



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
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Europese octrooien waarvoor een gewijzigde vertaling is ingediend.	The Netherlands in which an amended translation was filed.	
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Rubriek MED Bevat gegevens betreffende overige mededelingen.	178Heading MED Contains data concerning other communications.	178
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Rubriek UP1 Bevat gegevens over Europese octrooien met geregistreerde eenheidswerking.	197Heading UP1 Contains data concerning European patents with registered Unitary Effect.	197
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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
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(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 octrooiën	(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
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Rubrieken/Headings

NP1

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(54) METHOD FOR PROMOTING	Froukje Ellen Euwe	General Hospital
ROOT GROWTH OF TEA CUTTING	Paulus Thomas Wilhelmus Suyker	(74) dr. R.C. van Duijvenbode c.s.
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ACADEMY OF AGRICULTURAL	Jesse Mattan Bosma	Xuelin Zhao
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(71) Xinjiang Academy of Agricultural and Reclamation Sciences	(71) UPM-Kymmene Corporation	F02D 41/00
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(72) Zhiyong Zhao	(72) Florian Diehl	(21) 2029501
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(51) C05G 3/80	(32) 21.10.2021	(71) DEZHOU UNIVERSITY
(21) 2032519	(33) Finland	(74) ir. M.B. Plaggenborg
(22) 16.07.2022	(51) C08L 23/12	(72) Xiangbing Zhu
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(72) Zhenming Zhang	(22) 12.10.2022	Heli Yang
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(41) 19.05.2023	Zhaoxue Deng	(31) 202111255302X
(51) F03B 3/04	Ce Wang	(32) 27.10.2021
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(21) 2031029	(31) 202211141066.3	(51) G03F 7/20
(22) 22.02.2022	(32) 20.09.2022	H05G 2/00
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(71) Xi'an University of Technology	(51) F16G 11/14	(22) 29.08.2022
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(74) ir. W.J.J.M. Kempes	(71) Berkin B.V.	(74) ir. M.B. Plaggenborg
(72) Qi Wang	(74) ir. A. Blokland c.s.	(72) Biyun Chen
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Rui Li	(71) Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences	G06N 3/045
Feng Qin	(74) dr. T. Wittop Koning PhD	G06V 10/82
Hanlin Yan	(72) Haifeng Wang	(21) 2034409
Wenhan Zhang	Xiangxiang Yu	(22) 23.03.2023
Yue Lin	Shengyu Li	(54) A BIOLOGICAL INVASION IDENTIFICATION METHOD BASED ON MULTI-SOURCE DATA FUSION ANALYSIS
(31) 202111253680.4	Jinglong Fan	(71) Yancheng Teachers University
(32) 27.10.2021	(31) 202111231653.7	(74) ir. M.B. Plaggenborg
(33) China	(32) 22.10.2021	(72) Biyun Chen
(51) F16F 9/10	(33) China	(31) 202210575412.2
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(21) 2034617	G01M 3/16	(33) China
(22) 18.04.2023	G01M 3/40	(51) G06Q 10/04
(54) DAMPING CONTINUOUSLY VARIABLE SHOCK ABSORBER	G01N 27/04	G06F 30/27
(71) CHONGQING JIAOTONG UNIVERSITY	G01N 27/06	G06N 7/00
(74) ir. M.B. Plaggenborg	(21) 2030330	(21) 2033357
(72) Zhaoxue Deng	(22) 29.12.2021	(22) 19.10.2022
Yangrui Zhang	(54) MEASURING DEVICE AND MEASURING METHOD BASED ON HIGH-DENSITY ELECTRICAL METHOD	(54) METHOD, SYSTEM AND STORAGE MEDIUM FOR BUS SCHEDULING OPTIMIZATION BASED ON SIMULATION
Kejian Dong	(71) CHINESE RESEARCH ACADEMY OF ENVIRONMENTAL SCIENCES	(71) Tianjin University
Ce Wang	(74) dr. J. van Straaten	(74) dr. T. Wittop Koning PhD
(31) 202211189951.9	(72) Ya Xu	(72) Shuai Ling
(32) 28.09.2022	Jingcai Liu	Ning Jia
(33) China	Guangyuan Yao	Geng Li
(51) F16F 9/348	Changxin Nai	Junfang Tian
F16K 3/06	Yuqiang Liu	
(21) 2034616		
(22) 18.04.2023		
(54) DAMPING ADJUSTING VALVE WITH LIMITING DEVICE		
(71) CHONGQING JIAOTONG UNIVERSITY		
(74) ir. M.B. Plaggenborg		
(72) Kejian Dong		

