



Rijksdienst voor Ondernemend
Nederland

Nederland

De industriële eigendom

Inleiding

Hoofdblad

Het Blad de Industriële Eigendom verschijnt op de derde werkdag van een week. Indien Octrooicentrum Nederland op deze dag is gesloten, wordt de verschijningsdag van het blad verschoven naar de eerstvolgende werkdag, waarop Octrooicentrum Nederland is geopend. Het blad verschijnt alleen in elektronische vorm. Elk nummer van het blad bestaat uit 14 rubrieken.

Bijblad

Verschijnt vier keer per jaar (januari, april, juli, oktober) in elektronische vorm via www.rvo.nl/octrooien. Het Bijblad bevat officiële mededelingen en andere wetenswaardigheden waarmee Octrooicentrum Nederland en zijn klanten te maken hebben.

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Introduction

Patent Bulletin

The Patent Bulletin appears on the 3rd working day of each week. If the Netherlands Patent Office is closed to the public on the above mentioned day, the date of issue of the Bulletin is the first working day thereafter, on which the Office is open. Each issue of the Bulletin consists of 14 headings.

Official Journal

Appears four times a year (January, April, July, October) in electronic form on the www.rvo.nl/octrooien. The Official Journal contains announcements and other things worth knowing for the benefit of the Netherlands Patent Office and its customers.

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Rubriek MED Bevat gegevens betreffende overige mededelingen.	209Heading MED Contains data concerning other communications.	209
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Overzicht van Inid codes

INID CODES

Inid codes worden gebruikt op de voorpagina van octrooigeschriften en in octrooibulletins. Ze dienen om de verschillende bibliografische gegevens te kunnen begrijpen zonder kennis te hebben van de taal. INID is een acronym van Internationally agreed Numbers for Identification of Data. De definities van INID codes wordt gegeven in de WIPO standaard ST. 9.

- (11) Octrooinummer
- (13) Soort document volgens WIPO standaard 16
- (15) Correctie informatie
- (21) Octrooiaanvraagnummer
- (22) Datum van indiening
- (23) Datum tentoonstelling
- (25) Taal van indiening
- (26) Taal waarin de aanvraag is gepubliceerd
- (30) Voorrangsgegevens
- (31) Nummer voorrang
- (32) Datum voorrang
- (33) Land van herkomst voorrang
- (34) Oorspronkelijk land van indiening
- (40) Datum van inschrijving
- (41) Datum van inschrijving van een octrooiaanvraag
- (42) Datum van inschrijving van een onderzochte aanvraag (openbaarmaking)
- (43) Datum waarop de aanvraag ter inzage is gelegd

INID CODES

"INID" Codes are used on the front pages of patent documents and in official gazettes to identify various bibliographic data items without knowledge of the language used and the industrial property laws applied. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". The INID Codes are usually given in parenthesis adjacent to the appropriate bibliographic data item. The definitions of the INID Codes are given in WIPO Standard ST. 9 (as of November 1998) and are listed below:

- (11) Patent number
- (13) Kind of document code according to WIPO standard ST.16
- (15) Patent correction information
- (21) Application number
- (22) Date(s) of filing application(s)
- (23) Date of exhibition
- (25) Language in which the published application was originally filed
- (26) Language in which the application is published
- (30) Priority Data
- (31) Number(s) assigned to priority application(s)
- (32) Date(s) of filling of priority application(s)
- (33) WIPO Standard ST.3 Code indentifying the national patent office allotting the priority application number or the organization allotting the regional priority application number: for international applications filed under the PCT, the code "WO" is used.
- (34) For priority fillings under the regional or international arrangements, the WIPO Standard ST.3 Code indentifying at least one country party to the Paris Union for which the regional or international application was made.
- (40) Date(s) of making available to the public
- (41) Date of making available to the public by viewing, or copying on request an unexamined patent document, on which no grant has taken place on or before the said date.
- (42) Date of making available to the public by viewing, or copying on request an examined patent document, on which no grant has taken place on or before the said date.
- (43) Date of publication by printing or similar process of anexamined document on which no grant has taken place on or before said date

(44) Datum van openbaarmaking	(44) Date of publication by printing or similar process of an examined document on which no grant has taken place on or before said date
(45) Datum van kracht worden van een Europees octrooi in Nederland	(45) Date of publication by printing or similar process of a document on which no grant has taken place on or before said date
(46) Inschrijvingsdatum conclusies	(46) Date of publication by printing or similar process of the claim(s) only of a document
(47) Verleningsdatum octrooi	(47) Date from which the patent takes effect
(48) Datum waarop een verbetering van een octrooi is uitgegeven	(48) Date of issuance of a corrected patent document
(51) Internationale Octrooi classificatie	(51) International Patent Classification
(54) Korte aanduiding	(54) Title of the invention
(62) Nummer moeder aanvraag	(62) Number and, if possible, filing date of the earlier application from which the present document has been divided out
(68) Nummer basis octrooi	(68) Number of the basic patent
(71) Naam aanvrager(s)	(71) Name(s) of the applicant(s)
(72) Naam uitvinder(s)	(72) Name(s) of the inventor(s) if known to be such
(73) Naam octrooihouder(s)	(73) Name(s) of grantee(s)
(74) Naam gemachtigde	(74) Name(s) of the attorney(s) or agent(s)
(75) Naam van uitvinders die tevens aanvrager zijn	(75) Name(s) of inventor(s) who is (are) also application(s)
(81) Aangewezen landen volgens de PCT	(81) Designated States(s) according to the PCT
(83) Informatie over micro organismen	(83) Information concerning the deposit of microorganisms
(84) Aangewezen landen bij regionale octrooien	(84) Designated Contracting States under regional patent conventions
(86) Nummer van omgezette aanvraag	(86) Application number of a PCT-application or number of European patent which is converted into a national application
(87) Datum en nummer van een PCT aanvraag	(87) Publication date and number of a PCT application
(92) Certificaten: nummer en datum van de eerste nationale vergunning voor een geneesmiddel	(92) For an SPC, number and date of the first national authorization to place the product on the market as a medicinal product
(93) Datum en nummer van de eerste EU vergunning voor een geneesmiddel	(93) For an SPC, number and date and where applicable, country of origin, of the first authorization to place the product on the market as a medicinal product within a regional economic community
(94) Expiratiedatum voor een topografie	(94) Calculated date of expiry of the topography
(95) Certificaten: naam van het product	(95) Name of the product protected by the basic patent and in respect of which the SPC has been applied for or granted

Rubrieken/Headings

NP1

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(71) Institute of agricultural engineering, Jiangxi Academy of Agricultural Sciences	(74) dr. T. Wittop Koning PhD	Shiming Meng
(74) dr. T. Wittop Koning PhD	(72) Mi Li	Xianwu Meng
(72) Licai Chen	Wan Deng	(31) 202111087358.9
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Yanqi Wu	Jinxiu Yu	(33) China
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(71) Institute of agricultural engineering, Jiangxi Academy of Agricultural Sciences	(71) Yunnan Research Academy of Eco-environmental Sciences	(51) A01K 35/00
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(72) Yu Liao	(72) Zhiyun Wang	(22) 11.05.2022
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(71) Hainan Academy of Ocean and Fisheries Sciences	Guiwei Li Zhongqiu Li	(71) SLEEP ON IT BV (74) dr. ir. G.J.C. Verdijck c.s.
(74) ir. M.B. Plaggenborg	Yanzhong Feng	(72) Stijn Neuteleers
(72) Wei Tan	Heshu Chen	(31) 2022/5400 (32) 24.05.2022 (33) Belgium
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(31) 20211115918.7	(71) I-nvention B.V.	(71) FUWAI HOSPITAL, CAMS & PUMC FUWAI YUNNAN CARDIOVASCULAR HOSPITAL
(32) 23.09.2021	(72) Menno Contant	
(33) China	(41) 27.03.2023	
(51) A01M 1/18		
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(41) 23.03.2023	Yunhui Xu	(54) A Therapeutic Device for Orthopedic Spinal Injury Repair
(51) A23C 9/142	Shuangyuan Xu	(71) Xi'an Honghui Hospital (Xi'an Institute of Orthopedics)
A23C 9/123	Muwei Zhu	(74) dr. A.V. Huygens
(21) 2029207	Zaixue Wang	(72) Dingjun Hao
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(51) A23K 10/30	(41) 24.03.2023	(51) A61M 29/02
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(21) 2030475	(22) 16.09.2021	(54) Sacculus Expander Device for Endoscopic Urological Surgery
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	(41) 24.03.2023	Zhigang Ji
(71) Institute of Animal Husbandry, Heilongjiang Academy of Agricultural Sciences	(51) A47C 7/14	Zhongming Huang
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	A61G 5/12	(32) 20.02.2023
(74) dr. T. Wittop Koning PhD	A47C 7/22	(33) China
(72) Xiaolong Yu	A47C 7/28	
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(71) Anhui University of Science and Technology	(51) B07B 1/24 B07B 15/00	(41) 22.03.2023
(74) drs. P.A. van Essen c.s.	(21) 2032953	(51) B29C 65/36
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(41) 24.03.2023	Zhiming Wang	Maarten Labordus
(51) A63F 13/21	Zhao Ding	(41) 24.03.2023
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(21) 2033010	(31) 202111084533.9	B23K 26/342
(22) 13.09.2022	(32) 16.09.2021	B22F 10/85
(54) Wireless dance mat, base device and method of communication	(33) China	(21) 2031936
(71) L-TEK SPÓLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA	(51) B09C 1/00	(22) 19.05.2022
(74) ir. W.J.J.M. Kempes	(21) 2034257	(54) PATH DEVELOPMENT METHOD FOR MULTI-PASS LINEAR CLADDING ON CURVED SURFACE
(72) Katarzyna Krupnik	(22) 02.03.2023	(71) Jinhua Polytechnic
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Piotr Chmiel	(71) DALIAN MARITIME UNIVERSITY	(72) Yuan Chen
(31) P.438937	(74) dr. R.C. van Duijvenbode c.s.	Qianlei Jiang
(32) 13.09.2021	(72) Zhaowei Wang	Yuecheng Hu
(33) Poland	(31) 2022114452649	Xu Chu
(51) B01J 49/53	(32) 18.11.2022	Xiaohong Yang
B01J 47/028	(33) China	(31) 202111116042.8
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(21) 2032499	(22) 24.04.2022	(51) B44C 5/04
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(54) METHOD FOR REMOVING INORGANIC SALT IN MANNOSE MOTHER SOLUTION BY USING ION RESIN	(71) Haixi (Fujian) Institute, China Academy of Machinery Science & Technology Group	(22) 20.09.2021
(71) Syngars Technology Co., Ltd.	(74) dr. T. Wittop Koning PhD	(54) PLASTER SUPPORT SYSTEM USED FOR ANCIENT WALL PAINTING REPRODUCTION AND PREPARATION METHOD
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(72) Honghui Chen	Chao Jiang	NORTHWESTERN POLYTECHNICAL UNIVERSITY
Liqun Jiang	Wen Zhan	(74) ir. W.J.J.M. Kempes
Jinfa Fang	Fuhua Yu	(72) Jing Yan
Wei Zheng	Hongrong Lin	Xichen Zhao
(31) 202111081916.0	Yuan Gao	Xuanhua Li
(32) 15.09.2021	Fengqiang Huang	Zhenzhen Ma
(33) China	Xiufang Zheng	Yuanyuan Zhang
(51) B05B 3/02	He Lv	Yane Xi
A61M 15/00	(41) 22.03.2023	(41) 27.03.2023
B05B 7/00	(51) B23Q 1/38	(51) B60N 2/90
B05B 1/08	B23Q 17/00	B60N 2/62
B05B 3/14	(21) 2031688	(21) 2032215
B05B 3/10	(22) 24.04.2022	(22) 17.06.2022
(21) 1044156	(54) DEVICE AND METHOD FOR TESTING GUIDING PRECISION OF HYDROSTATIC GUIDE RAIL PAIR UNDER ACTUAL WORKING CONDITION	(54) Thigh support for a driver's or passenger seat of a car
(22) 16.09.2021	(71) Haixi (Fujian) Institute, China Academy of Machinery Science & Technology Group	(71) Bike Basics GmbH
(54) Vernevelaar	(74) dr. T. Wittop Koning PhD	(74) ir. G.J.M. Verhees
(71) Demto B.V.	(72) Yuan Gao	(72) Gerrit Gaastra
(74) drs. O. Griebing	Songhai Xue	(41) 28.03.2023
(72) Nanning Cornelus Schermers	Chao Jiang	(51) B60R 9/06
(41) 24.03.2023	Fuhua Yu	(21) 1044157
(51) B05B 11/00	Jiajing Lin	(22) 17.09.2021
(21) 2029181	Wenzhi Liu	(54) Inrichting voor bevestiging van een rollator aan een voertuig zoals een scootmobiel
(22) 13.09.2021	Hongrong Lin	(71) Ivo Savelberg
(54) ENGINE FOR A LIQUID DISPENSING DEVICE AND LIQUID DISPENSING DEVICE INCLUDING SUCH ENGINE	Hengfeng Zhu	(72) Ivo Savelberg
(71) Dispensing Technologies B.V.		
(74) dr. ir. G.J.C. Verdijck c.s.		
(72) Paulo Nervo		
Lukas Jacob Willem van den Heuvel		
(41) 23.03.2023		

- (41) 24.03.2023
 (51) B61B 13/10
 B61B 1/00
 (21) 2029188
 (22) 16.09.2021
 (54) Loading and unloading of a payload in a low-pressure transportation system
 (71) Hardt IP B.V.
 (74) ir. H.A. Witmans c.s.
 (72) José Eduardo Sánchez Pérez
 André van der Lingen
 Martijn Paul van Hoorn
- (41) 24.03.2023
 (51) B62J 1/16
 B62J 1/14
 (21) 2033110
 (22) 22.09.2022
 (54) ADDITIONAL SEAT STRUCTURE FOR ELECTRIC BICYCLES
 (71) Cesar Augusto De Mello Rippel
 (74) dr. R.C. van Duijvenbode c.s.
 (72) Cesar Augusto De Mello Rippel
 (31) 1020210189533
 (32) 23.09.2021
 (33) Brazil
- (51) B63B 1/18
 B63B 1/24
 B63B 1/28
 B63B 1/30
 B63B 39/06
 (21) 2029177
 (22) 13.09.2021
 (54) Planing boat comprising a supporting hydrofoil with an asymmetric hydrofoil section
 (71) EXCELLENT NAVAL ARCHITECTURE B.V.
 (74) ir. A. Blokland c.s.
 (72) Niels Moerke
 (41) 23.03.2023
- (51) B63B 27/34
 B63H 25/42
 (21) 2031196
 (22) 09.03.2022
 (54) DYNAMIC POSITIONING METHOD OF CRUDE OIL TRANSPORTATION SYSTEM BASED ON CRUDE OIL TRANSFER BARGE
 (71) COSCO SHIPPING (QIDONG) OFFSHORE CO., LTD.
 GUANGDONG UNIVERSITY OF TECHNOLOGY
 COSCO SHIPPING SHIPYARD (NANTONG) CO., LTD.
 (74) dr. T. Wittop Koning PhD
 (72) Zhengang Wang
 Xuquan Ding
 Arne Smeda
 Hua Lu
 Rong Li
 Haijun Tang
 Chengen Wu
 Dapeng Zou
 Yifeng Zhu
 Chunlin Zhang
 Yongkang Zhang
 Jiaping Wan
 (31) 202111077094.9
- (32) 15.09.2021
 (33) China
- (51) B64C 27/467
 B64C 9/08
 B64C 3/50
 (21) 2029203
 (22) 17.09.2021
 (54) ACTUATION DEVICE FOR ACTUATING A HIGH-LIFT DEVICE OF A ROTOR BLADE
 (71) Technische Universiteit Delft
 (74) dr. ir. G.J.C. Verdijck c.s.
 (72) Yasir Zahoor
 Jurij Sodja
 Mark Voskuijl
 Roeland de Breuker
- (41) 24.03.2023
 (51) B65D 1/22
 (21) 1044155
 (22) 14.09.2021
 (54) Bierkrat voorzien van flesopener
 (71) René Charles Henriët
 (72) René Charles Henriët
 (41) 23.03.2023
- (51) B65H 20/02
 B65G 13/071
 (21) 2029170
 (22) 10.09.2021
 (54) Shrink conveyor and method for allowing shrink in a continuous strip
 (71) VMI Holland B.V.
 (74) ir. F.A. Geurts c.s.
 (72) Willem Marinus van Beek
 (41) 23.03.2023
- (51) C01B 32/198
 C09C 3/08
 C09D 163/00
 C09D 5/08
 (21) 2032198
 (22) 17.06.2022
 (54) MODIFIED GRAPHENE OXIDE, WATERBORNE ANTICORROSIVE PAINT AND PREPARATION METHOD THEREOF
 (71) Hebei University of Science & Technology
 (74) ir. M.B. Plaggenborg
 (72) Erjun Tang
 Wenhui Sun
 Miao Yuan
 Na Hu
 Xiaodong Pan
 Jing li
 Shaojie Liu
 Xiaofeng Guo
 Xiaomeng Chu
 Xuteng Xing
 (41) 27.03.2023
 (31) 202111101474.1
 (32) 18.09.2021
 (33) China
- (51) C02F 1/28
 B01J 20/02
 (21) 2030657
 (22) 23.01.2022
 (54) Adsorbent, preparation method and application thereof
- (71) Hebei University of Science and Technology
 Qiaoxi Sewage Treatment Plant of Shijiazhuang Sewage Treatment Co., Ltd
 dr. T. Wittop Koning PhD
 (74) Yulong Wang
 Ya Sheng
 Yanfang Liu
 Wei Gao
 Tao Li
 Linsong Shi
 Rui Liu
 Zaixing Li
 Wei Li
 Na Lu
 Ce Bian
 (31) 202111084493.8
 (32) 16.09.2021
 (33) China
- (51) C02F 3/00
 (21) 2032436
 (22) 09.07.2022
 (54) BIOFILM CULTIVATION DEVICE TAKING MICRO-PLASTICS AS SUBSTRATES AND USED IN ENVIRONMENTAL WATER BODY
 (71) Northeast Normal University
 (74) dr. T. Wittop Koning PhD
 (72) Zhichao Zhu
 Kun Qi
 Jiunian Guan
 Nan Lu
 Zirui Wang
 Xu Cao
 (41) 28.03.2023
- (51) C02F 9/14
 (21) 2032865
 (22) 28.08.2022
 (54) BAFFLED WATER DISTRIBUTION CHANNEL FOR PURIFICATION OF RIVER WATER QUALITY
 (71) Yunnan Research Academy of Eco-environmental Sciences
 (74) dr. T. Wittop Koning PhD
 (72) Zhiyun Wang
 Yihui Chen
 Zhiwei Tan
 Bifei Sun
 Wei Jiang
 Jie Li
 (41) 28.03.2023
- (51) C04B 20/10
 C04B 14/02
 (21) 2031134
 (22) 02.03.2022
 (54) A Phononic - Like Crystal Concrete Metamaterial and Vibration Reduction Design Method
 (71) Southeast China University
 (74) dr. T. Wittop Koning PhD
 (72) Zhendong Qian
 Ting Wang
 Caigao She
 Linchang Miao
 Lijian Lei
 (41) 22.03.2023
- (51) C05F 9/00
 (21) 2034244

