



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 NP2 Bevat gegevens betreffende ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.	12 Heading NP2 Contains data concerning Netherlands patents which have been entered in the patent register under the Patents Act 1995.	12
Rubriek NP3 Bevat gegevens betreffende Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995.	13 Heading NP3 Contains data concerning Netherlands patents after partial renunciation confirm Article 63 of the Patents Act 1995.	13
Rubriek EP1 Bevat gegevens betreffende vertaalde conclusies van Europese octrooiaanvragen.	14 Heading EP1 Contains data concerning translations of the conclusions of European patent applications.	14
Rubriek EP2 Bevat gegevens betreffende voor Nederland verleende Europese octrooien.	15 Heading EP2 Contains data concerning European patents granted for The Netherlands.	15
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Rubriek EP4 Bevat gegevens betreffende voor Nederland verleende gewijzigde Europese octrooien.	178 Heading EP4 Contains data concerning European patents granted in amended form for the Netherlands.	178
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Europese octrooien waarvoor een gewijzigde vertaling is ingediend.	The Netherlands in which an amended translation was filed.	
Rubriek SPC Bevat gegevens betreffende ingeschreven en verleende certificaten	181Heading SPC Contains data concerning applications for- or granted Supplementary Protection Certificates.	181
Rubriek VB1 Bevat gegevens betreffende rechten waarvoor een verzoek of bezwaarschrift is ingediend conform de Octrooiwet 1995.	182Heading VB1 Contains data concerning requests and notices of opposition under the General administrative law.	182
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Rubriek MED Bevat gegevens betreffende overige mededelingen.	184Heading MED Contains data concerning other communications.	184
Rubriek VRV Bevat gegevens betreffende verval of nietigverklaring.	185Heading VRV Contains data concerning lapse or annulment.	185
Rubriek VRB Bevat gegevens betreffende verbeteringen op eerdere publicaties.	206Heading VRB Contains data concerning corrections on earlier publications.	206
Rubriek CO Bevat gegevens betreffende wijzigingen in het octrooiregister.	207Heading CO Contains data concerning changes in the Netherland patent register.	207
Rubriek TVH Bevat gegevens betreffende topografieën van halfgeleiderproducten.	211Heading TVH Contains data concerning depots of original topographies of semi-conductor products.	211

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Overzicht van Inid codes

INID CODES

Inid codes worden gebruikt op de voorpagina van octrooigeschriften en in octroobulletins. 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

Nederlandse octrooiaanvragen die zijn ingeschreven op grond van de Octrooiwet 1995. Contains data concerning Netherlands patent applications which have been entered in the patent register under the Patents Act 1995.

(51) A01B 79/02 A01G 22/00	(22) 28.04.2022	Lei Wang
(21) 2030985	(54) SAFETY PROTECTION HELMET FOR LIGHT AND SMALL UNMANNED AIRCRAFT	Kerong Dai
(22) 17.02.2022	(71) Northwestern Polytechnical University	(51) A61F 11/08
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(71) Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences	(72) Bo Cui	(22) 23.08.2021
(74) ir. W.J.J.M. Kempes	Yafeng Wang	(54) A hearing protector comprising a housing that is placeable in an auditory duct of a person, as well as a method of manufacturing such a hearing protector.
(72) Xurong Mei	Zheng Yang	(71) Elacin International B.V.
Enke Liu	Yazhou Guo	(74) ir. A. Blokland c.s.
Wenyi Dong	Yongjie Zhang	(72) Bas Fleskens
Xueli Zhang	Yingjie Huang	Joris Wels
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Changrong Yan	A47F 3/06	(51) A63B 22/02
Xiuli Zhong	E06B 3/50	(21) 2030743
(51) A01H 6/82	(21) 2032496	(22) 27.01.2022
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(21) 2032727	(71) BAICHENG NORMAL UNIVERSITY	(74) ir. W.J.J.M. Kempes
(22) 10.08.2022	(74) ir. M.B. Plaggenborg	(72) Wei Sun
(54) METHOD FOR IMPROVING THE QUALITY OF SOLANUM MELONGENA HYBRID SEED PRODUCTION BY USING GREENHOUSE	(72) Guandi Wang	Xiaona Yao
(71) WUHAN ACADEMY OF AGRICULTURAL SCIENCES	Zhe Luo	Jianmin Zhao
(74) ir. M.B. Plaggenborg	Danzuoni Chen	Xuwen Tian
(72) Min Zhang	Xi Wang	Qinglu Wang
Jie Tan	(31) 202122033667.X	Hongmei Sun
Hongyuan Zhang	(32) 26.08.2021	Zhiyuan Sun
Xia Chen	(33) China	Xun Li
Shuping Huang	(51) A61B 6/03	Xiangkun Nie
(31) 202110994765.1	G06T 7/00	Wei Han
(32) 27.08.2021	G06V 10/26	Peiming Xu
(33) China	(21) 2030778	Qipeng Song
(51) A41D 19/015	(22) 28.01.2022	(51) B01J 8/22
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(21) 2031735	(71) Northwest Minzu University	C10G 45/00
(22) 28.04.2022	(74) ir. M.B. Plaggenborg	(21) 2032837
(54) A MULTILAYER PROTECTIVE MATERIAL AND A SAFETY PROTECTIVE GLOVE MADE OF THE MATERIAL	(72) Tongtong Li	(22) 23.08.2022
(71) Northwestern Polytechnical University	Qiang Lin	(54) MICRO-INTERFACIAL STRENGTHENING REACTION SYSTEM
(74) ir. M.B. Plaggenborg	Zhengxing Man	(71) NANJING YANCHANG REACTION TECHNOLOGY RESEARCH INSTITUTE CO. LTD
(72) Yazhou Guo	Yongchun Cao	(74) G.R. Sach
Yongjie Zhang	(51) A61F 2/28	(72) Zheng Zhou
Yingjie Huang	(21) 2031723	Zhibing Zhang
Renzhong Guo	(22) 28.04.2022	Feng Zhang
Hao Dong	(54) IMPLANT FOR REPAIR OF BONE DEFECT, METHOD FOR CONSTRUCTING AND PREPARING, COMPUTER-READABLE STORAGE MEDIUM, AND DEVICE	Gaodong Yang
Yafeng Wang	(71) SHANGHAI NINTH PEOPLE'S HOSPITAL, SHANGHAI JIAOTONG UNIVERSITY SCHOOL OF MEDICINE	Leil Li
(51) A42B 3/06	(74) M. Schmid	Baorong Wang
(21) 2031732	(72) Wenbo Jiang	Huaxun Luo
	Yongqiang Hao	Guoqiang Yang
	Kai Xie	Hongzhou Tian
		Weimin Meng
		(51) B01J 23/63
		B01D 53/86

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(21) 2030757
(22) 27.01.2022
(54) METHOD FOR PREPARING MONOLITHIC CATALYST FOR CATALYTIC OXIDATION OF VOCS
(71) Beijing University of Technology
(74) ir. M.B. Plaggenborg
(72) Wenjun Liang
Qinglei Li
Sida Ren
Haolin Ju
-
- (51) B01J 27/043
C01G 11/00
C01G 9/00
(21) 2030279
(22) 23.12.2021
(54) GO@CD1-XZNXS POLYHEDRAL MATERIAL WITH RICH SULPHUR VACANCIES AND HIGH-INDEX FACETS AND PREPARATION METHOD OF MATERIAL
(71) QINGDAO UNIVERSITY OF SCIENCE AND TECHNOLOGY
(74) ir. M.B. Plaggenborg
(72) Dan Yang
Caixia Song
Shuhua Lv
Xiaoye Gao
Debao Wang
(31) 202110976037.8
(32) 24.08.2021
(33) China
-
- (51) B09C 1/08
(21) 2031159
(22) 04.03.2022
(54) A Method for Removing Organochlorine Compounds in soil by Chelating Agent-Enhanced Advanced Oxidation Under Electrokinetic Remediation
(71) INSTITUTE OF SOIL SCIENCE, CHINESE ACADEMY OF SCIENCES
(74) M. Schmid
(72) Hongjie Sheng
Fang Wang
Fidele Suanon
Leilei Xiang
Yongrong Bian
Xin Jiang
-
- (51) B23K 37/04
B23K 9/127
B23K 9/28
B23K 9/32
(21) 2030759
(22) 27.01.2022
(54) WELDING PROTECTION DEVICE, ARC WELDING SYSTEM AND WELDING METHOD
(71) Zhejiang Normal University
(74) ir. M.B. Plaggenborg
(72) Dongyun Wang
Shiju E
Hu Lan
Jinghong Tian
Wei Zhang
-
- (51) B60L 53/16
B60L 53/62
(21) 2029022
- (22) 23.08.2021
(54) An adapter, system and arrangement for monitoring the battery of an electric vehicle
(71) Hendricus Johannes Bernardus Wijnans
Ralf Arnoldus Antonius Adams
(74) mr. ir. J. van Breda c.s.
(72) Hendricus Johannes Bernardus Wijnans
Ralf Arnoldus Antonius Adams
Eric Coenraad Huijding
(41) 03.03.2023
-
- (51) B62J 11/13
B62J 11/10
B62K 19/32
B62K 21/12
(21) 2032815
(22) 22.08.2022
(54) CABLE POSITIONING DEVICE FOR BICYCLE
(71) HSIN LUNG ACCESSORIES CO., LTD.
(74) ir. J.H. de Hoog
(72) Xue-Sen Liao
(31) 110210137
(32) 27.08.2021
(33) Taiwan, Chinese Taipei
-
- (51) C02F 9/00
(21) 2029916
(22) 25.11.2021
(54) ADVANCED TREATMENT METHOD FOR COKING WASTEWATER
(71) BEIJING JIAOTONG UNIVERSITY
(74) ir. M.B. Plaggenborg
(72) Hong Yao
Liru Fan
Anming Yang
-
- (51) C09K 5/06
(21) 2033966
(22) 16.01.2023
(54) MULTIFUNCTIONAL COMPOSITE PHASE CHANGE MATERIAL SUPPORTED BY NICKEL-PLATED FOAM AND MXENE COLLABORATIVELY, AND PREPARATION METHOD THEREOF
(71) Guizhou University
(74) ir. M.B. Plaggenborg
(72) Bai Xue
Ziling Cheng
(31) 202210073533.7
(32) 21.01.2022
(33) China
-
- (51) C12Q 1/10
(21) 2032659
(22) 02.08.2022
(54) Method for detecting Cronobacter in infant formula milk powder
(71) HEFEI UNIVERSITY OF TECHNOLOGY
(74) dr. T. Wittop Koning PhD
(72) Yang Wang
Na Ling
Xiuting Jiang
Yingwang Ye
Jingjing Dong
(31) 202110924000.0
(32) 12.08.2021
(33) China
-
- (51) C23C 24/10
(21) 2030746
(22) 27.01.2022
(54) METHOD FOR PREPARING IN-SITU SYNTHESIZED Al-Fe-Si TERNARY CERAMICS/FE-BASED COMPOSITE COATING BY LASER IRRADIATION
(71) East China Jiaotong University
(74) ir. W.J.J.M. Kempes
(72) Longzhi Zhao
Mingjuan Zhao
Baoping Li
Yong Hu
Yumeng Guan
Ziwei Cheng
Haitao Jiao
Yanchuan Tang
Dejia Liu
Xiaoxue Lin
Meng Yu
-
- (51) C25B 11/091
C25B 1/04
C25B 11/031
C25B 11/054
(21) 2030278
(22) 23.12.2021
(54) N-GO@CO-NI12P5-NI3P/NCF COMPOSITE ELECTRODE MATERIAL AND PREPARATION METHOD THEREOF
(71) QINGDAO UNIVERSITY OF SCIENCE AND TECHNOLOGY
(74) ir. M.B. Plaggenborg
(72) Caixia Song
Debao Wang
Miaomiao Xing
Yanhong Zhou
(31) 202110977450.6
(32) 24.08.2021
(33) China
-
- (51) E02D 7/24
E02D 7/28
E21B 7/18
(21) 2031957
(22) 23.05.2022
(54) CONSTRUCTION EQUIPMENT AND CONSTRUCTION METHOD FOR DRILLED CAST-IN-PLACE PILE BY HIGH-PRESSURE WATER JET
(71) Chongqing University

