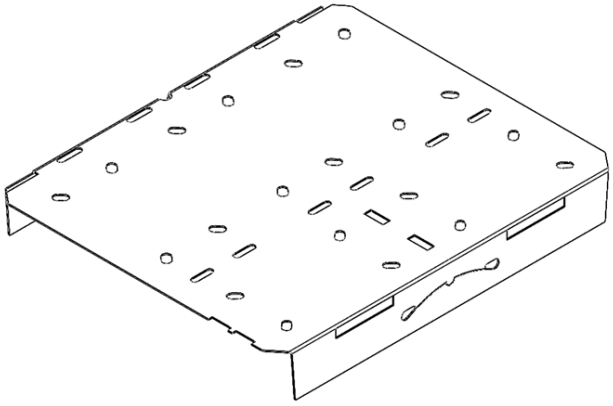
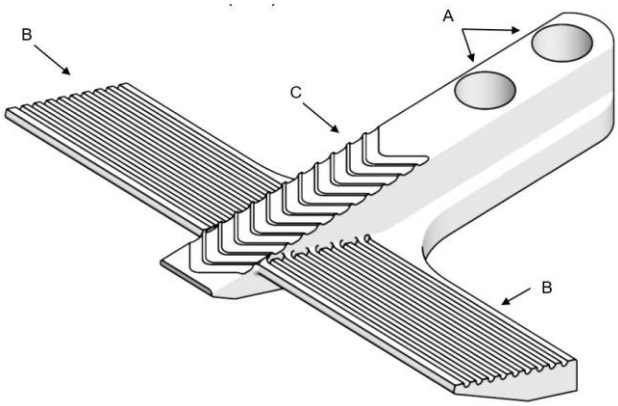


FIG. 2 THREE-DIMENSIONAL VIEW IN A SECOND CONDITION

21: F2025/00494 22: 2025-05-05 23:
43: 2025-12-09
52: Class 09 24: Part F
71: APL CARTONS (PTY) LTD
54: PALLET TOP CAP
57: The design is for a pallet top cap which includes a top wall and two side flaps that extend downward from two opposing edges of the top wall. A curved cut is provided on each of the side flaps that can be used to receive strapping to secure the pallet top cap on a load.



21: F2025/00508 22: 2025-05-13 23:
43: 2025-12-11
52: Class 15 24: Part F
71: ROVIC INTERNATIONAL (PTY) LTD
54: SHARE
57: The design is applied to a SHARE. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the SHARE, substantially as illustrated in the accompanying representation.



21: F2025/00509 22: 2025-05-13 23:
43: 2025-12-11
52: Class 15 24: Part F
71: ROVIC INTERNATIONAL (PTY) LTD

54: SHARE

57: The design is applied to a SHARE. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the SHARE, substantially as illustrated in the accompanying representation.

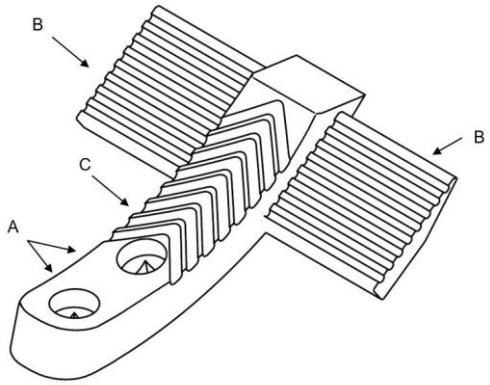
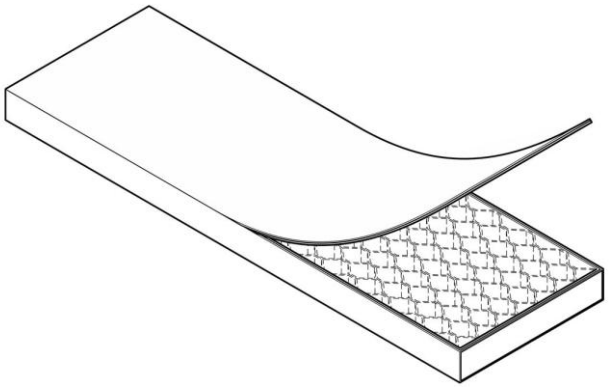


FIG.1: FIRST THREE-DIMENSIONAL VIEW

21: F2025/00617 22: 2025-05-28 23:
43: 2025-12-11
52: Class 06 24: Part F
71: V G IDEAS (PTY) LTD

54: SHELF

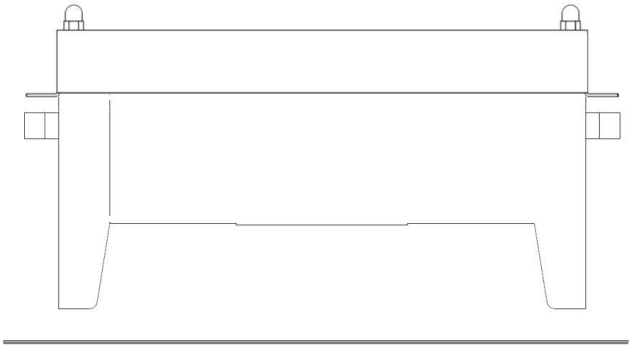
57: The design is applied to a shelf. The features of the design for which protection is claimed are those of the shape and/or configuration and/or pattern of the shelf, substantially as illustrated in the accompanying representations. Features shown in broken lines do not form part of the design and are disclaimed.



21: F2025/00627 22: 2025-05-30 23:
43: 2025-12-11
52: Class 07 24: Part F
71: BONNIE BRAAI (PTY) LTD

54: COOKING APPARATUS

57: The design is applied to a cooking apparatus. 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 cooking apparatus, substantially as illustrated in the accompanying representation.



HYPOTHECATIONS

No records available

JUDGMENTS

No records available

OFFICE PRACTICE NOTICES

No records available

4. COPYRIGHT

COPYRIGHT IN CINEMATOGRAPH FILMS

NOTICES OF ACCEPTANCE

(Applications filed in terms of Act No. 62 of 1977)

Any person, who has grounds for objection to the registration of the copyright in any of the following cinematographs films, may within the prescribed time, lodge Notice of Opposition on Form RF 5 contained in the Second Schedule to the Registration of Copyright in Cinematograph Films Regulations, 1980. The prescribed time is one month after the date of advertisement. This period may on application be extended by the Registrar.