- (22) 01.03.2023
(54) PREPARATION METHOD OF KITCHEN WASTE CARBON-BASED COMPLEX ENZYME BIOLOGICAL BACTERIAL FERTILIZER
(71) Zhonghuan Yimei Environmental Technology (Zhejiang) Co., Ltd Shenzhen Research Institute of Northwestern Polytechnical University
(74) ir. M.B. Plaggenborg
(72) Bin Xie
Sihai Hu
Ran Sun
Jialue Cai
Haocheng Yang
Xiaofeng Sun
Yaoguo Wu
Qingqing Kong
Tao Yang
-
- (51) C05G 1/00
C05G 3/00
(21) 2034243
(22) 01.03.2023
(54) ALBIC SOIL IMPROVE AND FERTILIZING PACKAGE FERTILIZE AND PREPARATION METHOD THEREOF
(71) Institute of Applied Ecology.Chinese Academy of Sciences
(74) ir. M.B. Plaggenborg
(72) Zhanbo Wei
Yuanliang Shi
Lingli Wang
Zhijie Wu
Lili Zhang
-
- (51) C05G 3/90
(21) 2030300
(22) 26.12.2021
(54) NITRIFICATION INHIBITOR PROTECTING AGENT AND APPLICATION THEREOF
(71) Institute of Applied Ecology, Chinese Academy of Sciences
(74) dr. T. Wittop Koning PhD
(72) Zhijie Wu
Ping Gong
Lili Zhang
(31) 202111063636.7
(32) 10.09.2021
(33) China
-
- (51) C07C 31/20
C07C 7/04
(21) 2032967
(22) 06.09.2022
(54) RECOVERING MONO-PROPYLENE GLYCOL BY USING A DISTILLATION SOLVENT
(71) UPM-Kymmene Corporation
(74) dr. ir. G.J.C. Verdijck c.s.
(72) Isko Kajanto
(31) 20215984
(32) 20.09.2021
(33) Finland
-
- (51) C08B 37/00
C08L 5/00
C09J 105/00
C08G 63/46
C08L 67/04
- (21) 2029164
(22) 09.09.2021
(54) Modification of biopolymers using polyols and polyacids
(71) Technische Universiteit Delft
(74) drs. P.A. van Essen c.s.
(72) Stephen James Picken
Jure Zlopasa
Robbert Aad George Binneveld
Willem Otto Julius Böttger
(41) 23.03.2023
(51) C08L 27/16
C08L 27/18
(21) 2032882
(22) 29.08.2022
(54) POLYMER BLENDS FOR USE IN WELLBORE APPLICATIONS
(71) Halliburton Energy Services, Inc.
(74) dr. ir. F.M. van Bouwelen
(72) Shashwat Shukla
Arpana Singh
Sandeep Thatahil
(31) 17/474,592
(32) 14.09.2021
(33) United States of America
-
- (51) C08L 95/00
(21) 2032120
(22) 10.06.2022
(54) High-performance graphene modified asphalt and a preparation method thereof
(71) Chongqing Jiaotong University
(74) dr. T. Wittop Koning PhD
(72) Xia Zhang
Junxi He
Yan Li
Tao Yang
Yifeng Huang
Chao Zhou
Manman Feng
Gang Huang
Chuncheng Lv
Zutang Zhang
(41) 23.03.2023
(51) C09B 23/04
C09B 57/00
G01N 33/50
(21) 2032434
(22) 08.07.2022
(54) NEAR-INFRARED FLUORESCENT PROBE AND PREPARATION METHOD AND APPLICATION THEREOF
(71) Shandong First Medical University & Shandong Academy of Medical Sciences
(74) dr. T. Wittop Koning PhD
(72) Shili Shen
Xiaoqun Cao
Sheng Wang
(41) 28.03.2023
(51) C09D 5/14
C09D 7/61
C09D 143/04
(21) 2032423
(22) 07.07.2022
(54) NEGATIVE ION ANTI-MOSQUITO INTERIOR WALL COATING AND PREPARATION METHOD THEREOF
(71) SHANDONG ANRAN NANOMETER INDUSTRY DEVELOPMENT CO., LTD
- (74) ir. M.B. Plaggenborg
(72) Baoqing Wang
Jianfei Zhang
Hao Liang
Wenli Zhang
(31) 202111102901.8
(32) 22.09.2021
(33) China
-
- (51) C09D 7/61
F16B 2/00
F03D 13/20
C09J 11/04
B32B 7/08
C09D 5/03
(21) 2029175
(22) 13.09.2021
(54) CLAMP COUPLING, PLATE METAL STRUCTURE AND METHOD OF COUPLING STRUCTURAL COMPONENTS
(71) Van Merksteijn Real Estate B.V.
(74) dr. ir. G.J.C. Verdijck c.s.
(72) Jacobus Lambertus van Merksteijn
(41) 23.03.2023
-
- (51) C10M 103/06
(21) 2033012
(22) 13.09.2022
(54) METHOD FOR PREPARING HIGH-TEMPERATURE LUBRICANT FOR STEEL FORMING BY TAKING BLAST FURNACE SLAG AS RAW MATERIAL
(71) Northwestern Polytechnical University
(74) ir. M.B. Plaggenborg
(72) Long Wang
Pei Wang
Shaogang Cui
Daheng Wu
Ti'ao Kai
Haifeng Wang
Guojuan Hai
(31) 202111083045.6
(32) 15.09.2021
(33) China
-
- (51) C12Q 1/6806
C12Q 1/6883
C12Q 1/70
(21) 2029206
(22) 20.09.2021
(54) Werkwijze voor het testen van personen op aanwezigheid van het virus SARS-CoV2
(71) 2Wave Diagnostics BV
(74) ir. G.J.M. Verhees
(72) Jozef Peter Henricus Schoeber
Anna Johanna Maria Loonen
Aldo Boon
Fransiscus Martinus Johannes van der Zanden
(41) 27.03.2023
-
- (51) C23C 14/06
(21) 2031716
(22) 27.04.2022
(54) Preparation Method of Solar Energy Efficient Absorption Composite Material Coated With TiN/TiSiN/SiN Film Coating
(71) Henan University of Urban Construction
(74) dr. T. Wittop Koning PhD
(72) Chaoyong Wang

Peifang Ma	Yingdi Zhang	(32) 18.10.2022
Yabing Du	Zhi Cheng	(33) China
Wei Li	(41) 22.03.2023	(51) E21B 17/042
Zhaofeng Dong	(51) E03F 1/00	(21) 2032536
Renqi Zhang	(21) 2031575	(22) 18.07.2022
Xupeiz Zhao	(22) 14.04.2022	(54) EXPANDABLE METAL FOR JUNCTION
Kunjie Duan	(54) FOLDABLE RAINWATER BOX	LOCKING AND JUNCTION SEALANT
Yanbin Li	(71) Pipelife Nederland B.V.	APPLICATIONS
Guoyou Yin	(74) dr. R.C. van Duijvenbode c.s.	(71) Halliburton Energy Services, Inc.
(41) 22.03.2023	(72) Michael Lechner	(74) dr. ir. F.M. van Bouwelen
(51) D01F 1/10	Matthias Schäfer	(72) Chad William Glaesman
D04H 1/4326	Hielke Dolf Hoekstra	Karthik Krishnan
D04H 1/728	Michael Adrianus Jacobus Schouten	Michael Linley Fripp
D01D 5/00	Ulrich Bohle	(31) PCT/US21/51254
(21) 2029146	(31) 2029173	17/480,378
(22) 08.09.2021	(32) 10.09.2021	(32) 21.09.2021
(54) 3D Bacteriostatic Absorbent Aerogel	(33) Netherlands	21.09.2021
for Pallet Package of Chilled Meat and	(51) E04F 13/08	(33) United States of America
Preparation Method and Application	E04F 15/10	United States of America
Thereof	E04F 13/18	(51) E21B 41/00
(71) Northeast Agricultural University	E04F 15/02	(21) 2029155
(74) V. Mellet	(21) 2029176	(22) 09.09.2021
(72) Jianchun Han	(22) 13.09.2021	(54) Werkwijze en inrichting voor het
Xin Lin	(54) Panel and method for producing a panel	detecteren van operaties
Fangda Sun	(71) CHAMPION LINK INTERNATIONAL	(71) HELIN IP B.V.
Baohua Kong	CORPORATION	(74) ir. H.Th. van den Heuvel c.s.
Qian Liu	(74) ir. H.Th. van den Heuvel c.s.	(72) Bram Masselink
Dong Yu	(72) Thomas Luc Martine Baert	(41) 23.03.2023
(41) 22.03.2023	Sven Boon	(51) F01N 3/20
(51) E01C 13/08	Tom van Poyer	F01N 3/02
E04H 17/16	(41) 23.03.2023	(21) 2029161
(21) 2034029	(51) E04F 21/22	(22) 09.09.2021
(22) 27.01.2023	(21) 1044154	(54) An exhaust after treatment assembly.
(54) AFSCHIEDINGSINRICHTING	(22) 10.09.2021	(71) DAF Trucks N.V.
VOOR PLAATSING RONDOM EEN	(54) TILING DEVICE	(74) ir. H.A. Witmans c.s.
KUNSTGRASVELD OMVATTENDE	(71) TGLSI B.V.	(72) Dirk-Jan de Jong
INSTROOIMATERIAAL	(72) Raynaud Mignot	(41) 23.03.2023
(71) SKOR B.V.	(41) 23.03.2023	(51) F03D 13/10
(74) drs. C.H. Mink-Lindenburg	(51) E04G 21/32	B63B 35/44
(72) Marcel Schorn	B65D 30/00	B66C 23/20
Alex Zuidberg	(21) 2029157	F03D 13/25
(51) E01D 19/00	(22) 09.09.2021	(21) 2029205
(21) 2031612	(54) Safety system for providing fall protection	(22) 17.09.2021
(22) 18.04.2022	for an object mounted to a structure at	(54) INSTALLATION AND/OR REMOVAL
(54) Construction Method Suitable for Long-	height	OF A WIND TURBINE COMPONENT
span Arch Bridge Foundation	(71) LFA Westerbeek van Eerten Pensioen	FOR A FLOATING FOUNDATION WIND
(71) GUANGXI UNIVERSITY	B.V.	TURBINE.
(74) dr. T. Wittop Koning PhD	(74) dr. ir. G.J.C. Verdijk c.s.	(71) Itrec B.V.
(72) Guoxiong Mei	(72) David Constantijn Westerbeek van	(74) ir. J.C. Volmer c.s.
Decai Mi	Eerten	(72) Cornelis Martinus van Veluw
Jielian Zheng	Maurits Frederik Westerbeek van Eerten	Jeroen Dijkstra
Zhen Zhang	(41) 23.03.2023	(41) 24.03.2023
Degeng Huang	(51) E04H 9/16	(51) F04B 1/29
(41) 23.03.2023	B32B 27/40	F04B 1/32
(51) E02B 1/02	B32B 27/36	F16C 11/06
G01M 10/00	B32B 27/42	(21) 2029186
(21) 2031013	(21) 2033839	(22) 15.09.2021
(22) 18.02.2022	(22) 27.12.2022	(54) Compliant closed cell universal joint
(54) Measuring Device for Wave Dissipation	(54) REUSABLE SNOW STORAGE AND	(71) Technische Universiteit Delft
Performance of Arc Wall Comb-type	COVERAGE MATERIAL	(74) drs. P.A. van Essen c.s.
Permeable Breakwater in Experimental	(71) Northwest Institute of Eco-Environment	(72) Joep Peter Abram Nijssen
Tank	and Resources, CAS	Ronald Adrianus Johannes van Ostayen
(71) Ludong University	(74) drs. C.M.A. Quintelier	Dave Sonneveld
(74) dr. T. Wittop Koning PhD	(72) Feiteng Wang	(41) 23.03.2023
(72) Zhen Yu	Xiaoying Yue	(51) F16H 55/00
Qing Wang	Ping Zhou	H01Q 3/04
Xueyan Li	(31) 202211270269.2	(21) 2029152
Yujie Meng		

(22) 08.09.2021	Yuling He	(22) 14.09.2021
(54) Adjustment mechanism for adjusting two adjustment members relative to each other	Huan Lei	(54) Printerinrichting, decryptie-inrichting en toegangsinrichting
(71) MCI (Mirror Controls International) Netherlands B.V.	Mingxing Xu	(71) INEPRO Group B.V.
(74) ir. H.A. Witmans c.s.	(41) 23.03.2023	(74) drs. A.A. Jilderda
(72) Stefan Fritz Brouwer	(51) G01S 13/88	(72) Jelle van den Berg
Teunis Hendrik Heikoop	(21) 2032819	Hendrikus Franciscus Johannes Groen
(41) 22.03.2023	(22) 23.08.2022	(41) 23.03.2023
(51) F24S 25/30	(54) RADAR APPARATUS, SYSTEM, AND METHOD	(51) G06F 9/50
F24S 25/634	(71) Intel Corporation	(21) 2032812
F24S 25/70	(74) dr. A. Krebs	(22) 22.08.2022
H02S 20/23	(72) Merav Sicron	(54) RESOURCE MANAGEMENT CONTROLLER
F24S 25/00	Ophir Shabtay	(71) Intel Corporation
F24S 25/60	Oren Shalita	(74) dr. A. Krebs
(21) 2029183	Thushara Hewavithana	(72) Shirish Bahirat
(22) 14.09.2021	Yuval Amizur	Anand Ramalingam
(54) Combinatie van klem en profielbalk	Leor Banin	Anjaneya Reddy Chagam Reddy
(71) KWWWS B.V.	(31) PCT/US2021/051721	(31) 17/481,940
(72) Ruben Jurg	(32) 23.09.2021	(32) 22.09.2021
(51) G01D 18/00	(33) United States of America	(33) United States of America
(21) 2031261	(51) G02B 5/30	(51) G06F 16/28
(22) 11.03.2022	G02B 1/08	(21) 2032844
(54) MEMS SENSOR CALIBRATION DEVICE	(21) 2029163	(22) 24.08.2022
(71) Wenzhou University	(22) 09.09.2021	(54) SYSTEMS, APPARATUS, ARTICLES OF MANUFACTURE, AND METHODS FOR CROSS TRAINING AND COLLABORATIVE ARTIFICIAL INTELLIGENCE FOR PROACTIVE DATA MANAGEMENT AND ANALYTICS
(74) ir. M.B. Plaggenborg	(54) Polarizing light filter	(71) Intel Corporation
(72) Qizhe Lin	(71) Lanckhorst Touwfabrieken B.V.	(74) dr. A. Krebs
(31) 202111096021.4	(74) ir. H.A. Witmans c.s.	(72) Shane Dewing
(32) 18.09.2021	(72) Fernando Andres Eblagon	Stanley T. Mo
(33) China	Rui Francisco de Neiva Moura Bastos	Rita Wouhaybi
(51) G01J 3/02	(41) 23.03.2023	Eve Schooler
G01N 21/31	(51) G03B 15/05	Christopher A. Timmins
(21) 2029194	(21) 2032655	Samudyatha C. Kaira
(22) 16.09.2021	(22) 01.08.2022	Greeshma Pisharody
(54) Modular housing for a spectrometer	(54) LIGHT SOURCE MODULE WITH ADAPTIVE ILLUMINATION	Hassnaa Moustafa
(71) MantiSpectra B.V.	(71) Apple Inc.	(31) PCT/US2021/065156
(74) ir. A. Blokland c.s.	(74) ir. A.R. Aalbers	63/248,312
(72) Maurangelo Petruzzella	(72) Angelo M. Alaimo	(32) 23.12.2021
Francesco Maria Pagliano	Blake M. Coughenour	24.09.2021
(41) 24.03.2023	Bryan Dang	(33) United States of America
(51) G01N 33/569	Katherine J. Armstrong	United States of America
(21) 2031558	Florian R. Fournier	(51) G06F 21/55
(22) 12.04.2022	(31) 63/247,702	(21) 2032846
(54) APPLICATION OF PAP PROTEIN ANTIBODY IN PREPARING DETECTION KIT FOR THE EARLY STAGE OF CITRUS HUANGLONGBING INFECTION	17/851,294	(22) 24.08.2022
(71) Institute of Tropical Bioscience and Biotechnology, Chinese Academy of Tropical Agricultural Sciences	(32) 23.09.2021	(54) RE-TRAINING INTRUSION DETECTION FINGERPRINTS IN THE PRESENCE OF AN ATTACKER
(74) dr. T. Wittop Koning PhD	28.06.2022	(71) Intel Corporation
(72) Naitong Yu	(33) United States of America	(74) dr. A. Krebs
(41) 23.03.2023	United States of America	(72) Manoj Sastry
(51) G01R 31/34	(51) G03F 7/20	Vuk Lesi
G01R 19/00	(21) 2031640	Shabbir Ahmed
(21) 2031482	(22) 20.04.2022	Marcio Juliato
(22) 03.04.2022	(54) MAGNETIC SUSPENSION TYPE MASK STAGE OF LITHOGRAPHY MACHINE	Qian Wang
(54) DEVICE FOR MEASURING SHAFT VOLTAGE OF GENERATOR, MEASURING METHOD AND APPLICATION	(71) HARBIN INSTITUTE OF TECHNOLOGY	(31) 17/484,689
(71) NORTH CHINA ELECTRIC POWER UNIVERSITY (BAODING)	(74) ir. W.J.J.M. Kempes	(32) 24.09.2021
(74) dr. T. Wittop Koning PhD	(72) Changqi Li	(33) United States of America
(72) Yang Wang	Jian Zheng	(51) G06F 21/55
	Jiyao Wang	G06F 21/75
	Pengyue Zhao	(21) 2032843
	Weiwei Wei	(22) 24.08.2022
	Jianwei Wu	(54) GLITCH ATTACK MITIGATION FOR IN-VEHICLE NETWORKS
	Jiubin Tan	
	(31) 202111110519.1	
	(32) 22.09.2021	
	(33) China	
	(51) G06F 3/12	
	(21) 2029184	