(74) drs. C.M.A. Quintelier	(72) Yuye Tan	Yue Song
(72) Hanlong Liu	Jianxin Fu	Wei Liu
Qiang Ou	Weidong Song	(51) G01R 31/34
Xuanming Ding	Chuan Tong	H02K 15/02
Hang Zhou	(51) G01J 5/00	(21) 2030758
Chenglong Wang	G07C 9/00	(22) 27.01.2022
(31) 202110998445.3	H04L 67/12	(54) INTELLIGENT ASSEMBLY LINE FOR
(32) 27.08.2021	(21) 2030733	MOTOR ROTOR OF FLEXIBLE WIPER
(33) China	(22) 26.01.2022	(71) Zhejiang Normal University
(51) E21B 7/18	(54) HOSPITAL BUILDING EPIDEMIC	(74) ir. M.B. Plaggenborg
E02D 5/34	PREVENTION SYSTEM BASED ON 5G	(72) Wei Zhang
(21) 2032071	INTERNET OF THINGS	Jinghong Tian
(22) 02.06.2022	(71) MAOMING PEOPLE'S HOSPITAL	Shiju E
(54) DEVICE AND METHOD FOR	(74) ir. M.B. Plaggenborg	Dongyun Wang
CONSTRUCTION OF BORED CAST-	(72) Fengqin Chen	Hu Lan
IN-PLACE PILE BY HIGH-PRESSURE	Wendong Huang	(51) G03F 1/62
WATER JET	Shuyuan Zhang	(21) 2032636
(71) Chongqing University	Haiyan Zeng	(22) 29.07.2022
(74) drs. C.M.A. Quintelier	Jian Cao	(54) PELLICLE MEMBRANE
(72) Qiang Ou	Xinqi Deng	(71) ASML Netherlands B.V.
Hanlong Liu	Jinbo Huang	(74) ir. A.J.M. van Hoef
Xuanming Ding	Xianjun Wu	(72) Lourdes Ferre Llin
Hang Zhou	(51) G01M 99/00	Maxime Biron
Chenglong Wang	G01N 3/00	Anne-Sophie Rollier
(31) 202110996807.5	G01N 3/02	Franciscus Theodorus Agricola
(32) 27.08.2021	(21) 2031733	Fai Tong Si
(33) China	(22) 28.04.2022	Dennis de Graaf
(51) F21V 23/06	(54) A LOAD MEASURING DEVICE	Chaitanya Krishna Ande
F21V 31/00	FOR FREEZING TEST IN LOW	Inci Donmez Noyan
F21V 5/00	TEMPERATURE ENVIRONMENT TEST	Ties Wouter van der Woord
(21) 2029021	CHAMBER	Adrianus Johannes Maria Giesbers
(22) 23.08.2021	(71) Northwestern Polytechnical University	(31) 21193346.0
(54) OPTICAL PLATE WITH INTEGRATED	(74) ir. M.B. Plaggenborg	(32) 26.08.2021
CONNECTION	(72) Yongjie Zhang	(33) European Patent Office (EPO)
(71) SCHREDER S.A	Guisen Luo	(51) G06F 9/445
(74) dr. ir. G.J.C. Verdijck c.s.	Yunhui Zhang	(21) 2031648
(72) Paul Smets	Bo Cui	(22) 20.04.2022
Vincent Lang	(51) G01N 33/558	(54) CONFLICT DETECTION METHOD AND
John Witczak	G01N 33/573	SYSTEM FOR INTERNET OF THINGS
(41) 03.03.2023	G01N 33/577	(IoT) DEVICE SCHEDULING
(51) G01B 11/22	(21) 2030919	(71) East China Normal University
G01B 11/24	(22) 11.02.2022	Peking University
G01N 21/45	(54) AUXILIARY RAPID DIAGNOSIS	(74) ir. M.B. Plaggenborg
G01N 21/95	METHOD FOR BOVINE	(72) Xiaohong Chen
(21) 2030748	ENDOMETRITIS BASED ON	Zhi Jin
(22) 27.01.2022	DETECTION OF BOVINE CREATINE	Han Bian
(54) OPTICAL COHERENCE TOMOGRAPHY	KINASE	(51) G06Q 50/00
TESTING SYSTEM	(71) Inner Mongolia Academy of Agricultural	H04L 9/40
(71) Changchun University of Science and	Sciences	(21) 2031046
Technology	Chifeng Agriculture and Animal	(22) 23.02.2022
Changchun Normal University	Husbandry Bureau	(54) System and method for detecting
(74) ir. W.J.J.M. Kempes	(74) ir. M.B. Plaggenborg	reputation attacks
(72) Zhengying Jiang	(72) Yuemei Zhang	(71) Trust, Ltd
Zhengang Jiang	Shihua Zhao	(74) ir. A.R. Aalbers
Feng Ren	Qun Hu	(72) Igor Nezhdanov
(51) G01C 11/00	Yehong Lu	(31) 2021125359
G01S 17/48	Guicheng Jiang	(32) 27.08.2021
(21) 2030831	Wei Chen	(33) Russian Federation
(22) 07.02.2022	Yiming Chen	(51) G06Q 50/06
(54) COMPUTER IMPLEMENTATION	Dalaibaolige	H02S 10/00
METHOD BASED ON USING	Boming Chen	G06N 20/10
UNMANNED AERIAL VEHICLE TO	Fan Bai	(21) 2033884
SCANN UNDERGROUND GOAF	Dajun Hu	(22) 30.12.2022
(71) University of Science and Technology	Fan Zhang	(54) A Photovoltaic Power Prediction Method,
Beijing	Zhen Zhong	System and Medium
Shandong Gold Mining (Laizhou) Co.,	Bin Yang	(71) Gansu Tongxing Intelligent Technology
Ltd. Jiaojia Gold Mine	Na Wang	Development CO., LTD.
(74) ir. W.J.J.M. Kempes	Lingli Dai	

State Grid Gansu Electric Power Company	(71) Chongqing Vocational Institute of Engineering
(74) dr. A.V. Huygens	(74) ir. M.B. Plaggenborg
(72) Zifen Han	(72) Xiayi Wu
Dingmei Wang	Sha Wang
Yuanfeng Zhang	Shaohua Fu
Peng Zhang	Maoxia Wang
Xu Zhang	Li Xiang
Chang'an He	Guting Zhou
Jianhua Sun	Yingting Tao
Jiayu Fu	Xiao Fu
Yan Feng	Lan Peng
Lu Wang	(31) 202110991084.X
Jian Sun	(32) 26.08.2021
Taibei Guo	(33) China
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(51) G07F 11/44	(51) H02S 40/34
A61J 7/00	(21) 2033975
G07F 11/62	(22) 17.01.2023
G07F 17/00	(54) A WIRING STRUCTURE OF PHOTOVOLTAIC MODULE
(21) 2029019	(71) HUANENG RENEWABLES CORPORATION LIMITED HEBEI BRANCH
(22) 23.08.2021	
(54) Filling station and method for filling a feeder unit with discrete medicaments	
(71) VMI Holland B.V.	(74) dr. R.C. van Duijvenbode c.s.
(74) dr. R.C. van Duijvenbode c.s.	(72) Yi Liu
(72) Patrick van Voorn	Qiang Qiao
Anthonius Maria Hendrina de Boer	Xiangwei Wang
Cornelis Jan Jochemsen	Yang Yu
(41) 03.03.2023	Xiujia Zhang
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(51) G16H 40/20	Haiyu Zhao
(21) 2030956	(31) 2022113346746
(22) 15.02.2022	(32) 28.10.2022
(54) UNDERREPORTING PREVENTING MANAGEMENT SYSTEM AND METHOD FOR NOTIFIABLE INFECTIOUS DISEASES SUCH AS HAND-FOOT-AND-MOUTH DISEASES, INFLUENZA AND THE LIKE	(33) China
(71) Wuxi Center for Disease Control and Prevention	
(74) ir. M.B. Plaggenborg	
(72) Chao Shi	
Bing Lu	
Jiandong Jiao	
Juan Liu	
Honghong Peng	
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(51) H01M 4/36	
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(22) 17.02.2022	
(54) METHOD FOR COATING SPINEL TYPE LITHIUM MANGANATE POSITIVE ELECTRODE MATERIAL FOR LITHIUM BATTERY	
(71) University of Science and Technology Beijing	
Beijing Dingxin Ganglian Technology Collaborative Innovation Research Institute Co., Ltd.	
(74) ir. M.B. Plaggenborg	
(72) Chongchao Pan	
Yusong Liu	
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(54) SAFETY DEVICE FOR PREVENTING ELECTRIC SHOCK OF PLUG	

NP2

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(22) 23.08.2021	(51) F21V 23/06
(54) A hearing protector comprising a housing	F21V 31/00
that is placeable in an auditory duct	F21V 5/00
of a person, as well as a method of	(11) 2029021
manufacturing such a hearing protector.	(47) 03.03.2023
(73) Elacin International B.V.	(22) 23.08.2021
(72) Bas Fleskens	(54) OPTICAL PLATE WITH INTEGRATED
Joris Wels	CONNECTION
(74) ir. A. Blokland c.s.	(73) SCHREDER S.A
(51) B60L 53/16	(72) Paul Smets
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(11) 2029022	John Witczak
(47) 03.03.2023	(74) dr. ir. G.J.C. Verdijck c.s.
(22) 23.08.2021	(51) G07F 11/44
(54) An adapter, system and arrangement	A61J 7/00
for monitoring the battery of an electric	G07F 11/62
vehicle	G07F 17/00
(73) Hendricus Johannes Bernardus Wijnans	(11) 2029019
Ralf Arnoldus Antonius Adams	(47) 03.03.2023
(72) Hendricus Johannes Bernardus Wijnans	(22) 23.08.2021
Ralf Arnoldus Antonius Adams	(54) Filling station and method for filling a
Eric Coenraad Huijding	feeder unit with discrete medicaments
(74) mr. ir. J. van Breda c.s.	(73) VMI Holland B.V.
(51) C12Q 1/6888	(72) Patrick van Voorn
(11) 2032310	Anthonius Maria Hendrina de Boer
(47) 03.03.2023	Cornelis Jan Jochemsen
(22) 28.06.2022	(74) dr. R.C. van Duijvenbode c.s.
(54) KIT AND METHOD FOR IDENTIFYING	
EOSPALAX FONTANIERI	
(73) Northwest Institute of Plateau Biology,	
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(72) Tongzuo Zhang	
Pengfei Song	
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(54) RELIABILITY MONITORING DEVICE	
FOR KEY COMPONENT OF	
UNDERGROUND FLAMEPROOF	
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(73) North China University of Technology	
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NP3

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Contains data concerning Netherlands patents which have been entered in the patent
register (after limitation procedure) under the Patents Act 1995.**

EP1

Vertaalde conclusies van Europese octrooiaanvragen.

Contains data concerning translations of the claims of European patent applications.

EP2

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(73) CLAAS E-Systems GmbH	Dehmelt, Jan	(73) Cultivation Systems B.V.
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Losch, Michael	(51) A01D 75/18	(31) 2022517
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G06K 15/00	(73) Fliegl Agrartechnik GmbH	