The numerical denote the following: **(21)** Official application number. **(22)** Date of application. **(43)** Date of acceptance. **(24)** Date(s) and place(s) at which cinematograph films was made. **(25)** Date and place of first publication. **(71)** Name (s) of all applicant (s). **(75)** Name of author. **(76)** Name of producer **(77)** Name of director **(54)** Title of cinematograph film. **(78)** Name(s) of principal players or narrator. **(26)** Places at which cinematograph film may be viewed and conditions. **(55)** Specimen lodged/Not lodged. **(56)** Preview requested/Not requested. **(57)** Abstract (Storyline). **(58)** Category.

No records available

HYPOTHECATIONS

No records available

JUDGMENTS

No records available

OFFICE PRACTICE NOTICES

No records available

5. CORRECTION NOTICES

TRADE MARK CORRECTION NOTICES

No records available

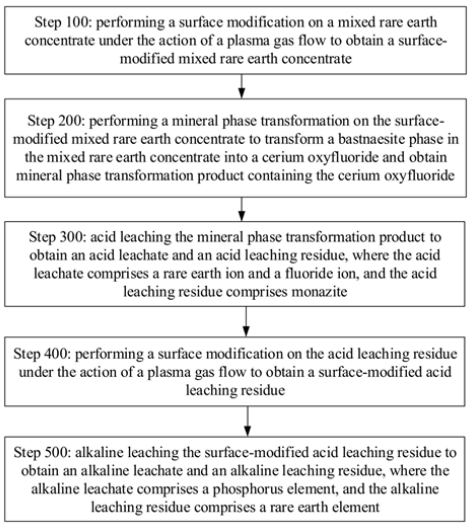
PATENT CORRECTION NOTICES

The patent application number **2025/03408** was advertised in the November 2025 journal with incorrect order of inventors and it should have appeared as the one below however the publication date will remain the **26/11/2025.**

21: 2025/03408. 22: 2025/04/23. 43: 2025/11/03
51: A61B 71: Guangxi University, Guangxi Minzu University, Hunan University
72: ZHANG Zhe; DING Can; WU Xinzhang; LIANG Lianhui; LIU Min; ZHANG Yiyi; MIAO Zhiqiang; LUO Jianqiao; XU Chenghao
54: A DAPTIVE LEARNING SURGICAL ROBOT INTELLIGENT CONTROL SYSTEM
00: -
The present invention patent discloses an intelligent control system for adaptive learning surgical robots, specifically related to the field of surgical robots. Including: multimodal sensing module: integrated high-precision force sensor or torque sensor, multispectral imaging device, 6-degree-of-freedom position tracker; Deep learning processor: using a three-level neural network architecture to analyze multimodal data in real-time, namely the CNN-LSTM fusion network model; Adaptive control engine: dynamically adjust the output force of the robotic arm based on organizational mechanics characteristics and optimize the motion path; Surgical knowledge base: stores expert operation modes and historical data, supports incremental learning updates. The technical solution of the present invention solves the problem that the existing surgical robot control system cannot adaptively adjust according to the surgical process, and improves the performance of the surgical robot.

The patent application number **2025/06793** was advertised in the December 2025 journal with incorrect order of inventors and it should have appeared as the one below however the publication date will remain the **17/12/2025.**

21: 2025/06793. 22: 2025/08/14. 43: 2025/11/03
51: C01F; C22B
71: NORTHEASTERN UNIVERSITY
72: LI, Wenbo; ZHANG, Xiaolong; QU, Rui; HAN, Yuexin; LI, Yanjun
33: CN 31: 202411210144.X 32: 2024-08-30
54: METHOD FOR LEACHING SEPARATION OF MIXED RARE EARTH CONCENTRATE
00: -
Disclosed is a method for leaching separation of a mixed rare earth concentrate. The method include: completing surface modification on the concentrate under the action of a plasma gas flow, and obtaining a surface-modified mixed rare earth concentrate; performing mineral phase transformation on the surface-modified mixed rare earth concentrate, transforming a bastnaesite phase in the mixed rare earth concentrate into a cerium oxyfluoride, and obtaining a mineral phase transformation product containing the cerium oxyfluoride; performing acid leaching on the mineral phase transformation product, and obtaining an acid leachate and an acid leaching residue; completing surface modification on the acid leaching residue under the action of a plasma gas flow, and obtaining a surface-modified acid leaching residue; and performing alkaline leaching on the surface-modified acid leaching residue, and obtaining an alkaline leachate and an alkaline leaching residue.



DESIGNS CORRECTION NOTICES

No records available

COPYRIGHT CORRECTION NOTICES

No records available

PATENTS

Advertisement List for January 2026

Number of Advertised Patents:249

Application Number	Patent Title	Filing Date
2018/07514	AXIAL/RADIAL FLOW CONVERTER	2018/11/08
2019/07135	COMBINATION OF AN ANTI-PD-L1 ANTIBODY AND A DNA-PK INHIBITOR FOR THE TREATMENT OF CANCER	2019/10/29
2019/07466	PRODUCTS AND METHODS FOR THERAPEUTIC ADMINISTRATION OF MICROORGANISMS TO NON-HUMAN ANIMALS	2019/11/11
2019/07599	BIS-OCTAHYDROPHENANTHRENE CARBOXAMIDES AND PROTEIN CONJUGATES THEREOF	2019/11/15
2020/02999	FORMULATIONS OF DENGUE VIRUS VACCINE COMPOSITIONS	2020/05/21
2020/04112	SOLAR CONTROL COATINGS AND METHODS OF FORMING SOLAR CONTROL COATINGS	2020/07/06
2020/05766	PACKAGING ARRANGEMENT	2020/09/17
2020/06013	HEAT EXCHANGER CLOSURE ASSEMBLIES AND METHODS OF USING AND INSTALLING THE SAME	2020/09/29
2020/06448	PHARMACEUTICAL COMPOSITION COMPRISING META ARSENITE AND METHOD OF MANUFACTURE	2020/10/16
2020/06481	ANTI-MSR1 ANTIBODIES AND METHODS OF USE THEREOF	2020/10/19
2020/06482	COMPOSITIONS AND ARTICLES COMPRISING COMPLEXES OF 1-METHYLCYCLOPROPRENE AND ALPHA-CYCLODEXTRIN	2020/10/19
2020/06533	MULTI-THERMAL STORAGE UNIT SYSTEMS, FLUID FLOW CONTROL DEVICES, AND LOW PRESSURE SOLAR RECEIVERS FOR SOLAR POWER SYSTEMS, AND RELATED COMPONENTS AND USES THEREOF	2020/10/21
2020/06587	BATTERY CHARGE MANAGEMENT OF MINING MACHINES	2020/10/22
2020/06678	CAMERA-BASED DRUG CONTAINER INSPECTION	2020/10/27
2020/06962	COMPOSITIONS, SYSTEMS AND METHODS FOR DELIVERY OF AN	2020/11/09