(71) Intel Corporation	(54) MULTI-DEGREE-OF-FREEDOM	Dave Cavalcanti
(74) dr. A. Krebs	ANIMAL CENTRIFUGE WITH FOUR	Manoj Sastry
(72) Christopher Gutierrez	ROTATING ARMS	Vuk Lesi
Vuk Lesi	(71) Air Force Medical University of People's	(31) 17/484,330
Shabbir Ahmed	Liberation Army	(32) 24.09.2021
Manoj Sastry	(74) ir. W.J.J.M. Kempes	(33) United States of America
Marcio Juliato	(72) Fei Shi	(51) H04L 9/40
Qian Wang	Shu Zhang	(21) 2032818
(31) 17/484,627	Zebing Hu	(22) 23.08.2022
(32) 24.09.2021	Haobin Zhou	(54) DETECTING CLOCK
(33) United States of America	Feng Gao	SYNCHRONIZATION ATTACKS IN TIME
(51) G06F 21/60	Yuan Gao	SENSITIVE NETWORKS USING KEY
(21) 2033097	Jiangdong Zhao	PERFORMANCE INDICATORS
(22) 21.09.2022	Quan Sun	(71) Intel Corporation
(54) METHOD FOR REMOTELY	Tong Xue	(74) dr. A. Krebs
MONITORING HOST BASED ON	(31) 202111079077.9	(72) Mikhail Galeev
CHIP-LEVEL PRIVACY-PRESERVING	(32) 15.09.2021	Christopher Gutierrez
COMPUTATION (PPC)	(33) China	Marcio Juliato
(71) NANHU LABORATORY	(51) G16H 50/80	Vuk Lesi
(74) drs. A.A. Jilderda	G16H 40/63	Manoj Sastry
(72) Feng Sha	G16H 40/67	Kevin Stanton
Lei Zhang	(21) 1044153	Dave Cavalcanti
Hao Liu	(22) 10.09.2021	Javier Perez-Ramirez
Peng Gou	(54) Een systeem dat de verspreiding van	(31) 17/483,723
Panpan Tang	een virus kan beheersen en mogelijk	(32) 23.09.2021
Jiachun Liao	in omvang kan beperken danwel een	(33) United States of America
(31) 202111104191.2	uitbraak kan voorkomen. Een en ander	(51) H04L 9/40
(32) 22.09.2021	met behoud van een nagenoeg goed	G06F 21/55
(33) China	functionerende maatschappij.	(21) 2032769
(51) G06F 21/60	(71) Egbert Veen	(22) 17.08.2022
G06F 21/35	(72) Egbert Veen	(54) ATTACKER LOCALIZATION BASED ON
G06F 21/85	(51) H01J 37/26	TRACKING ANOMALY PROPAGATION
(21) 2029185	H01J 37/28	IN TIME-SENSITIVE NETWORKING
(22) 14.09.2021	(21) 2033047	(71) Intel Corporation
(54) Uitgifte-inrichting, decryptie-inrichting en	(22) 15.09.2022	(74) dr. A. Krebs
toegangsinrichting	(54) Method for operating a multi-beam	(72) Manoj Sastry
(71) INEPRO Group B.V.	particle microscope in a contrast	Marcio Juliato
(74) drs. A.A. Jilderda	operating mode with defocused beam	Javier Perez-Ramirez
(72) Jelle van den Berg	guiding, computer program product and	Vuk Lesi
Hendrikus Franciscus Johannes Groen	multi-beam particle microscope	Dave Cavalcanti
(41) 23.03.2023	(71) Carl Zeiss MultiSEM GmbH	Christopher Gutierrez
(51) G06Q 10/08	(74) ir. H.A. Witmans c.s.	Qian Wang
G06Q 30/00	(72) Stefan Schubert	Shabbir Ahmed
(21) 1044149	(31) 10 2021 124 099.9	(31) 17/484,197
(22) 08.09.2021	(32) 17.09.2021	(32) 24.09.2021
(54) Werkwijze voor het door middel van een	(33) Germany	(33) United States of America
terminal uitwisselen van informatie over	(51) H02S 20/23	(51) H04L 43/20
een door een gebruiker in bezit zijnd	F24S 25/60	H04W 24/04
product	F24S 25/613	(21) 2032817
(71) Silk Road B.V.	(21) 2029180	(22) 23.08.2022
(72) Ruud Diterwich	(22) 13.09.2021	(54) CROSS-LAYER AUTOMATED
(41) 22.03.2023	(54) Dakpanhaak	FAULT TRACKING AND ANOMALY
(51) G08B 13/196	(71) KWW S B.V.	DETECTION
G08B 29/18	(72) Ruben Jurg	(71) Intel Corporation
(21) 2029156	(51) H04L 9/06	(74) dr. A. Krebs
(22) 09.09.2021	(21) 2032845	(72) Christian Maciocco
(54) Werkwijze en inrichting voor het	(22) 24.08.2022	Maruti Gupta Hyde
reduceren van vals gedetecteerde	(54) DETECTING CLOCK	Yi Zhang
alarmen op een boorplatform	SYNCHRONIZATION ATTACKS	Alexander Bachmutsky
(71) HELIN IP B.V.	WITH PSEUDO-RANDOMIZATION	S. M. Iftekhharul Alam
(74) ir. H.Th. van den Heuvel c.s.	OF FRAMES IN THE PROTECTED	Kshitij Arun Doshi
(72) Bram Masselink	WINDOW	Satish Chandra Jha
(41) 23.03.2023	(71) Intel Corporation	Nageen Himayat
(51) A01K 29/00	(74) dr. A. Krebs	Ravikumar Balakrishnan
(21) 2032752	(72) Marcio Juliato	Vesh Raj Sharma Banjade
(22) 15.08.2022	Javier Perez-Ramirez	Amar Srivastava
	Christopher Gutierrez	Srikathyayani Srikanteswara
	Mikhail Galeev	Francesc Guim Bernat

(31) 17/483,285
(32) 23.09.2021
(33) United States of America

(51) H04W 12/08
(21) 2032756
(22) 16.08.2022
(54) RANDOM ACCESS CHANNEL
SECURITY
(71) Intel Corporation
(74) dr. A. Krebs
(72) Rath Vannithamby
Christian Maciocco
Kathiravetpillai Sivanesan
Liuyang Lily Yang
(31) 17/482,883
(32) 23.09.2021
(33) United States of America

NP2

**Ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.
Contains data concerning Netherlands patents which have been entered in the patent
register under the Patents Act 1995.**

(51) A01C 11/02 (11) 1044167 (47) 27.03.2023 (22) 21.09.2021 (54) A planting apparatus of vegetable transplanter based on cohesive soil in South China	(54) GREEN PREVENTION AND CONTROL METHOD OF MAIN PESTS OF CAMELLIA OLEIFERA (73) Hunan Academy of Forestry (72) Mi Li Wan Deng Guangming Wang Jinxu Yu Kaihui Tian Yifei Xie Jingyang Liu	Guoyong Zhu Hongsheng Tang Aimin Wang Kai Liu Guohong Yan Wei Shi Shaolu Zhao Jingwen Zhu Jinying Dai Lei Hu
(73) Institute of agricultural engineering, Jiangxi Academy of Agricultural Sciences (72) Licai Chen Luofa Wu Yanqi Wu Kangjun Wang Zouzou Li Yu Liao Song Pan	(74) dr. T. Wittop Koning PhD (51) A01G 20/00 A01G 24/20 A01G 24/25 A01G 24/30 A01G 24/12	(74) dr. T. Wittop Koning PhD (31) 2020107618829.0 (32) 31.07.2020 (33) China
(74) dr. T. Wittop Koning PhD	(11) 2032811 (47) 28.03.2023 (22) 22.08.2022 (54) GROWTH PROMOTING MATRIX MATERIAL OF BANK PROTECTION PLANTS OF ECOLOGICAL RIVER	(11) 2029217 (47) 27.03.2023 (22) 21.09.2021 (54) Method for automated animal management, parameter determination system, animal management system, and use
(51) A01D 45/00 A01D 57/20 A01D 43/063 A01D 91/04 (11) 1044166 (47) 27.03.2023 (22) 21.09.2021 (54) Orderly harvesting device for leafy vegetables	(73) Yunnan Research Academy of Eco-environmental Sciences (72) Zhiyun Wang Yihui Chen Wei Jiang Zhiwei Tan Jie Li Bifei Sun	(73) Nedap N.V. (72) Jeroen Martin van Dijk Derk Jan Roosenboom (74) ir. H.A. Witmans c.s.
(73) Institute of agricultural engineering, Jiangxi Academy of Agricultural Sciences (72) Yu Liao Kangjun Wang Zouzou Li Yanqi Wu Song Pan Luofa Wu Licai Chen	(74) dr. T. Wittop Koning PhD (51) A01G 24/10 A01G 31/00 C05G 1/00	(51) A01K 43/08 B65G 11/00 B65G 11/08 (11) 2029187 (47) 24.03.2023 (22) 16.09.2021 (54) Egg processing system and method for processing eggs
(74) dr. T. Wittop Koning PhD	(11) 2032868 (47) 28.03.2023 (22) 29.08.2022 (54) SOILLESS CULTURE NUTRIENT SOLUTION FORMULA OF EGGPLANTS, PREPARATION METHOD AND SOLUTION SUPPLY METHOD	(73) Moba Group B.V. (72) Martijn Floor Hendrik van den Brink Bertus Dekker Aad Willem Top (74) ir. H.A. Witmans c.s.
(51) A01G 7/06 A01N 43/653 A01P 21/00 (11) 2032360 (47) 28.03.2023 (22) 04.07.2022 (54) METHOD FOR IMPROVING LODGING RESISTANCE OF FLAX	(73) China Agricultural University (72) Zhifang Li (74) dr. T. Wittop Koning PhD (51) A01H 3/04 A01C 1/08 A01N 37/44 A01H 6/46	(51) A01K 61/00 (11) 2031505 (47) 28.03.2023 (22) 05.04.2022 (54) FISH TRANSFER DEVICE FOR AQUACULTURE WORKING VESSEL
(73) Guyuan Branch of Ningxia Academy of Agricultural and Forestry Sciences (72) Zhiwei Yang Xiuxia Cao Aiping Qian Wei Zhang Yong Luan Qiannan Zhang	(11) 2028874 (47) 24.03.2023 (22) 29.07.2021 (54) METHOD FOR INDUCING RICE TO IMPROVE SALT TOLERANCE	(73) Fishery Machinery and Instrument Research Institute, Chinese Academy of Fishery Sciences (72) Yi Zhang Shu Zhang Na Li
(74) dr. T. Wittop Koning PhD	(73) Jiangsu Coastal Area Agricultural Science Research Institute (72) Guiyun Zhang Yibiao Sun Baijie Wan Mingfa Sun	(74) ir. M.B. Plaggenborg (51) A01M 1/18 A01N 25/24 A01P 7/04 A01N 25/04 (11) 1044152
(51) A01G 13/00 A01G 17/00 (11) 2032518 (47) 28.03.2023 (22) 16.07.2022		

(47) 23.03.2023	(22) 17.09.2021	Wenjing Wu
(22) 09.09.2021	(54) Protective glove	Mengdan Yang
(54) Fixeermiddel ten behoeve van de bestrijding van processierupsen	(73) SPLASH DESIGN B.V.	Senhui Shu
(73) Hartman Heidbuurt Beheer B.V.	(72) Bram van der Gaast	(74) drs. P.A. van Essen c.s.
(72) Marcel Heidbuurt	Dejan Spasic	(51) B05B 3/02
(51) A23K 10/30	(74) ir. H.Th. van den Heuvel c.s.	A61M 15/00
A23K 20/10	(51) A44B 11/00	B05B 7/00
A23K 50/30	(11) 1044158	B05B 1/08
(11) 2030475	(47) 24.03.2023	B05B 3/14
(47) 23.03.2023	(22) 16.09.2021	B05B 3/10
(22) 08.01.2022	(54) A recyclable friendly and magnetic hook buckle.	(11) 1044156
(54) NATURAL PLANT FEED ADDITIVE FOR HEALTH PROTECTION OF PIGS IN PERINATAL PERIOD AND PREPARATION METHOD THEREOF	(73) Hoan Nguyen	(47) 24.03.2023
(73) Institute of Animal Husbandry, Heilongjiang Academy of Agricultural Sciences	(72) Hoan Nguyen	(22) 16.09.2021
(72) Xiaolong Yu	(51) A47C 7/14	(54) Vernevelaar
Saihui Wu	A61G 5/10	(73) Demto B.V.
Jiqiao Xia	A61G 5/12	(72) Nanning Cornelus Schermers
Di Liu	A47C 7/22	(74) drs. O. Griebing
Liang Wang	A47C 7/28	(51) B05B 11/00
Wentao Wang	(11) 2029202	(11) 2029181
Xinmiao He	(47) 24.03.2023	(47) 23.03.2023
Haifeng Zhang	(22) 17.09.2021	(22) 13.09.2021
Ming Tian	(54) Een zitting	(54) ENGINE FOR A LIQUID DISPENSING DEVICE AND LIQUID DISPENSING DEVICE INCLUDING SUCH ENGINE
Ziguang Liu	(73) P.R. Sella B.V.	(73) Dispensing Technologies B.V.
Haijuan He	(72) Aloysius Gerhardus Huttenhuis	(72) Paulo Nervo
Meiyu Qi	(74) ir. B.J. 't Jong	Lukas Jacob Willem van den Heuvel
Guiwei Li	(51) A61F 2/16	(74) dr. ir. G.J.C. Verdijck c.s.
Zhongqiu Li	(11) 2027718	(51) B07C 5/06
Yanzhong Feng	(47) 27.03.2023	(11) 2025170
Heshu Chen	(22) 08.03.2021	(47) 24.03.2023
(74) dr. T. Wittop Koning PhD	(54) Method to customize accommodating intraocular lens	(22) 19.03.2020
(51) A24C 5/42	(73) AKKOLENS INTERNATIONAL B.V.	(54) Uniform-speed Transmission Device for clothing goods Sorting
(11) 1044160	(72) Michiel Christiaan Rombach	(73) Shanghai Yingge Apparels Co.,Ltd.
(47) 27.03.2023	Willem Pieter van Lawick	(72) Youquan Xia
(22) 20.09.2021	(74) ir. H.Th. van den Heuvel c.s.	Yilei Guan
(54) Compact systeem voor het vullen van een huls met cannabis of een dergelijk genotsmateriaal	(31) 2025158	(74) J. Hoekstra
(73) I-nvention B.V.	(32) 18.03.2020	(31) 202010124318.6
(72) Menno Contant	(33) Netherlands	(32) 27.02.2020
(51) A41B 3/18	(51) A61K 9/20	(33) China
(11) 2031250	A61K 36/752	(51) B23Q 1/01
(47) 23.03.2023	A61K 36/41	(11) 2031689
(22) 11.03.2022	A61P 9/02	(47) 22.03.2023
(54) Rubber collar sticker, its material and manufacturing process	A61K 9/14	(22) 24.04.2022
(73) Xuzhou College of Industrial Technology	(11) 2031198	(54) FOUR-CHAMBER FILM FEEDBACK TYPE SLIDING BLOCK OF HYDROSTATIC GUIDE RAIL
(72) Tongyu Zhang	(47) 24.03.2023	(73) Haixi (Fujian) Institute, China Academy of Machinery Science & Technology Group
Yunhui Xu	(22) 09.03.2022	(72) Wenzhi Liu
Shuangyuan Xu	(54) COMPOSITION COMPRISING CITRUS DEPRESSA AND RHODIOLA ROSEA WITH THE COMBINED EFFECT OF PROMOTING CIRCULATORY RESPONSE AND PENETRATING THE BRAIN BARRIER	Chao Jiang
Muwei Zhu	(73) TOSAKA INTERNATIONAL CO., LTD.	Wen Zhan
Zaixue Wang	(72) Ching-I Chen	Fuhua Yu
Yanqiu Wang	(74) G.R. Sach	Hongrong Lin
Zhongguang Wang	(51) A62C 13/78	Yuan Gao
Jie Liu	(11) 2029195	Fengqiang Huang
Yanan Zang	(47) 24.03.2023	Xiufang Zheng
Houluo Cong	(22) 16.09.2021	He Lv
Peipei Li	(54) WARNING DEVICE FOR COAL MINE FIRE	(74) dr. T. Wittop Koning PhD
(74) dr. T. Wittop Koning PhD	(73) Anhui University of Science and Technology	(51) B23Q 1/38
(51) A41D 19/015	(72) Leilin Zhang	B23Q 17/00
A41D 13/015	Wenwang Yang	(11) 2031688
(11) 2029201	Meiqi Zhang	(47) 22.03.2023
(47) 24.03.2023		(22) 24.04.2022
		(54) DEVICE AND METHOD FOR TESTING GUIDING PRECISION