Shuxian Xu	(41) 23.05.2023
Shoufeng Ma	(51) H02K 11/21
Shiquan Zhong	H02K 11/27
Hongming Dong	H02K 37/04
(31) 202111226984.1	H02K 19/10
(32) 21.10.2021	H02K 37/14
(33) China	(21) 2029491
(51) G06T 5/00	(22) 22.10.2021
(21) 2029515	(54) MOTOR SYSTEM, STEPPER MOTOR AND ROTOR
(22) 26.10.2021	(71) Universiteit Twente
(54) IMPROVED SELF-ADAPTIVE WAVELET TERAHERTZ IMAGE DENOISING METHOD	(74) dr. ir. G.J.C. Verdijck c.s.
(71) Jimei University	(72) Vincent Groenhuis
(74) drs. A.A. Jilderda	(41) 19.05.2023
(72) Huixiang Huang	(51) H04B 7/0413
Tiejun Li	G06N 3/00
Jinyan Pan	H04W 72/08
Hongyu Chen	H04W 72/04
Guifang Shao	H04W 72/12
(41) 23.05.2023	(21) 2029499
(51) G06V 30/224	(22) 24.10.2021
(21) 2029507	(54) METHOD FOR ALLOCATING DIVERSE RESOURCES FOR HETEROGENEOUS MASSIVE MIMO SYSTEM BASED ON NETWORK SLICES
(22) 25.10.2021	(71) HARBIN ENGINEERING UNIVERSITY
(54) Dot code detection	(74) ir. M.B. Plaggenborg
(71) FiliMade Holding B.V.	(72) Shihao Wang
(74) ir. J.C. Volmer c.s.	Hongyuan Gao
(72) Bjørn-Erik Johan Willem Pieter Hendrik van Dommelen	Yanan Du
Johannes Bernardus Kerver	Jingya Ma
(51) H01J 37/28	Shibo Zhang
H01J 37/153	Helin Sun
(21) 2033386	Yapeng Liu
(22) 24.10.2022	Menghan Chen
(54) Method of global and local optimization of imaging resolution in a Multibeam System	Yumeng Su
(71) Carl Zeiss MultiSEM GmbH	(41) 19.05.2023
(74) ir. H.A. Witmans c.s.	
(72) Christof Riedesel	
(31) 102021211965.4	
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(33) Germany	
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(54) Flexible planar transmission line with a filter	
(71) Delft Circuits B.V.	
(74) dr. R.C. van Duijvenbode c.s.	
(72) Kiefer James Vermeulen	
Wouter Martinus Gerard Bos	
Chun Heung Wong	
Robertus Franciscus Maria van der Brink	
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E04C 1/39	
F21V 33/00	
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(54) Sun porch, roof, terrace roof, porch, or veranda with electrical section	
(71) Gumax B.V.	
(74) dr. ir. G.J.C. Verdijck c.s.	
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**Ingeschreven en verleende octrooien op grond van de Octrooiwet 1995.
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(11) 2029504	(74) drs. C.M.A. Quintelier	(47) 23.05.2023
(47) 19.05.2023	(31) 202110930183.7	(22) 11.08.2022
(22) 25.10.2021	(32) 13.08.2021	(54) BRIDGE DECK ASPHALT ODOR PURIFY DEVICE
(54) METHOD FOR PROMOTING ROOT GROWTH OF TEA CUTTING SEEDLING	(33) China	(73) ZHENGZHOU UNIVERSITY OF AERONAUTICS
(73) TEA RESEARCH INSTITUTE, CHINESE ACADEMY OF AGRICULTURAL SCIENCES	(51) A61K 8/9794	(72) Pingdingshan Highway Transportation Institute of Survey and Design
(72) Peng Yan	A61Q 19/08	(72) Huayu Liang
Zhenhao Zou	A61Q 17/04	Junxiao Chen
Xin Li	(11) 2029500	Yanli Li
Lan Zhang	(47) 19.05.2023	Zhiqiang Liu
Wenyan Han	(22) 24.10.2021	Haiwei Zhang
Jianyu Fu	(54) COSMETIC PREPARATION USING HEDYCHIUM CORONARIUM AS AN ANTI-AGING SKIN CARE FACTOR AND PREPARATION METHOD THEREOF	Juanfang Li
Liping Zhang	(73) ZHEJIANG SHUREN COLLEGE (ZHEJIANG SHUREN UNIVERSITY)	Wentong Zhao
(74) ir. M.B. Plaggenborg	(72) Xiaolu Xu	Qilong Fu
(51) A47B 21/007	Feilin Hao	(74) ir. M.B. Plaggenborg
(11) 2029495	Deyong Zhang	(51) A61L 26/00
(47) 19.05.2023	Huiying Xu	B01J 20/24
(22) 22.10.2021	Yin Lu	B01J 20/28
(54) Ergonomic multifunctional table	(74) ir. M.B. Plaggenborg	A61L 15/28
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(72) René Johannes Pieter Scholten	A61P 31/04	(11) 2030477
Menno Bijlsma	A61K 39/09	(47) 19.05.2023
Ernst Hupkes	A61K 36/185	(22) 08.01.2022
(74) ir. J.C. Volmer c.s.	A61K 36/634	(54) Underwater Elastic Cellulose Aerogel and Preparation Method and Application Thereof
(51) A61B 17/11	(11) 2032905	(73) Advanced Materials Institute, Shandong Academy of Sciences
(11) 2029502	(47) 23.05.2023	(72) Huaipeng Pang
(47) 19.05.2023	(22) 30.08.2022	Guoran Liu
(22) 25.10.2021	(54) GREEN PREVENTION AND CONTROL METHOD FOR SWINE STREPTOCOCCOSIS	Meng Wang
(54) An anastomosis connector, a group of parts and an applicator	(73) INSTITUTE OF ANIMAL HEALTH, GUANGDONG ACADEMY OF AGRICULTURAL SCIENCES	Peipei Sun
(73) UMC Utrecht Holding B.V.	(72) Hua Xiang	Yong Li
(72) Wilhelmus Josephus Leonardus Suyker	Rujian Cai	(74) dr. T. Wittop Koning PhD
Jeroen van den Berg	Xiaohu Wang	(31) 202110212618.4
Froukje Ellen Euwe	Yuan Huang	(32) 25.02.2021
Paulus Thomas Wilhelmus Suyker	Jing Chen	(33) China
Paul Frederik Gründeman	(74) ir. M.B. Plaggenborg	(51) B01D 53/50
Harmen Matthijs Wassink	(51) A61K 36/8994	B01D 53/80
Jesse Mattan Bosma	A61P 11/00	B01D 53/14
Leonard Jan van Schelven	(11) 2031642	B01J 20/06
Monica Gianoli	(47) 23.05.2023	(11) 2032088
(74) ir. A.R. Aalbers	(22) 20.04.2022	(47) 19.05.2023
(51) A61B 18/00	(54) Composition comprising traditional Chinese medicine ingredients for use in a method for the treatment of bronchial asthma or emphysema and method of preparation thereof	(22) 07.06.2022
A61B 18/12	(73) Chenguang Bie	(54) METHOD AND SYSTEM FOR WET- PROCESS REMOVAL OF SULFUR DIOXIDE BY ELECTRIC FURNACE STEELMAKING DUST
(11) 2032677	(72) Chenguang Bie	(73) Yunnan Minzu University
(47) 19.05.2023	(74) dr. A.V. Huygens	(72) Lijuan Jia
(22) 04.08.2022	(51) A61L 9/20	Ping Ning
(54) A METHOD AND DEVICE OF ADAPTIVE EMC-EMI RADIO FREQUENCY SIGNAL DATA PROCESSING	B01D 53/44	Qian Yu
(73) CARBON (SHENZHEN) MEDICAL DEVICE CO, LTD.	B01D 53/75	Binghua Xie
(72) Xiaowei Yang	B01D 53/81	Fang Wang
Menglin Wu		Jiyun Gao
Shiping Zhang		Tiancheng Liu

Linzhuan Ma	(11) 2029494	(31) 202110440622.6
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(32) 08.06.2021	(54) Werkwijze voor het vervaardigen van een prototype van een waaijer van een ventilator	(51) C07D 301/16
(33) China	(73) Vostermans Ventilation B.V.	C07D 303/04
(51) B01D 53/50	(72) Hendrik Louis Joseph Vostermans	C25B 1/30
B01J 20/06	(74) ir. A. Blokland c.s.	C25B 3/07
B01D 53/14	(51) B43L 5/00	C25B 3/26
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(54) METHOD AND SYSTEM FOR WET-PROCESS REMOVAL OF SULFUR DIOXIDE BY BLAST FURNACE IRONMAKING DUST	(47) 19.05.2023	(22) 22.10.2021
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(72) Linzhuan Ma	(73) Zhengzhou University of Aeronautics	(73) Technische Universiteit Delft
Binghua Xie	(72) Yibei Ran	(72) Frank Hollmann
Fang Wang	Yu Ran	Hugo Luc Yvon Brasselet
Qian Yu	(74) dr. J. van Straaten	Ruud Kortlever
Tiancheng Liu	(51) B43L 13/06	John Nijenhuis
Lijuan Jia	(11) 2033367	(74) ir. H.A. Witmans c.s.
Ping Ning	(47) 19.05.2023	(51) C08B 37/00
Jiyun Gao	(22) 20.10.2022	C08J 5/18
(74) ir. M.B. Plaggenborg	(54) A Drawing Ruler for Art Design	B65D 65/38
(31) 202110636746.1	(73) Zhengzhou University of Aeronautics	C08J 7/12
(32) 08.06.2021	(72) Kexiang Ma	(11) 2029514
(33) China	Yibei Ran	(47) 23.05.2023
(51) B08B 7/00	Sungwon Lee	(22) 26.10.2021
B08B 15/04	(74) dr. J. van Straaten	(54) Preparation method of nano chitin/polyvinyl alcohol composite film, and the prepared composite film and application thereof
B23K 26/16	(51) B60K 1/00	(73) Huagong Liyan (Guangdong) New Material Technology Co., Ltd
(11) 2029505	B60K 1/04	South China University of Technology
(47) 19.05.2023	B60K 17/28	(72) GuangXue Chen
(22) 25.10.2021	(11) 2029510	Chao Peng
(54) Laser device and method for laser cleaning a surface	(47) 23.05.2023	LinYi Chen
(73) P-LASER N.V.	(22) 26.10.2021	ZhenRan Chen
(72) Jean Claude Marie Philippron	(54) Modular Mobile Work Apparatus	ShuLin Zhang
(74) ir. J.C. Volmer c.s.	(73) Hudson I.P. B.V.	(74) V. Mellet
(51) B23K 3/047	(72) Leendert Wilhelmus Cornelis Huissoon	(51) C09K 11/56
B23K 1/002	(74) dr. ir. G.J.C. Verdijck c.s.	(11) 2033219
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(22) 27.12.2021	(11) 2029513	(54) SULFUR QUANTUM DOT WITH HIGH FLUORESCENCE QUANTUM YIELD AND MIMIC OXIDASE ACTIVITY, AND PREPARATION AND APPLICATION THEREOF
(54) BRAZING DEVICE FOR SPECTACLE FRAME	(47) 23.05.2023	(73) SICHUAN AGRICULTURAL UNIVERSITY
(73) ZHENGZHOU RESEARCH INSTITUTE OF MECHANICAL ENGINEERING CO., LTD.	(22) 26.10.2021	(72) Xianxiang Wang
(72) Weimin Long	(54) PACKAGING BOX SPECIAL FOR FRUIT LOGISTICS	Hai Guo
Yuanxun Shen	(73) Xinjiang Academy of Agricultural and Reclamation Sciences	Yue Xie
Sujuan Zhong	(72) Zhiyong Zhao	Hongrui Guo
Xiupeng Li	Ziqin Li	Xinyue Liu
Luyi Wang	(74) drs. A.A. Jilderda	Zhicai Zuo
Yunyue Li	(51) B65G 53/12	(74) ir. M.B. Plaggenborg
Yinyin Pei	B65G 65/40	(31) 202211099763.7
(74) drs. C.M.A. Quintelier	(11) 2030358	(32) 09.09.2022
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(33) China	(54) INTELLIGENT MODULAR PNEUMATIC CONVEYING DEVICE	C12M 3/06
(51) B29C 64/147	(73) Zuoxing Yang	C12M 3/00
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B33Y 80/00	Donglin Yang	(11) 2029490
B29C 64/386	Zuoxing Yang	(47) 19.05.2023
B33Y 50/00	Liping Dong	
B32B 1/00	Hang Yang	
B32B 21/00	(74) drs. C.M.A. Quintelier	