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	ELEMENT IN RESPONSE TO BIOLOGICAL DEMAND	
2020/07541	CRYSTAL MODIFICATIONS OF ODEVIXIBAT	2020/12/03
2021/04428	METHOD AND APPARATUS OF INTERPOLATION FILTERING FOR PREDICTIVE CODING	2021/06/25
2021/04463	A MINING MACHINE ADAPTED FOR EXTRACTING MATERIAL FROM A DEPOSIT, AND METHOD FOR CONTROL THEREOF	2021/06/28
2021/08162	USE OF A SUGAR OR SUGAR ALCOHOL	2021/10/22
2021/08270	TETRAHYDRO-1H-CYCLOPENTA[CD]INDENE DERIVATIVES AS HYPOXIA INDUCIBLE FACTOR-2(ALPHA) INHIBITORS	2021/10/26
2021/08422	ANTI-CD25 FOR TUMOUR SPECIFIC CELL DEPLETION	2021/10/29
2022/01559	PROCESS FOR THE PREPARATION OF FLUENSULFONE	2022/02/04
2022/01565	POSITIONING OF MOBILE DEVICE IN UNDERGROUND WORKSITE	2022/02/04
2022/03570	INTRODUCING AN ELONGATED ELEMENT INTO A SUBMARINE DUCT	2022/03/28
2022/04672	ANNULOPLASTY AND TISSUE ANCHOR TECHNOLOGIES	2022/04/26
2022/04858	COMPOUNDS FOR PROVIDING A LONG-LASTING FLORAL AND FRUITY ODOR	2022/05/03
2022/05109	WEAR PART, BUCKET AND METHOD	2022/05/09
2022/07773	MANAGEMENT SYSTEM AND METHOD	2022/07/13
2022/08281	CIRCULAR PARALLEL PLATE GRIT REMOVER	2022/07/25
2022/08284	SUPER ABSORBENT POLYMER AND A PESTICIDE	2022/07/25
2022/08286	WHEAT TRANSGENIC EVENT IND-ØØ412-7	2022/07/25
2022/08287	ESCHERICHIA COLI COMPOSITIONS AND METHODS THEREOF	2022/07/25
2022/08473	IMPACT DEVICE	2022/07/28
2022/08811	TEAR-OPEN POUCH THAT STAYS IN ONE PIECE AFTER OPENING	2022/08/05
2022/09825	PREPARATION METHOD FOR ANTIBODY MEDICAMENT CONJUGATE	2022/09/02

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2022/09925	COMPOSITIONS AND METHODS FOR TREATING POMPE DISEASE	2022/09/06
2022/10986	APPARATUS FOR RESIN INJECTION, MINING MACHINE AND METHOD	2022/10/06
2022/11412	LUMINALLY-ACTING N-(PIPERIDIN-4-YL)BENZAMIDE DERIVATIVES	2022/10/18
2022/11532	TGFβR2 EXTRACELLULAR DOMAIN TRUNCATED MOLECULE, FUSION PROTEIN OF TGFβR2 EXTRACELLULAR DOMAIN TRUNCATED MOLECULE AND ANTI-EGFR ANTIBODY, AND ANTI-TUMOR USE OF FUSION PROTEIN	2022/10/21
2022/11533	METHOD FOR IMPROVING IMMUNOGENICITY OF PROTEIN/PEPTIDE ANTIGEN	2022/10/21
2022/11622	METHOD FOR SELECTION OF HIGH M6P RECOMBINANT PROTEINS	2022/10/25
2022/11686	METHOD AND INSPECTION DEVICE FOR OPTICALLY INSPECTING A SURFACE	2022/10/26
2022/11745	AN ELECTRIC FIELD OR ELECTRIC VOLTAGE DELIVERING ELECTRODE SYSTEM FOR THE TREATMENT OF INTERNAL ORGAN OEDEMA	2022/10/27
2022/12090	PEPTIDES CONTAINING A PCNA INTERACTING MOTIF FOR USE IN THE TREATMENT OF SOLID CANCER	2022/11/04
2022/12133	ANTI-CD200R1 ANTIBODIES AND METHODS OF USE THEREOF	2022/11/07
2022/12299	SYSTEMS AND METHODS FOR MANAGING FEEDBACK FOR MULTICAST TRANSMISSIONS	2022/11/10
2022/12460	GLUCOAMYLASE AND METHODS OF USE THEREOF	2022/11/15
2022/12509	MAIZE EVENT DP-915635-4 AND METHODS FOR DETECTION THEREOF	2022/11/16
2022/12527	COMPACT PASSIVE DECAY HEAT REMOVAL SYSTEM FOR TRANSPORTABLE MICRO-REACTOR APPLICATIONS	2022/11/16
2022/12877	STABLE SHAPED ALUMINA AND METHOD FOR PRODUCING SAME	2022/11/25
2023/00555	APPARATUS FOR SEPARATING AND CONVEYING ROOT CROPS	2023/01/12
2023/01693	NOVEL PSILOCIN DERIVATIVES HAVING PRODRUG PROPERTIES	2023/02/10
2023/04160	A KITE	2023/04/05