(54) GARDEN HOSE ON/OFF TIMER UNIT WITH VIEWING ANGLE ADJUSTABLE DISPLAY PANEL	(33) Australia	LARSON, Christopher, L.
(73) Shin Tai Spurt Water Of The Garden Tools Co., Ltd.	(51) A01M 21/02	SINGLETON, Mark, T.
(72) Chen, Chin-Yuan	A01B 19/10	KATARIA, Kamal, L.
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A01K 31/04	A01B 73/04	LOVELACE, Thomas, C.
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(54) PRESSURE DISTRIBUTION ELEMENT HOLDING A RING FOR CHEST HARNESES	(33) Spain	(73) Kuchenmeister GmbH
(73) Sebö, Gyula	(51) A01N 25/10	(72) JANK, Rüdiger
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MANUFACTURE OF A FORM	(54) UNFUSED THERMAL SUPPORT AREA	FOR PRODUCING FLEXIBLE TUBE
USING MICROWAVE RADIATION,	IN 3D FABRICATION SYSTEMS	BODIES FOR PACKAGING TUBES
MICROWAVE PRINTING DEVICE	(73) Hewlett-Packard Development Company,	(73) PackSys Global AG
AND ADDITIVE PRINTING DEVICE	L.P.	(72) SCHUHN, Daniel
FOR 3D PRINTING OF A FILAMENT	(72) HUANG, Wei	ESSER, Ulrich
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SHEFLIN, Joseph C.	B60C 1/00	(31) 102019213570
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(72) WIMMER, Doris Maria	(47) 08.03.2023	(47) 08.03.2023
ORTMANN, Simon	(87) JP2018043531	(22) 05.08.2020
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(33) Germany	(73) Bridgestone Corporation	Heinhaupt, Torsten
(51) B60C 1/00	(72) ISHIHARA, Nobuyuki	(31) 102019213251
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PREPARATION AND THEIR USE IN	(73) Continental Reifen Deutschland GmbH	(73) Bridgestone Europe NV/SA
THE PRODUCTION OF RUBBERS	(72) Henze, Eugen - c/o Continental AG	(72) CIARAVOLA, Vincenzo
(73) Synthos S.A.	Pagac, Lubomir - c/o Continental AG	MAGGI, Marco Andrea
Synthos Dwory 7 spolka z ograniczona	Thevanayagam, Paul - c/o Continental	COROLLARO, Alfredo
odpowiedzialnoscia spolka jawna	AG	ALLEVA, Lorenzo
(72) SIOLEK-KOMOREK, Maria	(31) 102020204068	BOLDRINI, Alessandro
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WEDA, Pawel	(33) Germany	FLAVIA, Rufini
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(33) Japan	(33) Japan	HORITA, Yoshihiko
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(54) TRANSMITTER AND TIRE STATE MONITORING DEVICE	GARINO, Thierry	(51) B60K 6/365
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(72) TSUJITA, Yasuhisa	(31) 1850406	B60W 10/02
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B60W 10/02	(22) 26.04.2019	OPERATING DEVICE
B60W 30/20	(54) METHOD AND DEVICE FOR	(73) Continental Automotive Technologies
B60K 6/48	CONTROLLING A DRIVER	GmbH
B60K 6/54	ASSISTANCE	(72) BRÜNINGHAUS, Andreas
B60W 20/40	(73) Zenuity AB	FEINEIS, Susanne
B60L 50/16	(72) OLSSON, Claes	THIEL, Kerstin
B60W 10/06	ERIKSSON, Henrik	BEILKER, Dirk
B60W 10/08	EKENBERG, Andreas	NEUMANN, Thorsten
B60W 10/26	NILSSON, Jonas	(31) 102019200090
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(54) METHOD AND DEVICE FOR	(33) Japan	B60W 10/08
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INFORMATION OF AN ELECTRICALLY	B60K 37/06	B60L 15/20
DRIVEN WHEEL OF A MOTOR	B60S 1/56	H02P 5/00
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AND A METHOD FOR PROVIDING A	(51) B60K 37/06	(32) 19.08.2014
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(47) 08.03.2023	OF CONTROLLING OPERATION	(51) B60L 53/16
(22) 11.02.2022	THEREOF	H01R 13/629
(54) CURRENT COLLECTOR HEAD	(73) General Electric Company	H01R 13/631
AND METHOD FOR PRODUCING A	(72) ZHOU, Zhi	B60L 53/30
CURRENT COLLECTOR HEAD	KING, Robert Dean	(11) EP3626511
(73) Conductix-Wampfler GmbH	ZHOU, Jian	(21) EP18195195.5
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ENERGY	SUCH AN INSTALLATION	OPERATING METHOD FOR SAME
(73) Huawei Technologies Co., Ltd.	(73) Safran Helicopter Engines	(73) MULAG FAHRZEUGWERK Heinz
(72) LIU, Zuqi	(72) POUMAREDE, Vincent	Wössner GmbH & CO. KG
ZHENG, Jianfeng	MARIN, Jean-Philippe, Jacques	(72) WÖSSNER, Holger
MA, Jinbo	(31) 1903926	(31) 102018121441
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B65G 54/02	(11) EP3151378	(11) EP3752388
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(54) METHOD FOR CONTROLLING THE	(54) COOLING DEVICE AND WIRELESS	(54) ATTACHMENT FOR INTERNAL
NORMAL FORCE OF A TRANSPORT	POWER SUPPLY SYSTEM	FIXTURES OF VEHICLES
UNIT OF A LINEAR MOTOR WITH	(73) IHI Corporation	(73) Siemens Mobility Austria GmbH
GUIDEWAY STATOR	(72) NIIZUMA, Motonao	(72) MACK, Florian
(73) B&R Industrial Automation GmbH	UEDA, Akio	MISLIK, Helga
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(33) Austria	B60L 53/36	B60R 21/02
(51) B60L 15/20	(11) EP3715170	B60R 21/06
B60L 7/14	(21) EP20158967.8	(11) EP3763562
B60L 15/00	(47) 08.03.2023	(21) EP19185014.8
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B66F 9/14	(22) 11.09.2019	30.07.2020
B66F 9/16	(54) VEHICLE STEERING WHEEL	(22) 23.01.2020
B66F 9/18	COMPRISING A HORN CONTROL	(54) DEVICE FOR INITIATING A
(11) EP3971029	DEVICE, VEHICLE WITH SUCH A	PROTECTIVE FUNCTION IN A
(21) EP21189569.3	STEERING WHEEL, METHOD FOR	VEHICLE
(47) 08.03.2023	ASSEMBLING SUCH A STEERING	(73) Elmos Semiconductor SE
(22) 04.08.2021	WHEEL	(72) ABAZA, Fikret
(54) ROUTE TRAIN TRAILER	(73) Autoliv Development AB	SCHÜRSTEDT, Jens-Arne
(73) LR Intralogistik GmbH	(72) BERTRAND, Olivier	(31) 102019101739
(72) KOLLMANNBERGER, Josef	DOURSOUX, Hugues	102019101735
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EXTENDING THE INTERIOR OF	(47) 08.03.2023	Germany
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PARTICULAR CARAVANS	(54) A LOAD CARRIER	B60R 22/18
(73) Hödl, Peter	(73) Thule Sweden AB	(11) EP3867108
(72) Hödl, Peter	(72) ALMHILL, Stefan	(21) EP19748718.4
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B60Q 1/14	(11) EP3974259	(54) SAFETY BELT BUCKLE ASSEMBLY
B60Q 1/00	(21) EP21196070.3	FOR A VEHICLE, CASING, AND
(11) EP3957522	(47) 08.03.2023	METHOD FOR ENCASING A SAFETY
(21) EP21181096.5	(22) 10.09.2021	BELT BUCKLE DEVICE OF THE
(47) 08.03.2023	(54) SPEAKER DISPOSITION STRUCTURE	SAFETY BELT BUCKLE ASSEMBLY
(22) 23.06.2021	OF VEHICLE	(73) PSA Automobiles SA
(54) AGRICULTURAL WORK MACHINE AND	(73) MAZDA MOTOR CORPORATION	(72) KLEINAU, Ingo
METHOD FOR OPERATING SAME	(72) Mutsura, Kiyoshi	SCHULZ, Edelgard
(73) CLAAS Selbstfahrende Erntemaschinen	Hirao, Kouki	WYDROWSKI, Sven
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F21S 43/40	AND FIXED BODY OF ROTARY	MUROZAKI, Yoshihiro
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(73) JTEKT CORPORATION	(72) BEZEALT, Loic LAW, Robin	(72) HØVIK, Jon HAFSLUND, Georg-Henden
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TETRAHYDROSPIRO[INDAZOLE-5,4'-	COMPOUNDS AS TOLL-LIKE	LI, Chao
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	Hydra Biosciences, LLC	HAHN, Patric James

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PENG, Jielin	F25B 49/02	F24F 1/16
HE, Tian	F16K 17/40	F24F 1/30
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F16K 11/06	(54) THERMOACOUSTIC DEVICE	CHENG, Xin
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(54) JOINT	(73) Latschbacher GmbH	Elektronik und Messtechnik.
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(51) G01N 30/86	G01N 21/78	DIABETES DEVELOPMENT THROUGH
G01N 30/62	G01N 33/536	ANALYSIS OF N-GLYCANS ATTACHED
G01N 30/46	B01L 3/00	TO THE PLASMA PROTEINS OF A
G01N 30/04	G01N 33/543	HEALTHY PERSON
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E21B 49/00	TARGET, SENSOR FOR ANALYZING	PILZYS, Tomas
G01N 33/24	DETECTION TARGET, METHOD FOR	MARCINKOWSKI, Michal
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OR ALUMINA COLUMN FOR	(51) G01V 3/08	G01W 1/14
MOLYBDENUM CONTENT	G01R 33/34	G01W 1/00
(73) Curium US LLC	(11) EP2845037	(11) EP3969945
(72) GRAVES, Kevin Bartlett	(21) EP12875769.7	(21) EP20731926.0
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(51) G01T 1/29	COIL FOR MAGNETIC RESONANCE	METHOD AND DEVICE
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(21) EP20179036.7	(73) Children's Hospital Medical Center	(72) HALLALI, Ruben
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(54) METHOD AND APPARATUS FOR	LOEW, Wolfgang	(31) 1905057
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APPLICATION	(32) 30.04.2012	(33) France
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(51) G01V 1/18	(54) INTRINSIC GRAVITY GRADIOMETER	C09J 7/38
G01H 9/00	AND GRAVITY GRADIOMETRY	(11) EP3491431
G01L 1/24	(73) The University Of Western Australia	(21) EP17835362.9
G01M 11/00	Veryaskin, Alexey Vladimirovich	(47) 08.03.2023
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(47) 08.03.2023	(31) 2016904294	WEB AND CORRESPONDING
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G02B 27/01	FOR INTERPUPILLARY-DISTANCE-	(11) EP3757659
G02B 27/14	ADJUSTABLE HEAD-MOUNTED	(21) EP20191438.9
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(47) 08.03.2023	(72) ZHANG, Rui	(54) METHODS AND SYSTEM FOR
(22) 14.11.2018	YU, Michael Xingyi	CREATING FOCAL PLANES USING AN
(54) HEAD UP DISPLAY (HUD) SYSTEM	(31) 201715691443	ALVAREZ LENS
AND OPTICAL ELEMENT FOR HUD	(32) 30.08.2017	(73) Magic Leap, Inc.
(73) Samsung Electronics Co., Ltd.	(33) United States of America	(72) TEKOLSTE, Robert Dale
(72) LEE, Jinho	(51) G02B 27/01	(31) 201562106391 P
MALINOVSKAYA, Elena	G02B 27/00	(32) 22.01.2015
YANUSIK, Igor	(11) EP3811142	(33) United States of America
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NAM, Dong Kyung	(47) 08.03.2023	G02B 27/01
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(31) 20170158610	26.12.2019	(11) EP3916465
(32) 24.11.2017	(22) 10.06.2019	(21) EP21186747.8
(33) Korea (Republic)	(54) DISPLAY SYSTEM WITH A SINGLE	(47) 08.03.2023
(51) G02B 27/00	PLATE OPTICAL WAVEGUIDE AND	(22) 03.05.2018
G02B 27/01	INDEPENDENTLY ADJUSTABLE	(54) FIXED FOCUS IMAGE LIGHT
F21V 8/00	MICRO DISPLAY ARRAYS	GUIDE WITH ZONED DIFFRACTION
(11) EP3903138	(73) Microsoft Technology Licensing, LLC	GRATINGS
(21) EP20702056.1	(72) BOHN, David D.	(73) Vuzix Corporation
(47) 08.03.2023	(31) 201816016366	(72) SCHULTZ, Robert J.
(87) IL2020050098	(32) 22.06.2018	KOWARZ, Marek
30.07.2020	(33) United States of America	TRAVERS, Paul
(22) 26.01.2020	(51) G02B 27/01	(31) 201762507550 P
(54) OPTICAL SYSTEMS INCLUDING LOE	G02F 1/1333	(32) 17.05.2017
WITH THREE STAGE EXPANSION	G02F 1/1362	(33) United States of America
(73) Lumus Ltd.	G02B 6/00	(51) G02C 7/02
(72) DANZIGER, Yochay	F21V 8/00	G02C 7/06
CHRIKI, Ronen	G02F 1/13357	(11) EP2937728
GELBERG, Jonathan	(11) EP3655817	(21) EP13864423.2
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(32) 24.01.2019	(47) 08.03.2023	(87) JP2013082090
(33) United States of America	(87) IL2018050798	26.06.2014
(51) G02B 27/00	24.01.2019	(22) 28.11.2013
G02B 27/01	(22) 19.07.2018	(54) MANUFACTURING APPARATUS AND
G02B 30/22	(54) LCOS ILLUMINATION VIA LOE	MANUFACTURING METHOD FOR
G02B 27/42	(73) Lumus Ltd.	SPECTACLE LENS
F21V 8/00	(72) SHARLIN, Elad	(73) HOYA Corporation
(11) EP3610316	DANZIGER, Yochay	(72) KOZU, Kazuma
(21) EP18801328.8	(31) 201762534226 P	(31) 2012276545
(47) 08.03.2023	(32) 19.07.2017	(32) 19.12.2012
(87) US2018030821	(33) United States of America	(33) Japan
22.11.2018	(51) G02B 27/01	(51) G02C 7/08
(22) 03.05.2018	G02F 1/153	G02B 27/01
(54) FIXED FOCUS IMAGE LIGHT	G02B 1/11	G02B 27/00
GUIDE WITH ZONED DIFFRACTION	G02B 1/14	G02C 7/02
GRATINGS	B32B 17/10	(11) EP3602186
(73) Vuzix Corporation	(11) EP3452318	(21) EP18713181.8
(72) SCHULTZ, Robert, J.	(21) EP17828543.3	(47) 08.03.2023
KOWARZ, Marek, W.	(47) 08.03.2023	(87) EP2018057043
TRAVERS, Paul, J.	(87) US2017042165	27.09.2018
(31) 201762507550 P	18.01.2018	(22) 20.03.2018
(32) 17.05.2017	(22) 14.07.2017	(54) OPTICAL DEVICE ADAPTED TO BE
(33) United States of America	(54) HEADS-UP DISPLAY COMPRISING AN	WORN BY A WEARER
(51) G02B 27/01	ELECTRO-OPTIC ASSEMBLY	(73) Essilor International
G02B 7/12	(73) Gentex Corporation	(72) BARANTON, Konogan
G02B 27/04	(72) SAENGER NAYVER, Mario F.	ROUSSEAU, Benjamin
H04N 13/344	ANDERSON, John S.	FERMIGIER, Bruno
(11) EP3676654	NEUMAN, George A.	POULAIN, Isabelle
(21) EP18852431.8	(31) 201662363038 P	TRANVOUEZ-BERNARDIN, Delphine
(47) 08.03.2023	(32) 15.07.2016	(31) 17305313
(87) US2018048178	(33) United States of America	(32) 21.03.2017