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(54) Microinjection system and method	(31) 201911276840.X	(31) 2021107328
(73) Life Science Methods B.V.	(32) 12.12.2019	(32) 19.03.2021
(72) Jan de Sonnevile	(33) China	(33) Russian Federation
(74) dr. R.C. van Duijvenbode c.s.	(51) F02B 75/32	(51) G01B 11/16
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(54) Gutter	(54) CRANK ANGLE REGULATOR FOR	(47) 23.05.2023
(73) Bob Janssen	PARALLEL CRANKSHAFT ENGINE	(22) 18.08.2022
(72) Erik Hans Kooistra	(73) DEZHOU UNIVERSITY	(54) WIND TURBINE TOWER DRUM
(74) drs. P.A. van Essen c.s.	(72) Xiangbing Zhu	CURVATURE DETECTION METHOD
(31) 20202162.2	Shida Liu	BASED ON STATIC 3D LASER
(32) 15.10.2020	Yanxia Wu	SCANNING
(33) European Patent Office (EPO)	Weidong Wang	(73) Powerchina Northwest Engineering
(51) E04F 13/08	Heli Yang	Corporation Limited
E04F 13/18	Zhenping Shi	(72) Yue Zhao
E04F 15/02	Jianchen Zhang	Yanling Zhao
E04F 15/10	Changkun Zhang	Baoxiong Lv
E04F 13/16	Haorui Liu	Junheng Cao
(11) 2029496	Li Li	Zhongliang Lv
(47) 19.05.2023	Hongxin Ma	Zhixiang Zhao
(22) 22.10.2021	(74) ir. M.B. Plaggenborg	(74) ir. W.J.J.M. Kempes
(54) Decorative panel, and decorative panel	(51) F16K 1/36	(51) G01F 1/00
covering	F16K 25/00	(11) 2030695
(73) Li&Co AG	F16K 31/06	(47) 19.05.2023
(72) Edwin Lingg	(11) 2029450	(22) 25.01.2022
(74) ir. H.Th. van den Heuvel c.s.	(47) 19.05.2023	(54) FLOW TEST AID AND USING METHOD
(51) E04H 9/02	(22) 18.10.2021	THEREOF
E04B 1/24	(54) Fluid flow device, comprising a flow	(73) Institute Of Water Resources for Pastoral
(11) 2032739	control device with a sealing portion	Area, MWR
(47) 23.05.2023	provided with a non-stick layer having	(72) Yongfu Wei
(22) 11.08.2022	one or more discontinuities.	Zihe Wang
(54) ENERGY-DISSIPATION TYPE BEAM-	(73) Berkin B.V.	Wenting Wang
COLUMN JOINT WITH ENERGY	(72) Hans Leon Margaretha Maria Maas	Zhifu Zhang
DISSIPATION FUNCTION	Jan Wouter van de Geest	Yiping Zhao
(73) ZHENGZHOU UNIVERSITY OF	(74) ir. A. Blokland c.s.	Tenglin Deng
AERONAUTICS	(51) F16L 7/02	Di Liu
(72) Wentong Zhao	F16L 55/134	Xiaofeng Du
Haiwei Zhang	G01M 3/02	Jing Jin
Juanfang Li	(11) 2021146	Mingxin Wang
Ru Xue	(47) 23.05.2023	(74) ir. M.B. Plaggenborg
Weiqi Yue	(22) 18.06.2018	(31) 202110138610.8
(74) ir. M.B. Plaggenborg	(54) AFSLUITELEMENT VOOR HET	(32) 01.02.2021
(51) E21B 43/34	TESTEN VAN LEKKAGES	(33) China
(11) 2026954	(73) Vliegen NV	(51) G01N 3/12
(47) 23.05.2023	(72) Kurt Vliegen	G01N 3/06
(22) 23.11.2020	Dieter Vliegen	G01N 33/24
(54) EXPERIMENTAL SYSTEM AND	Danny Vliegen	(11) 2030754
METHOD FOR INTEGRATED	Gunther Vliegen	(47) 19.05.2023
SIMULATION OF SAND PRODUCTION	(74) dr. ir. G.J.C. Verdijck c.s.	(22) 27.01.2022
AND REFORMATION OF NATURAL	(31) 2017/5432	(54) HARD BRITTLE SHALE CRACK
GAS HYDRATE RESERVOIRS	(32) 16.06.2017	OPENING SIMULATION METHOD
AROUND WELLS	(33) Belgium	(73) China University of Petroleum (Beijing)
(73) China University of Geosciences	(51) F25B 21/02	(72) Chengyun Ma
(72) Fulong Ning	G01R 31/28	Xiaorong Li
Zhichao Liu	(11) 2030144	Jingen Deng
Yanjiang Yu	(47) 19.05.2023	Yongcun Feng
Hongfeng Lu	(22) 15.12.2021	(74) ir. M.B. Plaggenborg
Heen Zhang	(54) The temperature-vacuum impacting	(31) 202110228401.2
Wan Cheng	device	(32) 02.03.2021
Xiaofeng Dou	(73) Ostec-Electro LTD	(33) China
Jiaxin Sun	(72) Kondratii Petrovich Shukhtin	(51) G06Q 10/20
Wenjia Ou	Anton Salakhdinovich Sheikho	B61B 12/06
Yanlong Li	Andrei Iurevich Nasonov	B61B 7/00
Changling Liu	Arsenij Aleksandrovich Likij	B61B 12/00