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2023/06299	STIRRING IMPELLER, ARRANGEMENT AND USE	2023/06/15
2023/06574	CONTINUOUS DISSOLUTION OF A CELLULOSE DERIVATIVE	2023/06/26
2023/07232	SECURITY POLICY PROCESSING METHOD AND COMMUNICATION DEVICE	2023/07/19
2023/07297	AN AGROCHEMICAL COMPOSITION	2023/07/21
2023/07298	METHOD OF IMPROVING PLANT GROWTH	2023/07/21
2023/07333	METHOD TO CHECK A COFFEE BEANS ROASTING SYSTEM	2023/07/24
2023/07338	MILL DISCHARGE GRATE HAVING DYNAMIC VARIABLE SIEVE OPENINGS	2023/07/24
2023/07495	CONTEXT MODELING FOR SIGN PREDICTION FOR VIDEO CODING	2023/07/27
2023/07538	USE OF A BET INHIBITOR ALONE OR IN COMBINATION WITH FEDRATINIB OR RUXOLITINIB FOR TREATING A HEMATOLOGICAL MALIGNANCY SUCH AS MYELOFIBROSIS	2023/07/28
2023/08026	ENERGY CELL	2023/08/18
2023/08669	APPARATUS FOR DETERMINING DURATION OF HOT WATER RELEASE FROM A BOILER	2023/09/11
2023/08904	BUILDING METHOD AND STRUCTURE	2023/09/14
2023/09279	NUCLEAR REACTOR WITH A HEAVY LIQUID METAL COOLANT	2023/10/04
2023/09647	TOPICAL ANAESTHETIC COMPOSITION HAVING IMPROVED VASOCONSTRICTOR STABILITY	2023/10/16
2023/09651	COMPOSITIONS AND METHODS FOR TREATMENT OF OCULAR DISEASE ASSOCIATED WITH ANGIOGENESIS	2023/10/16
2023/09710	METHOD FOR MANUFACTURING METAL FIBERS, MORE PARTICULARLY STEEL FIBERS	2023/10/18
2023/09772	TITANIA BASED GENERATORS FOR AC-225 GENERATION	2023/10/19
2023/09833	FORMULATIONS COMPRISING RECOMBINANT ACID ALPHA-GLUCOSIDASE	2023/10/23
2023/10071	ANTENNA STRUCTURE FOR IMPROVING RADIATION PERFORMANCE AND ELECTRONIC DEVICE COMPRISING SAME	2023/10/27

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2023/10169	COCRYSTALLINE FORMS OF A BRUTON'S TYROSINE KINASE INHIBITOR	2023/10/31
2023/10177	HEPAROSAN-PRODUCING RECOMBINANT CELLS	2023/10/31
2023/10178	CHONDROITIN-PRODUCING RECOMBINANT CELL	2023/10/31
2023/10179	HYALURONIC ACID-PRODUCING RECOMBINANT CELLS	2023/10/31
2023/10362	METHOD FOR REPLACING SALTS OF A SELF-REGENERATING BREATHER DEVICE OF A POWER ELECTRICAL APPARATUS	2023/11/07
2023/10640	METHODS OF REDUCING THE RISK OF HEART FAILURE	2023/11/16
2023/10816	A BLASTING CONTAINER ASSEMBLY	2023/11/23
2024/00211	CARGO RESTRAINT SYSTEM	2024/01/05
2024/00910	METHOD FOR AUTHENTICATING A HIGH-VALUE ITEM	2024/01/26
2024/03392	HYDRAULIC ACTUATOR FOR CONTROLLING OPERATIONS OF DRILLING MACHINES	2024/05/02
2024/03433	NON-ROTATING BIT FOR CUTTING TOOL	2024/05/03
2024/03523	MEMBRANE-BASED HYDROGEN PURIFIERS	2024/05/08
2024/04648	AZETIDINE AND PYRROLIDINE PARP1 INHIBITORS AND USES THEREOF	2024/06/14
2024/04654	A BIN	2024/06/14
2024/04981	BONE REGENERATION MATERIAL	2024/06/25
2024/05656	MIST INHALER DEVICES	2024/07/22
2024/05666	KRAFTLINER PAPER MADE FROM MECHANICAL PULP AND CHEMICAL PULP AND PAPER PRODUCTS CONTAINING SAME	2024/07/22
2024/05671	AUTOMATED EXTERNAL DEFIBRILLATOR	2024/07/22
2024/05757	IMPULSE PROPULSION SYSTEM	2024/07/25
2024/05913	METHOD AND APPARATUS TO PREVENT DENIAL OF CALL TRANSFER	2024/07/31
2024/05918	RELAXATION OF MEASUREMENTS FOR FAILURE DETECTION	2024/07/31
2024/06044	NITROGEN-CONTAINING HETEROCYCLIC COMPOUND HAVING NRF2 ACTIVATION EFFECT	2024/08/06
2024/06104	LUGGAGE ARRANGEMENT	2024/08/08
2024/06226	DUAL FUEL ENGINE SYSTEM	2024/08/14

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2024/06521	SLIDING BAND MULTI-ELEVATOR FILING SYSTEM NOT REQUIRING ELEVATOR PIT	2024/08/26
2024/07537	PORTABLE VOLTAGE DETECTOR AND SYSTEM FOR WARNING OF VOLTAGE HAZARDS	2024/10/03
2024/07572	PHYSICAL QUANTITY MEASUREMENT SYSTEM AND/OR FOR POSITION MEASUREMENT WITH BISTABLE MAGNETIC WIRE, METHOD OF MEASUREMENT	2024/10/04
2024/07656	BASE OIL AND LUBRICATING FLUID COMPOSITION CONTAINING SAID BASE OIL	2024/10/09
2024/07659	COMPOSITIONS HAVING IMPROVED BIOAVAILABILITY OF THERAPEUTICS AND USES THEREOF	2024/10/09
2024/07665	SYSTEM FOR CLEANING RIVERS AND WATERWAYS IN GENERAL	2024/10/09
2024/07806	KIF18A INHIBITOR AND USE THEREOF	2024/10/15
2024/07836	TAPERED ADAPTER FOR ROTATABLE ASSEMBLY AND ASSOCIATED METHOD	2024/10/16
2024/07837	VISCOUS CLUTCH WITH FRONT-MOUNTED ELECTROMAGNETIC COIL, MODULAR VALVE AND FRONT HUB SUBASSEMBLIES FOR A VISCOUS CLUTCH, AND METHOD OF MAKING	2024/10/16
2024/07838	INDOLE-FUNCTIONALIZED BISPHOSPHORAMIDITES, METHODS FOR THE PREPARATION THEREOF, AND RHODIUM-LIGAND COMPLEX	2024/10/16
2024/07839	AVOIDING PROHIBITED SEQUENCES OF MATERIALS PROCESSING AT A CRUSHER USING PREDICTIVE ANALYTICS	2024/10/16
2024/07842	DISCHARGE ARRANGEMENT AND METHOD FOR HORIZONTAL FILTRATION EQUIPMENT AND HORIZONTAL FILTRATION EQUIPMENT	2024/10/16
2024/07885	LAUNDRY LIQUID COMPOSITION COMPRISING A SURFACTANT, AN AMINOCARBOXYLATE, AN ORGANIC ACID AND A FRAGRANCE	2024/10/17
2024/07895	ALIGNMENT OF MACHINE TO INSTALL STEERING FRAME LOCK	2024/10/17
2024/07921	PULLDOWN APPARATUS	2024/10/18