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<p>(51) G02F 1/1333 G01D 11/24 H04N 5/64 G09G 3/00 H04N 5/655 (11) EP3683619 (21) EP18872131.0 (47) 08.03.2023 (87) KR2018010061 09.05.2019 (22) 30.08.2018 (54) DISPLAY DEVICE (73) Samsung Electronics Co., Ltd. (72) YUK, Jin Kook PARK, Doo Soon (31) 20170145995 (32) 03.11.2017 (33) Korea (Republic)</p>	<p>(22) 16.01.2018 (54) DISPLAY APPARATUS (73) Samsung Electronics Co., Ltd. (72) BAEK, Do Hyeon WOO, Sung Je JUNG, Hyun Jun HAN, Jong Hee (31) 20170011798 (32) 25.01.2017 (33) Korea (Republic)</p>	<p>(51) G04B 11/00 G04F 7/08 (11) EP3869278 (21) EP20217971.9 (47) 08.03.2023 (22) 31.12.2020 (54) VERTICAL CLUTCH DEVICE FOR A TIMEPIECE (73) Montres Breguet S.A. (72) KARAPATIS, M. Polychronis Nakis STRANCZL, Marc (31) 20158703 (32) 21.02.2020 (33) European Patent Office (EPO)</p>
<p>(51) G02F 1/1333 G02F 1/13357 G02B 6/00 F21V 8/00 (11) EP3893046 (21) EP21177347.8 (47) 08.03.2023 (22) 12.10.2010 (54) BACKLIGHT UNIT AND DISPLAY APPARATUS INCLUDING THE SAME (73) LG Electronics, Inc. (72) GO, Wangseop SEO, Sangho (31) 20090108953 301358 P 26054009 P (32) 12.11.2009 04.02.2010 12.11.2009 (33) Korea (Republic) United States of America United States of America</p>	<p>(51) G02F 1/13363 G02F 1/139 (11) EP3935445 (21) EP20721086.5 (47) 08.03.2023 (87) US2020027416 15.10.2020 (22) 09.04.2020 (54) BROADBAND AND WIDE VIEWING ANGLE WAVEPLATE HAVING PI-CELL (73) Facebook Technologies, LLC. (72) JAMALI, Afsoon JIANG, Yingfei (31) 202016826861 201962833410 P (32) 23.03.2020 12.04.2019 (33) United States of America United States of America</p>	<p>(51) G04B 17/28 G04B 17/04 (11) EP3234699 (21) EP15808400.4 (47) 08.03.2023 (87) EP2015079515 23.06.2016 (22) 14.12.2015 (54) TIMEPIECE RESONATOR WITH CROSSED BLADES (73) The Swatch Group Research and Development Ltd (72) DI DOMENICO, Gianni HINAUX, Baptiste KLINGER, Laurent HELFER, Jean-Luc (31) 14199039 (32) 18.12.2014 (33) European Patent Office (EPO)</p>
<p>(51) G02F 1/1335 G02B 5/30 G02F 1/29 G02B 5/18 G02F 1/1337 (11) EP3546993 (21) EP17874801.8 (47) 08.03.2023 (87) JP2017041117 31.05.2018 (22) 15.11.2017</p>	<p>(51) G02F 1/35 F03G 7/06 G02F 1/355 (11) EP3855245 (21) EP21163124.7 (47) 08.03.2023 (22) 30.12.2015 (54) COMPONENT SHIFTING APPARATUS WITH SHAPE MEMORY ALLOY ACTUATORS (73) Newport Corporation (72) MITTLER, Kay SPIEWEG, Olaf GRUNOW, Dennis</p>	<p>(51) G04B 19/20 G04B 19/253 G04F 7/08 (11) EP3904964 (21) EP20172579.3 (47) 08.03.2023 (22) 01.05.2020 (54) DEVICE FOR DISPLAYING A TIME OR TIME-DERIVED INDICATION AND DEVICE FOR INDEXING (73) ROLEX SA (72) GRAEMIGER, Pierre-Alain</p>
<p>(51) G03G 15/20 (11) EP3770689 (21) EP19772066.7 (47) 08.03.2023 (87) JP2019010950 26.09.2019 (22) 15.03.2019 (54) FIXING MEMBER, FIXING DEVICE, AND ELECTROPHOTOGRAPHIC IMAGE-FORMING APPARATUS</p>	<p>(51) G03G 15/20 (11) EP3770689 (21) EP19772066.7 (47) 08.03.2023 (87) JP2019010950 26.09.2019 (22) 15.03.2019 (54) FIXING MEMBER, FIXING DEVICE, AND ELECTROPHOTOGRAPHIC IMAGE-FORMING APPARATUS</p>	<p>(51) G04B 19/247 G04B 19/02 G04B 19/26 G04B 45/02</p>

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(21) EP19700681.0	(21) EP19700681.0	(21) EP18856651.7	Pullmann, Jürgen
(47) 08.03.2023	(47) 08.03.2023	(47) 08.03.2023	Neuschwander, Bernd
(87) EP2019050662	(87) EP2019050662	(87) KR2018008840	(31) 102019123581
18.07.2019	18.07.2019	21.03.2019	(32) 03.09.2019
(22) 11.01.2019	(22) 11.01.2019	(22) 03.08.2018	(33) Germany
(54) TIMEPIECE MOVEMENT	(54) TIMEPIECE MOVEMENT	(54) ELECTRONIC DEVICE AND METHOD	(51) G05B 19/418
COMPRISING A DISPLAY MEMBER	COMPRISING A DISPLAY MEMBER	FOR CONTROLLING THEREOF	B25J 9/16
SIMULTANEOUSLY VISIBLE ON BOTH	SIMULTANEOUSLY VISIBLE ON BOTH	(73) Samsung Electronics Co., Ltd.	H04L 67/12
SIDES OF THE MOVEMENT.	SIDES OF THE MOVEMENT.	(72) JUNG, Ra-mi	H04L 69/14
(73) Bovet Fleurier SA	(73) Bovet Fleurier SA	(31) 20170116990	H04W 88/06
(72) RAFFY, Pascal	(72) RAFFY, Pascal	(32) 13.09.2017	(11) EP3649517
SAULCY, Florent	SAULCY, Florent	(33) Korea (Republic)	(21) EP17742186.4
CLEMENT, Paul	CLEMENT, Paul	(51) G05B 17/02	(47) 08.03.2023
(31) 392018	(31) 392018	G06F 30/20	(87) EP2017066995
(32) 14.01.2018	(32) 14.01.2018	G06F 119/08	10.01.2019
(33) Switzerland	(33) Switzerland	(11) EP2550623	(22) 06.07.2017
(51) G04B 19/28	(51) G04B 19/28	(21) EP11760083.3	(54) TECHNIQUE FOR RELIABLE
(11) EP3709103	(11) EP3709103	(47) 08.03.2023	COMMUNICATION IN A CLOUD
(21) EP19162923.7	(21) EP19162923.7	(87) US2011029456	ROBOTICS SYSTEM
(47) 08.03.2023	(47) 08.03.2023	29.09.2011	(73) Telefonaktiebolaget LM Ericsson (publ)
(22) 14.03.2019	(22) 14.03.2019	(22) 22.03.2011	(72) RÁCZ, Sándor
(54) DEVICE FOR BLOCKING A ROTATING	(54) DEVICE FOR BLOCKING A ROTATING	(54) IMPROVED CONTROL SYSTEM	BOLLE, Aldo
BEZEL	BEZEL	SIMULATOR AND SIMPLIFIED	SZABO, Geza
(73) Montres Tudor S.A.	(73) Montres Tudor S.A.	INTERCONNECTION CONTROL	(51) G05B 19/418
(72) GARCIN, Gilles	(72) GARCIN, Gilles	SYSTEM	B65B 57/00
MAFFIOLI, Sacha	MAFFIOLI, Sacha	(73) Xio, Inc.	B65G 61/00
ZBYLUT, Ludovic	ZBYLUT, Ludovic	(72) SAGUES, Paul	G06Q 50/04
(51) G05B 9/02	(51) G05B 9/02	(31) 316070 P	(11) EP3680739
G05B 19/406	G05B 19/406	(32) 22.03.2010	(21) EP18852946.5
(11) EP3776098	(11) EP3776098	(33) United States of America	(47) 08.03.2023
(21) EP19712511.5	(21) EP19712511.5	(51) G05B 19/04	(87) JP2018022602
(47) 08.03.2023	(47) 08.03.2023	G05B 19/042	14.03.2019
(87) EP2019025071	(87) EP2019025071	B64C 39/02	(22) 13.06.2018
17.10.2019	17.10.2019	G05D 1/10	(54) CONTAINER PRODUCTION
(22) 18.03.2019	(22) 18.03.2019	(11) EP3575896	MANAGEMENT SYSTEM AND
(54) SYSTEM AND METHOD FOR	(54) SYSTEM AND METHOD FOR	(21) EP18730210.4	METHOD
OPERATING A SYSTEM	OPERATING A SYSTEM	(47) 08.03.2023	(73) Toyo Seikan Co., Ltd.
(73) SEW-Eurodrive GmbH & Co	(73) SEW-Eurodrive GmbH & Co	(87) CN2018085140	(72) NAKAYAMA, Kazuhiko
(72) KRAH, Jens onno	(72) KRAH, Jens onno	17.10.2019	TOCHIGI, Takayuki
(31) 102018003296	(31) 102018003296	(22) 28.04.2018	MIURA, Shinobu
102018003023	102018003023	(54) UNMANNED AERIAL VEHICLE	(31) 2017172313
(32) 23.04.2018	(32) 23.04.2018	CONTROL SYSTEM AND UNMANNED	(32) 07.09.2017
13.04.2018	13.04.2018	AERIAL VEHICLE CONTROL METHOD	(33) Japan
(33) Germany	(33) Germany	(73) Liaoning Zhuanglong Unmanned Aerial	(51) G05B 23/02
Germany	Germany	Vehicle Technology Co., Ltd.	(11) EP3385808
(51) G05B 13/04	(51) G05B 13/04	(72) ZHANG, Li	(21) EP18166248.7
(11) EP3948440	(11) EP3948440	CHEN, Mingfei	(47) 08.03.2023
(21) EP21712584.8	(21) EP21712584.8	GUO, Shiquan	(22) 09.04.2018
(47) 08.03.2023	(47) 08.03.2023	WANG, Youdong	(54) PRE-EMPTIVE FAULT DETECTION
(87) JP2021004858	(87) JP2021004858	SUN, Jiye	THROUGH ADVANCED SIGNAL
02.12.2021	02.12.2021	YAN, Zhimin	ANALYSIS
(22) 02.02.2021	(22) 02.02.2021	GUO, Xiangqun	(73) Pratt & Whitney Canada Corp.
(54) NONLINEAR OPTIMIZATION METHOD	(54) NONLINEAR OPTIMIZATION METHOD	WANG, Jingjing	(72) WU, Hai Tao
FOR STOCHASTIC PREDICTIVE	FOR STOCHASTIC PREDICTIVE	ZHANG, Kuiwen	CONCIATORI, Michael
CONTROL	CONTROL	XU, Xin	WOINOWSKY-KRIEGER, Michael
(73) Mitsubishi Electric Corporation	(73) Mitsubishi Electric Corporation	(31) 201810331461	WOO, Tommy
(72) QUIRYNEN, Rien	(72) QUIRYNEN, Rien	(32) 13.04.2018	(31) 201715481792
FENG, Xuhui	FENG, Xuhui	(33) China	(32) 07.04.2017
DI CAIRANO, Stefano	DI CAIRANO, Stefano	(51) G05B 19/042	(33) United States of America
(31) 202016886825	(31) 202016886825	F16P 3/14	(51) G05B 23/02
(32) 29.05.2020	(32) 29.05.2020	(11) EP3789832	G08C 17/02
(33) United States of America	(33) United States of America	(21) EP20194192.9	H01Q 1/28
(51) G05B 15/02	(51) G05B 15/02	(47) 08.03.2023	G01D 21/00
G06F 3/16	G06F 3/16	(22) 02.09.2020	(11) EP3726323
G10L 15/22	G10L 15/22	(54) DEVICE AND METHOD FOR	(21) EP20167171.6
H04L 12/28	H04L 12/28	PERFORMING A SAFETY FUNCTION	(47) 08.03.2023
		(73) Pilz GmbH & Co. KG	(22) 31.03.2020