G06F 16/28	G06N 3/08	Leonardus Petrus Albertus Coolen
G06F 18/20	G01R 31/327	(74) dr. ir. G.J.C. Verdijck c.s.
(11) 2030740	H01H 33/36	(51) H02K 11/21
(47) 19.05.2023	(11) 2032669	H02K 11/27
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(54) PASSENGER ROPEWAY DETECTION	(22) 03.08.2022	H02K 19/10
MONITORING AND HEALTH	(54) INTELLIGENT METHOD FOR	H02K 37/14
DIAGNOSIS SYSTEM AND METHOD,	DIAGNOSING MECHANICAL FAULT OF	(11) 2029491
MEDIUM AND EQUIPMENT	HIGH-VOLTAGE ISOLATING SWITCH	(47) 19.05.2023
(73) China Special Equipment Inspection and	BASED ON TRANSFER LEARNING	(22) 22.10.2021
Research Institute	(73) Honghe Power Supply Bureau of Yunnan	(54) MOTOR SYSTEM, STEPPER MOTOR
(72) Keqin Ding	Power Grid Co., Ltd.	AND ROTOR
Guansi Liu	(72) Chunsong Li	(73) Universiteit Twente
Na Li	Jianwei Wang	(72) Vincent Groenhuis
(74) ir. M.B. Plaggenborg	Bing Wang	(74) dr. ir. G.J.C. Verdijck c.s.
(31) 202110124910.0	Youzhi Bao	(51) H04B 7/0413
(32) 29.01.2021	Yuntao Liu	G06N 3/00
(33) China	Yizheng Yang	H04W 72/08
(51) G06T 5/00	Jiyong Xu	H04W 72/04
(11) 2029515	Huiming Li	H04W 72/12
(47) 23.05.2023	Rui Zhang	(11) 2029499
(22) 26.10.2021	Tao Yang	(47) 19.05.2023
(54) IMPROVED SELF-ADAPTIVE WAVELET	Shiwei Li	(22) 24.10.2021
TERAHERTZ IMAGE DENOISING	Yuanlong Zhang	(54) METHOD FOR ALLOCATING DIVERSE
METHOD	Yan Zhang	RESOURCES FOR HETEROGENEOUS
(73) Jimei University	Qilong Zhu	MASSIVE MIMO SYSTEM BASED ON
(72) Huixiang Huang	Deyin Qian	NETWORK SLICES
Tiejun Li	Yakui Deng	(73) HARBIN ENGINEERING UNIVERSITY
Jinyan Pan	Yu Zhang	(72) Shihao Wang
Hongyu Chen	Mingjiang Liu	Hongyuan Gao
Guifang Shao	Yongzhi Wang	Yanan Du
(74) drs. A.A. Jilderda	Yongjian He	Jingya Ma
(51) G06T 17/05	Zhongwen Wang	Shibo Zhang
G06V 20/17	Wenwu Zhou	Helin Sun
G06T 7/00	Jin Yang	Yapeng Liu
G06V 10/74	Yannan Cai	Menghan Chen
(11) 2030786	Shaohua Jiang	Yumeng Su
(47) 23.05.2023	Cheng Li	(74) ir. M.B. Plaggenborg
(22) 31.01.2022	Jiali Liu	
(54) METHOD FOR IDENTIFYING	Jianming Hu	
POTENTIAL LANDSLIDE HAZARD OF	Yungui Zhang	
RESERVOIR BANK BASED ON ROCK	Hongtao Yao	
MASS DEGRADATION FEATURE	Guirong Liu	
(73) Wuhan Center, China Geological Survey	Jiarong Shi	
(Central South China Innovation Center	(74) ir. W.J.J.M. Kempes	
for Geosciences)	(51) H01P 1/203	
(72) Yueping Yin	(11) 2029508	
Bolin Huang	(47) 19.05.2023	
Runqing Ye	(22) 25.10.2021	
Chenyang Zhang	(54) Flexible planar transmission line with a	
Yanjun Zhang	filter	
Zhenwei Dai	(73) Delft Circuits B.V.	
Xiaolin Fu	(72) Kiefer James Vermeulen	
(74) dr. T. Wittop Koning PhD	Wouter Martinus Gerard Bos	
(31) 202110569567.0	Chun Heung Wong	
(32) 25.05.2021	Robertus Franciscus Maria van der Brink	
(33) China	(74) dr. R.C. van Duijvenbode c.s.	
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(54) Dot code detection	(11) 2029517	
(73) FiliMade Holding B.V.	(47) 23.05.2023	
(72) Bjørn-Erik Johan Willem Pieter Hendrik	(22) 26.10.2021	
van Dommelen	(54) Sun porch, roof, terrace roof, porch, or	
Johannes Bernardus Kerver	veranda with electrical section	
(74) ir. J.C. Volmer c.s.	(73) Gumax B.V.	
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NP3

**Nederlandse octrooien na gedeeltelijke afstand conform artikel 63 van de Octrooiwet 1995..
Contains data concerning Netherlands patents which have been entered in the patent
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EP1

Vertaalde conclusies van Europese octrooiaanvragen.

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

(43) 22.02.2023

(11) EP4136409

(51) G01C 21/34

G06Q 50/30

G08G 1/01

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(54) CALIBRATION SYNCHRONIZATION	(51) A01D 34/00	(72) Schiewer, Stefan
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(73) Deere & Company	G05D 1/02	Lütkeschümer, Malte
(72) Hodson, Michael J.	(11) EP3614824	Graute, Mathias
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(54) SPREADING MACHINE	(47) 24.05.2023	LEVEL
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KG	(54) MONITORING DEVICE FOR	(72) EGGINK, Pieter, Martijn
(72) WIEN, Thomas	MONITORING CROP YIELD	HAANSTRA, Jacob, Pieter, Willem
LÜBBEN, Jan-Eike	(73) Deere & Company	GUTTELING, Evert, Willem
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(72) Wu, Shaowen	A24F 40/51	YAMADA, Manabu
Ford, Chad	A24F 40/10	REFIOR, Philipp Hans
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A23P 20/10	REMOVING AEROSOL GENERATING	(47) 24.05.2023
A23P 20/20	ARTICLE	(22) 01.09.2021
A23G 3/48	(73) KT&G Corporation	(54) POWER SUPPLY UNIT FOR AEROSOL
A23G 3/34	(72) AN, Hwi Kyeong	GENERATION DEVICE
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<hr/>	(73) Philip Morris Products S.A.	DEVICE, AND POWER SUPPLY
(51) A24C 5/60	(72) BATISTA, Rui Nuno	DEVICE
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(54) HELMET WITH ELECTRONICS BOX	(73) Comadur S.A.	PESQUEUX, Laurent
(73) Krauter, Günter	(72) GEISER, Alain	PARIS, Philippe
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SMALDONE, Patricia L.	KISSLING, Gregory	AND/OR EYEBROWS, COMPRISING
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SUCH AS WRISTWATCHES AND/	(11) EP3903625	(51) A46B 9/04
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EXTENDED WEAR TIME	201762592950 P	(72) WIMALASENA, Nirosha, Seth
(73) 3M Innovative Properties Company	201762576498 P	(31) 201962856446 P
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07.06.2017	United States of America	(22) 02.06.2020
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United States of America	United States of America	(73) THE PROCTER & GAMBLE COMPANY
United States of America	United States of America	(72) WIMALASENA, Nirosha, Seth
United States of America	United States of America	(31) 201962856454 P
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(73) 3M Innovative Properties Company	(22) 19.09.2017	DUSOLD, Jennifer Lynn
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ROBINSON, Timothy, Mark	PACKAGE STRUCTURE	ORR, Jill Marlene
(31) 201762565754 P	(73) Zeon Corporation	PORTER, Margaret Elizabeth
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Lee, Jun Seong	(33) Colombia	JONES, Nicholas
Chung, Mi Boon	(51) A61K 9/72	WILLIAMS, Robin
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(72) Mei, Zhen	USING THE SAME	(72) NILSSON, Anders
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G05B 19/418	(72) VALENTINI, Andrea	(72) WU, Jian-Rung
(11) EP3661694	(51) B24D 3/06	CHIEN, Chia-Yu
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(47) 24.05.2023	B24D 18/00	(32) 31.01.2020
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(54) METHOD AND DEVICE FOR	(87) US2016039810	(21) EP20722609.3
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LEAST ONE TOOL MAGAZINE FOR A	FORMING	(22) 06.05.2020
MACHINE TOOL	(73) Saint-Gobain Abrasives, Inc.	(54) BALANCER FOR TOOLS
(73) Siemens Aktiengesellschaft	Saint-Gobain Abrasifs	(73) Tecna S.p.A.
(72) ROYER, Christian	(72) TIAN, Yinggang	(72) GUBELLINI, Fabio
(51) B23Q 7/04	PEARLMAN, John J.	BERGAMI, Damiano
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(54) LOADING DEVICE AND MACHINING	B24D 3/00	B25J 15/00
DEVICE	B24D 11/02	B65G 59/00
(73) Roland DG Corporation	B24D 11/00	B65G 47/71
(72) HANAJIMA, Shingo	B24D 5/04	B65G 61/00
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(21) EP18201036.3	WHEEL	INTEGRAL EXTRACTION MECHANISM
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(51) B25J 5/00	(51) B25J 19/02	(11) EP3600803
B65G 1/137	B25J 19/06	(21) EP17787169.6
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(21) EP18184453.1	(54) MANIPULATOR AND MOVING ROBOT	FOR PERFORATING A FLAT-FOLDED
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(47) 24.05.2023	(47) 24.05.2023	SUPPORTING HEAD OF A MACHINE
(87) JP2019022300	(22) 06.05.2021	USED FOR THE WORKING OF SHEET
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B32B 21/14	B29B 9/12	ENGINE USING A REDUCED-SIZE
E04C 2/16	B29B 7/60	VACUUM SHEET
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B28B 11/04	(51) B29C 33/30	OBJECT
B28B 13/02	B29C 33/48	(73) SACMI COOPERATIVA MECCANICI
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B29C 70/54	PÉREZ BETANZOS, Carlos	Döhler, Tim
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B29C 65/16	B29D 99/00	COMPOSITE MATERIAL COMPONENT
B29C 65/48	B05C 5/02	AND DEVICE FOR PRODUCING
B29L 9/00	B29C 65/48	COMPOSITE MATERIAL COMPONENT
B29L 31/00	B29L 31/08	(73) Jamco Corporation
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MAGNESS, Robert, Earl	Service GmbH	(72) BRUCE, Ian
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ALIX, Guillaume	BIER, Martin	METHODS USING SEGMENTED
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CONTROLLING A WATER HEATER	28.11.2019	APPLIANCE
HAVING A POWERED ANODE	(22) 26.12.2018	(73) Whirlpool Corporation
(73) A.O. Smith Corporation	(54) ICE-CRUSHING DEVICE AND	(72) Gochika, Koteswara Rao
(72) KNOEPEL, Ray, Oliver	REFRIGERATOR	Kapure, Narendra A.
SCHULTZ, Michael, William	(73) Qingdao Haier Co., Ltd.	Navalgund, Manjunathreddi
ROONEY, Timothy, Edward	(72) ZHANG, Kui	Sambrekar, Manoj T.
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(47) 24.05.2023	COOLING ASSEMBLY	(72) ZHANG, Hao
(22) 28.09.2020	(73) Whirlpool Corporation	XIA, Enpin
(54) ELECTROCALORIC DEVICE AND	(72) Gupta, Deepak	WANG, Yingxing
CONTROL SYSTEM THEREOF	Olivani, Andrea	ZHU, Xiaobing
(73) Palo Alto Research Center Incorporated	Parnisari, Matteo	(31) 201710528829
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CHO, Seungyoon	(21) EP18894522.4	(72) SCHÖNBERGER, Manfred
LEE, Heejun	(47) 24.05.2023	DRESE, Günther
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(54) THERMAL DEVICE WITH SAFE	(73) Steyr Arms GmbH	(72) KIM, Junkyu
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KOWARSCH, Robert	VELOCITY MEASUREMENT METHOD THEREOF	KARAGIANNIS, Ioannis
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Corporation	(Beijing) Co., Ltd.	MUND, Heiko
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(33) United Kingdom	(32) 28.04.2020	SCHMITZ, Tamara
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(73) EMC IP Holding Company LLC	(72) Ramanujan, Raj K.	G06F 12/084
(72) Said, Jawad	Agarwal, Rajat	G06F 12/0804
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(21) EP15743894.6	(54) METHOD, APPARATUS, DEVICE AND COMPUTER-READABLE STORAGE MEDIUM FOR STORAGE MANAGEMENT	(73) Renesas Electronics Corporation
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KunlunXin Technology (Beijing) Company Limited	Liu, Qin	(72) QIU, Honglin
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(72) USUI, Toshinori	G06Q 20/32	(72) GIAUME, Olivier
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	(72) LLORENTE GIL, Sergio	SLEPIAN, Robert Michael