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2024/07925	APPARATUS FOR PROCESSING FRUIT AND VEGETABLE PRODUCTS	2024/10/18
2024/07946	FEM COMPRISING SWITCH, AND ELECTRONIC DEVICE COMPRISING SAME	2024/10/21
2024/07947	DEVICE AND METHOD FOR DILATION OF A TUBULAR ANATOMICAL STRUCTURE	2024/10/21
2024/07966	TETRAHYDROTHIENO PYRIDINE DERIVATIVES AS DDRS INHIBITORS	2024/10/22
2024/07975	WEAR MEMBER INCLUDING A DISPERSIBLE WEAR INDICATOR	2024/10/22
2024/07976	TOOL BIT AND ADAPTER BOARD	2024/10/22
2024/07978	WASHOUT PROTECTION FOR A BIT	2024/10/22
2024/07979	FRONT ACCESS FOR BIT RETENTION	2024/10/22
2024/07980	RETAINING SPRING CLIP AND ADAPTER BOARD	2024/10/22
2024/08025	HOT-ROLLED STEEL SHEET AND METHOD OF PRODUCING SAME, AND ELECTRIC RESISTANCE WELDED STEEL PIPE OR TUBE AND METHOD OF PRODUCING SAME	2024/10/23
2024/08058	SOLID COMPOSITION COMPRISING SOLUBILISED BRADYKININ B2-RECEPTOR ANTAGONISTS	2024/10/24
2024/08059	SOLID EXTENDED-RELEASE COMPOSITION COMPRISING BRADYKININ B2-RECEPTOR ANTAGONISTS	2024/10/24
2024/08070	LADDER MOTOR PUMP SYSTEM	2024/10/25
2024/08073	LIQUID-TIGHT CASE FOR TISSUE DEVICE AND SYSTEM HAVING SAME	2024/10/25
2024/08074	COMPRESSION MOULDING DEVICE AND METHOD	2024/10/25
2024/08076	AZA-TETRACYCLIC OXAZEPINE COMPOUNDS AND USES THEREOF	2024/10/25
2024/08077	SYSTEMS AND METHODS FOR MANAGING ASSIGNMENTS OF TASKS FOR WORK MACHINES USING MACHINE LEARNING	2024/10/25
2024/08127	SYF2 ANTISENSE OLIGONUCLEOTIDES	2024/10/28
2024/08153	DOOR SEAL FOR PREVENTING THE PASSAGE OF RODENTS	2024/10/29
2024/08155	NORMAL ALPHA OLEFIN SYNTHESIS USING DECARBONYLATIVE OLEFINATION	2024/10/29

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2024/08198	PUMP HAVING A FLANGE FOR MOUNTING AN AUXILIARY PUMP	2024/10/30
2024/08199	IMPROVED METHOD FOR THE DEPOLYMERIZATION OF POLYETHYLENE TEREPHTHALATE	2024/10/30
2024/08200	IMPROVED METHOD FOR DEPOLYMERISING POLYETHYLENE TEREPHTHALATE	2024/10/30
2024/08202	SYSTEM AND METHOD FOR DETERMINING PARAMETERS FOR FOAM PRODUCTION	2024/10/30
2024/08203	A DEVICE AND A METHOD FOR FACILITATING ASSEMBLING OF A WIND TURBINE	2024/10/30
2024/08204	IMPROVED PROCESS FOR DEPOLYMERISING POLYETHYLENE TEREPHTHALATE	2024/10/30
2024/08205	SYSTEM AND METHOD FOR AUTOMATICALLY SETTING PARAMETERS FOR FOAM PRODUCTION	2024/10/30
2024/08226	POLYMERIC MATERIALS AND ADDITIVES THEREFOR	2024/10/30
2024/08256	CRYSTALLINE FORM OF 1,1,1,3,3,3-HEXAFLUOROPROPAN-2-YL (S)-1-(PYRIDAZIN-3-YLCARBAMOYL)-6 AZASPIRO[2.5]OCTANE-6-CARBOXYLATE AS MONOACYLGLYCEROL LIPASE INHIBITOR	2024/10/31
2024/08340	DEVICE FOR EMPTYING CONVEYING BUCKETS DURING THE SINKING OF SHAFTS	2024/11/04
2024/08356	A HARD SURFACE CLEANING COMPOSITION	2024/11/05
2024/08408	BALL SCREW DEVICE AND METHOD FOR MANUFACTURING THE SAME	2024/11/06
2024/08410	ARTIFICIAL LYMPH NODE BIOREATOR	2024/11/06
2024/08411	ANILINE-DERIVATIVE-CONTAINING EXTERNAL PREPARATION FOR SKIN	2024/11/06
2024/08415	HYDRAULIC CYLINDER BUFFER SEAL BACKUP RING	2024/11/06
2024/08417	HYDRAULIC CYLINDER SEALING ARRANGEMENT	2024/11/06
2024/08418	MONITORING INTEGRITY OF CHARGING RAIL SYSTEM	2024/11/06
2024/08446	NOVEL PROCESS AND INTERMEDIATE FOR THE PREPARATION OF APALUTAMIDE	2024/11/07