(54) GAS TURBINE ENGINE COMMUNICATION GATEWAY WITH INTEGRAL ANTENNAS	(22) 27.09.2019	18.07.2017
(73) Raytheon Technologies Corporation	(54) CONTROL LINE STABILIZER FOR A PRESSURE REGULATOR	18.07.2017
(72) LAMBERTI, William C. SCHEID, Paul Raymond POSNIAK, Jason E.	(73) Emerson Process Management Regulator Technologies, Inc.	18.07.2017
(31) 201962835162 P	(72) HART, Justin W. DURANT, Tony A.	(33) Japan Japan Japan
(32) 17.04.2019	(31) 201816152853	Japan
(33) United States of America	(32) 05.10.2018	Japan
(51) G05B 23/02 G08C 17/02 H01Q 1/28 G01D 21/00 G07C 5/00	(33) United States of America	Japan
(11) EP3734387	(51) G05F 1/575	Japan
(21) EP20170071.3	(11) EP3329338	Japan
(47) 08.03.2023	(21) EP16833698.0	Japan
(22) 17.04.2020	(47) 08.03.2023	Japan
(54) SELF-HEALING REMOTE DYNAMIC DATA RECORDING	(87) US2016045058 09.02.2017	Japan
(73) Raytheon Technologies Corporation	(22) 01.08.2016	Japan
(72) SCHEID, Paul Raymond LIN, Calvin K.	(54) MILLIVOLT POWER HARVESTING FET CONTROLLER	Japan
(31) 201916502078 201962835170 P	(73) Texas Instruments Incorporated	(51) G06F 1/16
(32) 03.07.2019 17.04.2019	(72) NILLES, Jeff, L. PAYA, Noman, A.	(11) EP3022624 (21) EP14750836.0 (47) 08.03.2023
(33) United States of America United States of America	(31) 201615221328 201562199804 P	(87) US2014046776 22.01.2015
(51) G05D 1/02 A01D 34/00	(32) 27.07.2016 31.07.2015	(22) 16.07.2014
(11) EP3584661	(33) United States of America United States of America	(54) SUPPORT COMPONENT FOR AN APPARATUS
(21) EP18754127.1	(51) G05G 1/62 B60K 26/02 B60N 2/24 E02F 9/16 E02F 9/20 E02F 9/26 B60K 35/00	(73) Microsoft Technology Licensing, LLC
(47) 08.03.2023	(11) EP3547071	(72) JENKINS, Kurt Allen TOMKY, Brett Andrew COOMES, Timothy Jerome
(87) CN2018076709 23.08.2018	(21) EP18835981.4	(31) 201313946576
(22) 13.02.2018	(47) 08.03.2023	(32) 19.07.2013
(54) AUTOMATIC WORKING SYSTEM, SELF-MOVING APPARATUS AND CONTROL METHOD THEREOF	(87) JP2018024955 24.01.2019	(33) United States of America
(73) Positec Power Tools (Suzhou) Co., Ltd	(22) 29.06.2018	(51) G06F 1/16 H04M 1/02 H04M 1/18
(72) DALFRA, Davide	(54) WORKING MACHINE	(11) EP3444702
(31) 201710081901	(73) Kubota Corporation	(21) EP18192025.7
(32) 15.02.2017	(72) HORII, Hiroshi	(47) 08.03.2023
(33) China	(31) 2017247023 2017139433 2017139432 2017139431 2017139430 2017139429 2017139428 2017139427 2017139426 2017139425 2017139424 2017139423 2017139422 2017139421	(22) 06.01.2011
(51) G05D 1/02 H04L 12/28	(32) 22.12.2017	(54) TRANSPARENT ELECTRONIC DEVICE
(11) EP3821314	18.07.2017	(73) Apple Inc.
(21) EP19733729.8	18.07.2017	(72) PANCE, Aleksander
(47) 08.03.2023	18.07.2017	(31) 68341510
(87) EP2019066632 16.01.2020	18.07.2017	(32) 06.01.2010
(22) 24.06.2019	18.07.2017	(33) United States of America
(54) METHOD AND DEVICE FOR DETECTING METADATA FOR SMART HOME COMPONENTS	18.07.2017	(51) G06F 1/16 H04M 1/02 H04M 1/18
(73) BSH Hausgeräte GmbH	(32) 22.12.2017	(11) EP3764196
(72) SÖLLNER, Christoph	18.07.2017	(21) EP20184114.5
(31) 102018211591	18.07.2017	(47) 08.03.2023
(32) 12.07.2018	18.07.2017	(22) 06.07.2020
(33) Germany	18.07.2017	(54) DISPLAY DEVICE
(51) G05D 16/02	18.07.2017	(73) Samsung Display Co., Ltd.
(11) EP3861418	18.07.2017	(72) Lee, Sun Hee Kim, Sunho Kim, Hyun
(21) EP19790101.0	18.07.2017	(31) 20190084498
(47) 08.03.2023	18.07.2017	(32) 12.07.2019
(87) US2019053343 09.04.2020	18.07.2017	(33) Korea (Republic)
	18.07.2017	(51) G06F 3/01 A63F 13/285 G09B 21/00
		(11) EP3731065
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		(47) 08.03.2023
		(87) JP2018044639 27.06.2019