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(21) EP18208960.7	CONTAINERS	(72) CHEN, Jia-Yuan
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method for same	H01L 29/423	(51) H01L 33/50
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IMAGING METHOD	(51) H01L 31/02	United States of America
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(73) Novalded GmbH (72) HEGGEMANN, Ulrich HUMMERT, Markus	(73) Contemporary Amperex Technology Co., Limited	(72) VALNERT, Boris LUND-OLESEN, Torsten VESTENTOF, Kasper TYNELIUS, Oskar BONDE, Jacob Lindner HALES, Jan Harry CHRISTENSEN, Leif Hojslet
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(73) SANYO Electric Co., Ltd.	H01M 10/0525	TISON, Frédéric
(72) KINOSHITA, Masahiro	H01M 10/42	MULLER, Jean Damien
NAGATA, Kaoru	H01M 4/587	NGUYEN, Dinh-Luyen
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(51) H01M 50/24	(73) Samsung SDI Co., Ltd.	(72) KAWAKAMI Satoshi
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(73) Jiangsu Contemporary Amperex	(54) CONNECTION ASSEMBLY, BATTERY	(87) EP2020061298
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(72) CHEN, Zonghui	DEVICE USING BATTERY MODULE AS	(22) 23.04.2020
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	ZHANG, Runxiao	
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(73) Gogo Business Aviation LLC	H01S 3/083	(72) Schmelz, Steffen
(72) CORDONE, Sean, Scott	H01S 5/00	Fladung, Hans Peter
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(22) 05.11.2020	CRYPTOCURRENCY NETWORKS	(54) MULTICAST MESSAGE PROCESSING
(54) METHODS AND SYSTEMS FOR	(73) Cognyte Technologies Israel Ltd	METHOD AND NETWORK DEVICE
IDENTIFYING AND AUTHORIZING A	(72) Altman, Yuval	(73) HUAWEI TECHNOLOGIES CO., LTD.
USER BASED ON A MINI-GAME LOGIN	Yishay, Yitshak	(72) YUAN, Feng
(73) Capital One Services, LLC	Gvili, Yaron	XU, Yueqiao
(72) WALTERS, Austin	Shabtay, Hodaya	CHEN, Hao
TRUONG, Anh	(31) 27286120	(31) 201810349912
PHAM, Vincent	(32) 23.02.2020	(32) 18.04.2018
FARIVAR, Reza	(33) Israel	(33) China
WATSON, Mark	(51) H04L 9/40	(51) H04L 12/403
GOODSITT, Jeremy	H04L 45/302	H04L 12/40
ABAD, Fardin Abdi Taghi	G06F 21/55	H04L 12/12
(31) 201916676794	(11) EP3797497	G06F 9/4401
(32) 07.11.2019	(21) EP18919502.7	H04W 4/70
(33) United States of America	(47) 24.05.2023	H04W 84/18
(51) H04L 9/40	(87) CN2018087917	(11) EP3845005
G06F 21/32	28.11.2019	(21) EP18935633.0
G06F 21/60	(22) 22.05.2018	(47) 24.05.2023
G06F 21/31	(54) ATTACK SOURCE TRACING IN SFC	(87) CN2018109064
G06F 21/55	OVERLAY NETWORK	02.04.2020
G06F 21/62	(73) Nokia Technologies Oy	(22) 30.09.2018