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2024/08447	FACILITY AND METHOD FOR THE FORCED CARBONATION OF A FINE FRACTION OF A RECYCLED CONCRETE	2024/11/07
2024/08448	HERBICIDAL COMPOSITION CONTAINING DIFLUOROBUTENOIC ACID AMIDE COMPOUND	2024/11/07
2024/08449	GREASE THICKENING AGENT	2024/11/07
2024/08485	METHOD FOR MANUFACTURING CEMENT CLINKER USING STAINLESS STEEL SLAG	2024/11/08
2024/08493	SYSTEMS AND METHODS FOR MONITORING OPERATION UNDER LIMP MODE	2024/11/08
2024/08554	COMPOSITIONS, DEVICES, SYSTEMS AND METHODS RELATING TO VACCINATION AND STERILE PROTECTION AGAINST MALARIA	2024/11/11
2024/08558	BATCH FOR THE PRODUCTION OF A CARBON BONDED PRODUCT AND PROCESS FOR THE PRODUCTION OF A CARBON BONDED BRICK	2024/11/11
2024/08576	GPP SEAL SYSTEM MAINTENANCE, REPLACEMENT AND SEISMIC ISOLATION	2024/11/12
2024/08577	GPP SEAL SYSTEM MAINTENANCE, REPLACEMENT AND SEISMIC ISOLATION	2024/11/12
2024/08597	A FASTENING ASSEMBLY FOR USE IN A CARRIER SUCH AS A PICK-UP/TRUCK BED AND A METHOD FOR DETACHABLY FASTENING AN OBJECT TO A CARRIER SUCH AS A PICK-UP/TRUCK BED	2024/11/12
2024/08599	A HARD SURFACE CLEANING COMPOSITION	2024/11/12
2024/08600	CRYSTALLINE FORMS OF PICOLINAMIDE FUNGICIDE COMPOUND	2024/11/12
2024/08601	NON-FUNGIBLE TOKEN (NFT) GENERATION FOR SECURE APPLICATIONS	2024/11/12
2024/08603	VIDEO ENCODING AND DECODING METHOD, ENCODER, DECODER AND STORAGE MEDIUM	2024/11/12
2024/08627	WATER-BASED MULTI-COMPONENT PAINT SYSTEM	2024/11/13
2024/08629	REUSABLE WIDE-NECKED CONTAINER AND PACKAGING UNIT	2024/11/13

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2024/08630	A HARD SURFACE CLEANING COMPOSITION	2024/11/13
2024/08631	A HARD SURFACE CLEANING COMPOSITION	2024/11/13
2024/08662	A FLEXIBLE MIXED-PLASTIC POLYPROPYLENE BLEND (PP-FLEX)	2024/11/14
2024/08667	INSTALLATION FOR APPLYING A LINING COMPOSITION IN THE FORM OF DRY PARTICULATE MATERIAL TO FORM A WORKING LINING ONTO A PERMANENT REFRACTORY LAYER OF A TUNDISH	2024/11/14
2024/08678	METHOD OF MANUFACTURING A PLATINUM COMPLEX FOR PLATING	2024/11/14
2024/08696	AUTO-RETURN DRILL SUPPORT	2024/11/15
2024/08701	RESISTANCE GENE AND LETTUCE PLANT RESISTANT TO FUSARIUM WILT	2024/11/15
2024/08862	COMPOSITIONS AND METHODS FOR NEUROLOGICAL DISEASES	2024/11/21
2024/08949	STEEL SHEET HAVING EXCELLENT POWDERING PROPERTIES AFTER PRESS-HARDENING AND METHOD FOR MANUFACTURING THE SAME	2024/11/25
2024/08950	STEEL SHEET HAVING EXCELLENT CORROSION PROPERTIES AFTER PRESS HARDENING AND METHOD FOR MANUFACTURING THE SAME	2024/11/25
2024/08954	AUTOMOTIVE VEHICLE WITH PRESS HARDENED VISIBLE STEEL PARTS	2024/11/25
2024/09236	METHOD FOR RECYCLING POLYESTER CONTAINERS	2024/12/02
2024/09308	METHOD FOR OPERATING A DRINKS VENDING MACHINE AND ARRANGEMENT FOR OPERATING A DRINKS VENDING MACHINE	2024/12/04
2024/09360	PURIFICATION METHOD FOR PRODUCING A POLYOLEFIN REGENERATE	2024/12/02
2024/09501	CANCER COMBINATION THERAPY INCLUDING A FLT3-INHIBITOR	2024/12/10
2024/09652	CONTAINER ARRANGEMENT	2024/12/13
2024/09800	FIXED-TRACK TRANSPORT DEVICE	2024/12/18
2025/01921	CEMENTITIOUS REAGENTS, METHODS OF MANUFACTURING AND USES THEREOF	2025/02/26
2025/02661	PROBE FOR LIQUID ANALYSIS	2025/03/27
2025/02749	COMPOSITIONS AND METHODS OF INHIBITING MASP-3 FOR THE	2025/03/31

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	TREATMENT OF VARIOUS DISEASES AND DISORDERS	
2025/02751	COMPOSITIONS AND METHODS OF INHIBITING MASP-3 FOR THE TREATMENT OF VARIOUS DISEASES AND DISORDERS	2025/03/31
2025/02767	GLASS FURNACE	2025/03/31
2025/02847	DISC BRUSH-TYPE PHOTOVOLTAIC CLEANING ROBOT AND MOTION CONTROL MODE THEREOF	2025/04/02
2025/02877	ADAPTER, TOWER COMPRISING THE ADAPTER AND WIND TURBINE COMPRISING THE TOWER AND WIND FARM COMPRISING AT LEAST ONE WIND TURBINE	2025/04/03
2025/03162	HYDRAULIC LIFT ISOLATION ASSEMBLY WITH PASTE-FILLED CAVITY	2025/04/15
2025/03175	FIXTURE FOR DENTAL IMPLANT, AND IMPLANT SYSTEM COMPRISING SAME	2025/04/15
2025/03177	ELASTIC MODULE UNIT, ELASTIC PAD, AND FURNITURE	2025/04/15
2025/03204	FEEDING CONTROL SYSTEM FOR PET FEEDERS	2025/04/16
2025/03233	AN APPARATUS AND METHOD FOR USE IN GUIDING OR FACILITATING THE INSERTION OF AN ELONGATED MEDICAL DEVICE INTO ANATOMICAL OPENINGS	2025/04/16
2025/03322	A SECURING ASSEMBLY	2025/04/17
2025/03332	PREPARATION METHOD FOR POSITIVE ELECTRODE MATERIAL FOR LITHIUM-SULFUR BATTERY AND LITHIUM-SULFUR BATTERY	2025/04/21
2025/03333	HIGH-PERFORMANCE LITHIUM-SULFUR BATTERY MODIFIED SEPARATOR AND PREPARATION METHOD THEREFOR	2025/04/21
2025/03340	AUTOMATED ANALGESIA PUMP AND CONTROL METHOD THEREOF	2025/04/22
2025/03351	ANTI-INTRUSION CYLINDER LOCK	2025/04/22
2025/03365	ACCOMMODATION SHARING DEVICE USING BLOCKCHAIN, AND OPERATION METHOD THEREFOR	2025/04/22
2025/03398	METHOD OF DETECTING URANIUM ORE GRADE OF MOVING MINE CAR CAPABLE OF BEING STRIPPED OF THORIUM AND POTASSIUM RADIATION INTERFERENCE	2025/04/23
2025/03498	SEED COATING COMPOSITION	2025/04/24