(22) 05.12.2018	SCHENONE, Scott	07.08.2018
(54) INFORMATION PROCESSING DEVICE AND METHOD, AND PROGRAM	GROENE, Ralf	(33) United Kingdom
(73) Sony Group Corporation	DEMENSCHONOK, Filipp	United Kingdom
(72) YOKOYAMA Ryo	BAUM, Michael	(51) G06F 3/0354
OGITA Takeshi	(31) 201514928958	G06F 3/0362
(31) 2017242424	(32) 30.10.2015	G06F 3/044
(32) 19.12.2017	(33) United States of America	(11) EP3789856
(33) Japan	(51) G06F 3/01	(21) EP20189570.3
(51) G06F 3/01	G06F 3/044	(47) 08.03.2023
B25J 13/02	G06F 3/0362	(22) 05.08.2020
B25J 15/10	G06F 3/0338	(54) INPUT DEVICE WITH TOUCH
B25J 15/12	G01L 1/20	SENSITIVE INPUT SURFACE AND
H01L 41/083	(11) EP3824373	INPUT SECTION MOVABLY MOUNTED
(11) EP3864492	(21) EP20764359.4	ON A BASE, WHEREIN THE BASE
(21) EP19783806.3	(47) 08.03.2023	IS SELECTIVELY MAGNETICALLY
(47) 08.03.2023	(87) EP2020074003	ATTACHABLE TO THE INPUT
(87) US2019052542	15.04.2021	SURFACE AND ASSOCIATED INPUT
16.04.2020	(22) 27.08.2020	METHOD
(22) 24.09.2019	(54) INPUT DEVICE HAVING TOUCH	(73) Preh GmbH
(54) HAPTIC FEEDBACK SYSTEM HAVING TWO INDEPENDENT ACTUATORS	SCREEN OR TOUCH PAD AND INPUT	(72) WITTWER, Manuel
(73) Microsoft Technology Licensing, LLC	PART LOCATED THEREON WITH	DEMAR, Mario
(72) MA, Siyuan	SNAP FEEL	SCHMIDT, Benedikt
HOLBERY, James David	(73) PREH GmbH	(31) 102019124114
(31) 201816155450	(72) BAUER, Norbert	(32) 09.09.2019
(32) 09.10.2018	KLEFFEL, Thomas	(33) Germany
(33) United States of America	(31) 102019126849	(51) G06F 3/041
(51) G06F 3/01	(32) 07.10.2019	(11) EP3839705
G06F 3/0346	(33) Germany	(21) EP18919393.1
G06T 19/00	(51) G06F 3/01	(47) 08.03.2023
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(47) 08.03.2023	(21) EP18717458.6	(22) 13.08.2018
(22) 09.01.2018	(47) 08.03.2023	(54) DETECTION CIRCUIT AND
(54) REDUNDANT TRACKING SYSTEM	(87) US2018023212	ELECTRONIC DEVICE
(73) Snap Inc.	04.10.2018	(73) SHENZHEN GOODIX TECHNOLOGY
(72) MCPHEE, Andrew, James	(22) 20.03.2018	CO., LTD.
CHARLTON, Ebony, James	(54) SELECTIVE APPLICATION OF	(72) FENG, Lin
DARGIS, Jokubas	REPROJECTION PROCESSING	ZHANG, Guanjun
EVANS, Michael John	ON LAYER SUB-REGIONS	(51) G06F 3/041
SANCHEZ-SAEZ, Ricardo	FOR OPTIMIZING LATE STAGE	G04G 21/04
HARE, Samuel, Edward	REPROJECTION POWER	G04G 21/08
(31) 201815863575	(73) Microsoft Technology Licensing, LLC	G06F 1/16
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(32) 05.01.2018	BRADFORD, Jeffrey Powers	H01Q 1/44
09.01.2017	COMPARAN, Miguel	H01Q 1/27
(33) United States of America	MUFF, Adam James	H01Q 1/24
United States of America	LEUNG, Gene	(11) EP3809244
(51) G06F 3/01	OZGUNER, Tolga	(21) EP20213224.7
G06F 3/0354	(31) 201715470737	(47) 08.03.2023
G06F 3/0362	(32) 27.03.2017	(22) 17.12.2015
G06F 3/044	(33) United States of America	(54) DISPLAY MODULE AND METHOD OF
G06F 3/0482	(51) G06F 3/02	MANUFACTURING THE SAME
G06F 3/04847	G10H 1/34	(73) Samsung Electronics Co., Ltd.
G06F 3/0488	H03K 17/965	(72) BAIK, Chul
H01H 25/06	(11) EP3834061	LEE, Yong Uk
(11) EP3368964	(21) EP19753440.7	YOON, Eung Yeoul
(21) EP16788928.6	(47) 08.03.2023	SOHN, Dong Hyun
(47) 08.03.2023	(87) GB2019052220	KIM, Nak Hyun
(87) US2016058340	13.02.2020	PARK, Byung Ha
04.05.2017	(22) 07.08.2019	CHOI, Joon Young
(22) 22.10.2016	(54) COMPUTER INPUT DEVICES	HONG, Won Bin
(54) TOUCH SENSING OF USER INPUT DEVICE	(73) Sonuus Limited	(31) 20150138949
(73) Microsoft Technology Licensing, LLC	(72) CLARK, James Hastings	201562165279 P
(72) KIM, Young	MCAULIFFE, John Michael	(32) 02.10.2015
ISHIHARA, James Alec	CLARK, Archibald J.	22.05.2015
	(31) 201909214	(33) Korea (Republic)
	201812826	United States of America
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G06F 3/0488	(51) G06F 3/0488	CALATO, Paul, Anthony
G06F 3/01	B60H 1/00	VIETRY, Shari, Ann
(11) EP3314381	(11) EP2808775	(31) 201313786628
(21) EP15895969.2	(21) EP14169410.9	(32) 06.03.2013
(47) 08.03.2023	(47) 08.03.2023	(33) United States of America
(87) CN2015082441	(22) 22.05.2014	(51) G06F 3/14
29.12.2016	(54) Controller for an information display	G06F 3/147
(22) 26.06.2015	system for a vehicle	G09G 5/12
(54) PASSIVE HAPTICS AS REFERENCE	(73) Volkswagen Aktiengesellschaft	H04N 21/41
FOR ACTIVE HAPTICS	(72) Kötter, Nils	H04N 21/414
(73) Microsoft Technology Licensing, LLC	Wild, Holger	H04N 21/485
(72) TAN, Hong Z.	(31) 102013008950	(11) EP3447632
MA, Zhaoyuan	(32) 27.05.2013	(21) EP18190382.4
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G06F 3/0346	(51) G06F 3/06	(22) 23.08.2018
G06F 3/048	(11) EP2923261	(54) ELECTRONIC DEVICE FOR
(11) EP3455706	(21) EP13798568.5	DISPLAYING APPLICATION AND
(21) EP17843902.2	(47) 08.03.2023	OPERATING METHOD THEREOF
(47) 08.03.2023	(87) EP2013003447	(73) Samsung Electronics Co., Ltd.
(87) KR2017009085	30.05.2014	(72) Keam, Byeongkuk
01.03.2018	(22) 15.11.2013	Lee, Seungkyu
(22) 21.08.2017	(54) METHOD FOR CONTROLLING	Lee, Hoyoung
(54) ELECTRONIC DEVICE INCLUDING A	A FLASH MEMORY FOR MASS	Choi, Won Jin
PLURALITY OF TOUCH DISPLAYS AND	STORAGE, WHICH IS COMPRISED	Choi, Yujin
METHOD FOR CHANGING STATUS	BY A COMMUNICATIONS DEVICE	(31) 20170106445
THEREOF	THAT CAN BE CONNECTED TO A	(32) 23.08.2017
(73) Samsung Electronics Co., Ltd.	HOST, AND COMPUTER PROGRAM	(33) Korea (Republic)
(72) CHO, Kwangik	PRODUCT FOR CARRYING OUT SAID	(51) G06F 3/14
SUH, Jungwon	METHOD	G09G 5/00
(31) 20160108350	(73) Unify GmbH & Co. KG	G06F 1/16
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(33) Korea (Republic)	(31) 102012022728	(21) EP16919820.7
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02.06.2016	(87) EP2017057186	(73) Hewlett-Packard Development Company,
(22) 24.11.2014	19.10.2017	L.P.
(54) TOUCH SCREEN	(22) 27.03.2017	(72) AZAM, Syed S.
(73) Hewlett-Packard Development Company,	(54) METHOD, DEVICE, AND COMPUTER	THAI, Thong
L.P.	PROGRAM FOR MANAGING	PROVENCHER, Mike
(72) BARKER, John	A STORAGE REGION OF A	LAKDAWALA, Rahul V.
(51) G06F 3/04815	CONTROLLER OF A VEHICLE	(51) G06F 3/16
G06F 3/01	(73) Volkswagen Aktiengesellschaft	G06F 3/01
G06T 19/00	(72) GERLACH, Simon	H04S 7/00
A63F 13/211	ZIERFUSS, André	G06F 3/04815
A63F 13/212	WIETHÖLTER, Sven	(11) EP3067781
A63F 13/5255	(31) 102016206207	(21) EP14859611.7
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(11) EP3779644	G06F 16/2457	(54) INFORMATION PROCESSING
(21) EP19776170.3	(11) EP2965207	DEVICE, METHOD OF PROCESSING
(47) 08.03.2023	(21) EP13877089.6	INFORMATION, AND PROGRAM
(87) JP2019009855	(47) 08.03.2023	(73) Sony Group Corporation
03.10.2019	(87) US2013051813	(72) NAKAGAWA Toshiyuki
(22) 12.03.2019	12.09.2014	ISHIKAWA Hirotaka
(54) INFORMATION PROCESSING DEVICE	(22) 24.07.2013	KANEMA Yasuki
AND INFORMATION PROCESSING	(54) SYSTEM AND METHOD FOR	(31) 2013229121
METHOD	MANAGING STORAGE SYSTEM	(32) 05.11.2013
(73) Sony Group Corporation	SNAPSHOTS	(33) Japan
(72) ISHIKAWA Tsuyoshi	(73) Dell Products, L.P.	(51) G06F 8/654
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(22) 12.06.2020	G06F 21/51	(54) CONTROL DEVICE, CONTROL METHOD AND PROGRAM
(54) FIRMWARE UPDATE METHOD AND FIRMWARE UPDATE SYSTEM THEREOF	(11) EP3859576	(73) Omron Corporation
(73) Gunitech Corp.	(21) EP19911212.9	(72) MAKI, Noriyuki
(72) SHIU, Huan-Ruei	(47) 08.03.2023	MIYAGUCHI, Shuhei
KAO, Hsin-Yi	(87) CN2019072804	TAKEUCHI, Yoshitaka
HSU, Chung-Liang	30.07.2020	SCHEFFER, Fred
LIN, Xiao-Juan	(22) 23.01.2019	CRIJNS, Thorstin
WANG, Ming-Yi	(54) APPLICATION PERMISSION MANAGEMENT METHOD AND ELECTRONIC DEVICE	(31) 2016077606
(31) 108147866	(73) Huawei Technologies Co., Ltd.	(32) 07.04.2016
(32) 26.12.2019	(72) YUAN, Zhongju	(33) Japan
(33) Taiwan, Chinese Taipei	YAO, Manhai	<hr/>
(51) G06F 8/656	LONG, Haitao	(51) G06F 9/50
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(22) 07.06.2019	(87) US2017053499	(73) Google LLC
(54) RESOURCE EFFICIENT DEPLOYMENT OF MULTIPLE HOT PATCHES	31.05.2018	(72) CASILLAS, Jose
(73) Microsoft Technology Licensing, LLC	(22) 26.09.2017	DEMIR, Ozan
(72) RAMACHANDRAN, Sai Ganesh	(54) APPLICATION PROGRAM INTERFACE FOR MANAGING COMPLICATION DATA	WELCH, Brent
SHERWIN, Bruce J., Jr.	(73) Google LLC	BASILYAN, Mikhail
HEPKIN, David Alan	(72) SINGLETON, David	PETERKOFISKY, Roy
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(54) CREDENTIAL-BASED PROACTIVE DISCOVERY OF REMOTE MICRO-SERVICES BY SPREADSHEET APPLICATIONS	(54) DEVICE FOR CONNECTING EXTERNAL DEVICE AND UPDATING DATA	28.12.2017
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DERAZ, Ehab Sobhy	Lee, Sung Chull	(73) Schneider Electric Systems USA, Inc.
GROSS, Christopher John	(31) 20170044939	(72) MACHA, Raja Ramana
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(32) 07.04.2017	(33) Korea (Republic)	MIDDELDORP, Frans
(33) United States of America	(51) G06F 9/48	CAMINO, Nestor Jesus, Jr.
(51) G06F 9/451	(11) EP3391211	LUTH, James Gerard
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G06F 3/04883	(47) 08.03.2023	(31) 201662354669 P
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(33) United States of America	(21) EP17163788.7	(73) Google LLC
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(32) 12.05.2017	(54) Analytics for application programming	DISTRUBUTED STORAGE SYSTEM
(33) United States of America	interfaces	(73) Microsoft Technology Licensing, LLC
(51) G06F 9/50	(73) Accenture Global Services Limited	(72) HUANG, Cheng
H04L 41/08	(72) Zhu, Qian	EDWARDS, Andrew James
H04L 41/5054	Tung, Teresa	MAINALI, Shane K.
H04L 41/0213	Grimmer, Benjamin	OGUS, Aaron William
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(21) EP19180763.5	(32) 07.11.2013	SIMITCI, Huseyin
(47) 08.03.2023	(33) United States of America	WANG, Ju
(22) 18.06.2019	(51) G06F 11/30	CALDER, Bradley Gene
(54) DYNAMIC INTENT ASSURANCE AND	H02J 7/00	XU, Yikang
PROGRAMMABILITY IN COMPUTER	G06F 13/38	(31) 201615080474
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(21) EP15870598.8	(54) METHOD FOR MANUFACTURING A	12.09.2019
(47) 08.03.2023	POWER ELECTRONIC MODULE	(22) 17.01.2019
(87) US2015061643	(73) SAFRAN	(54) COOLING DEVICE FOR COOLING A
23.06.2016	(72) KHAZAKA, Rabih	POWER COMPONENT
(22) 19.11.2015	FEDI, Baptiste, Joël, Christian	(73) Robert Bosch GmbH
(54) COMPONENTS FOR A CHEMICAL	YOUSSEF, Toni	(72) LEHR, Alexandre
MECHANICAL POLISHING TOOL	SALLOT, Pierre, Jean	KIENLE, Wolfram
(73) Applied Materials, Inc.	(31) 1904736	(31) 102018203362
(72) ATTUR, Sreenidhi	(32) 06.05.2019	(32) 07.03.2018
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C09K 3/14	C30B 23/00	(21) EP18190462.4
C09G 1/02	(11) EP3996130	(47) 08.03.2023
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(21) EP15812643.3	(22) 09.11.2020	ARCHITECTURE COMPRISING AN
(47) 08.03.2023	(54) METHOD FOR DEPOSITING AN	INTERPOSER AND MANUFACTURING
(87) US2015037746	EPITAXIAL LAYER ON A SUBSTRATE	METHOD THEREOF
30.12.2015	WAFER	(73) Facebook Technologies, LLC
(22) 25.06.2015	(73) Siltronic AG	(72) GOWARD, John Michael
(54) METHODS FOR FABRICATING A	(72) Stettner, Thomas	(31) 201715684842
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COMPOSITION	H01L 23/48	(32) 23.08.2017
(73) CMC Materials, Inc.	(11) EP3731265	02.08.2018