OF HYDROSTATIC GUIDE RAIL PAIR UNDER ACTUAL WORKING CONDITION	(22) 16.09.2021 (54) Loading and unloading of a payload in a low-pressure transportation system	(72) Yasir Zahoor Jurij Sodja Mark Voskuil Roeland de Breuker
(73) Haixi (Fujian) Institute,China Academy of Machinery Science & Technology Group	(73) Hardt IP B.V. (72) José Eduardo Sánchez Pérez	(74) dr. ir. G.J.C. Verdijck c.s.
(72) Yuan Gao Songhai Xue Chao Jiang Fuhua Yu Jiajing Lin Wenzhi Liu Hongrong Lin Hengfeng Zhu	(72) André van der Lingen Martijn Paul van Hoorn (74) ir. H.A. Witmans c.s.	(51) B65D 1/22 (11) 1044155 (47) 23.03.2023 (22) 14.09.2021 (54) Bierkrat voorzien van flesopener (73) René Charles Henriët (72) René Charles Henriët
(74) dr. T. Wittop Koning PhD	(11) 2029119 (47) 27.03.2023	(51) B65H 20/02 B65G 13/071
(51) B29C 65/36 (11) 2029204 (47) 24.03.2023 (22) 17.09.2021	(22) 03.09.2021 (54) New Type of Electric-Assisted Cargo-bike Variable Speed Drive System	(11) 2029170 (47) 23.03.2023 (22) 10.09.2021
(54) METHOD FOR ELECTROMAGNETIC WELDING OF MOLDED PARTS	(73) Shanghai Chuanlin Precision Parts Co., Ltd.	(54) Shrink conveyor and method for allowing shrink in a continuous strip
(73) Kok & Van Engelen Composite Structures B.V.	(72) Wei Shi Binglin Lu Jing Yang	(73) VMI Holland B.V. (72) Willem Marinus van Beek (74) ir. F.A. Geurts c.s.
(72) Michiel Hendrik Paul Bruijkers Maarten Laborus (74) dr. ir. G.J.C. Verdijck c.s.	(74) ir. H.A. Witmans c.s. (31) 2020114489199 (32) 11.12.2020 (33) China	(51) B66C 23/70 (11) 2028649 (47) 27.03.2023 (22) 07.07.2021
(51) B44C 5/04 (11) 2029210 (47) 27.03.2023 (22) 20.09.2021	(51) B63B 1/18 B63B 1/24 B63B 1/28 B63B 1/30 B63B 39/06	(54) Lattice piece, lattice boom, and work machine (73) Liebherr-Werk Ebingen GmbH (72) Thomas Stangl Ulrich Wiedemann Markus Kirschbaum
(54) PLASTER SUPPORT SYSTEM USED FOR ANCIENT WALL PAINTING REPRODUCTION AND PREPARATION METHOD	(11) 2029177 (47) 23.03.2023 (22) 13.09.2021	(74) ir. F.A. Geurts c.s. (31) 20 2020 104 000 (32) 10.07.2020 (33) Germany
(73) SHAANXI ACADEMY OF ARCHAEOLOGY NORTHWESTERN POLYTECHNICAL UNIVERSITY	(54) Planing boat comprising a supporting hydrofoil with an asymmetric hydrofoil section	(51) C01B 32/198 C09C 3/08 C09D 163/00 C09D 5/08
(72) Jing Yan Xichen Zhao Xuanhua Li Zhenzhen Ma Yuanyuan Zhang Yane Xi	(73) EXCELLENT NAVAL ARCHITECTURE B.V. (72) Niels Moerke (74) ir. A. Blokland c.s.	(11) 2032198 (47) 27.03.2023 (22) 17.06.2022
(74) ir. W.J.J.M. Kempes	(51) B63B 35/00 A01K 61/60	(54) MODIFIED GRAPHENE OXIDE, WATERBORNE ANTICORROSIVE PAINT AND PREPARATION METHOD THEREOF
(51) B60N 2/90 B60N 2/62 (11) 2032215 (47) 28.03.2023 (22) 17.06.2022	(11) 2031443 (47) 28.03.2023 (22) 29.03.2022 (54) ONBOARD AQUACULTURE SYSTEM USING VENTILATION AND PRESSURIZATION TO ACHIEVE MULTI-LAYER AQUACULTURE	(73) Hebei University of Science & Technology (72) Erjun Tang Wenhui Sun Miao Yuan Na Hu Xiaodong Pan Jing li Shaojie Liu Xiaofeng Guo Xiaomeng Chu Xuteng Xing
(54) Thigh support for a driver's or passenger seat of a car	(73) Fishery Machinery and Instrument Research Institute, Chinese Academy of Fishery Sciences	(74) ir. M.B. Plaggenborg
(73) Bike Basics GmbH (72) Gerrit Gaastra (74) ir. G.J.M. Verhees	(72) Jianxun Li Zhixin Shen Mingchao Cui Bin Zhang	(51) C02F 1/70 C02F 1/72
(51) B60R 9/06 (11) 1044157 (47) 24.03.2023 (22) 17.09.2021	(74) ir. M.B. Plaggenborg	(11) 2032754 (47) 29.03.2023
(54) Inrichting voor bevestiging van een rollator aan een voertuig zoals een scooter	(51) B64C 27/467 B64C 9/08 B64C 3/50	(74) ir. M.B. Plaggenborg (31) 202111101474.1 (32) 18.09.2021 (33) China
(73) Ivo Savelberg (72) Ivo Savelberg	(11) 2029203 (47) 24.03.2023 (22) 17.09.2021	(51) B61B 13/10 B61B 1/00
(51) B61B 13/10 B61B 1/00 (11) 2029188 (47) 24.03.2023	(54) ACTUATION DEVICE FOR ACTUATING A HIGH-LIFT DEVICE OF A ROTOR BLADE (73) Technische Universiteit Delft	

- (22) 16.08.2022
 (54) METHOD FOR TREATING CO-POLLUTED WASTEWATER BASED ON O-HYDROXYPHENYL-DRIVEN IRON CIRCULATION
 (73) Chongqing University
 (72) Tong Zhang
 Yuan Chen
 Li Liu
 Bin Liu
 Yuanyuan Liu
 (74) ir. W.J.J.M. Kempes
 (31) 202210797135.X
 (32) 06.07.2022
 (33) China
-
- (51) C02F 3/00
 (11) 2032436
 (47) 28.03.2023
 (22) 09.07.2022
 (54) BIOFILM CULTIVATION DEVICE TAKING MICRO-PLASTICS AS SUBSTRATES AND USED IN ENVIRONMENTAL WATER BODY
 (73) Northeast Normal University
 (72) Zhichao Zhu
 Kun Qi
 Jiunian Guan
 Nan Lu
 Zirui Wang
 Xu Cao
 (74) dr. T. Wittop Koning PhD
-
- (51) C02F 9/14
 (11) 2032865
 (47) 28.03.2023
 (22) 28.08.2022
 (54) BAFFLED WATER DISTRIBUTION CHANNEL FOR PURIFICATION OF RIVER WATER QUALITY
 (73) Yunnan Research Academy of Eco-environmental Sciences
 (72) Zhiyun Wang
 Yihui Chen
 Zhiwei Tan
 Bifei Sun
 Wei Jiang
 Jie Li
 (74) dr. T. Wittop Koning PhD
-
- (51) C04B 20/10
 C04B 14/02
 (11) 2031134
 (47) 22.03.2023
 (22) 02.03.2022
 (54) A Phononic - Like Crystal Concrete Metamaterial and Vibration Reduction Design Method
 (73) Southeast China University
 (72) Zhendong Qian
 Ting Wang
 Caigao She
 Linchang Miao
 Lijian Lei
 (74) dr. T. Wittop Koning PhD
-
- (51) C08B 37/00
 C08L 5/00
 C09J 105/00
 C08G 63/46
 C08L 67/04
 (11) 2029164
- (47) 23.03.2023
 (22) 09.09.2021
 (54) Modification of biopolymers using polyols and polyacids
 (73) Technische Universiteit Delft
 (72) Stephen James Picken
 Jure Zlopasa
 Robbert Aad George Binneveld
 Willem Otto Julius Böttger
 (74) drs. P.A. van Essen c.s.
-
- (51) C08L 95/00
 (11) 2032120
 (47) 23.03.2023
 (22) 10.06.2022
 (54) High-performance graphene modified asphalt and a preparation method thereof
 (73) Chongqing Jiaotong University
 (72) Xia Zhang
 Junxi He
 Yan Li
 Tao Yang
 Yifeng Huang
 Chao Zhou
 Manman Feng
 Gang Huang
 Chuncheng Lv
 Zutang Zhang
 (74) dr. T. Wittop Koning PhD
-
- (51) C09B 23/04
 C09B 57/00
 G01N 33/50
 (11) 2032434
 (47) 28.03.2023
 (22) 08.07.2022
 (54) NEAR-INFRARED FLUORESCENT PROBE AND PREPARATION METHOD AND APPLICATION THEREOF
 (73) Shandong First Medical University & Shandong Academy of Medical Sciences
 (72) Shili Shen
 Xiaoqun Cao
 Sheng Wang
 (74) dr. T. Wittop Koning PhD
-
- (51) C09D 7/61
 F16B 2/00
 F03D 13/20
 C09J 11/04
 B32B 7/08
 C09D 5/03
 (11) 2029175
 (47) 23.03.2023
 (22) 13.09.2021
 (54) CLAMP COUPLING, PLATE METAL STRUCTURE AND METHOD OF COUPLING STRUCTURAL COMPONENTS
 (73) Van Merksteijn Real Estate B.V.
 (72) Jacobus Lambertus van Merksteijn
 (74) dr. ir. G.J.C. Verdijck c.s.
-
- (51) C10L 3/10
 C10G 5/02
 (11) 2028533
 (47) 24.03.2023
 (22) 24.06.2021
 (54) METHOD AND ONLINE CIRCULATION SYSTEM FOR COLLECTING LIGHT HYDROCARBON IN NATURAL GAS
- (73) Northwest Institute of Eco-Environment and Resources, CAS
 (72) Chunhui Cao
 Liwu Li
 Yuhu Liu
 Zhongping Li
 Li Du
 (74) ir. F.A. Geurts c.s.
 (31) 202010606583.8
 (32) 29.06.2020
 (33) China
-
- (51) C12Q 1/6806
 C12Q 1/6883
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 (11) 2029206
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 Anna Johanna Maria Loonen
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 (74) ir. M.B. Plaggenborg
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 (54) HIGH-STRENGTH AND HIGH-TOUGHNESS POST-PROCESSING METHOD FOR 3D PRINTING BIOMEDICAL METAL TANTALUM AND METAL TANTALUM
 (73) Changsha University of Science & Technology
 (72) Jinshan Sun
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(73) Henan University of Urban Construction	(22) 21.12.2021	(72) Bram Masselink
(72) Chaoyong Wang	(54) METHOD FOR MONITORING STRESS GRADIENT OF CONCRETE DAM	(74) ir. H.Th. van den Heuvel c.s.
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Yanbin Li	Tao Wu	(72) Dirk-Jan de Jong
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(54) 3D Bacteriostatic Absorbent Aerogel for Pallet Package of Chilled Meat and Preparation Method and Application Thereof	Guobin Wang	(73) Itrec B.V.
(73) Northeast Agricultural University	Peng Zhang	(72) Cornelis Martinus van Veluw Jeroen Dijkstra
(72) Jianchun Han	Bin Tan	(74) ir. J.C. Volmer c.s.
Xin Lin	Shengjie Zhao	(51) F04B 1/29
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(54) Construction Method Suitable for Long-span Arch Bridge Foundation	(11) 2029176	Dave Sonneveld
(73) GUANGXI UNIVERSITY	(47) 23.03.2023	(74) drs. P.A. van Essen c.s.
(72) Guoxiong Mei	(22) 13.09.2021	(51) F16H 55/00
Decai Mi	(54) Panel and method for producing a panel	H01Q 3/04
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(73) Institute of Water Resources of Pastoral Area, MWR
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(73) MantiSpectra B.V.
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(73) Wuhan University of Technology
(72) Yunya Niu
Shaopeng Wu
Na Li
Qi Jiang
Jun Xie
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(73) Institute of Tropical Bioscience and Biotechnology, Chinese Academy of Tropical Agricultural Sciences
(72) Naitong Yu
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(73) Shandong First Medical University & Shandong Academy of Medical Sciences
(72) Xiaowei Wang
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(73) NORTH CHINA ELECTRIC POWER UNIVERSITY (BAODING)
(72) Yang Wang
Yuling He
Huan Lei
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(74) dr. T. Wittop Koning PhD
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(72) Jelle van den Berg
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(54) COMPUTER-IMPLEMENTED AGGREGATION METHOD FOR DATA PRIVACY PROTECTION UNDER SECONDARY NETWORK OF SMART GRID BASED ON ELGAMAL CRYPTOGRAPHIC ALGORITHM AND BLOCKCHAIN
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Zhejiang Ponsine Information Technology Co. Ltd.
(72) Siqi Ren
Jianhong Lin
Song Han
Shuhua Xu
Shudan Jin
Luyao Wang
Xuanxuan Xu
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MANIPULATION AND VISUALIZATION
OF THE 3D INTERNAL STRUCTURES
OF A TUBULAR OBJECT AS THEY
ARE IN REALITY WITHOUT ANY
NOTICEABLE DISTORTION | (11) 2029180
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NETWORK DEVICES BASED ON DNS
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automatic control for whole-process
intelligent monitoring of fire activity
operations | |
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Jiangsu D.C.S Automation Engineering
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reduceren van vals gedetecteerde
alarmen op een boorplatform | |
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EP1

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GILICH, Alexander	A61B 8/12	PUNYANI, Supriya
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(54) METHOD AND APPARATUS FOR	(54) FIXING WRAP-AROUND LABELS WITH	REINFORCED WITH A CONTINUOUS
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THERMAL PREFORM STORAGE	(72) Dellevigne, Laura A.	(72) BUTRAGUEÑO MARTÍNEZ, Asunción
(73) KRONES AG	Telesca, Bruno	HERNÁIZ LÓPEZ, Guillermo

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(87) EP2020061034	DEVICE	(51) B60K 37/06
29.10.2020	(73) HONDA MOTOR CO., LTD.	H03K 17/96
(22) 20.04.2020	(72) SHIMIZU, Masahiro	B29C 51/08
(54) COOLING ASSEMBLY FOR A MOTOR	WAKAMATSU, Kuniaki	B29C 51/14
VEHICLE	SHIOMI, Yoshinobu	H05K 1/02
(73) VALEO SYSTEMES THERMIQUES	TOKITO, Akira	H05K 1/18
(72) BIREAUD, Fabien	MORITA, Go	H05K 3/00
TRINDADE, José	ONO, Junya	(11) EP3894260
TOURNOIS, Rémi	(31) 2019036015	(21) EP19829423.3
(31) 1904424	2018151509	(47) 29.03.2023
(32) 26.04.2019	(32) 28.02.2019	(87) EP2019084345
(33) France	10.08.2018	18.06.2020
(51) B60K 13/04	(33) Japan	(22) 10.12.2019
F01N 13/08	Japan	(54) CURVED FUNCTIONAL FILM
F01N 1/08	(51) B60K 35/00	STRUCTURE AND METHOD FOR
B62J 35/00	B60W 30/08	PRODUCING SAME
B60K 15/067	B60W 30/095	(73) Joanneum Research
B62J 40/00	(11) EP3670230	Forschungsgesellschaft mbH
B62J 43/20	(21) EP18213935.2	Hueck Folien GmbH
B62J 43/30	(47) 29.03.2023	Scio Holding GmbH
B62K 5/01	(22) 19.12.2018	(72) STADLOBER, Barbara
F01N 3/10	(54) METHOD FOR OPERATING A DISPLAY	BELEGRATIS, Maria
B60K 13/02	DEVICE OF A MOTOR VEHICLE,	SCHMIDT, Volker
(11) EP3939872	CONTROL UNIT, DISPLAY DEVICE,	ZIRKL, Martin
(21) EP20881094.5	AND MOTOR VEHICLE	SCHEIPL, Gregor
(47) 29.03.2023	(73) AUDI AG	TRASSL, Stephan
(87) CN2020124543	LG Electronics Inc.	GSCHWANDTNER, Andreas
06.05.2021	(72) HÉLOT, Jacques	PADINGER, Franz
(22) 28.10.2020	MÜLLER, Ulrich	HEILMANN, Michael
(54) STRADDLE-TYPE VEHICLE	CHUN, Sewon	IDE, Dirk
(73) Zhejiang CFMOTO Power Co., Ltd.	SONG, Jieun	(31) 102018131760
(72) LI, Qianjin	KIM, Soyoung	(32) 11.12.2018
CHEN, Zhiyong	(51) B60K 37/04	(33) Germany
HE, An	G02B 27/00	(51) B60L 3/04
FANG, Ying	G02B 7/00	G01R 31/327
(31) 201911029709	G02B 27/01	G01R 31/54
(32) 28.10.2019	B60K 35/00	B60L 3/00
(33) China	(11) EP3757643	G01R 31/52
(51) B60K 15/00	(21) EP19183441.5	(11) EP3943956
B60K 15/03	(47) 29.03.2023	(21) EP21755345.2
B60K 15/06	(22) 28.06.2019	(47) 29.03.2023
(11) EP3197699	(54) HEAD-UP DISPLAY	(87) CN2021081137
(21) EP15843508.1	(73) Valeo Comfort and Driving Assistance	16.12.2021
(47) 29.03.2023	(72) BLANC, Eric	(22) 16.03.2021