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2025/03575	NOVEL PRMT5 INHIBITOR AND USE THEREOF	2025/04/25
2025/03582	VARIABLE-PITCH CONTROL METHOD AND DEVICE FOR WIND TURBINE GENERATOR SET	2025/04/25
2025/03697	A MOBILE WATER DISPENSING SYSTEM	2025/04/30
2025/03705	PAPER SHEET DISCHARGE ACCUMULATION DEVICE AND REFLUX-TYPE PAPER SHEET PROCESSING DEVICE	2025/04/30
2025/03759	USE OF (-)-EPIGALLOCATECHIN GALLATE COMPOUND	2025/05/02
2025/03760	METHOD FOR THE SYSTEMATIC SELECTIVE EXTRACTION OF SOLID MINERAL RAW MATERIALS BY MEANS OF DIRECTIONAL DRILLING TECHNOLOGY	2025/05/02
2025/03777	ROCK BOLT AND WASHER	2025/05/05
2025/03787	A UNIVERSAL SERIAL BUS KEY BASED AUTHENTICATION SYSTEM FOR ENSURING THE SECURITY OF SOCIAL MEDIA ACCOUNTS	2025/05/05
2025/03815	ASSIST DEVICE FOR EYESIGHT TEST	2025/05/06
2025/03816	AIR CONDITIONER CONDENSATE WATER COLLECTION DEVICE FOR BUILDING WATER SUPPLY AND DRAINAGE	2025/05/06
2025/03817	GENERATOR ELECTROMECHANICAL PROTECTION DEVICE FOR ELECTRICAL ENGINEERING	2025/05/06
2025/03829	AUTOMATIC CLASSIFICATION AND RECYCLING SYSTEM FOR ELECTRONIC WASTE BASED ON ARTIFICIAL INTELLIGENCE IDENTIFICATION	2025/05/06
2025/03830	SHUTTER ASSEMBLY FOR A WINDOW	2025/05/06
2025/03831	SHUTTER ASSEMBLY FOR A WINDOW	2025/05/06
2025/03859	CRRNA FOR DETECTING PENTATRICHOMONAS HOMINIS AND TRITRICHOMONAS FOETUS AND APPLICATION	2025/05/07
2025/03860	DEVICE FOR ANALYZING AERODYNAMIC FORCE DISTRIBUTION OF TRANSMISSION TOWERS	2025/05/07
2025/03861	A MULTI-SPORT BALL	2025/05/07

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2025/03863	MEDICINAL COMPOSITION FOR EXTERNAL USE	2025/05/07
2025/03870	NOVEL LIQUID ORAL FORMULATIONS OF CANNABIDIOL	2025/05/07
2025/03875	COMPENSATION SYSTEM FOR GAS SPRINGS	2025/05/07
2025/03903	A SAWING DEVICE FOR ASSEMBLING A VARIABLE DIAMETER SCREW TYPE MAIN AXIS	2025/05/08
2025/03904	AN ARM SUPPORT FOR OPERATING ROOM NURSING	2025/05/08
2025/03905	DEVICE FOR CONVERTING FUEL OIL INTO OIL-GAS FUEL USING HIGH-TEMPERATURE AIR VENTURI EJECTOR	2025/05/08
2025/03906	WIRELESS DETONATOR ASSEMBLY	2025/05/08
2025/03907	PRIMER SET FOR CYP2C19 GENE POLYMORPHISM DETECTION AND AN APPLICATION THEREOF	2025/05/08
2025/03908	A REAL-TIME SIGN LANGUAGE RECOGNITION SYSTEM USING LSTM AND MEDIAPIPE FOR GESTURE DETECTION	2025/05/08
2025/03909	AN INNOVATIVE MOBILE SAFETY SYSTEM WITH SMARTWATCH INTEGRATION FOR PERSONAL SECURITY AND WELL-BEING	2025/05/08
2025/03910	A MACHINE LEARNING AND AUGMENTED REALITY BASED AUTOMATED OPTICAL ALIGNMENT SYSTEM	2025/05/08
2025/03911	AN IOT BASED ELECTRONIC PAYMENT SYSTEM FOR SECURE AND EFFICIENT FINANCIAL TRANSACTIONS	2025/05/08
2025/03912	A SMART GLOVE FOR PARALYSIS PATIENTS	2025/05/08
2025/03913	A MACHINE LEARNING BASED FAKE SOCIAL MEDIA PROFILE DETECTION SYSTEM	2025/05/08
2025/03914	HIGH-YIELD PLANTING METHOD FOR VIRUS-FREE HEALTHY SEEDLING OF CHEWING CANE	2025/05/08
2025/03915	METHOD FOR PRODUCING HEALTHY CHEWING CANE SEEDLING	2025/05/08
2025/03916	WATER-COOLING HEAT DISSIPATION DEVICE FOR COMPUTER	2025/05/08