(54) METHOD AND DEVICE FOR RECOGNIZING APPARATUS AND COMPUTER READABLE STORAGE MEDIUM AND PROGRAM	LIU, Xiaoqun DANIEL, Steven (31) 202017032784 (32) 25.09.2020 (33) United States of America	(47) 24.05.2023 (87) IN2018050141 19.09.2019 (22) 15.03.2018
(73) Siemens Aktiengesellschaft (72) HE, Junhu (51) H04L 12/44 (11) EP3823221 (21) EP19852069.4 (47) 24.05.2023 (87) JP2019032107 27.02.2020 (22) 16.08.2019	(51) H04L 41/0806 H04L 41/0816 H04L 41/22 H04L 41/50 (11) EP3758297 (21) EP20189896.2 (47) 24.05.2023 (22) 30.09.2016	(54) DEVICES AND METHODS FOR QOS DETERMINATION OF IOT-BASED APPLICATIONS (73) Telefonaktiebolaget LM Ericsson (publ) (72) ABID AHMED, Salem SIRCAR, Rana Pratap VENKATAKRISHNAN, Ramani MOHALIK, Swarup Kumar
(54) BAND ALLOCATION DEVICE, BAND ALLOCATION METHOD, AND BAND ALLOCATION PROGRAM	(54) NETWORK-BASED RESOURCE CONFIGURATION DISCOVERY SERVICE	(51) H04L 43/0852 H04L 41/0894 H04W 24/02 H04W 24/08 H04W 24/10 H04L 43/0823 H04L 43/0864 H04L 43/0894
(73) NIPPON TELEGRAPH AND TELEPHONE CORPORATION (72) UZAWA, Hiroyuki UJIKAWA, Hirotaka NAKAMURA, Hirotaka (31) 2018155620 (32) 22.08.2018 (33) Japan (51) H04L 25/03 (11) EP3954097 (21) EP20712163.3 (47) 24.05.2023 (87) US2020019083 15.10.2020 (22) 20.02.2020	(73) Amazon Technologies, Inc. (72) SUBRAMANIAN, Hariharan ZIPKIN, David Samuel LYON, Derek Avery GAFTON, Cristian Gabriel (31) 201514871701 (32) 30.09.2015 (33) United States of America (51) H04L 41/14 H04W 64/00 H04W 4/029 (11) EP4005157 (21) EP20753808.3 (47) 24.05.2023 (87) IB2020057223 04.02.2021 (22) 30.07.2020	(51) H04L 43/0852 H04L 41/0894 H04W 24/02 H04W 24/08 H04L 43/0823 H04L 43/0864 H04L 43/0894 (11) EP3806524 (21) EP19850245.2 (47) 24.05.2023 (87) CN2019100242 20.02.2020 (22) 12.08.2019
(54) SAMPLER OFFSET CALIBRATION DURING OPERATION	(54) UE-ASSISTED DATA COLLECTION FOR MOBILITY PREDICTION	(54) QUALITY OF SERVICE MONITORING METHODS, DEVICES, SYSTEM AND COMPUTER-READABLE STORAGE MEDIUM (73) HUAWEI TECHNOLOGIES CO., LTD. (72) WU, Wenfu ZHOU, Han LI, Hancheng
(73) Kandou Labs SA (72) HORMATI, Ali (31) 201916378450 (32) 08.04.2019 (33) United States of America (51) H04L 27/00 H04B 10/60 H04L 27/22 H04L 27/20 (11) EP4111653 (21) EP22726040.3 (47) 24.05.2023 (87) EP2022061203 24.11.2022 (22) 27.04.2022	(73) Telefonaktiebolaget LM Ericsson (publ) (72) ROELAND, Dinand ERIKSSON, Göran MILDH, Gunnar (31) 201962880464 P (32) 30.07.2019 (33) United States of America (51) H04L 41/5019 H04L 41/5022 H04L 43/0864 H04L 43/0876 H04L 43/0894 H04L 43/16 H04L 47/2483 H04L 47/10 (11) EP3720052 (21) EP18890273.8 (47) 24.05.2023 (87) CN2018101125 27.06.2019 (22) 17.08.2018	(72) WU, Wenfu ZHOU, Han LI, Hancheng (31) 201910028864 201810918390 (32) 11.01.2019 13.08.2018 (33) China China
(54) DIFFERENTIAL PHASE SHIFT KEYING (DPSK-) RECEIVER FOR ADAPTING TO TRANSMITTER IMPERFECTION AND METHOD PERFORMED BY SAID DPSK-RECEIVER	(54) SERVICE IDENTIFICATION METHOD AND DEVICE, AND NETWORK DEVICE	(51) H04L 45/00 H04L 45/24 H04L 45/125 (11) EP3771162 (21) EP19219066.8 (47) 24.05.2023 (22) 20.12.2019
(73) Shenzhen Goodix Technology Co., Ltd. (72) BURY, Andreas Gerhard (31) 21174377 (32) 18.05.2021 (33) European Patent Office (EPO) (51) H04L 27/06 H04L 27/08 (11) EP3975494 (21) EP21196678.3 (47) 24.05.2023 (22) 14.09.2021	(73) HUAWEI TECHNOLOGIES CO., LTD. (72) ZHAO, Linhua WANG, Wenming (31) 201711396118 (32) 21.12.2017 (33) China (51) H04L 43/08 H04L 43/12 (11) EP3766207 (21) EP18909644.9	(54) GUARANTEED BANDWIDTH FOR SEGMENT ROUTED (SR) PATHS (73) Juniper Networks, Inc. (72) TORVI, Raveendra SAAD, Tarek VENKATARAMAN, Sudharsana BEERAM, Vishnu (31) 201916589115 201962877845 P (32) 30.09.2019 24.07.2019 (33) United States of America United States of America
(54) PROGRAMMABLE ASK DEMODULATOR	(51) H04L 43/08 H04L 43/12 (11) EP3766207 (21) EP18909644.9	(51) H04L 45/00 H04L 45/50 (11) EP3373531 (21) EP18154534.4 (47) 24.05.2023 (22) 31.01.2018