(54) HIGH-VOLTAGE INTERLOCK DEVICE AND FAULT DETECTION METHOD THEREOF	(73) Kawasaki Motors, Ltd.	F02D 41/00
(73) Contemporary Amperex Technology Co., Limited	(72) Nakayama, Kyotaro Yanase, Daisuke	F25D 11/00
(72) LI, Weiqiang FU, Yanhui LIU, Changjian	KAWAI, Daisuke Tada, Tomoki	(11) EP3833572
(31) 202010536684	(31) 2019227983	(21) EP18774109.5
(32) 12.06.2020	(32) 18.12.2019	(47) 29.03.2023
(33) China	(33) Japan	(87) IB2018001063
(51) B60L 5/00	(51) B60L 53/60	13.02.2020
(11) EP3817943	B60L 53/30	(22) 10.08.2018
(21) EP19778843.3	B60L 53/31	(54) CRASH DETECTION SYSTEM FOR TRANSPORT REFRIGERATION UNITS
(47) 29.03.2023	B60L 53/14	(73) Carrier Corporation
(87) EP2019074621	B60L 53/10	(72) RENAULT, Loïc
26.03.2020	(11) EP3643556	(51) B60P 7/15
(22) 16.09.2019	(21) EP18210955.3	(11) EP3909810
(54) CURRENT COLLECTOR AND NON-TRACK-BOUND, ELECTRICALLY DRIVEN VEHICLE WITH A CURRENT COLLECTOR OF THIS KIND	(47) 29.03.2023	(21) EP20203439.3
(73) Siemens Mobility GmbH	(22) 07.12.2018	(47) 29.03.2023
(72) FRANCKE, Jürgen NELKEL, Matthias	(54) VEHICLE AND METHOD FOR CONTROLLING THE SAME	(22) 22.10.2020
(31) 102018215816	(73) Hyundai Motor Company Kia Corporation Yura Corporation Co., Ltd.	(54) CLAMPING STRUCTURE OF CARGO SUPPORT
(32) 18.09.2018	(72) Noh, JeongHa	(73) ZheJiang TOPSUN Logistic Control Co., Ltd.
(33) Germany	Seong, Beob Mo Kim, Sang Yeon Shin, Dueg Ki	(72) RUAN, Buqin ZHU, Zhengzhong
(51) B60L 5/28	(31) 20180126150	(31) 202010395252
B60L 5/16	(32) 22.10.2018	(32) 12.05.2020
(11) EP3828024	(33) Korea (Republic)	(33) China
(21) EP19212322.2	(51) B60N 2/427	(51) B60Q 1/04
(47) 29.03.2023	B60N 2/68	B60Q 1/26
(22) 28.11.2019	B60R 21/207	(11) EP3456586
(54) ELECTRICAL VEHICLE COMPRISING AN ENERGY TRANSFER DEVICE	B60N 2/58	(21) EP17191619.0
(73) Hitachi Energy Switzerland AG	(11) EP3778297	(47) 29.03.2023
(72) Lonoce, Luigi Warner, Bruce Lauria, Michel Sudki, Bassem	(21) EP19781612.7	(22) 18.09.2017
(51) B60L 13/04	(47) 29.03.2023	(54) DEVICE AND METHOD FOR PRECISELY AND AT LEAST PARTIALLY FIXING VEHICLE LIGHTS ON VEHICLES, ESPECIALLY MOTOR VEHICLES AND VEHICLE LAMP
B61F 1/08	(87) JP2019014679	(73) odelo GmbH
(11) EP3689664	10.10.2019	(72) MÜLLER, Otto
(21) EP18860489.6	(22) 02.04.2019	(51) B60Q 1/14
(47) 29.03.2023	(54) VEHICLE SEAT	H01H 19/635
(87) CN2018085577	(73) TS Tech Co., Ltd.	(11) EP3947039
04.04.2019	(72) TANABE Jinichi	(21) EP19723223.4
(22) 04.05.2018	ISOMURA Yuya	(47) 29.03.2023
(54) MAGLEV TRAIN AND MOVING PART THEREOF	OMORI Sosaku	(87) PL2019000025
(73) CRRC QINGDAO SIFANG CO., LTD.	WAKESU Keita	08.10.2020
(72) DING, Sansan JIANG, Fujie YU, Dalian LIU, Peng LIANG, Xin	MATSUOKA Kenji SUGAYA Yuta	(22) 04.04.2019
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(32) 26.09.2017	2018073516	(73) Merit Poland Spółka Z Ograniczona Odpowiedzialnoscia
(33) China	2018073515	(72) MODLINSKI, Boguslaw GOLUCH, Jacek KOWAL, Andrzej
(51) B60L 15/20	2018073514	(51) B60Q 1/26
B60L 50/15	2018073513	G02B 5/20
B60L 50/16	(32) 05.04.2018	F21S 43/14
(11) EP3838653	05.04.2018	F21S 43/15
(21) EP20214282.4	05.04.2018	F21S 43/20
(47) 29.03.2023	05.04.2018	F21S 43/31
(22) 15.12.2020	05.04.2018	F21S 43/40
(54) VEHICLE CONTROLLER	(33) Japan	F21S 45/49
	Japan	F21S 45/47
	Japan	(11) EP3146260
	Japan	(21) EP15795934.7
	(51) B60P 3/20	(47) 29.03.2023
	B60H 1/32	
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(22) 19.05.2015	(51) B60R 16/027	(31) 102018004465
(54) WARNING LIGHT WITH TINTED LENS	H01R 35/04	(32) 06.06.2018
(73) Whelen Engineering Company, Inc.	B62D 1/04	(33) Germany
(72) OLSON, Andrew J.	(11) EP3771047	(51) B60S 1/32
(31) 201462000106 P	(21) EP18910370.8	B60S 1/52
(32) 19.05.2014	(47) 29.03.2023	(11) EP3956183
(33) United States of America	(87) JP2018039911	(21) EP20719172.7
(51) B60Q 3/00	26.09.2019	(47) 29.03.2023
B60Q 3/80	(22) 26.10.2018	(87) EP2020060417
B60K 37/06	(54) ROTARY CONNECTOR	22.10.2020
B60Q 3/78	(73) Alps Alpine Co., Ltd.	(22) 14.04.2020
B60Q 3/74	(72) HIROHASHI, Makoto	(54) WIND DEFLECTOR FOR A WINDOW
B60K 35/00	ASAKURA, Toshiaki	WIPER SYSTEM OF A MOTOR
B60R 16/037	SATO, Hiroyuki	VEHICLE
G01C 21/36	HOSHI, Toshiyuki	(73) Audi AG
(11) EP3386800	HANZAWA, Hiroshi	Dr. Ing. h.c. F. Porsche AG
(21) EP16781449.0	TERASHITA, Satoshi	A. Raymond et Cie
(47) 29.03.2023	(31) 2018139548	VOLKSWAGEN
(87) EP2016074621	2018055223	AKTIENGESSELLSCHAFT
15.06.2017	(32) 25.07.2018	(72) HAEFNER, Stephan
(22) 13.10.2016	22.03.2018	ACKERMANN, Frank
(54) METHOD AND SYSTEM FOR	(33) Japan	AUCH, Sven
CONTROLLING AN INTERIOR	Japan	FEGER, Axel
LIGHTING IN A VEHICLE	(51) B60R 19/24	BODE, Karl
(73) Volkswagen Aktiengesellschaft	B60R 19/18	(31) 102019110079
(72) KASSNER, Astrid	B60R 19/50	(32) 16.04.2019
BARTHEL, Maximilian	(11) EP3978319	(33) Germany
PARADA, Myriam	(21) EP21198670.8	(51) B60S 1/38
KLAAS, Michael	(47) 29.03.2023	(11) EP3902714
(31) 102016210512	(22) 23.09.2021	(21) EP19832364.4
102015015717	(54) VEHICLE WITH SUPPORTED BUMPER	(47) 29.03.2023
(32) 14.06.2016	FRAME FOR REDUCING THE RISK OF	(87) EP2019086341
07.12.2015	INJURIES	02.07.2020
(33) Germany	(73) PSA Automobiles SA	(22) 19.12.2019
Germany	(72) YIN, JUNLONG	(54) WIPER BLADE
(51) B60Q 3/80	WANG, HONGRI	(73) Robert Bosch GmbH
B60Q 3/74	JIANG, HUAN JUN	(72) ANGYAL, Adam
B60J 1/20	YAN, JING	BUBBA, Marcello
B60Q 1/14	WANG, LITING	VERELST, Hubert
(11) EP3647116	(31) 2010010	TRUYENS, Stijn
(21) EP19204852.8	(32) 30.09.2020	DEAK, Peter
(47) 29.03.2023	(33) France	(31) 102018251714
(22) 23.10.2019	(51) B60R 21/205	(32) 27.12.2018
(54) VEHICLE ILLUMINATION SYSTEM	(11) EP3851336	(33) Germany
(73) TOYOTA JIDOSHA KABUSHIKI KAISHA	(21) EP21150951.8	(51) B60S 1/58
(72) ITO, Masaki	(47) 29.03.2023	B60S 1/34
(31) 2018205670	(22) 11.01.2021	E05B 85/10
(32) 31.10.2018	(54) SYSTEM FOR ASSEMBLING AN	(11) EP3802241
(33) Japan	AIRBAG CHANNEL THROUGH A	(21) EP19718696.8
(51) B60R 13/02	SUPPORT PANEL	(47) 29.03.2023
B60R 21/213	(73) SMRC Automotive Holdings Netherlands	(87) EP2019060011
B60R 21/217	B.V.	05.12.2019
(11) EP3924223	(72) AUTEM, Laurent	(22) 17.04.2019
(21) EP20707727.2	GERMAIN, Christophe	(54) WINDSCREEN WIPER DEVICE
(47) 29.03.2023	DUTOUQUET, Denis	INCORPORATING A CONTROL FOR
(87) FR2020050211	(31) 2000520	MANOEUVRING AN OPENING PANEL
20.08.2020	(32) 20.01.2020	(73) Renault s.a.s
(22) 06.02.2020	(33) France	(72) LE DOUSSAL, Olivier
(54) MOTOR VEHICLE WITH REAR	(51) B60R 25/25	(31) 1854603
UPRIGHTS AND CONNECTED TRIM	(11) EP3578426	(32) 30.05.2018
AND AIRBAG PROTECTION DEVICE	(21) EP19000248.5	(33) France
(73) PSA Automobiles SA	(47) 29.03.2023	(51) B60T 1/04
(72) VILLA, Laurent	(22) 20.05.2019	F16D 49/00
RIVIERRE, Laurent	(54) METHOD FOR IDENTIFYING A	B61H 1/00
(31) 1901444	PERSON FOR USE IN A MOTOR	F16D 65/56
(32) 13.02.2019	VEHICLE	F16D 66/02
	(73) Huf Hülsbeck & Fürst GmbH & Co. KG	B60T 13/36

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B60T 17/22	(21) EP20710051.2	TALKO, Waldemar
F16D 65/22	(47) 29.03.2023	
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(21) EP19206315.4	27.08.2020	B64C 25/42
(47) 29.03.2023	(22) 20.02.2020	F16D 66/02
(22) 30.10.2019	(54) MONITORING A BRAKING FORCE OF	(11) EP3659880
(54) TREAD BREAK UNIT FOR A RAILROAD	A VEHICLE	(21) EP19212701.7
VEHICLE	(73) Siemens Mobility GmbH	(47) 29.03.2023
(73) KNORR-BREMSE Systeme für	Siemens Mobility Technologies (Beijing)	(22) 29.11.2019
Schienenfahrzeuge GmbH	Co., Ltd.	(54) SPRING BASED BRAKE WEAR
(72) KATONA, Geza	(72) GONG, Lv Gang	SENSOR
KÁKONYI, Róbert	YAN, Wei	(73) Goodrich Corporation
ELSTORPFF, Marc-Gregory	(31) 201910131820	(72) STEIN, Eric
VANCSAY, Gyorgy	(32) 22.02.2019	FAHRENBRUCH, Alex
JENEI, Bela	(33) China	(31) 201816209569
HUTH, Vasko-Tonio	(51) B60T 13/66	201862773567 P
	B60T 8/36	(32) 04.12.2018
(51) B60T 5/00	(11) EP3996963	30.11.2018
F16D 65/12	(21) EP20723813.0	(33) United States of America
F16D 65/847	(47) 29.03.2023	United States of America
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(21) EP19748596.4	14.01.2021	(51) B60W 10/08
(47) 29.03.2023	(22) 28.04.2020	B60K 6/46
(87) IB2019055331	(54) SENSOR ARRANGEMENT AND	B60L 50/61
02.01.2020	METHOD FOR JOINING A SENSOR	B60W 10/06
(22) 25.06.2019	ARRANGEMENT OF THIS KIND	B60W 20/00
(54) VEHICLE BRAKE	(73) Robert Bosch GmbH	F02D 29/06
(73) Heritage S.r.l. Unipersonale	(72) JOERG, Martin	B60W 20/10
(72) SQUARZI, Marco	HOFMANN, Dietmar	B60W 20/13
(31) 201800006685	BIGL, Peter	B60W 30/18
(32) 26.06.2018	(31) 102019210065	B60W 20/17
(33) Italy	(32) 09.07.2019	B60W 10/26
	(33) Germany	(11) EP3984845
(51) B60T 8/18	(51) B60T 13/74	(21) EP19933185.1
(11) EP3744590	F16D 65/18	(47) 29.03.2023
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(47) 29.03.2023	F16D 127/06	17.12.2020
(22) 25.05.2020	F16D 125/40	(22) 14.06.2019
(54) BRAKE SYSTEM FOR AN	F16D 125/48	(54) ELECTRIC DEVICE CONTROL
AGRICULTURAL TRAILER AND	F16D 129/10	METHOD AND ELECTRIC DEVICE
AGRICULTURAL TRACK ASSEMBLY	F16D 121/24	(73) NISSAN MOTOR Co., Ltd.
COMPRISING A TRACTOR AND AT	(11) EP3663149	(72) AKIYAMA Hidekatsu
LEAST ONE TRAILER COUPLED WITH	(21) EP18210622.9	HANYU Tomoyuki
SAME	(47) 29.03.2023	
(73) Horsch Maschinen GmbH	(22) 06.12.2018	(51) B60W 10/26
(72) HASELHOFF, Alexander	(54) LOCKING DEVICE FOR AN	H01H 33/59
BODENSTEINER, Thomas	ELECTROMECHANICAL BRAKE	B60L 50/51
KRONES, Manuel	OF MOTOR VEHICLE BRAKE,	H01H 9/54
(31) 102019114346	ELECTROMECHANICAL BRAKE	H02J 7/34
(32) 28.05.2019	PROVIDED WITH SUCH A LOCKING	H02J 7/00
(33) Germany	DEVICE AND MOTOR VEHICLE	B60L 15/08
	EQUIPPED WITH SUCH AN	(11) EP3421287
(51) B60T 8/36	ELECTROMECHANICAL BRAKE	(21) EP17382405.3
(11) EP3647137	(73) IMS Gear SE & Co. KGaA	(47) 29.03.2023
(21) EP18729200.8	(72) STÖHR, Johannes	(22) 28.06.2017
(47) 29.03.2023	FAHRLÄNDER, Klaus	(54) BATTERY CONNECTION SYSTEM FOR
(87) IB2018053376	(51) B60T 17/08	ELECTRIC AND/OR HYBRID VEHICLES
03.01.2019	(11) EP3969338	(73) Fico Triad, S.A.
(22) 15.05.2018	(21) EP19728323.7	(72) SALA MASIP, Enric
(54) HYDRAULIC PRESSURE CONTROL	(47) 29.03.2023	
DEVICE, BRAKE SYSTEM FOR	(87) EP2019062647	(51) B60W 30/095
SADDLE-TYPE VEHICLE, AND	19.11.2020	B60W 30/09
SADDLE-TYPE VEHICLE	(22) 16.05.2019	B60W 10/20
(73) Robert Bosch GmbH	(54) PISTON TUBE ASSEMBLY FOR A	(11) EP3674155
(72) IKEDA, Shigeki	SPRING BRAKE ACTUATOR, AND	(21) EP19202009.7
(31) 2017126487	SPRING BRAKE ACTUATOR	(47) 29.03.2023
(32) 28.06.2017	(73) ZF CV Systems Europe BV	(22) 08.10.2019
(33) Japan		(54) COLLISION AVOIDANCE APPARATUS
		AND COLLISION AVOIDANCE METHOD
(51) B60T 8/88		(73) HL Klemove Corp.
B60T 17/22		(72) KIM, MinGyu