Application Number	Patent Title	Filing Date
2025/03917	APPARATUS FOR QUANTITATIVE ASSESSMENT OF BACTERIAL BIOFILM FORMATION ON BIOMEDICAL SURFACES	2025/05/08
2025/03918	SYSTEM FOR INTEGRATED FINANCIAL AND LEGAL RISK MANAGEMENT USING NEURO-SYMBOLIC AI AND BLOCKCHAIN-BASED COMPLIANCE INFRASTRUCTURE	2025/05/08
2025/03919	AN INTELLIGENT MEDICAL BOOTH SYSTEM WITH TELEMEDICINE AND ON-SITE MEDICAL CAPABILITIES FOR RURAL AND UNDER-SERVED AREAS	2025/05/08
2025/03920	AN ARTIFICIAL INTELLIGENCE (AI) BASED LEAF HEALTH PREDICTION SYSTEM FOR HOME GARDENING AND FARMING	2025/05/08
2025/03921	MULTI-WAVEFORM TRANSMISSION DEVICE FOR TRANSIENT ELECTROMAGNETIC METHOD	2025/05/08
2025/04612	DEVICE-CARD SEPARATION DIAGNOSIS METHOD AND SYSTEM BASED ON NETWORK ELEMENT MESSAGE, DEVICE AND MEDIUM	2025/05/29
2025/04613	AUTOMATED MANAGEMENT METHOD AND APPARATUS FOR INTERNET OF THINGS CARD, COMPUTER DEVICE, AND STORAGE MEDIUM	2025/05/29
2025/04614	VIDEO TRANSMISSION METHOD AND SYSTEM FOR NETWORK CAMERA DEVICE, AND MEDIUM	2025/05/29
2025/04755	MOBILE DUST CONTROL SYSTEM AND DEVICE	2025/06/03
2025/07396	FUSED RING COMPOUNDS	2025/09/03
2025/07397	FUSED RING COMPOUNDS	2025/09/03
2025/09537	METHOD FOR PREDICTING DYNAMIC EXPOSURE TIME OF MINE ROOF CONSIDERING STRUCTURAL CREEP OF ROCK MASS	2025/11/11
2025/09550	ARTIFICIAL INTELLIGENCE-BASED SMART DRONE DELIVERY SYSTEM USING AI MULTI-AGENT TECHNOLOGY	2025/11/11

DESIGNS

Advertisement List for January 2026

Number of Advertised Designs:46

Application Number	Design Articles	Filing Date
A2024/00794	Table Clock	2024/08/08
A2024/00795	Cufflink	2024/08/08
A2024/00796	Cufflink	2024/08/08
A2024/00797	Cufflink	2024/08/08
A2024/00958	Deodorant Stick Container and Dispenser	2024/09/26
A2024/01110	SANITARY ARTICLES	2024/10/28
A2024/01111	SANITARY ARTICLES	2024/10/28
A2024/01112	SANITARY ARTICLES	2024/10/28
A2024/01113	SANITARY ARTICLES	2024/10/28
A2024/01358	BUMPER FOR VEHICLE	2024/12/18
A2025/00373	Watch Case	2025/04/04
A2025/00374	BATTERY CONTAINERS	2025/04/04
A2025/00400	Watch	2025/04/10
A2025/00412	ELECTRIC GRILLS	2025/04/14
A2025/00413	APPLIANCES FOR PREPARING LIQUIDS	2025/04/14
A2025/00414	OVENS	2025/04/14
A2025/00423	WATCHES	2025/04/16
A2025/00424	WATCH MECHANISMS	2025/04/16
A2025/00425	AUTOMOBILES	2025/04/16
A2025/00430	A HOLDER FOR A CONTAINER	2025/04/17
A2025/00432	A HOLDER FOR A CONTAINER	2025/04/17
A2025/00439	Watch Box	2025/04/23
A2025/00448	BRUSH AND COMB DEVICES	2025/04/24
A2025/00449	BRUSH AND COMB DEVICES	2025/04/24
A2025/00450	ELECTRONIC NOTEPAD	2025/04/25
A2025/00452	Combined Shaving Cartridge and Lubricating Elements	2025/04/25
A2025/00454	Valve Actuator	2025/04/29
A2025/00455	Multiport Valve Housing	2025/04/29
A2025/00457	FLEXIBLE RUBBER SAFETY CAGE	2025/04/30
A2025/00501	NON-SLIP BOOT FOR DRINKWARE	2025/05/13
A2025/00510	TYRE	2025/05/13
A2025/00625	COOKING APPARATUS	2025/05/30
F2024/00867	Box Connector Blank	2024/09/03
F2025/00375	BATTERY CONTAINERS	2025/04/04
F2025/00379	BOTTLE	2025/04/08
F2025/00401	WASHBASIN	2025/04/11
F2025/00415	BUILDING BLOCK	2025/04/14
F2025/00427	Booster Connection Body	2025/04/17
F2025/00428	Booster Connection Assembly	2025/04/17
F2025/00431	A HOLDER FOR A CONTAINER	2025/04/17

Application Number	Design Articles	Filing Date
F2025/00433	A HOLDER FOR A CONTAINER	2025/04/17
F2025/00494	PALLET TOP CAP	2025/05/05
F2025/00508	SHARE	2025/05/13
F2025/00509	SHARE	2025/05/13
F2025/00617	SHELF	2025/05/28
F2025/00627	COOKING APPARATUS	2025/05/30

OTHER OFFICE NOTICES

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NOTICE TO CUSTOMERS TO COMPANIES AND INTELLECTUAL PROPERTY COMMISSION CUSTOMERS

2026 SCHEDULE FOR ONLINE PUBLICATION OF THE PATENT JOURNAL

Please take note of the below dates regarding XML and online submissions for purposes of publishing in the Patent Journal. Further take note of the Patent Journal publication dates.

Month	Opening dates	Cut-off dates	Journal Publication Dates
January	05-January-2026	19-January-2026	28-January-2026
February	29-January-2026	16-February-2026	25-February-2026
March	26-February-2026	16-March-2026	25-March-2026
April	26-March-2026	20-April-2026	29-April-2026
May	30-April-2026	18-May-2026	27-May 2026
June	28-May-2026	15-June-2026	24-June-2026
July	25-June-2026	20-July-2026	29-July-2026
August	30-July-2026	17-August-2026	26-August-2026
September	27-August-2026	21-September-2026	30-September-2026
October	01-October-2026	19-October 2026	28-October-2026
November	29-October-2026	16-November-2026	25-November-2026
December	26-November-2026	14-December-2026	23-December-2026
January	04-January-2027	18-January-2027	27-January-2027

The above dates may be changed without notice.

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