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(73) Juniper Networks, Inc.	H04W 76/16	(73) Deutsche Telekom AG
(72) SITARAMAN, Harish	H04L 47/125	(72) SCHOTT, Roland
JORK, Markus	(11) EP3541114	KREIPL, Michael
KOMPELLA, Kireeti	(21) EP19173467.2	DREYER, Bastian
BEERAM, Vishnu Pavan	(47) 24.05.2023	JESSE, Roland
RAMACHANDRAN, Chanrasekar	(22) 06.03.2014	
TORVI, Raveendra	(54) SENDING DATA RATE INFORMATION TO A WIRELESS ACCESS NETWORK NODE	(51) H04L 65/1069
(31) 201711008087	(73) BlackBerry Limited	H04L 69/00
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(32) 08.03.2017	GAO, Shiwei	H04L 65/65
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(33) India	(47) 24.05.2023	(21) EP19817479.9
United States of America	CAI, Zhijun	(47) 24.05.2023
(51) H04L 45/24	SONG, Yi	(87) US2019061109
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H04W 40/24	(33) United States of America	(54) METHODS AND DEVICES FOR ESTABLISHING A STREAMING SESSION IN A FRAMEWORK FOR LIVE UPLINK STREAMING
H04W 40/36	(51) H04L 47/263	(73) Sony Group Corporation
H04W 60/04	(11) EP3314830	(72) LJUNG, Rickard
H04W 8/06	(21) EP16741098.4	SZUCS, Paul
H04W 8/08	(47) 24.05.2023	(31) 201862760631 P
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(47) 24.05.2023	(54) REAL-TIME WEB COMMUNICATION TRANSMISSION PROFILE ADAPTATION	H04L 67/12
(22) 24.01.2014	(73) ORANGE	H04W 4/70
(54) DATA PACKET SENDING METHOD, MOBILE ROUTER, AND NETWORK DEVICE	(72) LACHARME, Sandrine	H04L 69/28
(73) Huawei Technologies Co., Ltd.	CARON, Romain	(11) EP3846416
(72) XIONG, Chunshan	(31) 1555956	(21) EP20217903.2
LIU, Jianning	(32) 26.06.2015	(47) 24.05.2023
(51) H04L 45/302	(33) France	(22) 30.12.2020
H04L 45/64	(51) H04L 61/4511	(54) METHOD FOR SCHEDULED SHARING OF IOT FUNCTIONALITIES AND DEVICE FOR SCHEDULED SHARING
(11) EP3468117	(11) EP3570512	(73) BULL SAS
(21) EP16906842.6	(21) EP17891473.5	(72) DEMEILLIEZ, Bruno
(47) 24.05.2023	(47) 24.05.2023	MENIGOT, Gilles
(87) CN2016088250	(87) CN2017117904	CHAABANE, Wajih
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(22) 01.07.2016	(22) 22.12.2017	(32) 31.12.2019
(54) SERVICE FUNCTION CHAINING (SFC)-BASED PACKET FORWARDING METHOD, DEVICE AND SYSTEM	(54) DOMAIN NAME RESOLUTION METHOD, SERVER AND STORAGE MEDIUM	(33) France
(73) Huawei Technologies Co., Ltd.	(73) Tencent Technology (Shenzhen) Company Limited	(51) H04L 65/65
(72) ZHUANG, Shunwan	(72) JIANG, Fengbo	H04L 65/752
ZHANG, Junlin	WANG, Hailong	H04L 65/80
WU, Nan	CHEN, Fangzhou	H04L 67/55
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(54) SYSTEMS AND METHODS FOR SELECTION OF COLLOCATED NODES IN 5G NETWORK	(22) 27.05.2021	(33) United States of America
(73) Cisco Technology, Inc.	(54) METHOD FOR REALIZING COMMUNICATION SESSIONS USING A TELECOMMUNICATIONS NETWORK AND INVOLVING AT LEAST ONE USER EQUIPMENT, TELECOMMUNICATIONS	(51) H04L 67/00
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DASGUPTA, Sandeep		(11) EP3804284
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(54) SYSTEMS AND METHODS FOR PROVIDING UNIFORM ACCESS IN A MULTI-TENANT SYSTEM	(54) V2X SERVER DISCOVERY	H04W 12/033
(73) Zuora, Inc.	(73) Nokia Technologies Oy	H04W 28/24
(72) SCHMIEDEHAUSEN, Henning	(72) WONG, Curt	H04W 72/10
FUSSEDER, Nicolas	CHANDRAMOULI, Devaki	(11) EP3689020
VASILEVSKIY, Alexander	XU, Steven	(21) EP18782553.4
(31) 201862680572 P	NAVRATIL, David	(47) 24.05.2023
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(32) 04.06.2018	H04L 67/63	(22) 21.08.2018
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(33) United States of America	(21) EP18180864.3	(72) YANG, Yue
United States of America	(47) 24.05.2023	MAHESHWARI, Shailesh
United States of America	(22) 29.06.2018	GHOLMIEH, Aziz
(51) H04L 67/1012	(54) SYSTEMS AND METHODS FOR DELIVERING AUGMENTED REALITY CONTENT	BALASUBRAMANIAN, Srinivasan
(11) EP3235224	(73) Meta Platforms, Inc.	CHEN, Xing
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(22) 08.12.2015	31.12.2017	27.09.2017
(54) RESOURCE ALLOCATION	(33) United States of America	(33) United States of America
(73) British Telecommunications public limited company	World Intellectual Property Office (WIPO)	United States of America
(72) NTOFON, Okung	(51) H04L 67/52	(51) H04M 1/04
SHAKYA, Siddhartha	H04W 4/021	B60R 11/02
OWUSU, Gilbert	H04W 4/12	A45F 5/00
(31) 14275259	H04L 67/53	A44C 9/00
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(22) 10.04.2019	(54) EVENT NOTIFICATIONS TARGETING ANY USER IN A SPECIFIED TARGET AREA	18.07.2019
(54) VEHICLE TO EVERYTHING (V2X) CENTRALIZED PREDICTIVE QUALITY OF SERVICE (QOS)	(73) Telefonaktiebolaget LM ERICSSON (PUBL)	(22) 11.01.2019
(73) QUALCOMM INCORPORATED	(72) DAUNERIA, Ankur	(54) GRIPPING APPARATUS FOR HANDHELD DEVICES
(72) CHENG, Hong	FOTI, George	(73) TZUMI ELECTRONICS LLC
VANDERVEEN, Michaela	(51) H04L 67/56	(72) HABER, Shimon
LI, Junyi	H04W 40/10	CASTELLI, Joseph
PATIL, Shailesh	(11) EP3764593	LEVINE, Lawrence, T.
BAGHEL, Sudhir Kumar	(21) EP19771369.6	ELHARAR, Noam
WU, Zhibin	(47) 24.05.2023	(31) 201815958746
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(32) 09.04.2019	(22) 19.03.2019	12.01.2018
12.04.2018	(54) NETWORK ACCESS METHOD FOR HYBRID NETWORK, PROXY COORDINATION DEVICE, SITE DEVICE	(33) United States of America
(33) United States of America	(73) HUAWEI TECHNOLOGIES CO., LTD.	United States of America
United States of America	(72) HOU, Jianqiang	(51) H04M 1/19
(51) H04L 67/12	WU, Yuefeng	H04M 1/68
H04W 4/06	(31) 201810245583	(11) EP3424203
H04W 4/40	(32) 23.03.2018	(21) EP17712710.7
H04W 48/12	(33) China	(47) 24.05.2023
H04L 67/51	(51) H04L 69/22	(87) EP2017054651
H04W 4/02	H04W 12/02	08.09.2017
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(11) EP3437345		(54) TELECOMMUNICATION DEVICE, TELECOMMUNICATION SYSTEM, METHOD FOR OPERATING A TELECOMMUNICATION DEVICE AND COMPUTER PROGRAM
(21) EP16717022.4		(73) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
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(51) H04M 1/23 H04M 1/02 H05K 1/02 H05K 1/18	(87) US2018047769 07.03.2019	(73) Hewlett-Packard Development Company, L.P.
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(21) EP20759041.5	(54) ENHANCED CALLING SYSTEMS AND METHODS	(31) 20170091062
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(54) ELECTRONIC DEVICE INCLUDING KEY ASSEMBLY	(33) United States of America	(21) EP18830334.1
(73) Samsung Electronics Co., Ltd.	(51) H04M 3/42	(47) 24.05.2023
(72) KIM, Hosu	(11) EP3893476	(87) US2018063565
WEE, Jongchun	(21) EP20169000.5	13.06.2019
KIM, Kyungpil	(47) 24.05.2023	(22) 03.12.2018
KIM, Namjun	(22) 09.04.2020	(54) PROCESSES FOR PRINTING SPOT COLORS
(31) 20190019402	(54) METHOD FOR IMPROVED IDENTIFICATION AND / OR AUTHENTICATION OF A USER IN THE CONTEXT OF A TELEPHONE CONNECTION OR A VOICE CALL OF THE USER WITH A VOICE	(73) Avery Dennison Corporation
(32) 19.02.2019	TELEPHONE SYSTEM, SYSTEM, TELECOMMUNICATION NETWORK, COMPUTER PROGRAM AND COMPUTER READABLE MEDIUM	(72) DE VREEDE, Bart
(33) Korea (Republic)	(73) Deutsche Telekom AG	(31) 201762595771 P
(51) H04M 1/725 G06F 9/44 H04M 1/72457 H04M 1/7243 H04L 51/56 H04M 1/72436	(72) MÜLLER, Ingo	(32) 07.12.2017
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(22) 17.02.2017	(54) METHOD FOR CONTROLLING DISPLAY OF SCREEN FOR SETTING METADATA, NON-TRANSITORY STORAGE MEDIUM, AND APPARATUS	(22) 02.03.2018
(54) CARD-BASED INFORMATION MANAGEMENT METHOD AND SYSTEM	(73) CANON KABUSHIKI KAISHA	(54) CAMERA STORAGE SYSTEMS AND METHODS
(73) Microsoft Technology Licensing, LLC	(72) NAKAMURA, Shun	(73) Blackmagic Design Pty Ltd
(72) HUANG, Chunyi	OKUDA, Takuhiro	(72) PETTY, Grant
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XIE, Xiaofeng	(51) H04N 1/32 H04N 1/00	(51) H04N 5/349 H04N 5/232 H04N 5/225
YU, Wei	(11) EP3739824	(11) EP3383025
XUE, Weiwen	(21) EP19212207.5	(21) EP17164227.5
YE, Shenghua	(47) 24.05.2023	(47) 24.05.2023
(51) H04M 1/725 G10L 15/00 H04M 1/72448 H04M 1/27 G06F 3/16 G10L 15/193	(22) 28.11.2019	(22) 31.03.2017
(11) EP3826280	(54) MESSAGE PROCESSING METHOD AND APPARATUS, ELECTRONIC DEVICE AND MACHINE-READABLE STORAGE MEDIUM	(54) DEVICE AND METHOD FOR GENERATING SUPER RESOLUTION PHOTOS
(21) EP18929459.8	(73) Beijing Xiaomi Mobile Software Co., Ltd.	(73) Vestel Elektronik Sanayi ve Ticaret A.S.
(47) 24.05.2023	(72) WANG, Xi	(72) KIRISKEN, Barbaros
(87) CN2018099253	(31) 201910411094	(51) H04N 5/445 G06F 3/0481
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(22) 07.08.2018	(33) China	(21) EP20174161.8
(54) METHOD FOR GENERATING SPEECH CONTROL COMMAND, AND TERMINAL	(51) H04N 1/44 H04N 1/00 H04N 1/32	(47) 24.05.2023
(73) HUAWEI TECHNOLOGIES CO., LTD.	(11) EP3635945	(22) 30.10.2013
(72) XU, Jun	(21) EP18834821.3	
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(72) ARRIOLA, George YAMANAKA, Yasuhiro KOBAYASHI, Motoki HIRAMATSU, Shuji SUGAWARA, Taku BAGU CASAS, Anahi KIMURA, Shinji ENOMOTO, Shigeru TANAKA, Yumiko	(31) 201662385685 P (32) 09.09.2016 (33) United States of America	(19.04.2018 (22) 12.10.2017 (54) MOTION COMPENSATED PREDICTION METHOD AND DEVICE
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(00) 18.01.2023	(00) 18.01.2023	(00) 18.01.2023