(31) 20180120072	RUTHMEIER, Andreas Karl	(11) EP3558789
(32) 08.10.2018	SEITZBERGER, Markus	(21) EP18704496.1
(33) Korea (Republic)		(47) 29.03.2023
(51) B60W 50/00	(31) 501572018	(87) EP2018052732
B60W 50/023	(32) 21.02.2018	30.08.2018
B60W 50/04	(33) Austria	(22) 05.02.2018
B60W 50/029	(51) B61D 17/16	(54) AD-HOC COMMUNIKATION NETWORK
(11) EP3707047	(11) EP3578435	(73) Siemens Mobility GmbH
(21) EP18804535.5	(21) EP19178410.7	(72) BRO, Lars
(47) 29.03.2023	(47) 29.03.2023	VOSS, Mikael
(87) EP2018080688	(22) 05.06.2019	BODE, Christian
16.05.2019	(54) RAIL-MOUNTED VEHICLE HAVING	(31) 102017203040
(22) 08.11.2018	PASSENGER EMERGENCY ESCAPE	(32) 24.02.2017
(54) SYSTEM FOR THE AT LEAST SEMI-	ROOF HATCH	(33) Germany
AUTONOMOUS OPERATION OF A	(73) Hitachi Rail Ltd.	(51) B62D 1/184
MOTOR VEHICLE WITH DOUBLE	(72) WOOLLEY, Martin	B62D 1/19
REDUNDANCY	TAKEUCHI, Yuya	(11) EP3611075
(73) KNORR-BREMSE Systeme für	(31) 201809162	(21) EP17906624.6
Nutzfahrzeuge GmbH	(32) 05.06.2018	(47) 29.03.2023
(72) HECKER, Falk	(33) United Kingdom	(87) JP2017039470
MUSTAPHA, Adnan	(51) B61D 23/02	25.10.2018
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(31) 102017010716	(47) 29.03.2023	BRACKET AND STEERING DEVICE
(32) 10.11.2017	(87) EP2018059312	(73) NSK Ltd.
(33) Germany	01.11.2018	(72) SUGISHITA, Suguru
(51) B61C 3/00	(22) 11.04.2018	KABE, Naoki
B60L 3/04	(54) RAIL VEHICLE	(31) 2017084226
(11) EP3495225	(73) Bombardier Transportation GmbH	(32) 21.04.2017
(21) EP19000033.1	(72) FRENKE, Daniel	(33) Japan
(47) 29.03.2023	KREILE, Markus	(51) B62D 15/02
(22) 08.02.2016	(31) 102017109089	G06K 9/00
(54) VEHICLE, ESPECIALLY RAILWAY	(32) 27.04.2017	B60W 30/12
VEHICLE, WITH A DRIVE CONTROL	(33) Germany	B60W 30/09
DEVICE	(51) B61G 7/00	(11) EP3702247
(73) Siemens Mobility GmbH	(11) EP3750772	(21) EP19159381.3
(72) Hilpert, Johannes	(21) EP19214221.4	(47) 29.03.2023
(31) 102015203303	(47) 29.03.2023	(22) 26.02.2019
(32) 24.02.2015	(22) 06.12.2019	(54) METHOD OF PROVIDING A
(33) Germany	(54) COUPLING HEAD, ESPECIALLY FOR A	SCENARIO-BASED OVERLAY TORQUE
(51) B61D 1/00	RAIL VEHICLE	REQUEST SIGNAL IN A ROAD
(11) EP3737598	(73) Faiveley Transport Schwab AG	VEHICLE STEER TORQUE MANAGER
(21) EP19705118.8	(72) FISCHBACHER, Fabian	(73) Zenuity AB
(47) 29.03.2023	FAAS, Stefan	VOLVO CAR CORPORATION
(87) EP2019052596	(31) 8052019	(72) LIDANDER, Niklas
12.09.2019	(32) 14.06.2019	JOHANNESSON MÅRDH, Lars
(22) 04.02.2019	(33) Switzerland	CARLSSON, Andreas
(54) VEHICLE BRIDGE BODY AND	(51) B61G 9/06	LÖFGREN, Markus
MULTIPLE-UNIT RAIL VEHICLE	(11) EP3792137	LINDBERG, Andreas
(73) Siemens Mobility GmbH	(21) EP19214247.9	(51) B62D 15/02
(72) TREUTLER, Helmut	(47) 29.03.2023	G06Q 10/10
WILHELM, Markus	(22) 06.12.2019	(11) EP3455121
(31) 102018203421	(54) DEVICE FOR FIXING A TRACTION	(21) EP17725239.2
(32) 07.03.2018	AND PUSHING DIRECTION OF A	(47) 29.03.2023
(33) Germany	COUPLING, ESPECIALLY A RAIL	(87) EP2017062339
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(54) APPARATUS COMPRISING A SUCTION	F21S 41/26	VDOVIN, Olexandr Valentynovych
ASSEMBLY AND AT LEAST ONE	F21S 41/20	ANSEMS, Johannes Petrus Maria
ACCESSORY UNIT PROVIDED WITH	F21S 41/40	CORNELISSEN, Hugo Johan
AN ELECTRONIC AND/OR PNEUMATIC	F21S 41/43	(31) 19172985
DEVICE	F21S 41/663	(32) 07.05.2019
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(73) Fives Pillard	(73) BSH Hausgeräte GmbH	YUN, Young Uk
(72) LARIGNON, Antoine	(72) ARRESE, Xavier	LIM, Byung Han
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PAULIN, Kevin	CONNECTION OF AN UNVERIFIED	CONDITIONING DEVICE
FAIVRE, Elodie	THERMAL DEVICE TO A SPECIFIC	(73) Mitsubishi Electric Corporation
(31) 1901303	COMBINED DISTRICT HEATING AND	(72) WATANABE, Takahiro
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(33) France	(73) E.ON Sverige AB	YANASE, Tomoya
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(72) OCHIAI, Yasutaka	(47) 29.03.2023	NAIK, Abhay
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SYSTEM	(51) G01P 13/04	G01R 19/165
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ZHAO, Chun	method for manufacturing such a current	(73) Siemens Mobility GmbH
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(73) Siemens Aktiengesellschaft (72) Mieske, Frank Herrmann, Hans-Joachim Loerke, Matthias	(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives (72) AUZANNEAU, Fabrice	(31) 2016191764 (32) 29.09.2016 (33) Japan
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(54) BATTERY SENSOR AND METHOD FOR OPERATING SAME	(21) 21.06.2018 (22) 29.11.2017 (54) SYSTEM FOR DETECTING FAULTS IN A TRANSMISSION LINE BY USING A COMPLEX SIGNAL	(31) 201816143851 (32) 27.09.2018 (33) United States of America
(73) Continental Automotive Technologies GmbH (72) Frenzel, Henryk Schramme, Martin	(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives (72) CABANILLAS, Esteban LAYER, Christophe	(51) G01R 31/392 G01R 31/36 (11) EP3663780 (21) EP17919999.7 (47) 29.03.2023 (87) JP2017027749 07.02.2019 (22) 31.07.2017
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(54) MEASURING DEVICE FOR DETERMINING ENERGY DATA	(31) 201715471199 201662317168 P (32) 28.03.2017 01.04.2016 (33) United States of America United States of America	(51) G01R 33/30 G01R 33/60 G01N 24/10 G01N 23/083 G01R 33/345 (11) EP3724671 (21) EP18703779.1 (47) 29.03.2023 (87) EP2018053047 15.08.2019 (22) 07.02.2018
(73) Siemens Aktiengesellschaft (72) JÜRGENS, Dirk HAUSER, Rainer	(54) METHOD OF MANUFACTURING AN INTEGRATED CIRCUIT INVOLVING PERFORMING AN ELECTROSTATIC DISCHARGE TEST	(54) PROBE SETUP FOR COMBINED EPR AND XAS MEASUREMENTS (73) Bruker BioSpin GmbH (72) RABEAH, Jabor BRÜCKNER, Angelika ADOMEIT, Sven
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(54) METHOD OF MANUFACTURING AN INTEGRATED CIRCUIT INVOLVING PERFORMING AN ELECTROSTATIC DISCHARGE TEST	(51) G01R 31/36 H01M 10/42 H01M 10/48 H02J 7/00 G01R 31/389 B60L 50/50 B60L 50/60 (11) EP3521846 (21) EP17856343.3 (47) 29.03.2023 (87) JP2017035238 05.04.2018 (22) 28.09.2017 (54) POWER STORAGE ELEMENT SOC ESTIMATION DEVICE, POWER STORAGE DEVICE, AND POWER STORAGE ELEMENT SOC ESTIMATION METHOD	(54) PROBE SETUP FOR COMBINED EPR AND XAS MEASUREMENTS (73) Bruker BioSpin GmbH (72) RABEAH, Jabor BRÜCKNER, Angelika ADOMEIT, Sven
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AND LOCAL COIL MATRIX FOR	(22) 03.04.2019	(73) Sony Semiconductor Solutions
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(22) 05.02.2019	(54) THREE-DIMENSIONAL IMAGE DATA	GLOBAL NAVIGATION SATELLITE
(54) METHOD FOR OPERATING AN MRI	ACQUISITION	SYSTEM IN A LOW EARTH ORBIT
DEVICE, CORRESPONDING MRI	(73) SICK AG	(73) Airbus Defence and Space GmbH
DEVICE, COMPUTER PROGRAM	(72) Hammes, Dr. Markus	(72) SOUALLE, Francis
PRODUCT, AND COMPUTER-	Sigmund, Jörg	OUEDRAOGO, Mahamoudou
READABLE STORAGE MEDIUM	Strepp, Wolfram	FLOCH, Jean-Jacques
(73) Siemens Healthcare GmbH	(51) G01S 13/931	ZENZINGER, Alexander
(72) Zeller, Mario	B60K 35/00	SASSEN, Stefan
Paul, Dominik	B60K 37/00	BAUR, Oliver
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CUSTOMIZE AUDIO PERFORMANCE	WALL	LACK OF OPERABILITY OF A
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ENVIRONMENT	Aktiengesellschaft	AND FEE CHARGING SYSTEM
(73) QUALCOMM Incorporated	(72) ÖZTÜRK, Bünyamin	(73) Toll Collect GmbH
(72) KIM, Lae-Hoon	MAIER, Dietmar	(72) Böhme, Nils
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DETECTING AN OBJECT BY	(32) 11.11.2016	(73) ExxonMobil Technology and Engineering
BROADBAND LASER PULSES	(33) Germany	Company
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BREWER, Joel D.	PROJECTION DEVICE, AND LIGHTING	KEKAS, Jason D.
SHAN, Shan	DEVICE	KOMANDURI, Ravi K.
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PLANCHART, Carlos	(47) 29.03.2023	DEVICE
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RELATIVE PERMEABILITY OF THE	CLARK, John C.	(11) EP3646071
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(73) Corning Research And Development Corporation	22.06.2018	WANG, Jianwen
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United States of America	United States of America	(72) DITTRICH, Ronald
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(54) VOLTAGE GENERATING CIRCUIT	(51) G06F 3/01 G06F 3/033 A63F 13/213 A63F 13/24 A63F 13/26 A63F 13/833 G06F 1/16 G06F 3/0346 G08C 23/04 G02B 27/01	(54) CONTROL APPARATUS AND METHOD FOR REDUCING MOTION SICKNESS IN A USER WHEN LOOKING AT A MEDIA CONTENT BY MEANS OF SMART GLASSES WHILE TRAVELLING IN A MOTOR VEHICLE
(73) Renesas Electronics Corporation	(73) Dassault Systèmes (72) Du, Xia Chen, Pinghan Brossard, Mickaël Reddi, Sarath	(73) Audi AG (72) PROFENDINER, Daniel (31) 102018213588 (32) 13.08.2018 (33) Germany
(72) SANO, Shinya HORIGUCHI, Masashi MIKI, Takahiro HIRAKI, Mitsuru	(51) G06F 3/01 G06F 3/03 G06F 3/033 A63F 13/213 A63F 13/24 A63F 13/26 A63F 13/833 G06F 1/16 G06F 3/0346 G08C 23/04 G02B 27/01	(54) CONTROL APPARATUS AND METHOD FOR REDUCING MOTION SICKNESS IN A USER WHEN LOOKING AT A MEDIA CONTENT BY MEANS OF SMART GLASSES WHILE TRAVELLING IN A MOTOR VEHICLE
(31) 2011088072 (32) 12.04.2011 (33) Japan	(73) Dassault Systèmes (72) Du, Xia Chen, Pinghan Brossard, Mickaël Reddi, Sarath	(73) Audi AG (72) PROFENDINER, Daniel (31) 102018213588 (32) 13.08.2018 (33) Germany
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(22) 01.04.2016	(51) G06F 3/01 G06F 3/03 G06F 3/033 A63F 13/213 A63F 13/24 A63F 13/26 A63F 13/833 G06F 1/16 G06F 3/0346 G08C 23/04 G02B 27/01	(54) CONTROL APPARATUS AND METHOD FOR REDUCING MOTION SICKNESS IN A USER WHEN LOOKING AT A MEDIA CONTENT BY MEANS OF SMART GLASSES WHILE TRAVELLING IN A MOTOR VEHICLE
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(73) Groupe LDLC	TRANSITORY COMPUTER-READABLE	(72) ROSSI, John
(72) FAIVRE, Laurent	INFORMATION RECORDING MEDIUM	LINN, Scott A.
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(22) 25.11.2020	INPUT/OUTPUT REQUEST SPANS	(72) MAGKLIS, Grigorios
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(73) Contemporary Amperex Technology Co., Limited	(22) 30.10.2020	(51) H01M 8/04225 H01M 8/04228 H01M 8/04223 H01M 8/04955 H01M 8/04302 H01M 8/04303
(72) LIANG, Chengdu GUO, Yongsheng ZHANG, Tao LIU, Chengyong YANG, Jun	(54) COMPOSITE MATERIAL HAVING CORE-SHELL STRUCTURE FOR BATTERY, SECONDARY BATTERY, BATTERY MODULE, BATTERY PACK AND APPARATUS	(11) EP3982447 (21) EP21200429.5 (47) 29.03.2023 (22) 01.10.2021 (54) CONTROL SYSTEM FOR DISCHARGING THE CELLS OF A FUEL CELL
(31) 201911014994	(73) Contemporary Amperex Technology Co., Limited	(73) Commissariat à l'énergie atomique et aux énergies alternatives
(32) 24.10.2019	(72) CHENG, Bo	(72) MORIN, Benoît
(33) China	HAN, Changlong	RANIERI, Marco
(51) H01M 4/505 H01M 4/525 C01G 45/12 C01G 51/00 C01G 53/00 H01M 4/36 H01M 10/052 H01M 4/02 H01M 4/04	(31) 201911197009 (32) 29.11.2019 (33) China	(31) 2010205 (32) 06.10.2020 (33) France
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(47) 29.03.2023 (22) 30.12.2004	(03.12.2020 (22) 06.01.2020	(30.04.2020 (22) 16.10.2019
(54) ELECTRODE ACTIVE MATERIAL POWDER WITH SIZE DEPENDENT COMPOSITION AND METHOD TO PREPARE THE SAME	(54) LITHIUM ION SECONDARY BATTERY, BATTERY CELL, NEGATIVE ELECTRODE POLE PIECE, AND DEVICE CONTAINING LITHIUM ION SECONDARY BATTERY	(54) METHOD AND SYSTEM TO MODIFY THE PERFORMANCE OF A REDOX FLOW BATTERY
(73) LG Energy Solution, Ltd.	(73) Contemporary Amperex Technology Co., Limited	(73) Saudi Arabian Oil Company
(72) PAULSEN, Jens Martin PARK, Hong Kyu KIM, Mun Ju	(72) LIU, Xin HUANG, Qisen WANG, Shiwen LIU, Xianghui PENG, Jia LI, Mingling SHENG, Changliang	(72) HAMMAD, Ahmad D. SOULENTIE, Stamatios ALSUHAIBANI, Abdulrahman AMR, Issam T.
(31) 533225 P (32) 31.12.2003 (33) United States of America	(31) 201910472635 (32) 31.05.2019 (33) China	(31) 201816171542 (32) 26.10.2018 (33) United States of America
(51) H01M 4/587 H01M 4/133 C01B 32/21	(51) H01M 4/75 B21D 39/03 H01M 4/02 H01M 4/38 H01M 10/0525	(51) H01M 8/2418 H01M 8/2404 (11) EP3619765 (21) EP18728926.9 (47) 29.03.2023 (87) FR2018051109
(11) EP4007017 (21) EP19940115.9 (47) 29.03.2023 (87) JP2019030012	(11) EP3883025 (21) EP20849466.6 (47) 29.03.2023 (87) CN2020103483	(08.11.2018 (22) 03.05.2018 (54) DEVICE FOR MANIPULATING MEMBRANES
(04.02.2021 (22) 31.07.2019	(11.02.2021 (22) 22.07.2020	(73) Commissariat à l'Énergie Atomique et aux Énergies Alternatives
(54) NEGATIVE ELECTRODE MATERIAL FOR LITHIUM ION SECONDARY BATTERY, NEGATIVE ELECTRODE FOR LITHIUM ION SECONDARY BATTERY, AND LITHIUM ION SECONDARY BATTERY	(54) SPLICEDLY FORMED LITHIUM STRIP, PREPARATION METHOD THEREFOR, AND NEGATIVE POLE, CELL, LITHIUM ION BATTERY, BATTERY MODULE, BATTERY PACK AND APPARATUS RELATED THERETO	(72) BUVAT, Pierrick CARRIERE, Stéphane CHAZOT, Laurent SERRE, Jérôme BOUGY, Jean-Jacques
(73) Resonac Corporation	(73) Contemporary Amperex Technology Co., Limited	(31) 1753909 (32) 03.05.2017 (33) France
(72) MIYAUCHI, Takayuki SATO, Takeshi IKEDA, Yusuke KAGAWA, Takuya	(72) XIE, Bin CHEN, Shitong GONG, Zhijie	(51) H01M 10/052 H01M 10/058 H01M 50/105 H01M 50/119 H01M 50/133 (11) EP3371846 (21) EP16862737.0 (47) 29.03.2023
(51) H01M 4/62 H01M 4/36 H01M 4/48 H01M 10/0525 H01M 50/431 H01M 50/434 H01M 10/42	(31) 201910712143	