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(73) TDK Electronics AG (72) FEICHTINGER, Thomas (31) 102016122014 (32) 16.11.2016 (33) Germany	(51) H01L 29/10 H01L 29/36 H01L 21/205 H01L 29/778 H01L 29/20 (11) EP3442026 (21) EP17186014.1 (47) 08.03.2023 (22) 11.08.2017 (54) GATE FOR AN ENHANCEMENT-MODE TRANSISTOR (73) IMEC vzw (72) STOFFELS, Steve	(51) H01L 31/043 H01L 31/078 H01L 31/0224 H01L 51/42 H01L 51/44 H01L 27/30 (11) EP3671868 (21) EP18306778.4 (47) 08.03.2023 (22) 20.12.2018 (54) THREE TERMINAL TANDEM SOLAR GENERATION UNIT (73) TotalEnergies OneTech Electricité de France CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE Ecole Polytechnique Institut Photovoltaïque d'Ile de France L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
(51) H01L 27/146 G01J 5/02 G01J 5/04 G01J 5/20 (11) EP3196615 (21) EP17151542.2 (47) 08.03.2023 (22) 16.01.2017 (54) METHOD FOR MANUFACTURING AN ELECTROMAGNETIC- RADIATION DETECTOR WITH MICROENCAPSULATION (73) LYNRED COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES (72) VILAIN, Michel FAVIER, Jérôme YON, Jean-Jacques FREY, Laurent (31) 1650438 (32) 20.01.2016 (33) France	(51) H01L 29/76 B82Y 10/00 H01L 21/334 H01L 29/423 (11) EP3970197 (21) EP20728133.8 (47) 08.03.2023 (87) GB2020051152 19.11.2020 (22) 12.05.2020 (54) PROCESSOR ELEMENT FOR QUANTUM INFORMATION PROCESSOR (73) Quantum Motion Technologies Limited (72) FOGARTY, Michael SCHORMANS, Matthew MORTON, John (31) 201906936 (32) 16.05.2019 (33) United Kingdom	(54) THREE TERMINAL TANDEM SOLAR GENERATION UNIT (73) TotalEnergies OneTech Electricité de France CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE Ecole Polytechnique Institut Photovoltaïque d'Ile de France L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE (72) DRAHI, Etienne HILT, Florian SCHULZ, Philip
(51) H01L 27/15 F21S 41/153 F21S 41/663 (11) EP3787028 (21) EP19193525.3 (47) 08.03.2023 (22) 26.08.2019 (54) LIGHTING DEVICE (73) Lumileds LLC (72) Muelders, Barbara Crompvoets, Floris Maria Hermansz Spinger, Benno	(51) H01L 29/76 B82Y 10/00 H01L 21/334 H01L 29/423 (11) EP3970197 (21) EP20728133.8 (47) 08.03.2023 (87) GB2020051152 19.11.2020 (22) 12.05.2020 (54) PROCESSOR ELEMENT FOR QUANTUM INFORMATION PROCESSOR (73) Quantum Motion Technologies Limited (72) FOGARTY, Michael SCHORMANS, Matthew MORTON, John (31) 201906936 (32) 16.05.2019 (33) United Kingdom	(51) H01L 31/048 H01L 31/0525 H02S 30/10 H02S 10/30 H02S 40/40 H02S 40/44 (11) EP3425679 (21) EP17759081.7 (47) 08.03.2023 (87) CN2017072031 08.09.2017 (22) 22.01.2017 (54) PHOTOVOLTAIC MODULE, HYBRID PHOTOVOLTAIC/THERMAL MODULE AND MANUFACTURING METHOD THEREOF (73) Gree Electric Appliances, Inc. of Zhuhai (72) CAO, Wenbing YAN, Delin LIU, Hongming LIN, Jiahui WANG, Hao (31) 201610110791 (32) 29.02.2016 (33) China
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(22) 07.09.2020	(21) EP18865339.8	(54) PHOTOELECTRIC CONVERSION
(54) STACKED MONOLITHIC MULTI-JUNCTION SOLAR CELL	(47) 08.03.2023	ELEMENT, PHOTODIODE, IMAGING
(73) AZUR SPACE Solar Power GmbH	(87) JP2018041801	ELEMENT AND COMPOUND
(72) Meusel, Matthias	02.01.2020	(73) FUJIFILM Corporation
Berg, Alexander	(22) 12.11.2018	(72) YOSHIOKA, Tomoaki
Guter, Wolfgang	(54) THERMOELECTRIC CONVERSION	NOMURA, Kimiatsu
(51) H01L 31/0745	ELEMENT AND THERMOELECTRIC	FUKUZAKI, Eiji
(11) EP3979336	CONVERSION MODULE	(31) 2017076571
(21) EP20208707.8	(73) Panasonic Intellectual Property	(32) 07.04.2017
(47) 08.03.2023	Management Co., Ltd.	(33) Japan
(22) 19.11.2020	(72) UEHARA Miho	(51) H01L 51/42
(54) SOLAR CELL AND PHOTOVOLTAIC MODULE	KANEKO Yuriko	H01L 51/48
(73) ZHEJIANG JINKO SOLAR CO., LTD.	ONO Atsushi	(11) EP3918647
JINKO SOLAR CO., LTD	KAWABE Masashige	(21) EP20701905.0
(72) YANG, Jie	KANNO Tsutomu	(47) 08.03.2023
ZHENG, Peiting	TAMAKI Hiromasa	(87) JP2020000188
ZHANG, Xinyu	SATO Hiroki	06.08.2020
JIN, Hao	(31) 2018122095	(22) 07.01.2020
(31) 202011069475	(32) 27.06.2018	(54) PHOTOELECTRIC CONVERSION
(32) 30.09.2020	(33) Japan	ELEMENT, DEVICE, AND POWER
(33) China	(51) H01L 39/14	SUPPLY MODULE
(51) H01L 31/107	H01L 39/24	(73) Ricoh Company, Ltd.
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(11) EP3660929	H01L 39/02	(31) 2019016728
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(22) 25.11.2019	(47) 08.03.2023	(51) H01L 51/52
(54) SAM PHOTODIODE WITH MULTIPLICATION OF A SINGLE TYPE OF CARRIERS IN A PERIODIC MULTI-LAYER REGION	(87) US2019029521	(11) EP3618135
(73) Commissariat à l'énergie atomique et aux énergies alternatives	14.11.2019	(21) EP19194763.9
(72) ROTHMAN, Johan	(22) 27.04.2019	(47) 08.03.2023
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(32) 27.11.2018	(73) Microsoft Technology Licensing, LLC	(54) LIGHT EMITTING DEVICE AND TRANSPARENT DISPLAY DEVICE USING THE SAME
(33) France	(72) SMITH, Burton J.	(73) LG Display Co., Ltd.
(51) H01L 33/48	TUCKERMAN, David B.	(72) KIM, Jae-hyeon
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H01L 33/60	(32) 07.05.2018	KIM, Seok-Hyun
H01L 33/62	(33) United States of America	KIM, Kwan-Soo
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(72) LIN, Yu-Chou	(54) SENSOR COMPRISING AN INTERCONNECT HAVING A CARRIER FILM	(54) LIGHT EXTRACTION SUBSTRATE OF ORGANIC LIGHT-EMITTING DEVICE AND METHOD OF MANUFACTURING THE SAME
LIN, Chen-Hsiu	(73) Koninklijke Philips N.V.	(73) Corning Incorporated
CHEN, Chih-Yuan	(72) WEEKAMP, Johannes Wilhelmus	(72) LEE, JooYoung
(31) 201610405811	VAN DE MOLENGRAAF, Roland	(31) 20180055483
(32) 08.06.2016	Alexander	(32) 15.05.2018
(33) China	VAN DER HORST, Arjen	(33) Korea (Republic)
(51) H01L 35/08	(31) 19155417	(51) H01L 51/52
B22F 7/08	(32) 05.02.2019	H01L 27/32
C22C 1/04	(33) European Patent Office (EPO)	B60Q 1/34
C22C 12/00	(51) H01L 51/42	B60Q 1/44
H01L 35/16	H01L 27/30	B60Q 3/74
H01L 35/32	H01L 51/00	F21S 2/00
	(11) EP3608976	F21V 33/00
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C25B 9/65	(31) 2017008744	(11) EP3732744
C22C 19/05	(32) 20.01.2017	(21) EP19710032.4
C22C 38/00	(33) Japan	(47) 08.03.2023
C22C 38/28	(51) H01M 10/48	(87) FR2019050260
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(21) EP15856669.5	H01M 50/269	DEVICE FOR A BATTERY OR AN
(47) 08.03.2023	H01M 50/204	ELECTRONICAL POWER DEVICE
(87) JP2015081267	H01M 50/572	(73) Valeo Systemes Thermiques-THS
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(54) CONDUCTIVE MEMBER, CELL STACK	G01R 31/392	(31) 1850947
DEVICE, MODULE AND MODULE	H01M 10/652	(32) 05.02.2018
HOUSING DEVICE	H01M 10/6557	(33) France
(73) KYOCERA Corporation	G01R 31/396	(51) H01M 50/105
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SUGIHARA, Kazunari	(21) EP18735819.7	H01M 50/54
FUJIMOTO, Tetsuro	(47) 08.03.2023	H01M 50/548
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(73) Airbus Operations GmbH	201762519713 P	BATTERY COMPRISING ELECTRODE
(72) Hoffjann, Claus	201762443899 P	LEAD HAVING ASYMMETRICAL
Wolff, Christian	(32) 28.06.2017	NOTCH FORMED THEREIN
(31) 102019108160	22.06.2017	(73) LG Energy Solution, Ltd.
(32) 29.03.2019	14.06.2017	(72) PARK, Jong Ho
(33) Germany	09.01.2017	KIM, Kyoung Pil
(51) H01M 10/04	(33) United States of America	LEE, Min Woo
H01M 10/052	United States of America	KIM, Sang Hun
H01M 4/13	United States of America	KIM, Yong
H01M 4/62	United States of America	(31) 20170085693
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(22) 11.08.2017	H01M 10/625	H01M 50/55
(54) ELECTRODE ASSEMBLY, METHOD OF	H01M 10/653	H01M 50/566
MANUFACTURING THE SAME AND	(11) EP3696905	(11) EP3836297
SECONDARY BATTERY INCLUDING	(21) EP19840656.3	(21) EP20827973.7
THE SAME	(47) 08.03.2023	(47) 08.03.2023
(73) LG Energy Solution, Ltd.	(87) KR2019009351	(87) CN2020105867
(72) LEE, Jung Pil	30.01.2020	22.04.2021
CHO, Sung Ju	(22) 26.07.2019	(22) 30.07.2020
(51) H01M 10/04	(54) BATTERY MODULE AND BATTERY	(54) SECONDARY BATTERY, BATTERY
H01M 10/0587	PACK COMPRISING SAME BATTERY	MODULE, BATTERY PACK, DEVICE
(11) EP3552258	MODULE	AND MANUFACTURING METHOD
(21) EP18703215.6	(73) LG Energy Solution, Ltd.	(73) Contemporary Amperex Technology Co.,
(47) 08.03.2023	(72) CHO, Yong-Jin	Limited
(87) EP2018051129	SEONG, Jun-Yeob	(72) CHEN, Lei

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(32) 15.10.2019	ANTENNAS HAVING STACKED	XU, Jian
(33) China	REFLECTOR STRUCTURES	(31) 201720354918 U
(51) H01M 50/342	(73) CommScope Technologies LLC	(32) 06.04.2017
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(11) EP3321994	SU, Ruixin	H01Q 5/47
(21) EP16821233.0	TANG, PuLiang	(11) EP3790113
(47) 08.03.2023	AN, Rui	(21) EP20187178.7
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DEVICE AND STRIP ANTENNA	LEE, Kyung-Hee	(73) Würth Elektronik eiSos GmbH & Co. KG
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A61K 31/14	
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(11) EP3055440	
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(11) 2021309	(51) C08J 5/24
(00) 21.02.2023	C08J 7/04
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H01F 38/14	C09D 167/02
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(11) 2021309	C09J 167/00
(00) 21.02.2023	C09J 167/02
(51) B62M 6/80	(00) Established
H01F 38/14	(11) EP2697294
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(11) 2024466	(51) C08J 5/24
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(51) G01Q 30/04	C09D 167/00
G01Q 60/32	C09D 167/02
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(11) 2025275	C08G 83/00
(00) 07.02.2023	C08J 9/02
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G01N 29/06	(00) Established
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(00) 07.02.2023	(11) EP2841581
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G03F 7/20	A01H 5/00
G01Q 30/04	(11) EP2926767
H01L 21/66	(51) A61F 2/01
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(11) EP2247646	(11) EP3091073
(51) C08G 69/06	(51) C12N 9/24
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A61K 8/02	(11) EP3833394
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A61K 9/16	A61K 45/06
A61K 47/34	
A61Q 1/12	
C09D 5/03	
C09D 177/00	
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C08G 69/08	
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VRV

Verval of nietigverklaring.

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(11) EP3852952	(11) EP3860778	(11) EP3871241
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(11) EP3852965	(11) EP3860845	(11) EP3873383
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(11) EP3853486	(11) EP3860893	(11) EP3876325
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(11) EP3854660	(11) EP3861757	(11) EP3876363
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(11) EP3882491	(11) EP3892165	(11) EP3905374
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(11) EP3883797	(11) EP3894630	(11) EP3907734
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(11) EP3930582	(11) EP3991288
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(11) EP3932236	(11) EP3994543
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(11) EP3971274	
(00) 02.11.2022	

VRB

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

- (11) EP3483337
 - (00) 22.09.2022
 - (00) Proceedings Interruption: Legal
prevention (Rule 142(1)(b))
 - (51) D21H 27/00
D21H 27/06
D21H 19/18
D21H 19/20
D21H 21/16
-

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) Seaway 7 Engineering B.V.	(00) Assignment	C09D 167/00
(73) Seaway 7 Engineering B.V.	(71) TELEFLEX LIFE SCIENCES LIMITED	C09D 167/02
(11) 2007504	(73) TELEFLEX LIFE SCIENCES LIMITED	C09J 5/06
(00) 17.02.2023	(11) EP2077811	C09J 167/00
(51) F03D 1/00	(00) 17.02.2023	C09J 167/02
F03D 1/06	(51) A61F 13/00	(00) Change of owner(s) name
(00) Change of owner(s) name	A61L 15/16	(71) Siemens Logistics GmbH
(71) Legrand Nederland B.V.	(00) Assignment	(73) Siemens Logistics GmbH
(73) Legrand Nederland B.V.	(71) Siemens Logistics GmbH	(11) EP2499545
(11) 2009038	(73) Siemens Logistics GmbH	(00) 16.02.2023
(00) 22.02.2023	(11) EP1771363	(51) B65G 43/08
(51) G02B 6/44	(00) 16.02.2023	G05B 19/418
H04Q 1/14	(51) B65G 43/10	G06Q 10/00
(00) Merge	B65G 47/31	(00) Assignment
(71) ASMPPT SINGAPORE PTE. LTD.	(00) Assignment	(71) Aclarion, Inc.
(73) ASMPPT SINGAPORE PTE. LTD.	(71) TELEFLEX LIFE SCIENCES LIMITED	(73) Aclarion, Inc.
(11) 1031065	(73) TELEFLEX LIFE SCIENCES LIMITED	(11) EP2488101
(00) 20.02.2023	(11) EP2142220	(00) 14.02.2023
(51) B29C 45/02	(00) 17.02.2023	(51) A61B 5/055
B29C 45/14	(51) A61L 15/18	G01R 33/3415
B29C 45/58	A61L 15/22	G01R 33/485
H01L 21/56	A61L 15/44	G01R 33/565
(00) Change of owner(s) name	(00) Assignment	(00) Change of owner(s) name
(71) Casale Limited	(71) Siemens Logistics GmbH	(71) Plantics Holding B.V.
(73) Casale Limited	(73) Siemens Logistics GmbH	(73) Plantics Holding B.V.
(11) 2009295	(11) EP2571792	(11) EP2630180
(00) 14.02.2023	(00) 16.02.2023	(00) 20.02.2023
(51) C05C 1/02	(51) B65G 43/08	(51) C08G 63/12
C05C 9/00	B65G 47/52	(00) Change of owner(s) name
(00) Change of owner(s) name	B65G 47/96	(71) Seaway 7 Engineering B.V.
(71) Casale Limited	(00) Assignment	(73) Seaway 7 Engineering B.V.
(73) Casale Limited	(71) Bellus Health Cough Inc.	(11) 2016759
(11) 2009297	(73) Bellus Health Cough Inc.	(00) 17.02.2023
(00) 14.02.2023	(11) EP2501697	(51) B63B 35/00
(51) B01J 2/16	(00) 16.02.2023	B63B 35/42
(00) Change of owner(s) name	(51) A61K 31/5377	(00) Change of owner(s) name
(71) Siemens Logistics GmbH	A61P 13/00	(71) Casale Limited
(73) Siemens Logistics GmbH	A61P 25/04	(73) Casale Limited
(11) EP1510479	C07D 413/06	(11) 2016915
(00) 16.02.2023	(00) Assignment	(00) 14.02.2023
(51) B65G 47/50	(71) Seaway 7 Engineering B.V.	(51) B01J 2/16
(00) Assignment	(73) Seaway 7 Engineering B.V.	C05C 9/00
(71) Ollnova Technologies, Ltd.	(11) EP2574773	(00) Change of owner(s) name
(73) Ollnova Technologies, Ltd.	(00) 17.02.2023	(71) Plantics Holding B.V.
(11) EP1626532	(51) F03D 1/00	(73) Plantics Holding B.V.
(00) 20.02.2023	F03D 1/06	(11) EP2697293
(51) H04L 12/28	(00) Change of owner(s) name	(00) 20.02.2023
(00) Assignment	(71) Seaway 7 Engineering B.V.	(51) C08J 5/24
(71) Ollnova Technologies, Ltd.	(73) Seaway 7 Engineering B.V.	C08J 7/04
(73) Ollnova Technologies, Ltd.	(11) EP2554752	C09D 167/00
(11) EP1643324	(00) 17.02.2023	C09D 167/02
(00) 20.02.2023	(51) E02D 7/06	C09J 5/06
(51) G05B 15/02	E02D 7/14	C09J 167/00
G05B 19/042	E02D 13/04	C09J 167/02
(00) Assignment	(00) Change of owner(s) name	(00) Change of owner(s) name
(71) Ollnova Technologies, Ltd.	(71) Plantics Holding B.V.	(71) Novartis AG
(73) Ollnova Technologies, Ltd.	(73) Plantics Holding B.V.	(73) Novartis AG
(11) EP1646185	(11) EP2697294	(11) EP2046382
(00) 20.02.2023	(00) 20.02.2023	(00) 21.02.2023
(51) H04L 12/28	(51) C08J 5/24	(51) A61K 39/00
	C08J 7/04	A61K 39/395