(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3941220	(11) EP3961239	(11) EP3996084
(00) 18.01.2023	(00) 18.01.2023	(00) 18.01.2023
(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3942406	(11) EP3964322	(11) EP3996894
(00) 18.01.2023	(00) 18.01.2023	(00) 18.01.2023
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(11) EP3945632	(11) EP3966850	(11) EP4000863
(00) 18.01.2023	(00) 18.01.2023	(00) 18.01.2023
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(11) EP3946052	(11) EP3970561	(11) EP4001725
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(00) EPV Ceased Effect	(00) EPV Ceased Effect	(00) EPV Ceased Effect
(11) EP3947021	(11) EP3971038	(11) EP4002172
(00) 18.01.2023	(00) 18.01.2023	(00) 18.01.2023
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(11) EP3947062	(11) EP3971902	(11) EP4008469
(00) 18.01.2023	(00) 18.01.2023	(00) 18.01.2023
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(11) EP3947936	(11) EP3973053	(11) EP4012902
(00) 18.01.2023	(00) 18.01.2023	(00) 18.01.2023
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(11) EP3947950	(11) EP3974612	(11) EP4016159
(00) 18.01.2023	(00) 18.01.2023	(00) 18.01.2023
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(11) EP3948046	(11) EP3974849	(11) EP4025678
(00) 18.01.2023	(00) 18.01.2023	(00) 18.01.2023
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(11) EP3948850	(11) EP3974854	(11) EP4030019
(00) 18.01.2023	(00) 18.01.2023	(00) 18.01.2023
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(11) EP3949318	(11) EP3974855	(11) EP4033134
(00) 18.01.2023	(00) 18.01.2023	(00) 18.01.2023
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(11) EP3949763	(11) EP3979950	(11) EP4034334
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(11) EP3949764	(11) EP3980600	(11) EP4034851
(00) 18.01.2023	(00) 18.01.2023	(00) 18.01.2023
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(11) EP3950434	(11) EP3982385	
(00) 18.01.2023	(00) 18.01.2023	
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(11) EP3951207	(11) EP3986089	
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(11) EP3951413	(11) EP3988281	
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(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3954201	(11) EP3988523	
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(11) EP3956540	(11) EP3990599	
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(11) EP3956592	(11) EP3995595	
(00) 18.01.2023	(00) 18.01.2023	
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(11) EP3956596	(11) EP3995994	
(00) 18.01.2023	(00) 18.01.2023	
(00) EPV Ceased Effect	(00) EPV Ceased Effect	
(11) EP3959167	(11) EP3996043	
(00) 18.01.2023	(00) 18.01.2023	

VRB

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

CO

Ingeschreven overdrachten.

Contains data concerning registered assignments or change of owners.

(71) KETER HOME AND GARDEN PRODUCTS LTD	B62J 43/13 (00) Assignment	(00) Assignment (71) Fibrocell Science, Inc.
(73) KETER HOME AND GARDEN PRODUCTS LTD	(71) BluBase B.V.	(73) Castle Creek Biosciences, LLC
(11) EP3186058	(73) BluBase B.V.	(11) EP2566489
(00) 17.05.2023	(11) 2029180	(00) 17.05.2023
(51) B29C 45/14	(00) 12.05.2023	(51) A61P 17/02
D04B 1/00	(51) H02S 20/23	C12N 5/071
D04B 21/00	F24S 25/60	A61K 35/36
(00) Change of owner(s) name	F24S 25/613	(00) Assignment
(71) Jochen Rössler	(00) Assignment	(71) SK enpulse Co., Ltd.
(73) Jochen Rössler	(71) BluBase B.V.	(73) SK enpulse Co., Ltd.
(11) EP3123025	(73) BluBase B.V.	(11) EP3614415
(00) 04.05.2023	(11) 2029183	(00) 15.05.2023
(51) F03D 7/02	(00) 12.05.2023	(51) C23C 14/06
F03D 80/00	(51) F24S 25/30	C23C 16/32
(00) Assignment	F24S 25/634	H01J 37/32
(71) TECMEN ELECTRONICS CO., LTD	F24S 25/70	(00) Change of owner(s) name
(73) TECMEN ELECTRONICS CO., LTD	H02S 20/23	(71) SMARTTray GmbH
(11) EP2760401	F24S 25/00	(73) SMARTTray GmbH
(00) 16.05.2023	F24S 25/60	(11) EP3506732
(51) A61F 9/06	(00) Assignment	(00) 15.05.2023
(00) Assignment	(71) Daimler Truck AG	(51) G01N 1/04
(71) Mogam Institute for Biomedical Research GC Cell Corporation	(73) Daimler Truck AG	A01G 7/00
(73) Mogam Institute for Biomedical Research GC Cell Corporation	(11) EP3584103	A01G 9/029
(11) EP3224349	(00) 16.05.2023	A01G 31/02
(00) 15.05.2023	(51) B60K 17/04	(00) Assignment
(51) A61P 31/00	B60K 1/00	(71) SMARTTray GmbH
A61P 35/00	B60K 6/40	(73) SMARTTray GmbH
C12N 5/02	B60K 6/44	(11) EP3506733
C12N 5/0783	B60K 6/52	(00) 15.05.2023
A61K 35/14	B60K 17/12	(51) G01N 1/04
A61K 35/17	B60L 15/20	A01G 7/00
(00) Merge	(00) Assignment	A01G 9/029
(71) Flexicare (Group) Limited	(71) BETHOC AB	A01G 31/02
(73) Flexicare (Group) Limited	(73) BETHOC AB	(00) Assignment
(11) EP3046608	(11) EP3271035	(71) Webasto SE
(00) 16.05.2023	(00) 16.05.2023	(73) Webasto SE
(51) A61M 11/06	(51) A63B 69/00	(11) EP2462458
A61M 15/00	A63B 71/02	(00) 15.05.2023
A61M 16/06	A63C 19/00	(51) H02J 7/00
A61M 16/10	A63C 19/08	G01R 31/36
A61M 16/14	A63C 19/10	(00) Assignment
(00) Assignment	B21F 29/02	
(71) KETER HOME AND GARDEN PRODUCTS LTD	E01F 15/02	
(73) KETER HOME AND GARDEN PRODUCTS LTD	E01F 15/04	
(11) EP3290723	E01F 15/06	
(00) 17.05.2023	A63B 102/30	
(51) F16B 37/04	(00) Assignment	
(00) Change of owner(s) name	(71) FPS Investments B.V.	
(71) Darfon Energy Technology Corp.	(73) FPS Investments B.V.	
(73) Darfon Energy Technology Corp.	(11) EP2744656	
(11) 2028716	(00) 15.05.2023	
(00) 16.05.2023	(51) B32B 27/08	
(51) H01M 50/262	(00) Merge	
H01M 50/249	(71) Castle Creek Biosciences, LLC	
	(73) Castle Creek Biosciences, LLC	
	(11) EP2566489	
	(00) 17.05.2023	
	(51) A61P 17/02	
	C12N 5/071	
	A61K 35/36	

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).