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(22) 27.10.2016	(22) 15.07.2020	(51) H01M 10/613
(54) ELECTROCHEMICAL CELL HAVING THIN METAL FOIL PACKAGING AND A METHOD FOR MAKING SAME	(54) METHOD FOR LEAK TESTING A BATTERY CELL	(11) EP3984092
(73) Rutgers, the State University of New Jersey	(73) Marposs	(21) EP20751759.0
(72) AMATUCCI, Glenn	(72) COHEN, Elie	(47) 29.03.2023
PLITZ, Irene	VOLLARO, Giuseppe	(87) US2020037392 17.12.2020
SUNG, Linda	(51) H01M 10/42	(22) 12.06.2020
FERRER, Anthony	H01M 10/38	(54) ORGANIC HEAT TRANSFER SYSTEM, METHOD AND FLUID
(31) 201562249590 P	H01M 10/48	(73) The Lubrizol Corporation
(32) 02.11.2015	G01R 31/36	(72) SHORT, Amy L.
(33) United States of America	H01M 50/204	SAMMUT, Alexander
(51) H01M 10/0569	H01M 50/211	JAYNE, Douglas T.
H01M 10/0567	(11) EP3483978	RITZ, Ryan
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H01M 10/0525	02.08.2018	(51) H01M 10/613
H01M 10/42	(22) 23.01.2018	H01M 10/615
H01M 4/36	(54) APPARATUS FOR PREDICTING DEFORMATION OF BATTERY MODULE	H01M 10/617
H01M 4/48	(73) LG Energy Solution, Ltd.	H01M 10/625
H01M 4/587	(72) KIM, Dong-Yeon	H01M 10/6554
H01M 4/38	KONG, Jin-Hak	H01M 10/6556
(11) EP3961785	CHOI, Yong-Seok	H01M 50/20
(21) EP20859766.6	SEO, Sung-Won	H01M 50/249
(47) 29.03.2023	LEE, Yoon-Koo	H01M 50/209
(87) KR2020011462	KANG, Dal-Mo	(11) EP3783729
11.03.2021	MUN, Jeong- O	(21) EP20189748.5
(22) 27.08.2020	(31) 20170011229	(47) 29.03.2023
(54) NON-AQUEOUS ELECTROLYTE SOLUTION AND LITHIUM SECONDARY BATTERY INCLUDING THE SAME	(32) 24.01.2017	(22) 06.08.2020
(73) LG Energy Solution, Ltd.	(33) Korea (Republic)	(54) VEHICLE BATTERY PACK AND VEHICLE
(72) KIM, Gwang Yeon	(51) H01M 10/48	(73) MAZDA MOTOR CORPORATION
OH, Jeong Woo	G01R 31/36	(72) HARUGAICHI, Shintaro
LEE, Chul Haeng	G01R 31/367	YAMAMOTO, Satoshi
(31) 20190108783	H01M 50/569	IWATA, Kazuo
(32) 03.09.2019	(11) EP3780248	YAN, Yu
(33) Korea (Republic)	(21) EP18912371.4	SASAKI, Shoichi
(51) H01M 10/42	(47) 29.03.2023	(31) 2019151391
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(47) 29.03.2023	(54) DEGRADATION STATE DETERMINATION DEVICE AND DEGRADATION STATE DETERMINATION METHOD	H01M 50/209
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(22) 10.06.2019	SHOJI, Hideki	H01M 50/233
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(73) LG Energy Solution, Ltd.	(32) 28.03.2018	H01M 50/278
(72) KWAK, Gi Young	(33) Japan	H01M 50/291
KIM, Sung Tae	(51) H01M 10/48	(11) EP3493292
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KANG, Joon Sup	H01M 50/521	(47) 29.03.2023
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(32) 21.11.2018	(21) EP21206718.5	(73) Samsung SDI Co., Ltd.
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(33) Korea (Republic)	(22) 05.11.2021	Park, Seongjoon
Korea (Republic)	(54) CONDUCTIVE MODULE	(51) H01M 10/6556
(51) H01M 10/42	(73) Yazaki Corporation	H01M 10/04
H01M 10/0525	(72) Matsushima, Tomohiro	H01M 10/613
H01M 10/0569	Matsunaga, Yuuta	H01M 10/625
(11) EP3736903	Masaki, Hideto	H01M 10/647
	(31) 2020189938	H01M 50/209
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H01M 50/383	AND VEHICLE	(33) China
(11) EP3965213	(73) Contemporary Amperex Technology Co.,	(51) H01M 50/213
(21) EP20803067.6	Limited	H01M 10/42
(47) 29.03.2023	(72) CHEN, Sien	H01M 10/6556
(87) CN2020101440	XU, Shoujiang	H01M 10/659
13.01.2022	DAI, Xiaoshan	H01M 50/293
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(54) BATTERY AND RELATED APPARATUS	(32) 20.09.2019	H01M 10/637
THEREOF, PREPARATION METHOD	(33) China	H01M 50/581
AND PREPARATION DEVICE	(51) H01M 50/204	(11) EP3588662
(73) Contemporary Amperex Technology Co.,	H01M 50/296	(21) EP19179734.9
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YAO, Pengcheng	(47) 29.03.2023	(54) SINGLE CELL FAULT TOLERANT
ZENG, Zhimin	(87) CN2020084341	BATTERY SYSTEM ARCHITECTURE
WU, Kai	10.12.2020	(73) General Atomics
CHEN, Xingdi	(22) 11.04.2020	(72) RODRIGUEZ, Gilberto Fernando
WANG, Peng	(54) TERMINAL PROTECTION DEVICE AND	TYROL, Boris
CHEN, Xiaobo	BATTERY MODULE	MAHAR, Scott Brian
(51) H01M 50/10	(73) Contemporary Amperex Technology Co.,	SMITH II, Gordon F.
H01M 50/342	Limited	JASKOLSKI, Corey John
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(87) CN2021080838	ZHANG, Haidong	H04M 1/02
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(22) 15.03.2021	(32) 03.06.2019	(21) EP19206468.1
(54) BATTERY, ELECTRICAL DEVICE,	(33) China	(47) 29.03.2023
AND METHOD AND APPARATUS FOR	(51) H01M 50/207	(22) 31.10.2019
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(73) Contemporary Amperex Technology Co.,	(21) EP16871854.2	WATERPROOF CASE
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(72) YANG, Piaopiao	(87) CA2016000312	(72) CHIBA, Yasunori
CHEN, Xiaobo	15.06.2017	USUI, Yasunori
LI, Yao	(22) 12.12.2016	DONG, Gu
PU, Yujie	(54) BATTERY WITH VARIABLE	(31) 2018208390
YUE, Jinru	ELECTROCHEMICAL CELLS	(32) 05.11.2018
GU, Mingguang	CONFIGURATION	(33) Japan
HU, Lu	(73) Blue Solutions Canada Inc.	(51) H01M 50/264
LI, Xianda	(72) COTTON, Frederic	H01M 50/204
(51) H01M 50/20	REBOUL-SALZE, Cedric	H01M 50/249
(11) EP3595036	LEBLANC, Patrick	H01M 10/04
(21) EP19184779.7	GUENA, Thierry	H01M 50/209
(47) 29.03.2023	VALLÉE, Alan	B60L 50/64
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(73) YAZAKI CORPORATION	(33) United States of America	(47) 29.03.2023
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(21) EP20864937.6	WANG, Zhichao	H01M 50/519
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(87) CN2020104676	WANG, Peng	H01M 50/262
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(73) Contemporary Ampere Technology Co., Limited	27.06.2018	29.08.2019
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WANG, Peng	Russian Federation	(54) VEHICULAR ANTENNA DEVICE
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(54) METHOD FOR CONNECTING TWO BATTERY POLES, WHICH CONSIST OF UNIDENTICAL MATERIALS, OF TWO BATTERY CELLS, AND BATTERY UNIT	(21) EP15911474.3	(87) JP2017005337
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(33) Germany	(54) MICROELECTRONIC DEVICES DESIGNED WITH INTEGRATED ANTENNAS ON A SUBSTRATE	(72) ODAGIRI, Kazuya
(51) H01M 50/507	(73) Intel Corporation	(51) H01Q 3/26
H01M 50/20	(72) KAMGANG, Telesphor	H01Q 21/00
(11) EP3852189	DOGIAMIS, Georgios, C.	H01Q 21/06
(21) EP21151248.8	NAIR, Vijay, K.	H01Q 21/08
(47) 29.03.2023	(51) H01Q 1/24	H01Q 1/32
(22) 13.01.2021	H01Q 1/22	(11) EP3780274
(54) BUSBAR MODULE	H01Q 1/38	(21) EP19191491.0
(73) Yazaki Corporation	H01Q 1/44	(47) 29.03.2023
(72) OKAZAKI, Yutaro	(11) EP3599662	(22) 13.08.2019
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(31) 2020006204	(73) Beijing Xiaomi Mobile Software Co., Ltd.	Fuchs, Martin
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(33) Japan	(31) 201810847691	Goelz, Hansjerg
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(72) LUKYANOV, Anton Sergeevich	(73) Aptiv Technologies Limited	(73) Chengdu Institute Of Biology, Chinese Academy Of Sciences
SHEPELEVA, Elena Aleksandrovna	(72) LI, Mingjian	(72) JIANG, Haibo
NIKISHOV, Artem Yurievich	LI, Zhenzheng	CHEN, Zijun
EVTYUSHKIN, Gennadiy Aleksandrovich	(31) 201916592198	GONG, Yubin
MAKURIN, Mikhail Nikolaevich	(32) 03.10.2019	YANG, Yang
	(33) United States of America	WANG, Shaomeng
	(51) H01Q 1/32	GUI, Chengbo
	H05K 7/20	FU, Jiangan

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H01Q 21/29	(47) 29.03.2023	Japan
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(54) MULTILAYER BOWTIE ANTENNA	21.11.2017	(54) DEVICE CONNECTORS
STRUCTURE	(33) United States of America	(73) Hewlett-Packard Development Company,
(73) Qualcomm Incorporated	United States of America	L.P.
(72) JEONG, Seong Heon	(51) H01R 9/24	(72) MORRAL MARTI, Pol
TASSOUDJI, Mohammad, Ali	H01R 13/50	MARTIN MONTSERRAT, Jorge
MOHAMMADIAN, Alireza	H01R 4/48	MARTIN VIDAL, Pau
FABREGA SANCHEZ, Jorge	H01R 11/09	(51) H01R 13/514
YANG, Taesik	(11) EP3644445	H01R 13/518
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United States of America	(72) Moser, Peter	METHOD FOR ASSEMBLING AND
(51) H01Q 21/26	(31) 202018004944 U	EQUIPPING
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(54) COMBINED ANTENNA FOR	08.11.2018	(22) 24.10.2018
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COMMUNICATIONS	(54) MODULAR ELECTRICAL FIELDBUS	ELECTRICAL CONNECTORS
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(72) GHEZZO, Enrico	INTERCONNECTED FUNCTIONAL	(72) Tiemann, Andre
GIOVANNELLI, Antonello	COMPONENTS	Meier, Heiko
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(33) Germany	(73) Yazaki Corporation	(72) BECK, Karl
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(00) tweede pandrecht	A61K 9/20	(51) B03C 1/32
(11) 2021777	A61K 45/06	B03C 1/28
(00) 15.03.2023	(11) EP2247387	(00) Established
(51) B07C 5/02	(00) 15.03.2023	(00) eerste pandrecht
(00) Established	(51) B03B 5/30	(11) EP3060586
(00) eerste pandrecht	B03B 5/44	(51) C08F 10/02
(11) 2022821	B03C 1/01	C08F 4/659
(00) 15.03.2023	B03C 1/033	C08F 110/02
(51) C22B 3/10	B03C 1/28	(11) EP3066918
H01F 1/44	B03C 1/32	(51) A01K 29/00
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(00) tweede pandrecht	(00) tweede pandrecht	(11) EP3186395
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(11) 2022821	(00) 15.03.2023	A61K 39/395
(00) 15.03.2023	(51) B03B 5/30	C07K 16/30
(51) C22B 3/10	B03B 5/44	A61K 35/28
H01F 1/44	B03C 1/01	A61K 38/17
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(11) 2023082	(00) Established	B07C 5/36
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(00) 15.03.2023	(11) EP2978535	D06F 39/04
(51) H01F 6/06	(00) 15.03.2023	D06F 39/08
H01F 27/28	(51) B03B 5/30	D06F 103/04
G01R 33/00	B03B 5/44	D06F 105/14
H01F 27/42	B03C 1/01	(11) EP3371367
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H01F 27/28		

(00) 13.03.2023
(51) B26D 1/547
 B25B 11/00
 B62D 67/00
(00) New licence registration

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(51) B03C 1/01
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(11) EP3881911
(51) A63B 69/16
 A63B 22/16
 A63B 21/02
 A63B 21/04
 A63B 21/00
 A63B 22/00

VRV

**Verval of nietigverklaring.
 Contains data concerning lapse or annulment.**

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(11) EP3884231	(11) EP3894707	(11) EP3907976
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(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3908391	(11) EP3921885	(11) EP3945725
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3908891	(11) EP3922232	(11) EP3950056
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3909117	(11) EP3923440	(11) EP3953028
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3910171	(11) EP3924208	(11) EP3953729
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3910818	(11) EP3924281	(11) EP3954964
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3910823	(11) EP3928090	(11) EP3955883
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3911633	(11) EP3928609	(11) EP3955884
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3913302	(11) EP3930102	(11) EP3958717
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3913395	(11) EP3930226	(11) EP3961158
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
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(11) EP3913721	(11) EP3932259	(11) EP3966487
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3913742	(11) EP3932636	(11) EP3966848
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3913877	(11) EP3932697	(11) EP3969195
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3914847	(11) EP3932804	(11) EP3973100
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3915365	(11) EP3933485	(11) EP3976984
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
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(11) EP3915910	(11) EP3935213	(11) EP3978369
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3917782	(11) EP3937452	(11) EP3980975
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3917796	(11) EP3939677	(11) EP3985960
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3918212	(11) EP3942339	(11) EP3987246
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3919782	(11) EP3943066	(11) EP3987297
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3920804	(11) EP3944268	(11) EP3991787
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3921109	(11) EP3944737	(11) EP3992522
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3921628	(11) EP3945103	(11) EP3993323
(00) 23.11.2022	(00) 23.11.2022	(00) 23.11.2022