C07K 16/18	(00) 17.02.2023	(00) 17.02.2023
C07K 16/22	(51) A61L 15/18	(51) B63B 35/00
C07K 16/24	A61L 15/28	(00) Change of owner(s) name
(00) Assignment	A61L 15/42	(71) Siemens Logistics GmbH
(71) Siemens Logistics GmbH	A61L 15/44	(73) Siemens Logistics GmbH
(73) Siemens Logistics GmbH	A61L 15/46	(11) EP3036164
(11) EP2885218	(00) Assignment	(00) 16.02.2023
(00) 16.02.2023	(71) Plantics Holding B.V.	(51) B65G 47/51
(51) B64F 1/32	(73) Plantics Holding B.V.	B65G 60/00
B65D 19/38	(11) EP2814868	B64F 1/36
B65D 88/12	(00) 20.02.2023	(00) Assignment
(00) Assignment	(51) C08G 63/12	(71) Fesla Charge B.V.
(71) ESBAtech, a Novartis Company LLC	C08G 83/00	(73) Fesla Charge B.V.
(73) Novartis AG	C08J 9/02	(11) 2021309
(11) EP2046382	C08J 9/34	(00) 21.02.2023
(00) 21.02.2023	(00) Change of owner(s) name	(51) B62M 6/80
(51) A61K 39/00	(71) Ollnova Technologies, Ltd.	H01F 38/14
A61K 39/395	(73) Ollnova Technologies, Ltd.	(00) Assignment
C07K 16/18	(11) EP2005713	(71) GRAIL, LLC
C07K 16/22	(00) 20.02.2023	(73) GRAIL, LLC
C07K 16/24	(51) H04L 29/08	(11) EP3469079
(00) Change of owner(s) name	(00) Assignment	(00) 14.02.2023
(71) ASMP T SINGAPORE PTE. LTD.	(71) Siemens Logistics GmbH	(51) C12N 15/10
(73) ASMP T SINGAPORE PTE. LTD.	(73) Siemens Logistics GmbH	C12Q 1/6806
(11) EP2998989	(11) EP2684166	C12Q 1/6809
(00) 20.02.2023	(00) 14.02.2023	C12Q 1/6827
(51) B29C 33/30	(51) G06Q 10/08	C12Q 1/6869
B29C 43/18	(00) Assignment	(00) Merge
B29C 43/36	(71) Siemens Logistics GmbH	(71) National University Corporation Mie
B30B 15/14	(73) Siemens Logistics GmbH	University
B30B 15/24	(11) EP2174274	National University Corporation Tokai
H01L 21/56	(00) 16.02.2023	National Higher Education and Research
(00) Change of owner(s) name	(51) G06Q 10/08	System
(71) Bellus Health Cough Inc.	G06Q 50/28	(73) National University Corporation Mie
(73) Bellus Health Cough Inc.	(00) Assignment	University
(11) EP2951177	(71) Seaway 7 Engineering B.V.	National University Corporation Tokai
(00) 16.02.2023	(73) Seaway 7 Engineering B.V.	National Higher Education and Research
(51) A61K 31/4025	(11) EP3243734	System
A61K 31/437	(00) 17.02.2023	(11) EP2530093
A61K 31/4545	(51) B63B 35/00	(00) 14.02.2023
A61K 31/5377	B63B 35/42	(51) A61K 49/00
A61P 29/00	(00) Change of owner(s) name	(00) Change of owner(s) name
C07D 471/04	(71) Safran Aerosystems	(71) PATTYN BELGIUM
(00) Assignment	(73) Safran Aerosystems	(73) PATTYN BELGIUM
(71) Siemens Logistics GmbH	(11) EP3176093	(11) EP3498617
(73) Siemens Logistics GmbH	(00) 23.02.2023	(00) 20.02.2023
(11) EP3016894	(51) B64D 37/32	(51) B65B 57/02
(00) 16.02.2023	B65D 90/44	B65B 67/12
(51) B65G 47/96	G01N 21/64	(00) Change of owner(s) name
(00) Assignment	(00) Merge	(71) Upfield Europe B.V.
(71) Seaway 7 Engineering B.V.	(71) Siemens Logistics GmbH	(73) Upfield Europe B.V.
(73) Seaway 7 Engineering B.V.	(73) Siemens Logistics GmbH	(11) EP3403507
(11) 2018328	(11) EP2838806	(00) 21.02.2023
(00) 17.02.2023	(00) 16.02.2023	(51) A23D 7/00
(51) B63B 9/06	(51) B65D 19/18	A23D 7/005
B63B 35/00	B65D 21/02	A23D 7/01
F03D 13/10	B64F 1/36	(00) Change of owner(s) name
(00) Change of owner(s) name	(00) Assignment	(71) Siemens Logistics GmbH
(71) Ollnova Technologies, Ltd.	(71) Siemens Logistics GmbH	(73) Siemens Logistics GmbH
(73) Ollnova Technologies, Ltd.	(73) Siemens Logistics GmbH	(11) EP2101235
(11) EP2642697	(11) EP3214423	(00) 16.02.2023
(00) 20.02.2023	(00) 16.02.2023	(51) G05B 19/414
(51) H04L 12/28	(51) G01M 17/10	G05B 19/418
(00) Assignment	(00) Assignment	(00) Assignment
(71) TELEFLEX LIFE SCIENCES LIMITED	(71) Seaway 7 Engineering B.V.	(71) Siemens Logistics GmbH
(73) TELEFLEX LIFE SCIENCES LIMITED	(73) Seaway 7 Engineering B.V.	(73) Siemens Logistics GmbH
(11) EP2863961	(11) EP2905216	(11) EP3057887

(00) 16.02.2023	(51) B65D 41/34	(51) C12Q 1/6806
(51) B65G 1/04	B65D 55/16	C12Q 1/6869
(00) Assignment	B65D 41/32	(00) Merge
(71) Siemens Logistics GmbH	(00) Assignment	(71) Kawasaki Jukogyo Kabushiki Kaisha
(73) Siemens Logistics GmbH	(71) ASMPPT SINGAPORE PTE. LTD.	TB Global Technologies Ltd.
(11) EP2417500	(73) ASMPPT SINGAPORE PTE. LTD.	T.EN Loading Systems S.A.S.
(00) 16.02.2023	(11) EP3454364	(73) Kawasaki Jukogyo Kabushiki Kaisha
(51) G05B 19/418	(00) 20.02.2023	TB Global Technologies Ltd.
B64F 1/36	(51) H01L 21/67	T.EN Loading Systems S.A.S.
(00) Assignment	(00) Change of owner(s) name	(11) EP3734133
(71) ASMPPT SINGAPORE PTE. LTD.	(71) Siemens Logistics GmbH	(00) 21.02.2023
(73) ASMPPT SINGAPORE PTE. LTD.	(73) Siemens Logistics GmbH	(51) F16L 27/08
(11) EP3098837	(11) EP3205411	F16L 39/04
(00) 20.02.2023	(00) 16.02.2023	F16L 59/075
(51) H01L 21/67	(51) B07C 3/14	B67D 9/00
H01L 21/603	(00) Assignment	(00) Assignment
(00) Change of owner(s) name	(71) Siemens Logistics GmbH	(71) Siemens Logistics GmbH
(71) CIP Mobility GmbH	(73) Siemens Logistics GmbH	(73) Siemens Logistics GmbH
(73) CIP Mobility GmbH	(11) EP3722909	(11) EP3110724
(11) EP3463927	(00) 16.02.2023	(00) 16.02.2023
(00) 08.02.2023	(51) G05D 1/02	(51) B65G 1/02
(51) B60B 1/00	H04W 4/00	(00) Assignment
B60B 1/02	G06Q 10/00	(71) Siemens Logistics GmbH
B60B 1/08	(00) Assignment	(73) Siemens Logistics GmbH
B60B 3/00	(71) GRAIL, LLC	(11) EP3628569
B60B 3/06	(73) GRAIL, LLC	(00) 16.02.2023
B60B 5/02	(11) EP3532643	(51) B62D 7/15
(00) Assignment	(00) 14.02.2023	B66F 9/06
(71) Siemens Logistics GmbH	(51) C12N 15/10	G06Q 10/04
(73) Siemens Logistics GmbH	C12Q 1/6806	G06Q 10/06
(11) EP3741606	(00) Merge	G06Q 10/08
(00) 16.02.2023	(71) Copenhagen Atomics A/S	G06Q 50/28
(51) B60L 5/04	(73) Copenhagen Atomics A/S	G05D 1/02
B60L 5/39	(11) EP3338283	(00) Assignment
B60M 1/28	(00) 22.02.2023	(71) Siemens Logistics GmbH
B60M 1/30	(51) G01J 3/02	(73) Siemens Logistics GmbH
G05B 19/042	G01J 3/443	(11) EP3319889
B65G 43/02	G01N 21/64	(00) 16.02.2023
(00) Assignment	G01N 21/71	(51) B65G 47/244
(71) CIP Holding AG Creating Intelligent Products	G21C 1/02	(00) Assignment
(73) CIP Mobility GmbH	G21C 1/03	(71) Huntsman Textile Effects (Switzerland) GmbH
(11) EP3463927	G21C 1/30	(73) Huntsman Textile Effects (Switzerland) GmbH
(00) 08.02.2023	G21C 17/025	(11) EP3752649
(51) B60B 1/00	G21C 17/06	(00) 22.02.2023
B60B 1/02	G21C 17/116	(51) C14C 3/08
B60B 1/08	G21C 19/02	D06P 3/00
B60B 3/00	G21C 19/31	D06P 1/02
B60B 3/06	G21D 3/08	D06P 1/00
B60B 5/02	(00) Change of Legal Entity	D06P 1/38
(00) Change of owner(s) name	(71) Siemens Logistics GmbH	D06P 1/382
(71) CIP Holding AG Chinese Intelligent Partner	(73) Siemens Logistics GmbH	D06P 1/384
(73) CIP Mobility GmbH	(11) EP3187438	D06P 3/32
(11) EP3463927	(00) 16.02.2023	(00) Assignment
(00) 08.02.2023	(51) B65G 43/08	(71) Siemens Logistics GmbH
(51) B60B 1/00	(00) Assignment	(73) Siemens Logistics GmbH
B60B 1/02	(71) ELICA S.p.A.	(11) EP3670007
B60B 1/08	BORA Vertriebs GmbH & Co KG	(00) 16.02.2023
B60B 3/00	(73) ELICA S.p.A.	(51) B07C 5/00
B60B 3/06	BORA Vertriebs GmbH & Co KG	B07C 3/00
B60B 5/02	(11) EP3593053	B65G 43/00
(00) Change of owner(s) name	(00) 20.02.2023	(00) Assignment
(71) ThisCap Inc.	(51) F24C 15/20	(71) IMPERIAL TOBACCO LIMITED
(73) ThisCap Inc.	(00) Assignment	(73) IMPERIAL TOBACCO LIMITED
(11) EP3277598	(71) GRAIL, LLC	(11) EP3873250
(00) 14.02.2023	(73) GRAIL, LLC	(00) 14.02.2023
	(11) EP3478856	
	(00) 14.02.2023	

(51) A24B 15/28

A24B 15/30

(00) Assignment

(71) Koninklijke Philips N.V.

(73) Koninklijke Philips N.V.

(11) EP3900207

(00) 22.02.2023

(51) H04B 7/0456

(00) Assignment

(71) Seaway 7 Engineering B.V.

(73) Seaway 7 Engineering B.V.

(11) EP3580121

(00) 17.02.2023

(51) B63B 77/10

(00) Change of owner(s) name

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).