(00) EPV Ceased Effect

(11) EP3995064
(00) 23.11.2022
(00) EPV Ceased Effect

(11) EP3995250
(00) 23.11.2022
(00) EPV Ceased Effect

(11) EP3995656
(00) 23.11.2022
(00) EPV Ceased Effect

(11) EP3997424
(00) 23.11.2022
(00) EPV Ceased Effect

(11) EP3997606
(00) 23.11.2022
(00) EPV Ceased Effect

(11) EP4000083
(00) 23.11.2022
(00) EPV Ceased Effect

(11) EP4003438
(00) 23.11.2022
(00) EPV Ceased Effect

(11) EP4004658
(00) 23.11.2022
(00) EPV Ceased Effect

(11) EP4018880
(00) 23.11.2022
(00) EPV Ceased Effect

(11) EP4020715
(00) 23.11.2022
(00) EPV Ceased Effect

(11) EP4059565
(00) 23.11.2022
(00) EPV Ceased Effect

(11) EP4066140
(00) 23.11.2022
(00) EPV Ceased Effect

VRB

**Verbeteringen op eerdere publicaties.
Contains data concerning corrections.**

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) Mercedes-Benz Group AG	(00) Merge	(11) EP2373155
(73) Mercedes-Benz Group AG	(71) LBT Innovations Limited	(00) 16.03.2023
(11) 2007211	(73) Autobio Diagnostics Co., Ltd.	(51) A01J 5/01
(00) 16.03.2023	(11) EP1720971	G01F 11/28
(51) B60J 7/02	(00) 15.03.2023	G01F 13/00
(00) Change of owner(s) name	(51) C12M 1/26	(00) Change of owner(s) name
(71) B.V. Agenturen-Engros	C12M 1/32	(71) Exact Sciences Corporation
(73) B.V. Agenturen-Engros	(00) Assignment	(73) Exact Sciences Corporation
(11) 2012400	(71) TICO Research AG in Liquidation	(11) EP2650377
(00) 17.03.2023	(73) Lactocorder AG	(00) 15.03.2023
(51) B60P 7/08	(11) EP1814380	(51) C12Q 1/68
(00) Assignment	(00) 16.03.2023	(00) Merge
(71) Mercedes-Benz Group AG	(51) A01J 5/04	(71) Exact Sciences Corporation
(73) Mercedes-Benz Group AG	(00) Change of owner(s) name	(73) Exact Sciences Corporation
(11) 2008300	(71) Lactocorder AG	(11) EP2394170
(00) 16.03.2023	(73) Lactocorder AG	(00) 15.03.2023
(51) B60J 7/043	(11) EP1814380	(51) C12Q 1/68
B60J 7/057	(00) 16.03.2023	G01N 33/574
(00) Change of owner(s) name	(51) A01J 5/04	(00) Merge
(71) Mercedes-Benz Group AG	(00) Assignment	(71) Aldevron, L.L.C.
(73) Mercedes-Benz Group AG	(71) Aldevron, L.L.C.	(73) Aldevron, L.L.C.
(11) 2008557	(73) Aldevron, L.L.C.	(11) EP2152889
(00) 16.03.2023	(11) EP1844142	(00) 15.03.2023
(51) B60J 7/043	(00) 15.03.2023	(51) A61K 39/00
B60J 7/057	(51) A61K 9/66	C12N 15/85
(00) Change of owner(s) name	A61K 49/00	(00) Merge
(71) Mercedes-Benz Group AG	(00) Merge	(71) PureFize Technologies AB
(73) Mercedes-Benz Group AG	(71) Mercedes-Benz Group AG	(73) PureFize Technologies AB
(11) 2008870	(73) Mercedes-Benz Group AG	(11) EP2764529
(00) 16.03.2023	(11) EP2487058	(00) 14.03.2023
(51) B60J 7/02	(00) 16.03.2023	(51) H01J 1/304
B60J 7/04	(51) B60J 7/04	H01J 9/02
B60J 7/22	(00) Change of owner(s) name	H01J 63/04
(00) Change of owner(s) name	(71) PureFize Technologies AB	(00) Change of owner(s) name
(71) AUSHEALTH CORPORATE PTY LTD	(73) PureFize Technologies AB	(71) Mercedes-Benz Group AG
(73) Autobio Diagnostics Co., Ltd.	(11) EP2337432	(73) Mercedes-Benz Group AG
(11) EP1720971	(00) 14.03.2023	(11) EP2529965
(00) 15.03.2023	(51) H01J 1/304	(00) 16.03.2023
(51) C12M 1/26	H01J 63/04	(51) B60J 7/00
C12M 1/32	H05B 41/28	(00) Change of owner(s) name
(00) Change of owner(s) name	(00) Change of owner(s) name	(71) Windouble Corporation
(71) Autobio Diagnostics Co., Ltd.	(71) Lactocorder AG	(73) Windouble Corporation
(73) Autobio Diagnostics Co., Ltd.	(73) Lactocorder AG	(11) EP2745681
(11) EP1720971	(11) EP2373155	(00) 15.03.2023
(00) 15.03.2023	(00) 16.03.2023	(51) A01K 1/02
(51) C12M 1/26	(51) A01J 5/01	(00) Assignment
C12M 1/32	G01F 11/28	(71) MARELEC Food Technologies nv
(00) Assignment	G01F 13/00	(73) MARELEC Food Technologies nv
(71) PureFize Technologies AB	(00) Assignment	(11) EP2777390
(73) PureFize Technologies AB	(71) Procon US, Inc.	(00) 21.03.2023
(11) EP1739724	(73) Procon US, Inc.	(51) A01K 61/00
(00) 14.03.2023	(11) EP2686555	A01K 75/00
(51) H01J 63/04	(00) 20.03.2023	(00) Assignment
H01J 63/06	(51) B29C 45/00	(71) ANTERIS AUS OPERATIONS PTY LTD
(00) Change of owner(s) name	B29C 45/14	(73) ANTERIS AUS OPERATIONS PTY LTD
(71) Aldevron, L.L.C.	F01C 21/10	(11) EP1835948
(73) Aldevron, L.L.C.	F04B 53/16	(00) 21.03.2023
(11) EP1781800	F04C 2/344	(51) A61F 2/02
(00) 15.03.2023	(00) Assignment	A61F 2/24
(51) C12P 19/34	(71) TICO Research AG in Liquidation	A61L 27/24
	(73) Lactocorder AG	A61L 27/38

A61L 27/58	(00) 16.03.2023	(73) FRED HUTCHINSON CANCER CENTER
(00) Change of owner(s) name	(51) A61K 9/00	(11) EP3083671
(71) AVAGO TECHNOLOGIES	A61K 9/48	(00) 20.03.2023
INTERNATIONAL SALES PTE. LIMITED	A61K 38/12	(51) A61K 38/17
(73) AVAGO TECHNOLOGIES	A61K 38/21	A61K 38/20
INTERNATIONAL SALES PTE. LIMITED	A61K 38/28	A61K 39/00
(11) EP2688260	A61K 47/12	C07K 14/705
(00) 15.03.2023	(00) Merge	C07K 14/725
(51) H04L 25/03	(71) Illumina Singapore Pte. Ltd.	C07K 16/28
(00) Merge	(73) Illumina Singapore Pte. Ltd.	C07K 16/30
(71) Mercedes-Benz Group AG	(11) EP3146070	A61K 35/17
(73) Mercedes-Benz Group AG	(00) 14.03.2023	A61K 35/545
(11) EP2914463	(51) C12Q 1/68	(00) Change of owner(s) name
(00) 16.03.2023	(00) Assignment	(71) Aldevron, L.L.C.
(51) B60R 11/04	(71) Nanyang Technological University	(73) Aldevron, L.L.C.
B60S 1/08	PureFize Technologies AB	(11) EP2890404
(00) Change of owner(s) name	(73) Nanyang Technological University	(00) 15.03.2023
(71) Illumina, Inc.	PureFize Technologies AB	(51) A61K 39/00
(73) Illumina, Inc.	(11) EP3035368	A61K 48/00
(11) EP2480683	(00) 16.03.2023	C12N 15/63
(00) 20.03.2023	(51) H01J 61/30	C12N 15/70
(51) C12Q 1/68	H01J 63/04	C12N 15/85
(00) Assignment	H01J 63/06	(00) Merge
(71) CONEXIO GENOMICS PTY LTD	(00) Change of owner(s) name	(71) Seattle Children's Hospital, dba Seattle Children's Research Institute
(73) Illumina, Inc.	(71) J&P Coats Limited	FRED HUTCHINSON CANCER CENTER
(11) EP2480683	(73) J&P Coats Limited	(73) Seattle Children's Hospital, dba Seattle Children's Research Institute
(00) 20.03.2023	(11) EP2961293	FRED HUTCHINSON CANCER CENTER
(51) C12Q 1/68	(00) 15.03.2023	(73) Seattle Children's Hospital, dba Seattle Children's Research Institute
(00) Assignment	(51) A44B 19/26	FRED HUTCHINSON CANCER CENTER
(71) Procon US, Inc.	A44B 19/30	(11) EP2884999
(73) Procon US, Inc.	(00) Assignment	(00) 20.03.2023
(11) EP3055572	(71) Aldevron, L.L.C.	(51) C07K 14/705
(00) 20.03.2023	(73) Aldevron, L.L.C.	C07K 14/715
(51) F04B 53/16	(11) EP2333091	C07K 14/725
(00) Assignment	(00) 15.03.2023	C07K 16/28
(71) First Light Diagnostics, Inc.	(51) A61K 39/00	C07K 16/32
(73) First Light Diagnostics, Inc.	C12N 15/67	(00) Change of owner(s) name
(11) EP2344679	C12N 15/70	(71) Seattle Children's Hospital, dba Seattle Children's Research Institute
(00) 14.03.2023	C12N 15/85	SEATTLE CANCER CARE ALLIANCE
(51) C12Q 1/70	(00) Merge	(73) Seattle Children's Hospital, dba Seattle Children's Research Institute
(00) Change of owner(s) name	(71) Société des Produits Nestlé S.A.	FRED HUTCHINSON CANCER CENTER
(71) PureFize Technologies AB	(73) Société des Produits Nestlé S.A.	(11) EP2884999
(73) PureFize Technologies AB	(11) EP2968529	(00) 20.03.2023
(11) EP2375435	(00) 17.03.2023	(51) C07K 14/705
(00) 14.03.2023	(51) A61J 3/00	C07K 14/715
(51) H01J 1/304	A61J 3/07	C07K 14/725
H01J 31/12	A61K 9/48	C07K 16/28
H01J 63/02	A61K 39/35	C07K 16/32
(00) Change of owner(s) name	C07K 16/16	(11) EP2884999
(71) DIAGEO IRELAND UNLIMITED COMPANY	(00) Assignment	(00) 20.03.2023
(73) DIAGEO IRELAND UNLIMITED COMPANY	(71) Stichting tot beheer en ontwikkeling van intellectuele eigendom van "Babymoon"	(51) C07K 14/705
(11) EP2885227	(73) Stichting tot beheer en ontwikkeling van intellectuele eigendom van "Babymoon"	C07K 14/715
(00) 20.03.2023	(11) 2026562	C07K 14/725
(51) A47G 19/22	(00) 16.03.2023	C07K 16/28
B65D 85/73	(51) A47D 13/02	C07K 16/32
(00) Change of Legal Entity	(00) Assignment	(00) Merge
(71) AMT Medical B.V.	(71) Exact Sciences Corporation	(71) ByteMobile Innovations, LLC
(73) AMT Medical B.V.	(73) Exact Sciences Corporation	(73) ByteMobile Innovations, LLC
(11) EP2929843	(11) EP2069527	(11) EP2719144
(00) 14.03.2023	(00) 15.03.2023	(00) 17.03.2023
(51) A61B 17/122	(51) C12Q 1/68	(51) H04N 21/2662
(00) Assignment	(00) Merge	H04N 21/6379
(71) Amryt Endo, Inc.	(71) FRED HUTCHINSON CANCER CENTER	H04L 29/06
(73) Amryt Endo, Inc.		H04L 12/801
(11) EP2343982		(00) Assignment
		(71) Allied Tube & Conduit Corporation
		(73) Allied Tube & Conduit Corporation
		(11) EP2585748

(00) 15.03.2023	(73) Stichting tot beheer en ontwikkeling van	(73) SAMSHIELD SAS
(51) H02G 3/04	intellectuele eigendom van "Babymoon"	(11) EP3521240
H02G 3/32	(11) 2026561	(00) 14.03.2023
(00) Assignment	(00) 16.03.2023	(51) B68C 3/00
(71) Lactocorder AG	(51) A47D 13/02	B68C 3/02
(73) Lactocorder AG	(00) Assignment	(00) Assignment
(11) EP3669160	(71) SEATTLE CANCER CARE ALLIANCE	(71) Cilag GmbH International
(00) 16.03.2023	(73) FRED HUTCHINSON CANCER	(73) Cilag GmbH International
(51) A01J 5/007	CENTER	(11) EP3359012
G01N 1/20	(11) EP3083671	(00) 15.03.2023
(00) Assignment	(00) 20.03.2023	(51) A61B 1/313
(71) Siemens Gamesa Renewable Energy A/	(51) A61K 38/17	A61B 1/04
S	A61K 38/20	A61B 1/06
(73) Siemens Gamesa Renewable Energy A/	A61K 39/00	A61B 17/00
S	C07K 14/705	(00) Assignment
(11) EP3485163	C07K 14/725	(71) Illumina Singapore Pte. Ltd.
(00) 14.03.2023	C07K 16/28	(73) Illumina Singapore Pte. Ltd.
(51) F03D 80/60	C07K 16/30	(11) EP3710597
(00) Assignment	A61K 35/17	(00) 14.03.2023
(71) SEATTLE CANCER CARE ALLIANCE	A61K 35/545	(51) C12Q 1/6806
(73) FRED HUTCHINSON CANCER	(00) Merge	(00) Assignment
CENTER	(71) Exact Sciences Corporation	(71) Novel Microdevices, Inc.
(11) EP3430038	(73) Exact Sciences Corporation	(73) Novel Microdevices, Inc.
(00) 20.03.2023	(11) EP3434791	(11) EP3331451
(51) A61K 38/17	(00) 15.03.2023	(00) 17.03.2023
A61K 39/395	(51) C12Q 1/6886	(51) B01L 3/02
C07K 14/705	(00) Merge	B01L 3/00
C07K 14/725	(71) Nanyang Technological University	B01F 11/00
C07K 16/28	PureFize Technologies AB	B01F 13/00
C12N 15/62	(73) Nanyang Technological University	B01F 13/08
(00) Merge	PureFize Technologies AB	B01L 7/00
(71) ByteMobile Innovations, LLC	(11) EP3511974	G01N 1/38
(73) ByteMobile Innovations, LLC	(00) 16.03.2023	G01N 33/487
(11) EP2600576	(51) H01J 1/304	G01N 35/00
(00) 17.03.2023	H01J 61/30	(00) Change of Legal Entity
(51) H04L 12/801	H01J 63/04	(71) FRED HUTCHINSON CANCER
H04L 12/823	H01J 63/06	CENTER
H04L 12/825	(00) Change of owner(s) name	(73) FRED HUTCHINSON CANCER
H04L 12/841	(71) Procon US, Inc.	CENTER
H04L 12/853	(73) Procon US, Inc.	(11) EP3430038
(00) Assignment	(11) EP3403011	(00) 20.03.2023
(71) WALDNER Laboreinrichtungen SE & Co.	(00) 20.03.2023	(51) A61K 38/17
KG	(51) F16K 17/00	A61K 39/395
(73) WALDNER Laboreinrichtungen SE & Co.	F01C 21/10	C07K 14/705
KG	F04B 53/16	C07K 14/725
(11) EP3120431	F04C 14/28	C07K 16/28
(00) 30.12.2022	F16K 31/00	C12N 15/62
(51) H02G 3/04	F03G 7/06	(00) Change of owner(s) name
H02G 11/00	F04B 53/10	(71) MAN Truck & Bus SE
(00) Change of Legal Entity	(00) Assignment	(73) MAN Truck & Bus SE
(71) Illumina Singapore Pte. Ltd.	(71) Siemens Gamesa Renewable Energy A/	(11) EP3569474
(73) Illumina Singapore Pte. Ltd.	S	(00) 17.03.2023
(11) EP3673084	(73) Siemens Gamesa Renewable Energy A/	(51) B62D 5/00
(00) 14.03.2023	S	B60R 1/00
(51) C12Q 1/6844	(11) EP2672610	B62D 15/02
C12Q 1/686	(00) 14.03.2023	B62D 6/02
(00) Assignment	(51) H02K 1/14	B62D 5/04
(71) OGAB Limited	H02K 7/18	B62D 6/00
(73) OGAB Limited	(00) Assignment	(00) Assignment
(11) EP3265366	(71) TICO Research AG in Liquidation	(71) ABB E-mobility B.V.
(00) 17.03.2023	(73) Lactocorder AG	(73) ABB E-mobility B.V.
(51) B62D 35/00	(11) EP3669160	(11) EP3589513
B62D 37/02	(00) 16.03.2023	(00) 14.03.2023
F01N 13/08	(51) A01J 5/007	(51) B60L 3/00
(00) Assignment	G01N 1/20	B60L 3/04
(71) Stichting tot beheer en ontwikkeling van	(00) Change of owner(s) name	B60L 53/10
intellectuele eigendom van "Babymoon"	(71) SAMSHIELD SAS	B60L 53/30

B60L 53/31
H02J 7/00
H02J 7/34

(00) Assignment

(71) Stratasy, Inc.
(73) Stratasy, Inc.

(11) EP3581365

(00) 15.03.2023

(51) B29C 64/118

B29C 64/35
B29C 64/295
B33Y 30/00
B33Y 40/00

(00) Assignment

(71) Integrated DNA Technologies, Inc.

(73) Integrated DNA Technologies, Inc.

(11) EP3604544

(00) 20.03.2023

(51) C12N 15/66

C12Q 1/6855
C12Q 1/686
C12Q 1/689

(00) Assignment

(71) WALDNER Laboreinrichtungen SE & Co.

KG

(73) WALDNER Laboreinrichtungen SE & Co.

KG

(11) EP3562601

(00) 30.12.2022

(51) B08B 15/02

B01L 1/02
F24F 3/163

(00) Change of Legal Entity

(71) ByteMobile Innovations, LLC

(73) ByteMobile Innovations, LLC

(11) EP2719178

(00) 17.03.2023

(51) H04N 19/176

H04N 19/124
H04N 19/136
H04N 19/146
H04N 19/154
H04N 19/40

(00) Assignment

TVH

**Topografieën van halfgeleiderproducten.
Contains data concerning Semiconductors.**

UP1

**Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.
Contains data concerning European patents with registered Unitary Effect.**

UP2

Bevat gegevens over Europese octrooien met geregistreerd verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with registered request ex article 52a (restoration of validation right).

UP3

Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en complete validatie.

Contains data concerning European patents with accepted ex article 52a (restoration of validation right) and validation completed.

UP4

Bevat gegevens over Europese octrooien met geaccepteerd verzoek ex. artikel 52a (herstel recht op validatie) en geen complete validatie.

Contains data concerning European patents with accepted request ex article 52a (restoration of validation right) and incomplete validation.

UP5

Bevat gegevens over Europese octrooien met afgewezen verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with rejected request ex article 52a (restoration of validation right).

UP6

Bevat gegevens over Europese octrooien met ingetrokken verzoek ex. artikel 52a (herstel recht op validatie).

Contains data concerning European patents with withdrawn request ex article 52a (restoration of validation right).